

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017116.D
 Acq On : 26 Jan 2024 13:10
 Operator : SY/MD
 Sample : P1187-03 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Quant Time: Jan 29 05:22:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 05:22:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	114525	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	203488	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	170800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65977	59.128	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.260%			
35) Dibromofluoromethane	7.716	113	66510	54.155	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.320%			
50) Toluene-d8	10.179	98	251288	54.172	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.340%			
62) 4-Bromofluorobenzene	12.483	95	73596	51.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	2596	2.609	ug/l	97
3) Chloromethane	2.113	50	4887	2.927	ug/l	97
4) Vinyl Chloride	2.247	62	6071	3.181	ug/l	100
5) Bromomethane	2.650	94	4567	3.212	ug/l	98
6) Chloroethane	2.790	64	3810	3.116	ug/l	91
7) Trichlorofluoromethane	3.125	101	5742	2.596	ug/l	95
8) Diethyl Ether	3.528	74	1546	2.343	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	3424	2.673	ug/l	99
10) Methyl Iodide	4.095	142	2688	2.209	ug/l #	95
11) Tert butyl alcohol	4.942	59	2241	26.503	ug/l #	75
12) 1,1-Dichloroethene	3.875	96	2969	2.532	ug/l	93
13) Acrolein	3.735	56	1618	12.091	ug/l	99
14) Allyl chloride	4.479	41	4358	2.459	ug/l	97
15) Acrylonitrile	5.149	53	3467	12.106	ug/l #	88
16) Acetone	3.948	43	4523	12.497	ug/l	91
17) Carbon Disulfide	4.198	76	9269	2.623	ug/l #	89
18) Methyl Acetate	4.479	43	2519	2.201	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	6158	2.152	ug/l #	88
20) Methylene Chloride	4.716	84	7961	5.178	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	3373	2.487	ug/l	83
22) Diisopropyl ether	6.119	45	8393	2.145	ug/l	97
23) Vinyl Acetate	6.058	43	20879	11.002	ug/l	100
24) 1,1-Dichloroethane	6.009	63	6004	2.516	ug/l #	93
25) 2-Butanone	6.990	43	4978	11.206	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	5190	2.546	ug/l	89
27) cis-1,2-Dichloroethene	6.978	96	3583	2.384	ug/l	93
28) Bromochloromethane	7.332	49	2257	2.376	ug/l	94
29) Tetrahydrofuran	7.350	42	2423	10.709	ug/l	95
30) Chloroform	7.515	83	6142	2.528	ug/l	94
31) Cyclohexane	7.789	56	7443	3.376	ug/l #	51
32) 1,1,1-Trichloroethane	7.704	97	5295	2.541	ug/l	97
36) 1,1-Dichloropropene	7.917	75	5250	2.598	ug/l	94
37) Ethyl Acetate	7.070	43	2137	2.460	ug/l #	87
38) Carbon Tetrachloride	7.899	117	4726	2.387	ug/l #	93
39) Methylcyclohexane	9.185	83	5536	2.278	ug/l	88
40) Benzene	8.161	78	13876	2.365	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 05:22:17 2024
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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	954m	2.053	ug/l	
42) 1,2-Dichloroethane	8.234	62	3919	2.576	ug/l	97
43) Isopropyl Acetate	8.271	43	3749	2.311	ug/l #	79
44) Trichloroethene	8.941	130	3627	2.410	ug/l	98
45) 1,2-Dichloropropane	9.216	63	3364	2.336	ug/l	93
46) Dibromomethane	9.301	93	1745	2.281	ug/l	99
47) Bromodichloromethane	9.496	83	4223	2.170	ug/l	95
48) Methyl methacrylate	9.295	41	1922	2.134	ug/l	96
49) 1,4-Dioxane	9.301	88	335	44.528	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	8368	9.698	ug/l	98
52) Toluene	10.246	92	8497	2.392	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	3688	2.075	ug/l #	76
54) cis-1,3-Dichloropropene	9.929	75	4732	2.164	ug/l #	93
55) 1,1,2-Trichloroethane	10.648	97	2341	2.190	ug/l	95
56) Ethyl methacrylate	10.508	69	1670	1.786	ug/l #	91
57) 1,3-Dichloropropane	10.795	76	4103	2.270	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	6176	9.517	ug/l	99
59) 2-Hexanone	10.837	43	6198	9.416	ug/l	96
60) Dibromochloromethane	10.984	129	2948	2.373	ug/l	95
61) 1,2-Dibromoethane	11.093	107	2197	2.262	ug/l	99
64) Tetrachloroethene	10.721	164	3183	2.674	ug/l	96
65) Chlorobenzene	11.520	112	8938	2.469	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	2982	2.256	ug/l	98
67) Ethyl Benzene	11.593	91	14391	2.187	ug/l	98
68) m/p-Xylenes	11.703	106	10763	4.354	ug/l	100
69) o-Xylene	12.032	106	4627	2.060	ug/l	96
70) Styrene	12.044	104	6179	1.895	ug/l	97
71) Bromoform	12.209	173	1501	2.264	ug/l #	98
73) Isopropylbenzene	12.331	105	12489	2.123	ug/l	99
74) N-amyl acetate	12.148	43	2472	2.085	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	2766	2.466	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	1876m	2.160	ug/l	
77) Bromobenzene	12.617	156	3013	2.367	ug/l	98
78) n-propylbenzene	12.672	91	16964	2.398	ug/l	97
79) 2-Chlorotoluene	12.758	91	9415	2.425	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	9677	2.079	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.380	75	716m	2.134	ug/l	
82) 4-Chlorotoluene	12.861	91	9801	2.436	ug/l	100
83) tert-Butylbenzene	13.081	119	8729	2.168	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	9266	2.003	ug/l	94
85) sec-Butylbenzene	13.258	105	13180	2.211	ug/l	98
86) p-Isopropyltoluene	13.373	119	10377	2.089	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	6126	2.438	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	6184	2.501	ug/l	85
89) n-Butylbenzene	13.703	91	10963	2.288	ug/l	97
90) Hexachloroethane	13.971	117	2548	2.461	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	5328	2.483	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	333	2.325	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	2508	2.236	ug/l	98
94) Hexachlorobutadiene	15.117	225	1576	2.335	ug/l	93
95) Naphthalene	15.239	128	3942	1.990	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	2222	2.382	ug/l	96

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ClientSampleId :
MDL-SOIL-03-QT1-2024

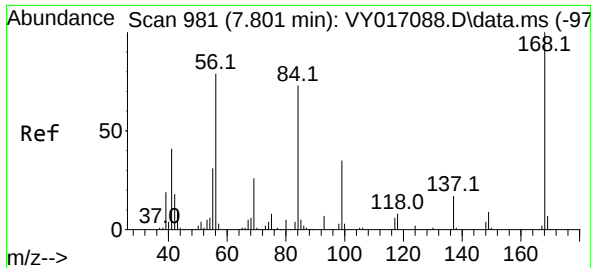
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 29 05:22:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 05:22:17 2024
Response via : Initial Calibration

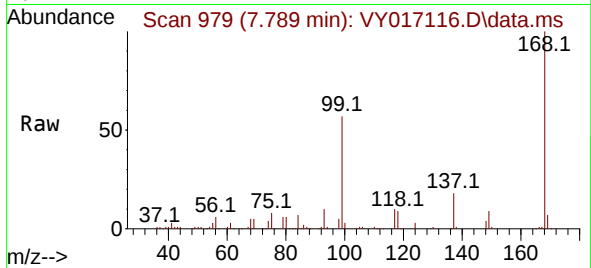
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017116.D
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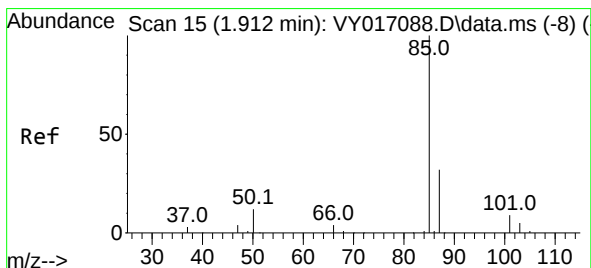
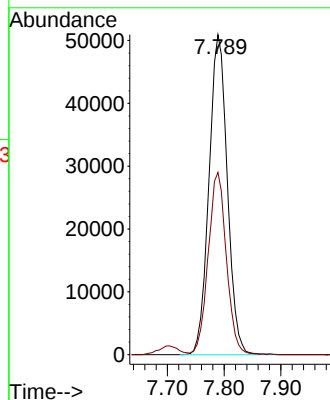
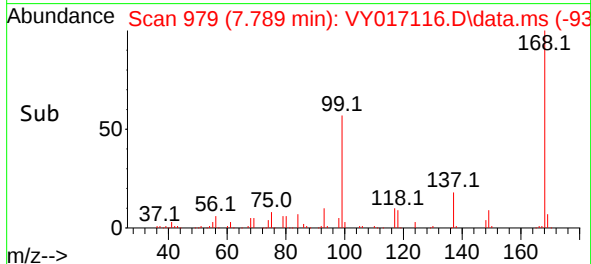
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:168 Resp: 11452
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4

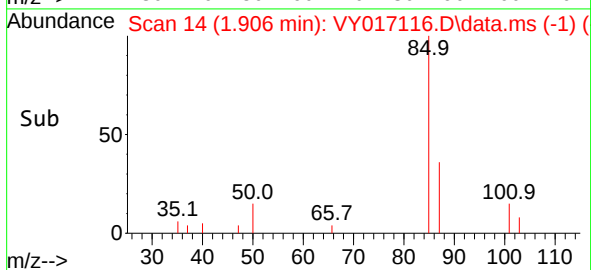
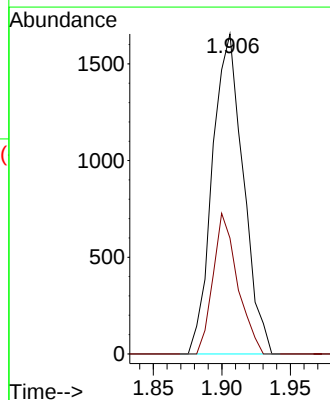
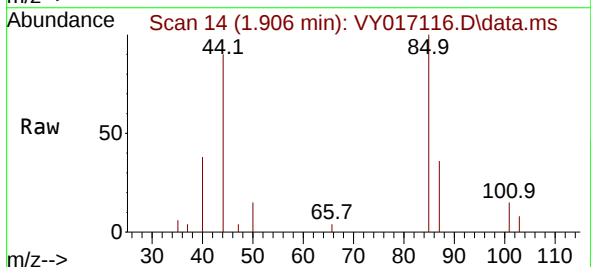
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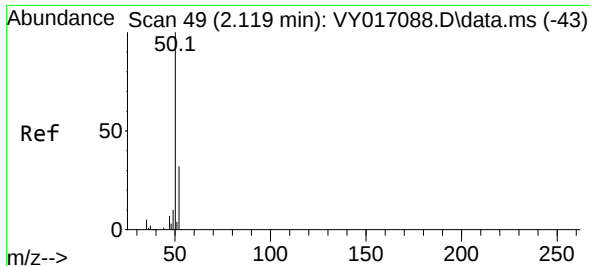
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#2
Dichlorodifluoromethane
Concen: 2.609 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

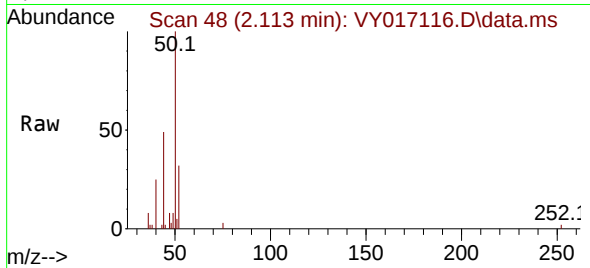
Tgt Ion: 85 Resp: 2596
Ion Ratio Lower Upper
85 100
87 36.2 17.1 51.3





#3
Chloromethane
Concen: 2.927 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

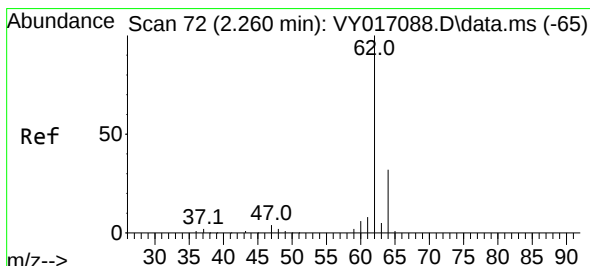
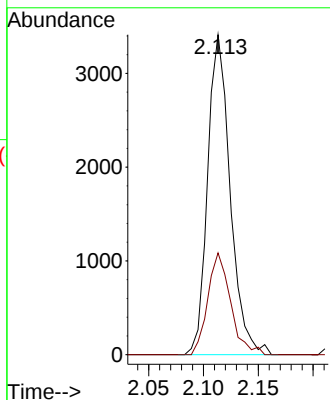
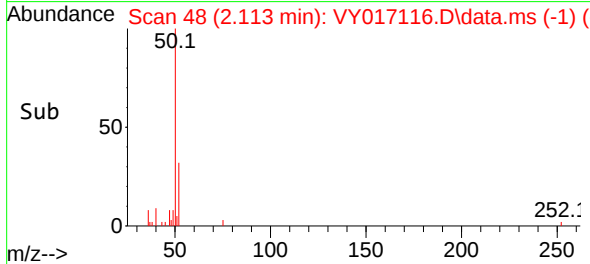
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 31.8 26.7 40.1

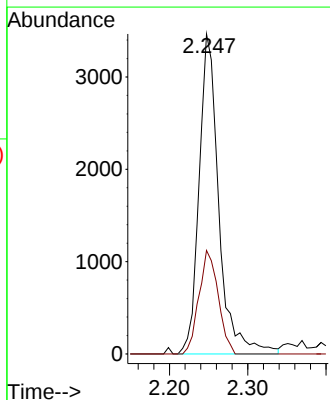
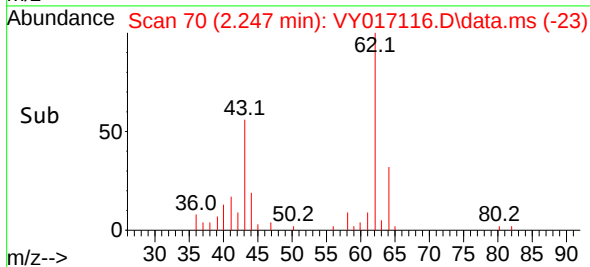
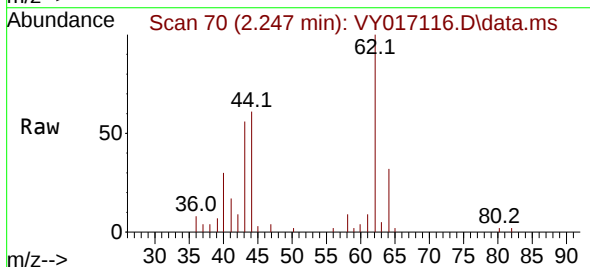
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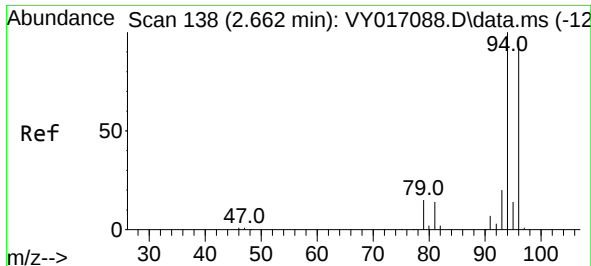
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#4
Vinyl Chloride
Concen: 3.181 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

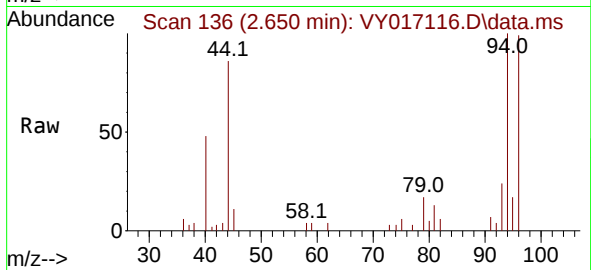
Tgt Ion: 62 Resp: 6071
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5





#5
Bromomethane
Concen: 3.212 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

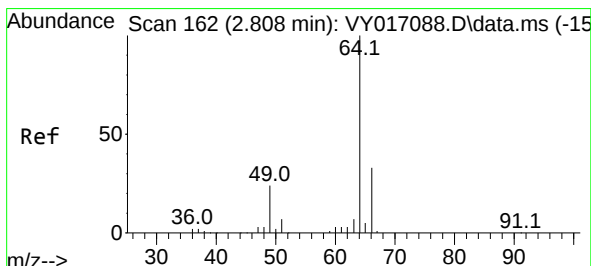
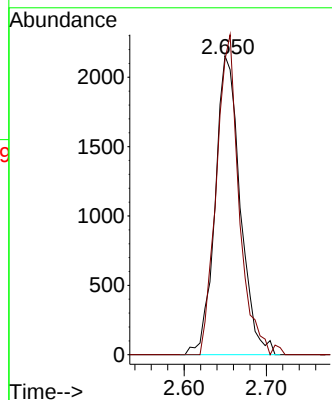
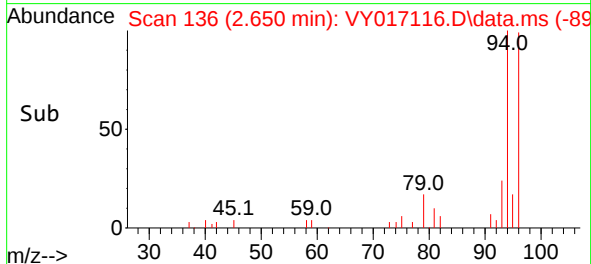
Instrument :
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Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 98.7 77.3 115.9

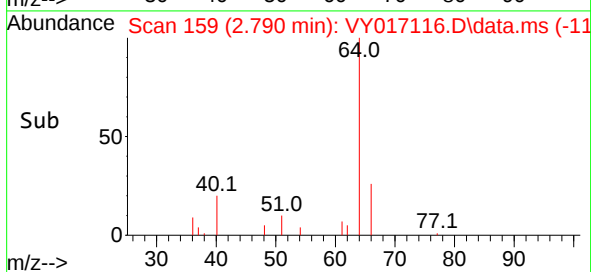
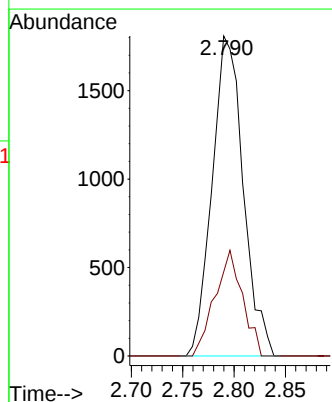
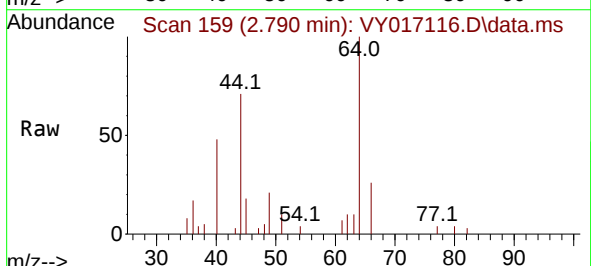
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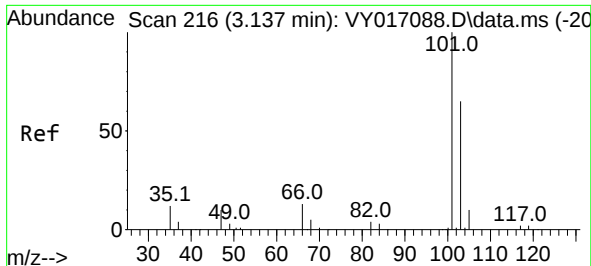
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#6
Chloroethane
Concen: 3.116 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.018 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

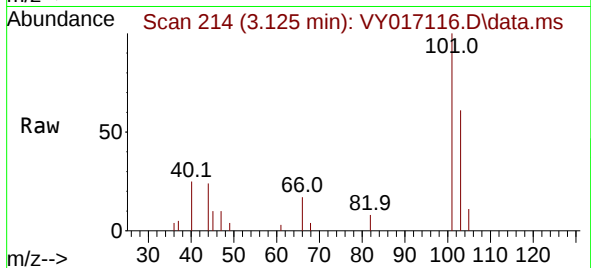
Tgt Ion: 64 Resp: 3810
Ion Ratio Lower Upper
64 100
66 26.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 2.596 ug/l
RT: 3.125 min Scan# 216
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

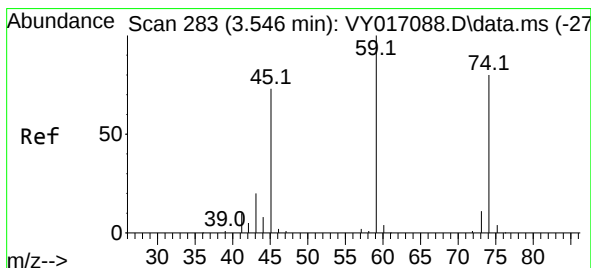
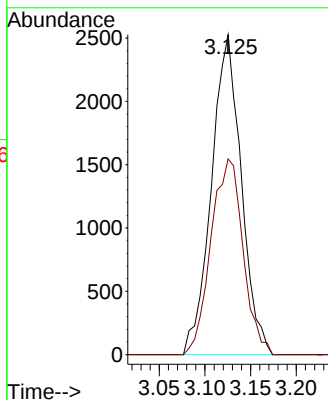
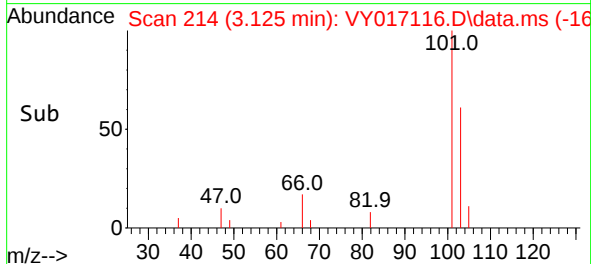
Instrument : MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:101 Resp: 574
Ion Ratio Lower Upper
101 100
103 61.2 51.9 77.9

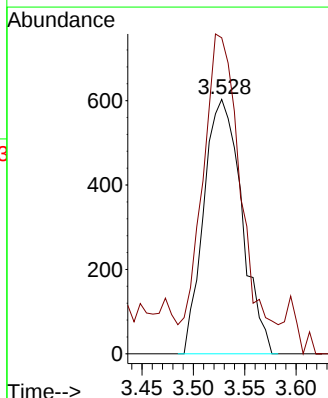
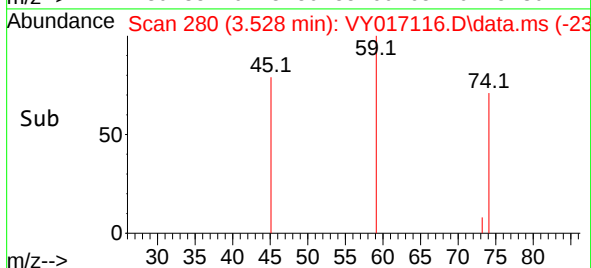
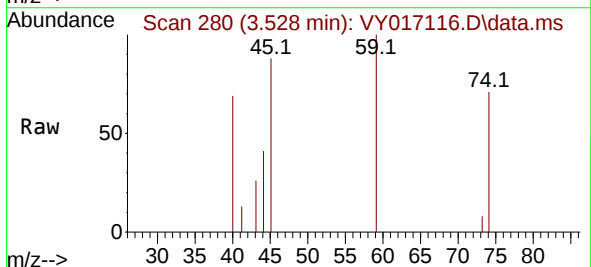
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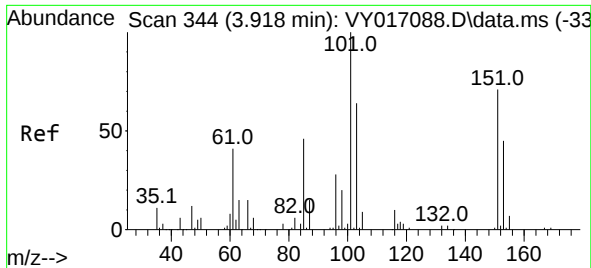
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#8
Diethyl Ether
Concen: 2.343 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion: 74 Resp: 1546
Ion Ratio Lower Upper
74 100
45 109.2 47.9 143.7





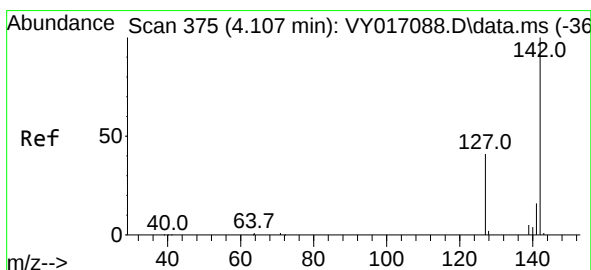
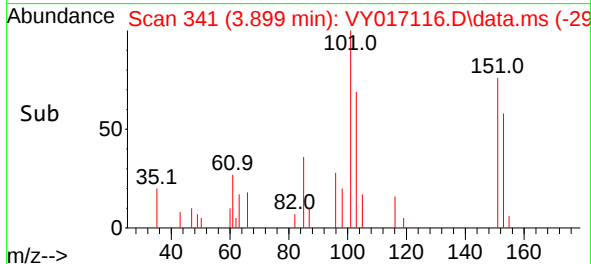
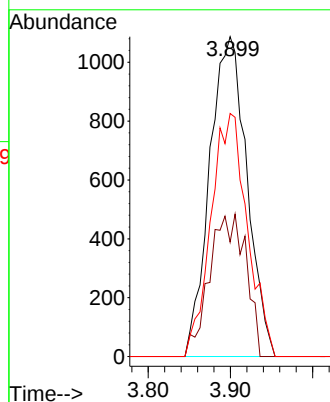
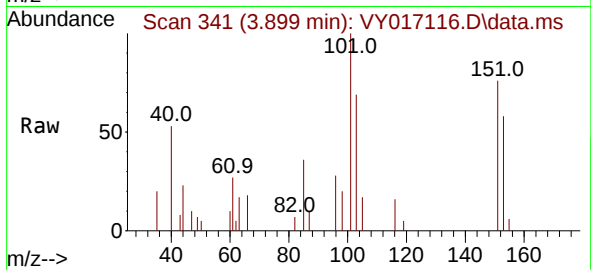
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.673 ug/l
RT: 3.899 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion:101 Resp: 3424
Ion Ratio Lower Upper
101 100
85 43.6 35.8 53.6
151 74.3 58.6 88.0

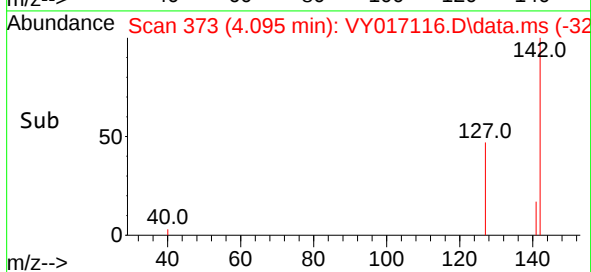
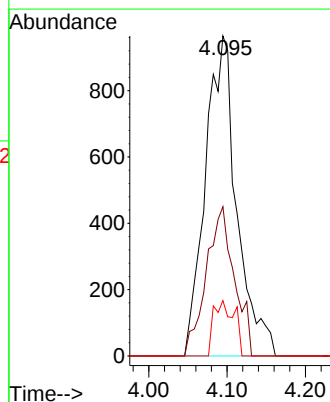
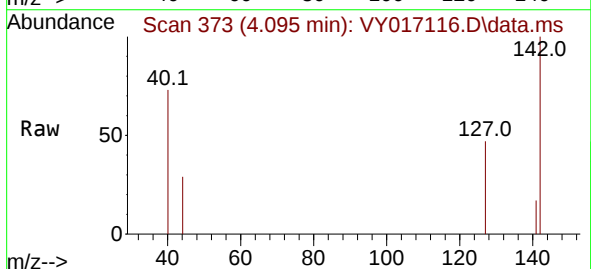
Manual Integrations
APPROVED

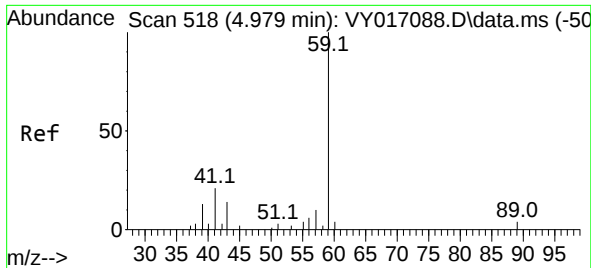
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#10
Methyl Iodide
Concen: 2.209 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.011 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion:142 Resp: 2688
Ion Ratio Lower Upper
142 100
127 41.6 35.1 52.7
141 11.3 11.8 17.6#





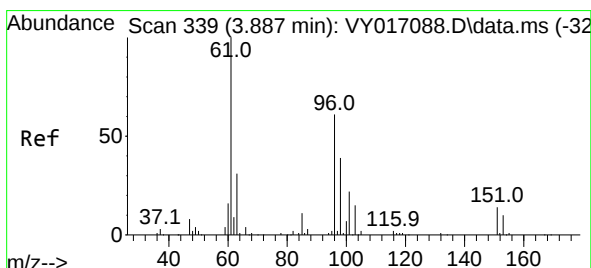
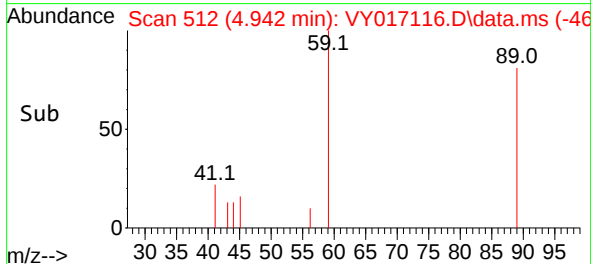
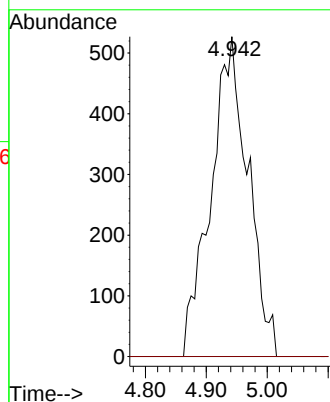
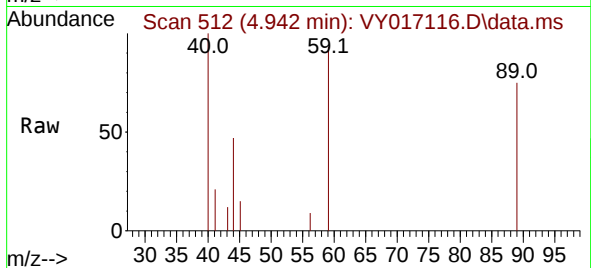
#11
Tert butyl alcohol
Concen: 26.503 ug/l
RT: 4.942 min Scan# 518
Delta R.T. -0.024 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0

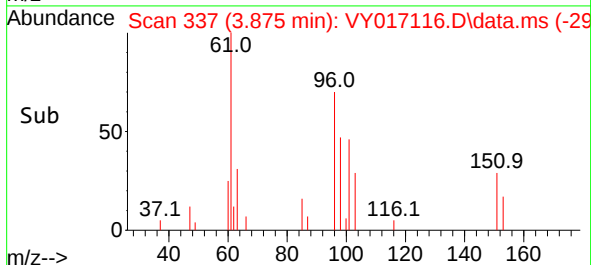
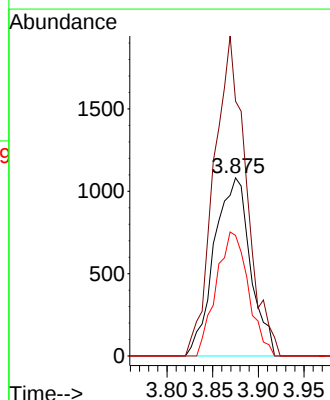
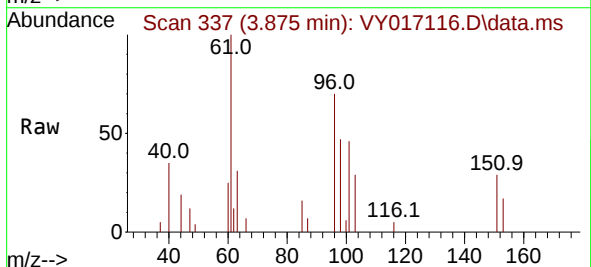
Manual Integrations
APPROVED

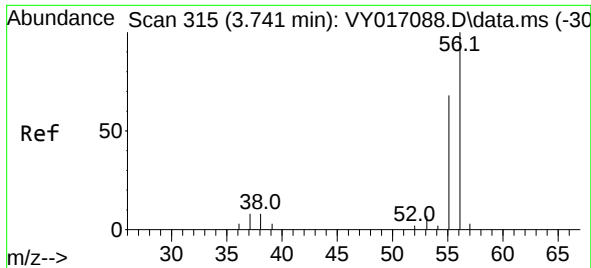
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#12
1,1-Dichloroethene
Concen: 2.532 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

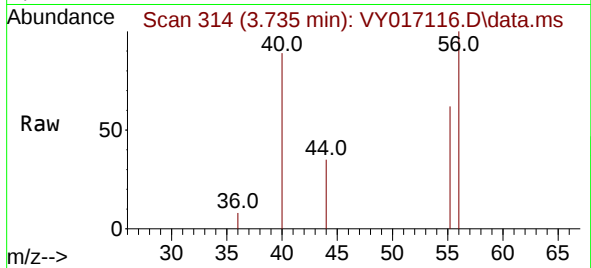
Tgt Ion: 96 Resp: 2969
Ion Ratio Lower Upper
96 100
61 143.1 124.2 186.2
98 67.7 52.6 79.0





#13
Acrolein
Concen: 12.091 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

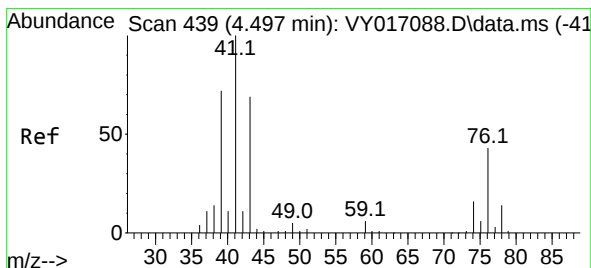
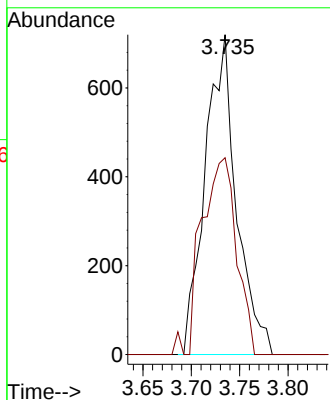
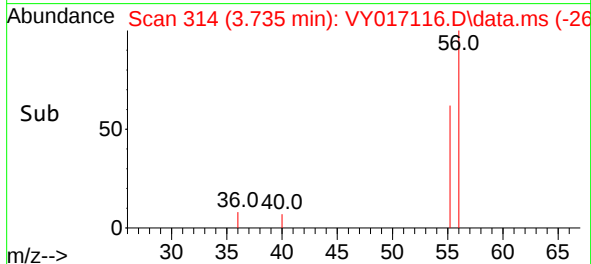
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 56 Resp: 1618
Ion Ratio Lower Upper
56 100
55 68.7 55.4 83.0

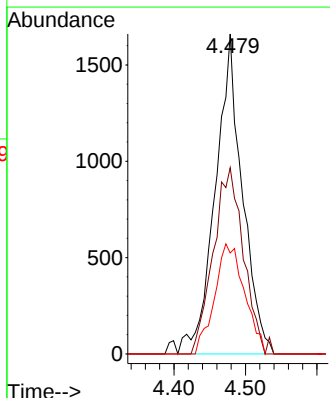
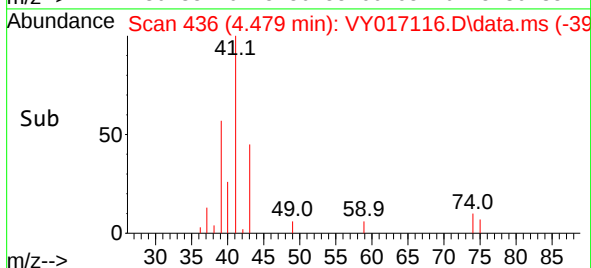
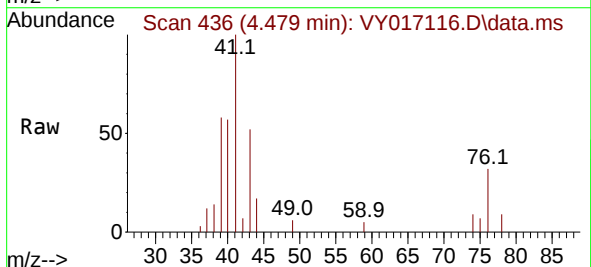
Manual Integrations
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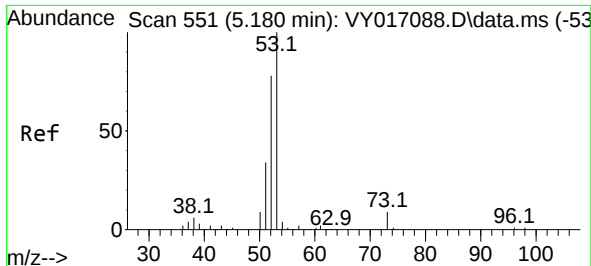
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#14
Allyl chloride
Concen: 2.459 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

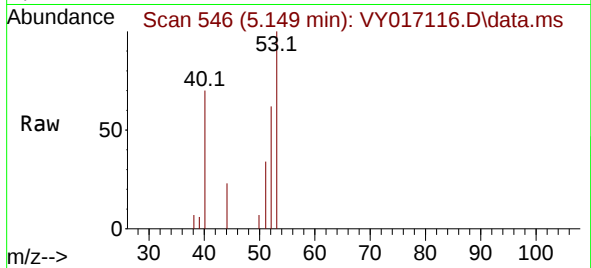
Tgt Ion: 41 Resp: 4358
Ion Ratio Lower Upper
41 100
39 65.3 54.7 82.1
76 38.1 31.8 47.6





#15
Acrylonitrile
Concen: 12.106 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.030 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

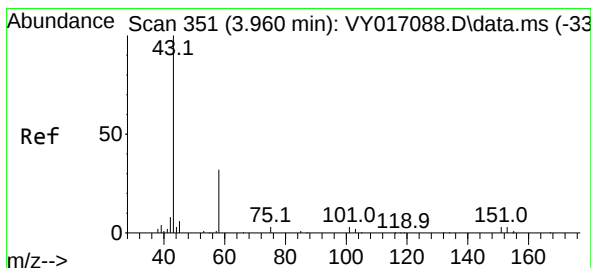
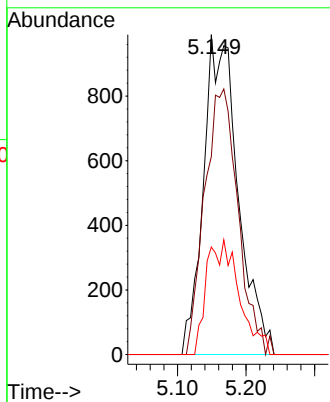
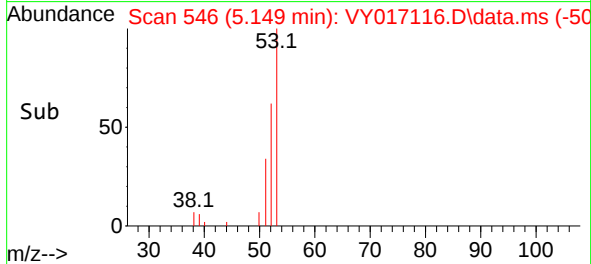
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 53 Resp: 346
Ion Ratio Lower Upper
53 100
52 80.6 65.1 97.7
51 15.0 29.0 43.4

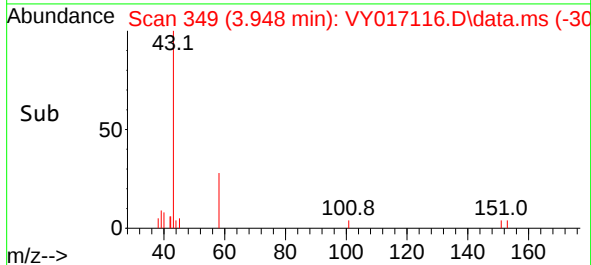
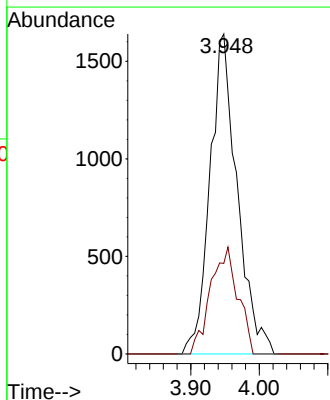
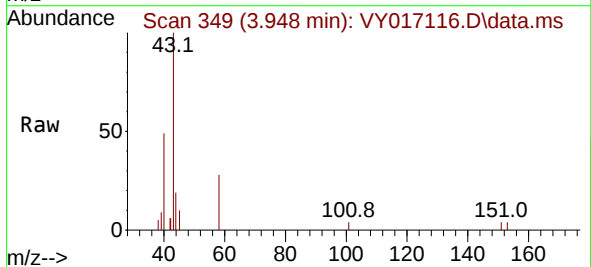
Manual Integrations
APPROVED

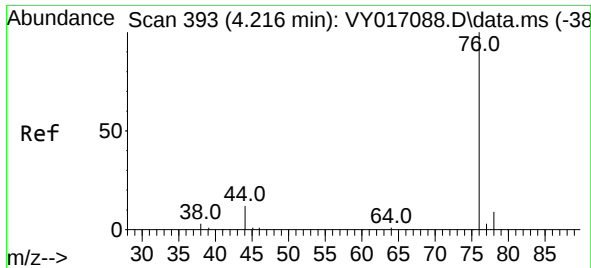
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#16
Acetone
Concen: 12.497 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion: 43 Resp: 4523
Ion Ratio Lower Upper
43 100
58 28.3 26.6 39.8





#17

Carbon Disulfide

Concen: 2.623 ug/l

RT: 4.198 min Scan# 393

Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

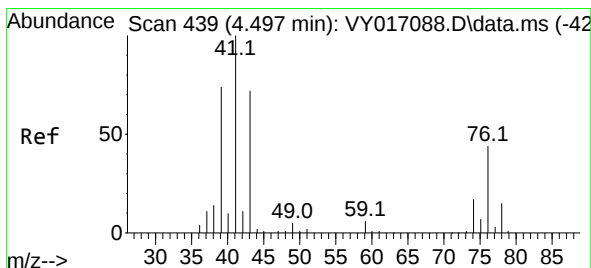
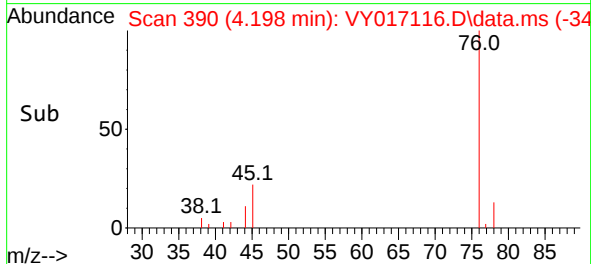
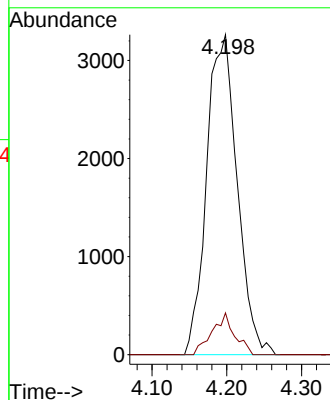
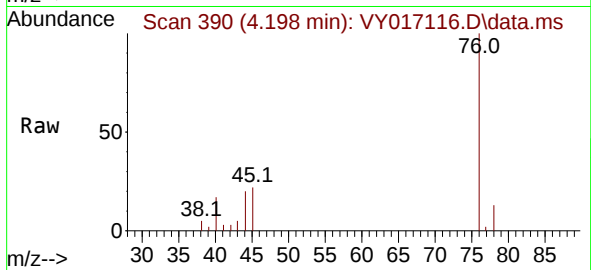
MDL-SOIL-03-QT1-2024

Tgt Ion: 76 Resp: 9269
 Ion Ratio Lower Upper
 76 100
 78 13.0 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024



#18

Methyl Acetate

Concen: 2.201 ug/l

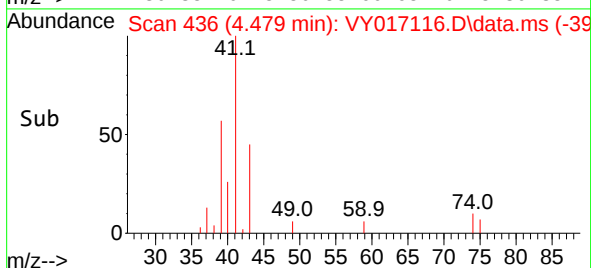
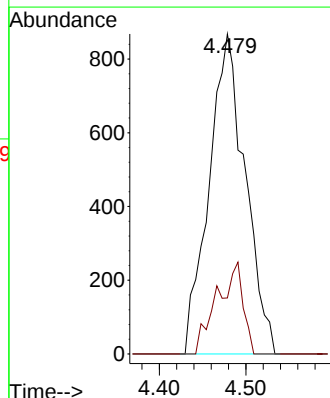
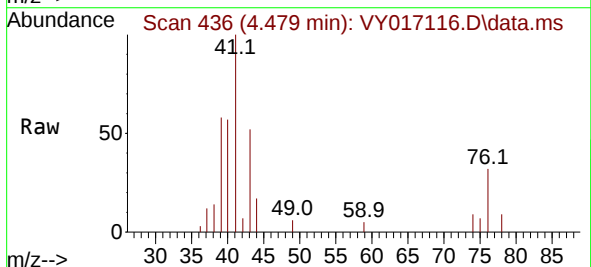
RT: 4.479 min Scan# 436

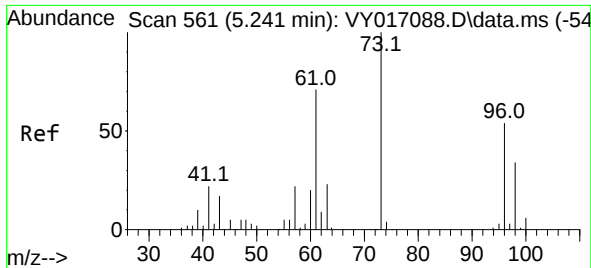
Delta R.T. -0.018 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Tgt Ion: 43 Resp: 2519
 Ion Ratio Lower Upper
 43 100
 74 20.6 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 2.152 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 73 Resp: 6158

Ion Ratio Lower Upper

73 100

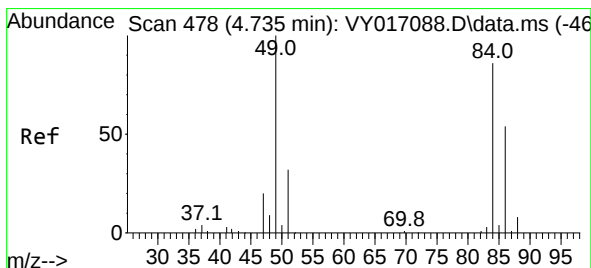
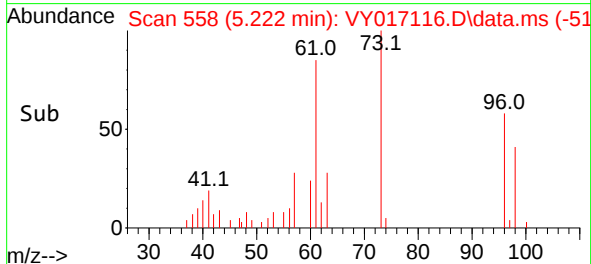
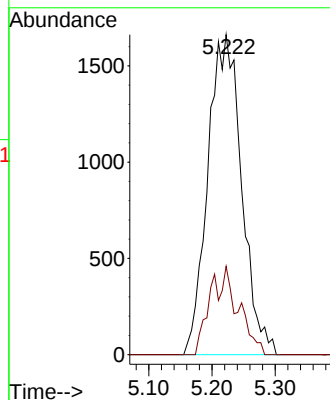
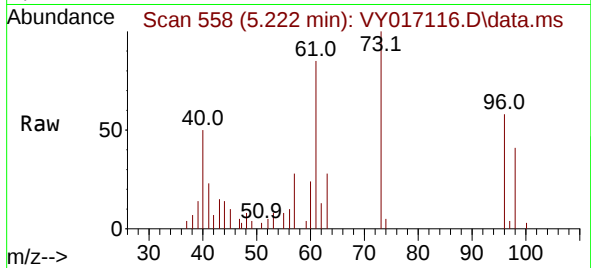
57 27.6 17.7 26.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#20

Methylene Chloride

Concen: 5.178 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.018 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Tgt Ion: 84 Resp: 7961

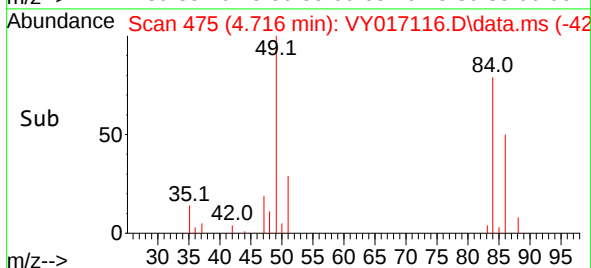
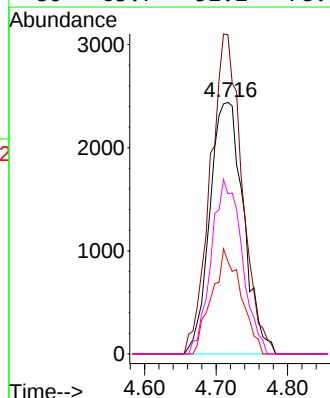
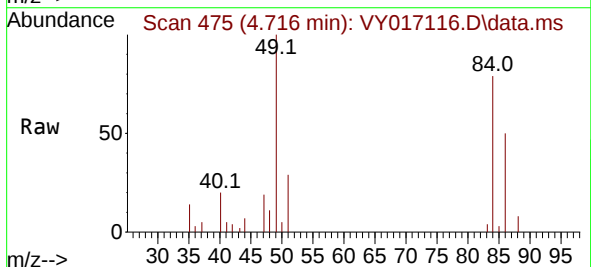
Ion Ratio Lower Upper

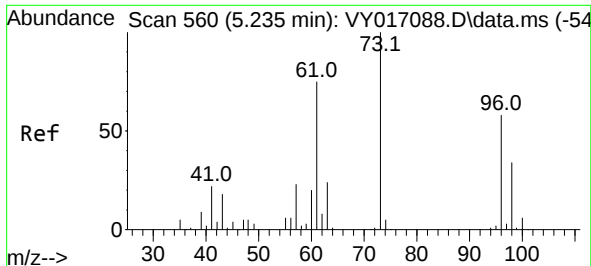
84 100

49 126.9 95.2 142.8

51 36.8 29.9 44.9

86 63.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 2.487 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY017116.D

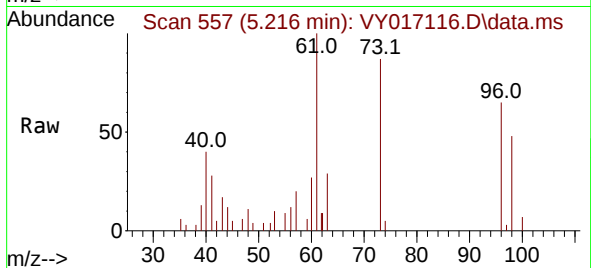
Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024



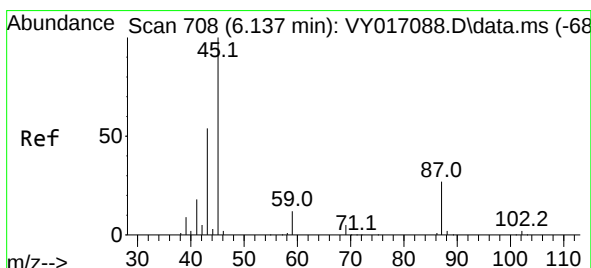
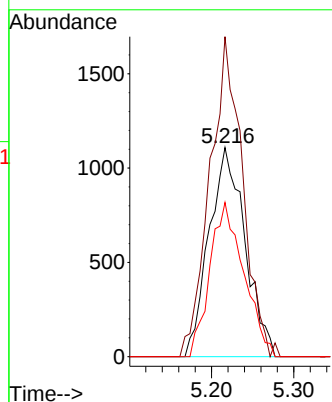
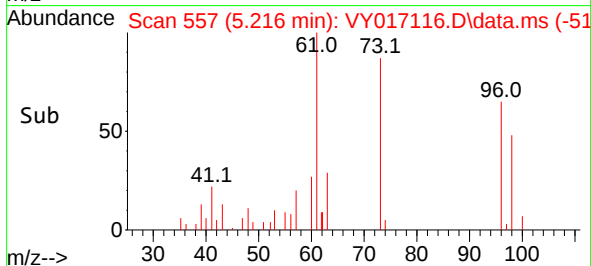
Tgt Ion: 96 Resp: 337

Ion	Ratio	Lower	Upper
96	100		
61	153.0	104.6	156.8
98	73.8	50.9	76.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#22

Diisopropyl ether

Concen: 2.145 ug/l

RT: 6.119 min Scan# 705

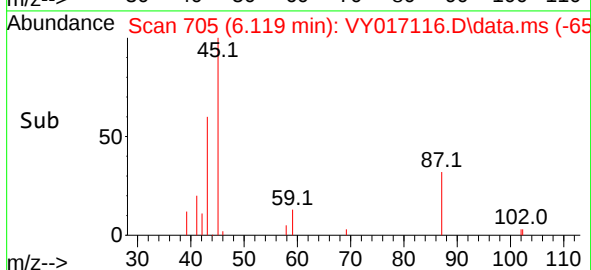
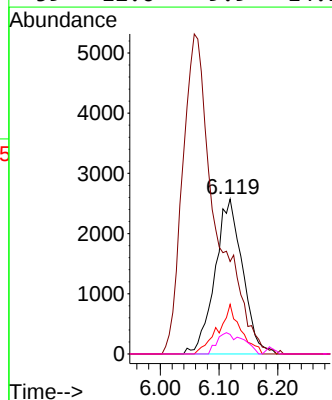
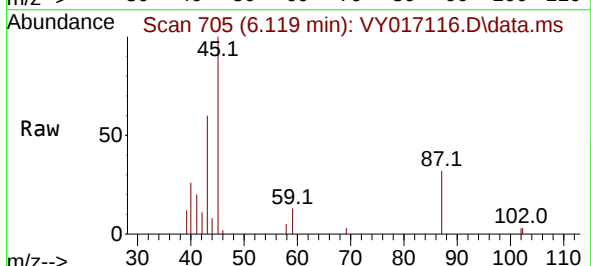
Delta R.T. -0.012 min

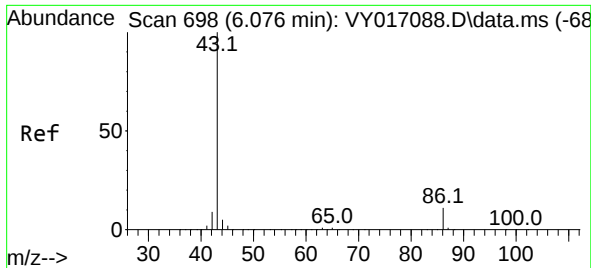
Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Tgt Ion: 45 Resp: 8393

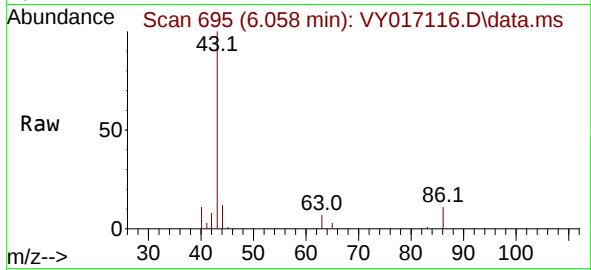
Ion	Ratio	Lower	Upper
45	100		
43	57.5	46.8	70.2
87	32.0	22.2	33.2
59	12.6	9.9	14.9





#23
 Vinyl Acetate
 Concen: 11.002 ug/l
 RT: 6.058 min Scan# 641
 Delta R.T. -0.018 min
 Lab File: VY017116.D
 Acq: 26 Jan 2024 13:10

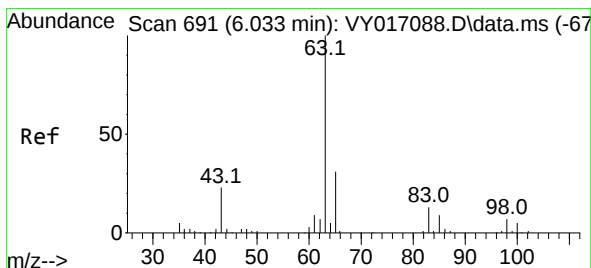
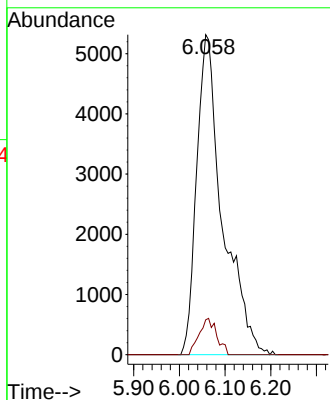
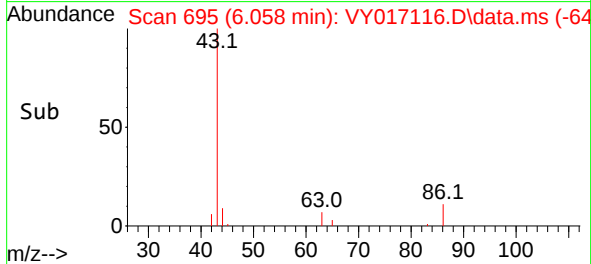
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 20879
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

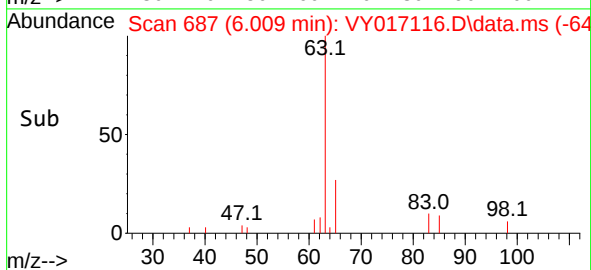
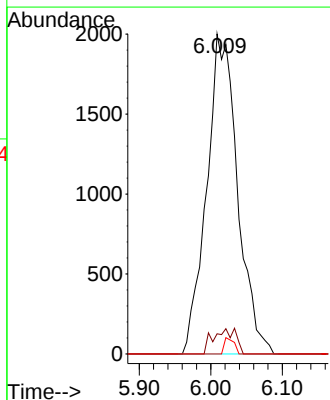
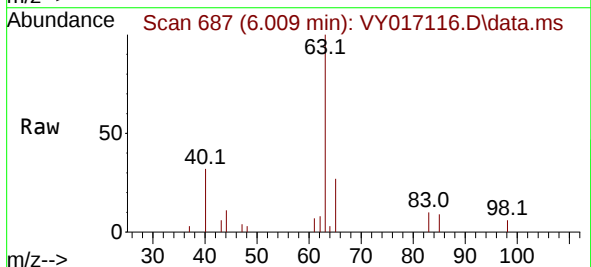
Manual Integrations
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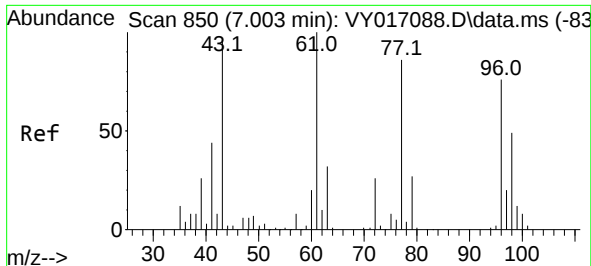
Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024



#24
 1,1-Dichloroethane
 Concen: 2.516 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.024 min
 Lab File: VY017116.D
 Acq: 26 Jan 2024 13:10

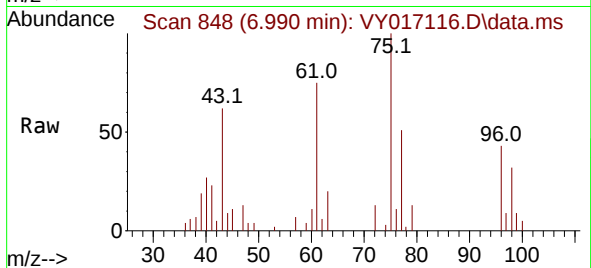
Tgt Ion: 63 Resp: 6004
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.8 11.4
 100 0.0 2.1 6.2#





#25
2-Butanone
Concen: 11.206 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

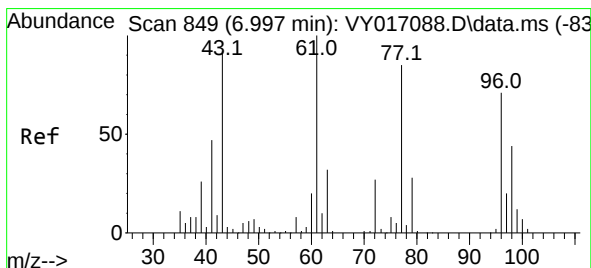
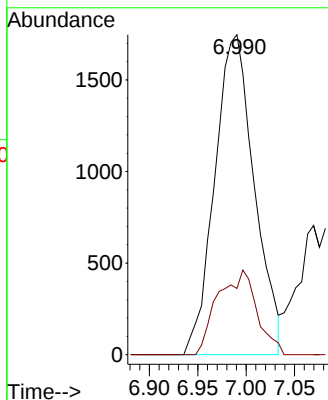
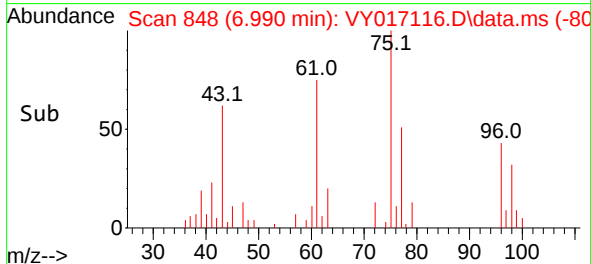
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



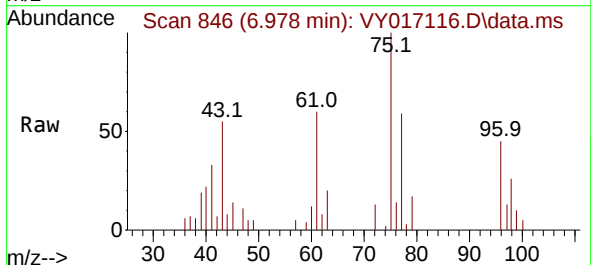
Tgt Ion: 43 Resp: 4978
Ion Ratio Lower Upper
43 100
72 20.7 21.4 32.2

Manual Integrations
APPROVED

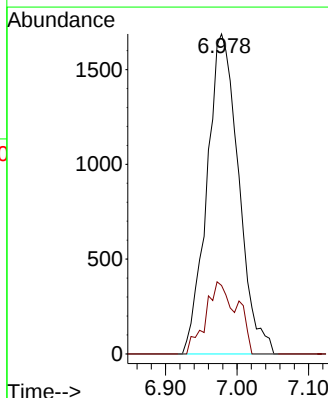
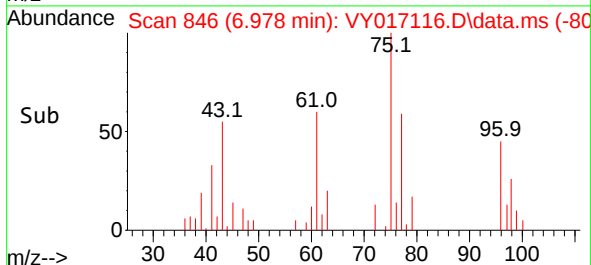
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024

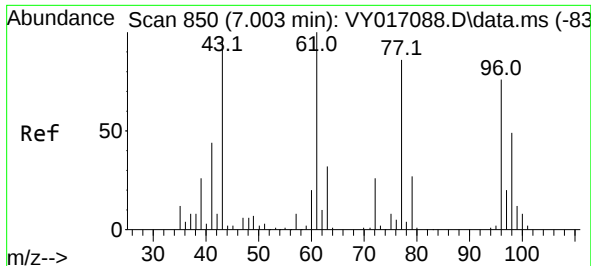


#26
2,2-Dichloropropane
Concen: 2.546 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10



Tgt Ion: 77 Resp: 5190
Ion Ratio Lower Upper
77 100
97 17.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 2.384 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.024 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024

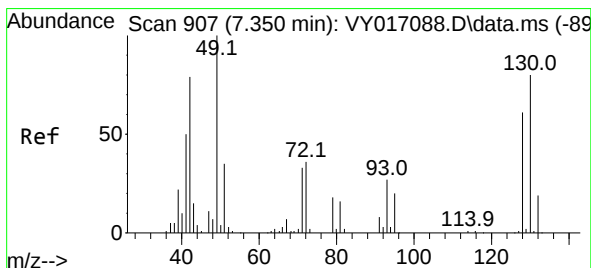
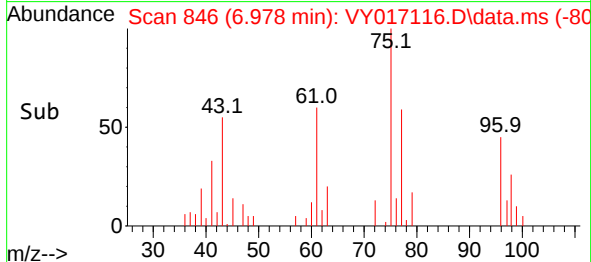
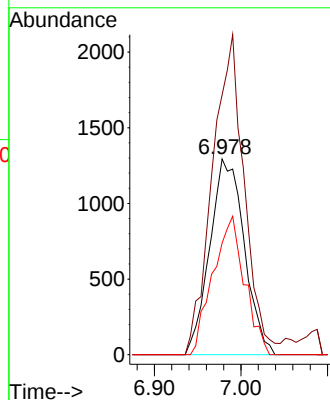
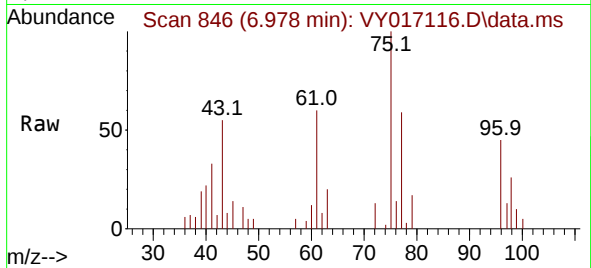
Tgt Ion: 96 Resp: 358

Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	278.8
98	64.9	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#28

Bromochloromethane

Concen: 2.376 ug/l

RT: 7.332 min Scan# 904

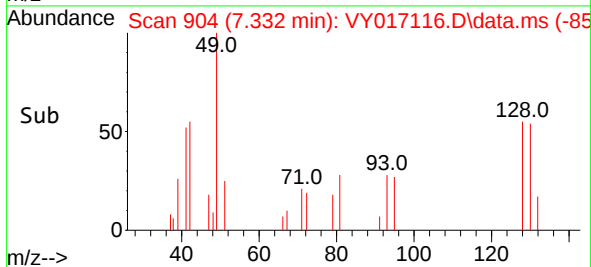
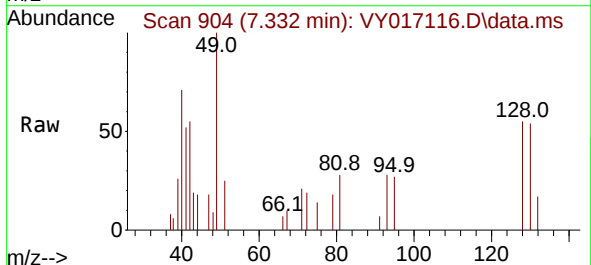
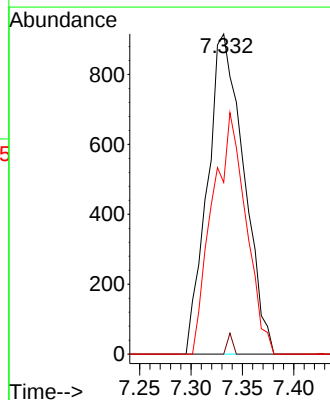
Delta R.T. -0.018 min

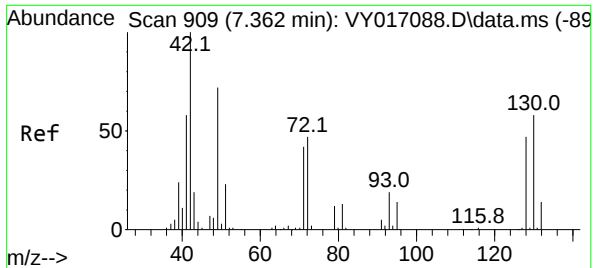
Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Tgt Ion: 49 Resp: 2257

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	69.6	59.8	89.8





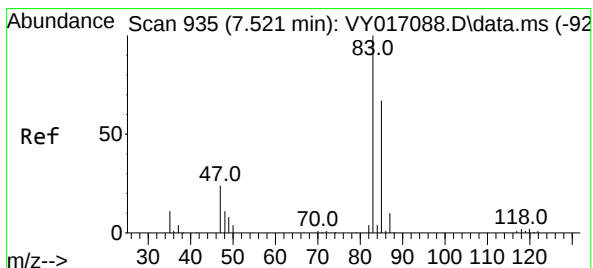
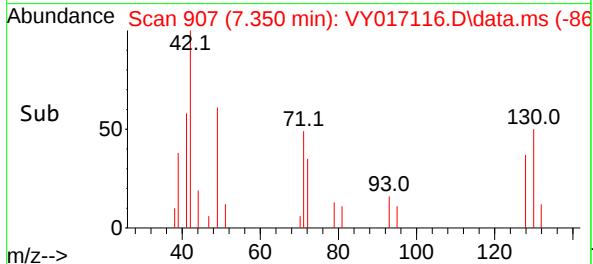
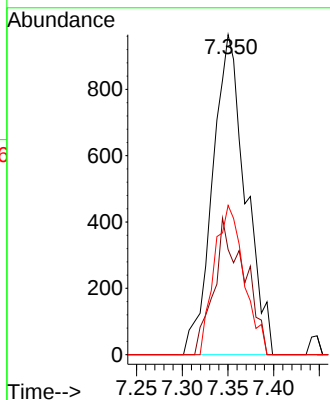
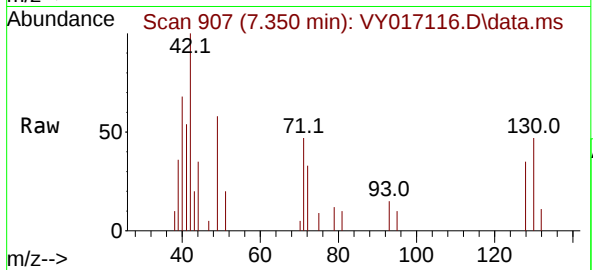
#29
Tetrahydrofuran
Concen: 10.709 ug/l
RT: 7.350 min Scan# 909
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion: 42 Resp: 242
Ion Ratio Lower Upper
42 100
72 39.3 36.6 54.8
71 41.8 33.8 50.6

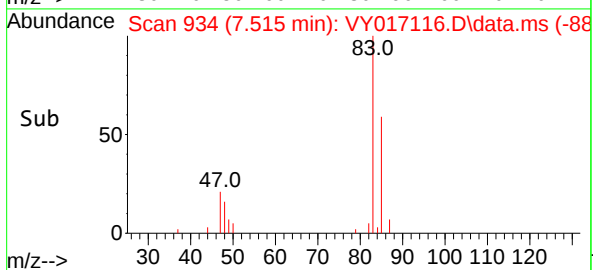
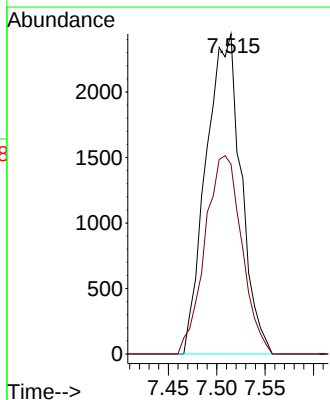
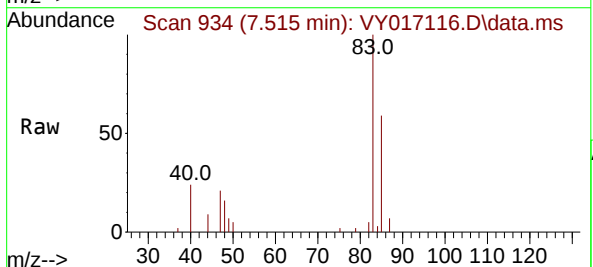
Manual Integrations
APPROVED

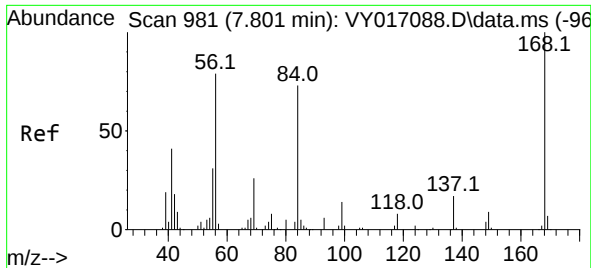
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#30
Chloroform
Concen: 2.528 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

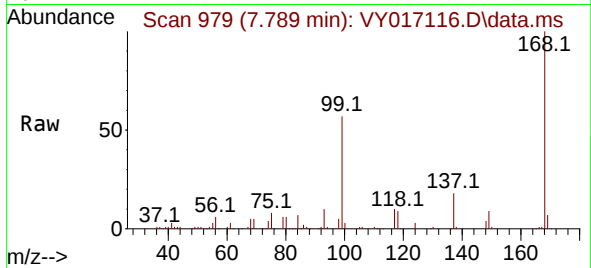
Tgt Ion: 83 Resp: 6142
Ion Ratio Lower Upper
83 100
85 59.3 51.2 76.8





#31
Cyclohexane
Concen: 3.376 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

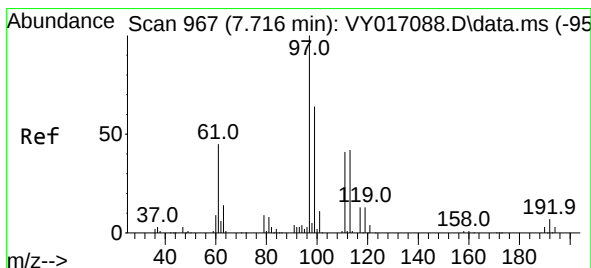
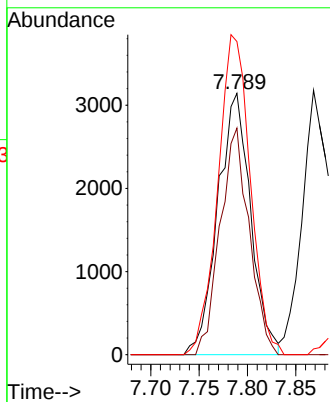
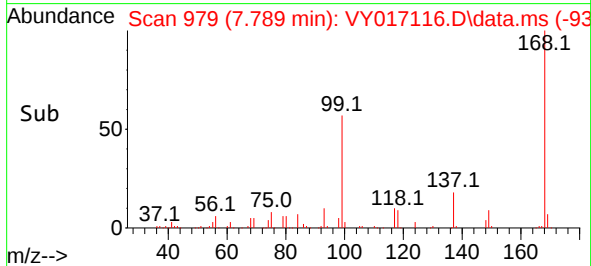
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 56 Resp: 744
Ion Ratio Lower Upper
56 100
69 86.8 27.0 40.6
84 119.9 71.8 107.6

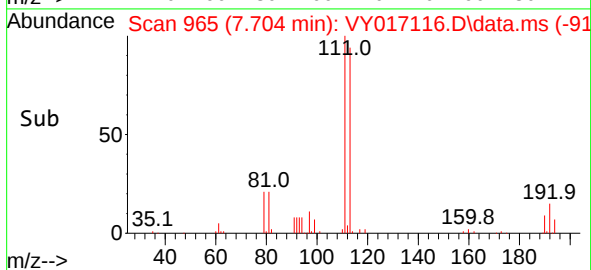
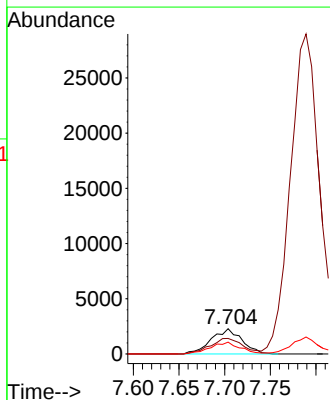
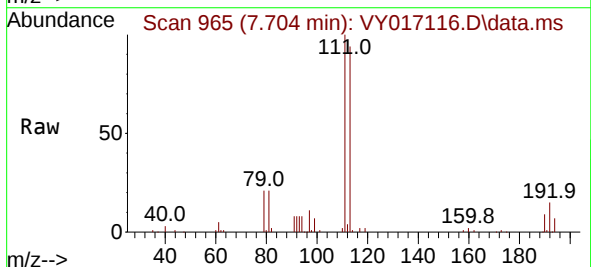
Manual Integrations
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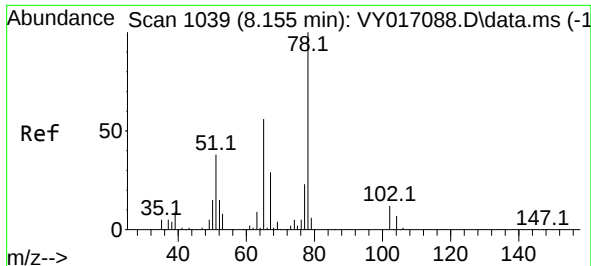
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#32
1,1,1-Trichloroethane
Concen: 2.541 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion: 97 Resp: 5295
Ion Ratio Lower Upper
97 100
99 67.0 51.2 76.8
61 45.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 59.128 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 65 Resp: 6597

Ion Ratio Lower Upper

65 100

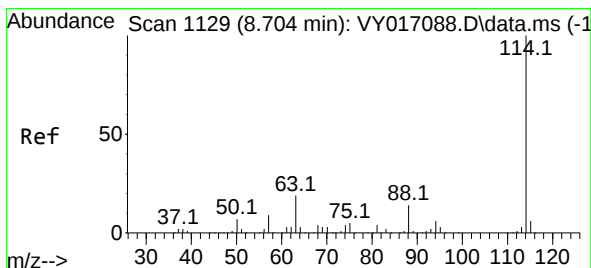
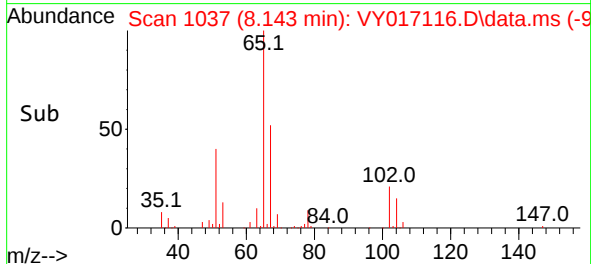
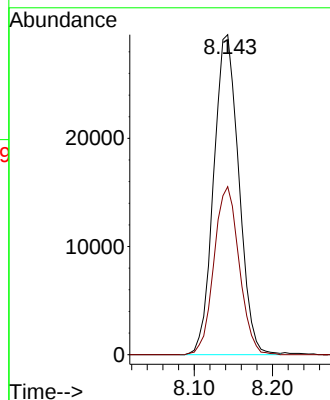
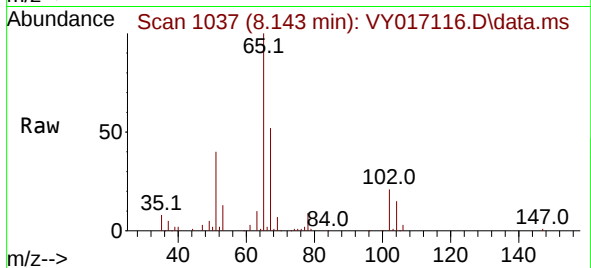
67 52.6 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

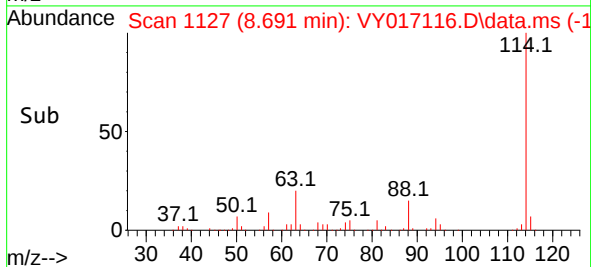
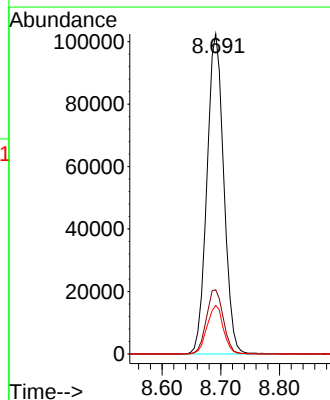
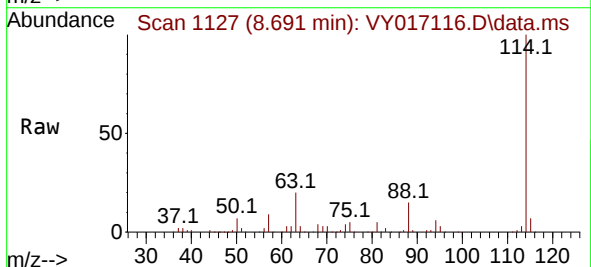
Tgt Ion:114 Resp: 203488

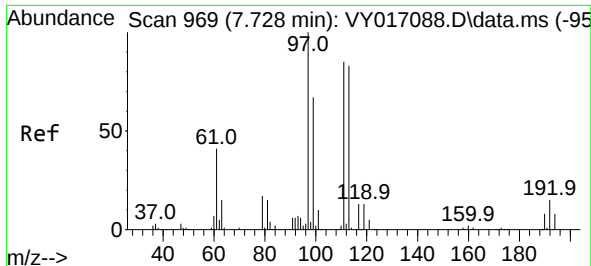
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.155 ug/l

RT: 7.716 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

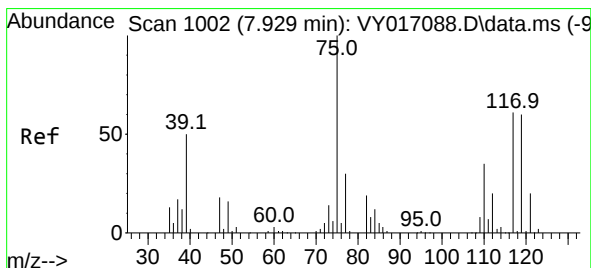
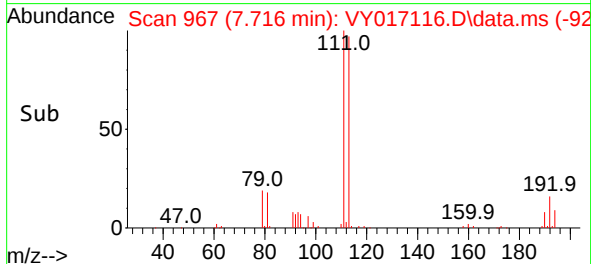
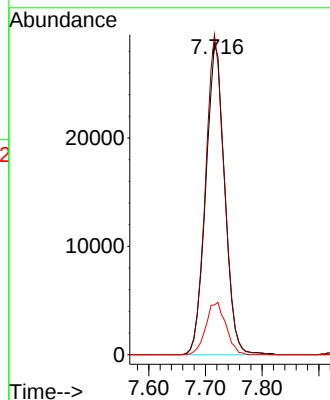
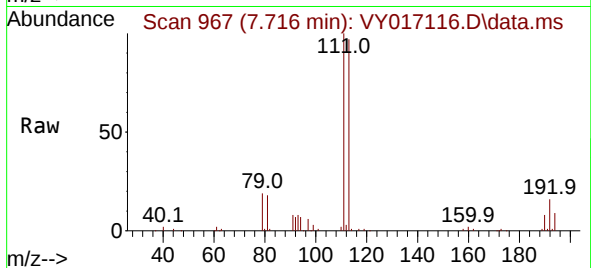
MDL-SOIL-03-QT1-2024

Tgt Ion:	113	Resp:	66510
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.8	125.6
192	17.8	14.5	21.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#36

1,1-Dichloropropene

Concen: 2.598 ug/l

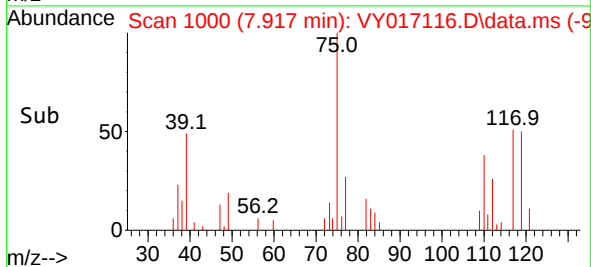
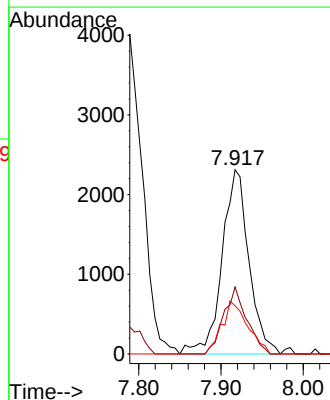
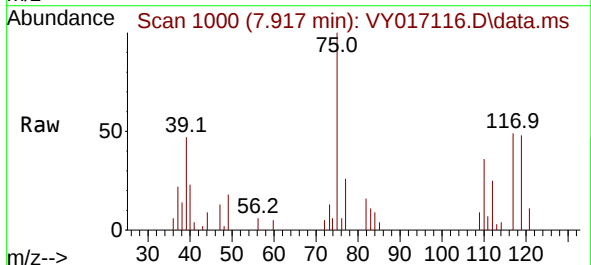
RT: 7.917 min Scan# 1000

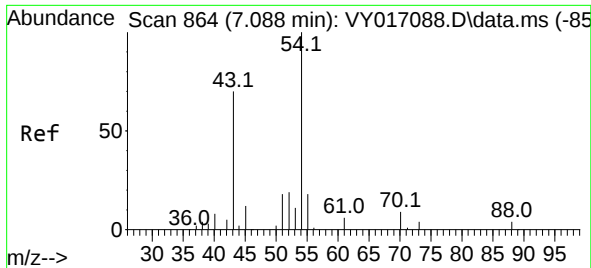
Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

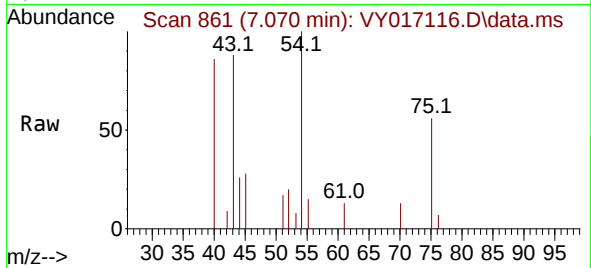
Tgt Ion:	75	Resp:	5250
Ion	Ratio	Lower	Upper
75	100		
110	31.3	17.4	52.3
77	27.6	24.7	37.1





#37
Ethyl Acetate
Concen: 2.460 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.018 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

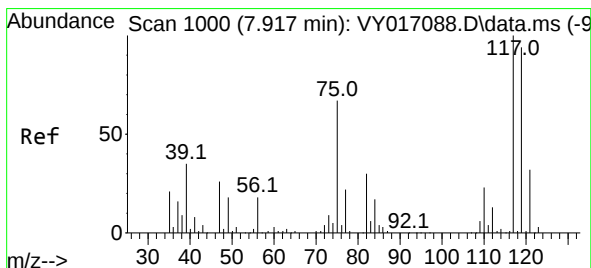
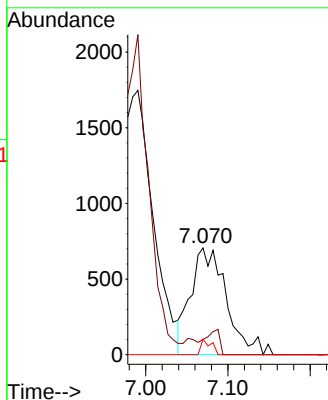
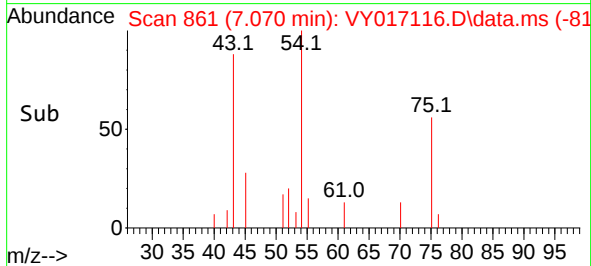
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
61 9.3 11.0 16.6
70 4.2 8.1 12.1

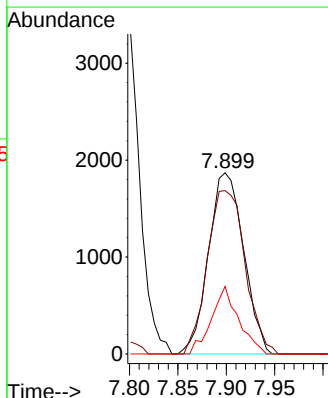
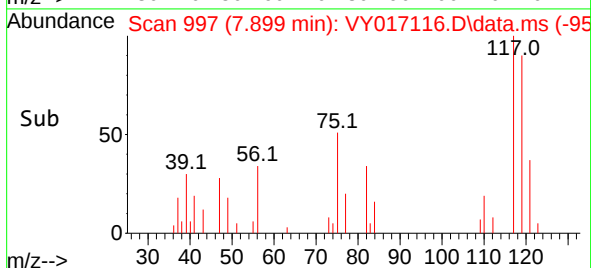
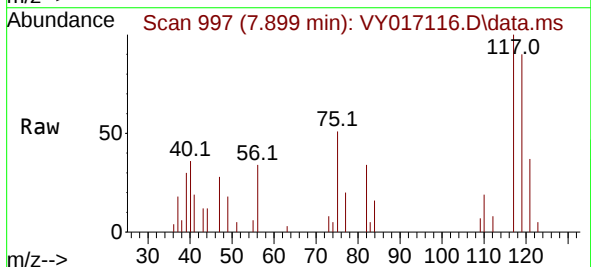
Manual Integrations
APPROVED

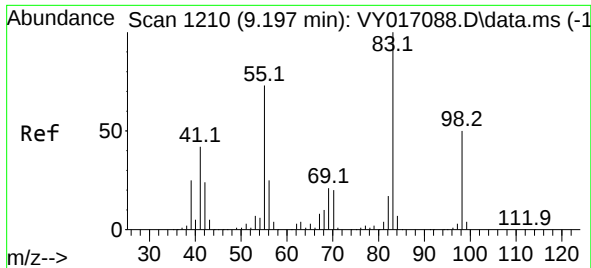
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#38
Carbon Tetrachloride
Concen: 2.387 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.018 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

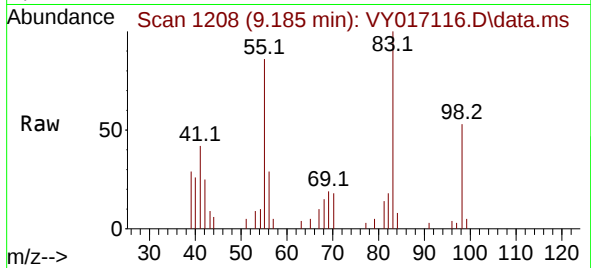
Tgt Ion:117 Resp: 4726
Ion Ratio Lower Upper
117 100
119 90.2 76.0 114.0
121 37.3 24.2 36.2





#39
Methylcyclohexane
Concen: 2.278 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

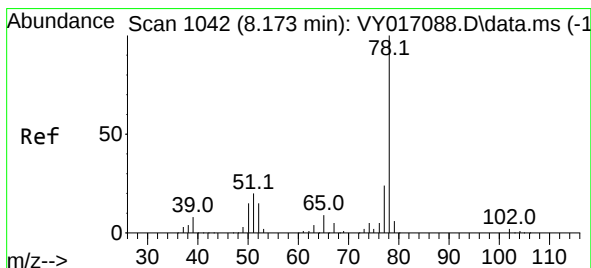
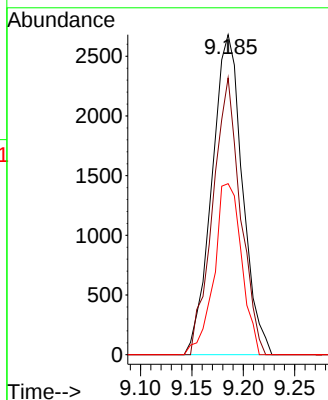
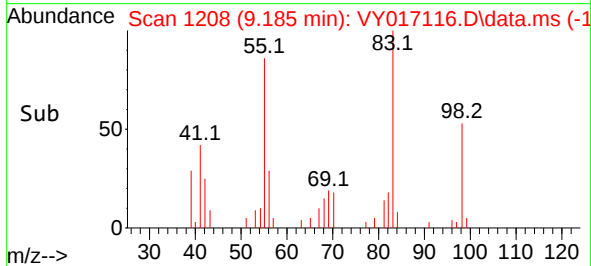
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 83 Resp: 5530
Ion Ratio Lower Upper
83 100
55 86.5 59.7 89.5
98 53.5 38.0 57.0

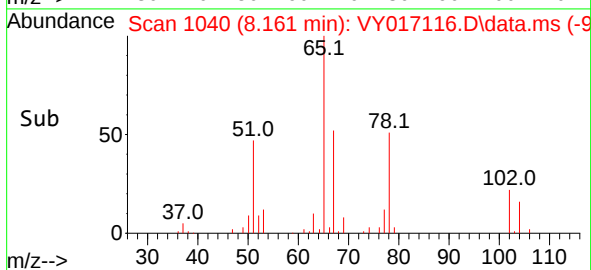
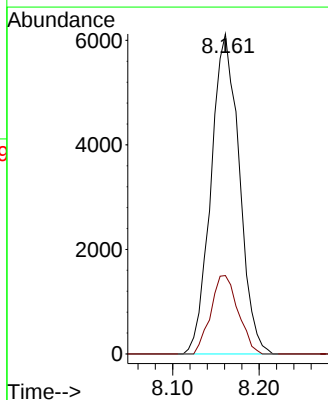
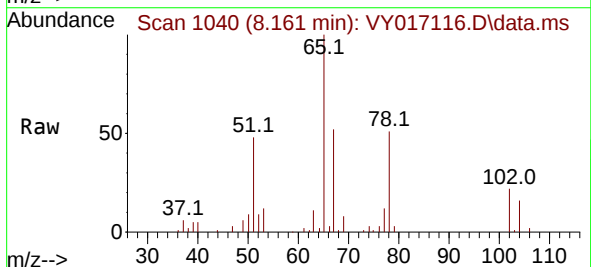
Manual Integrations
APPROVED

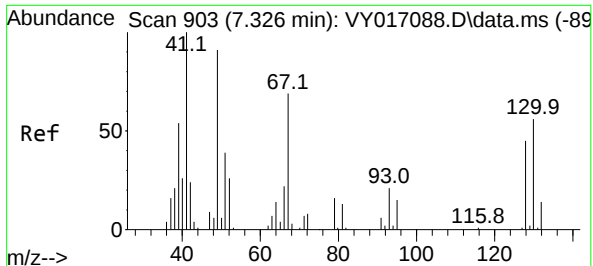
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#40
Benzene
Concen: 2.365 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

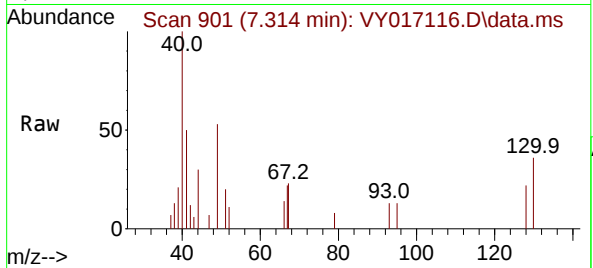
Tgt Ion: 78 Resp: 13876
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2





#41
Methacrylonitrile
Concen: 2.053 ug/l m
RT: 7.314 min Scan# 903
Delta R.T. -0.005 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

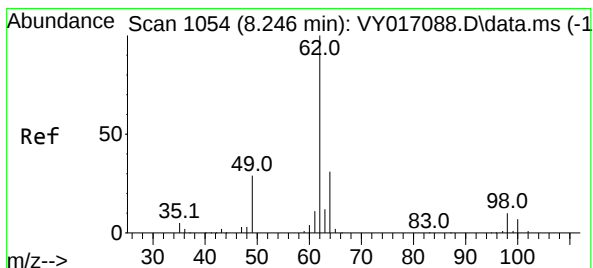
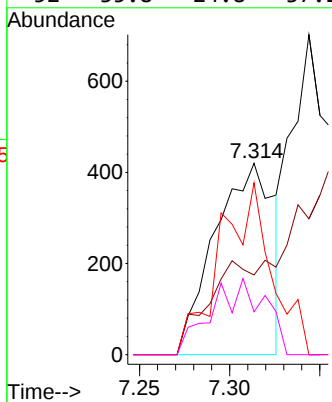
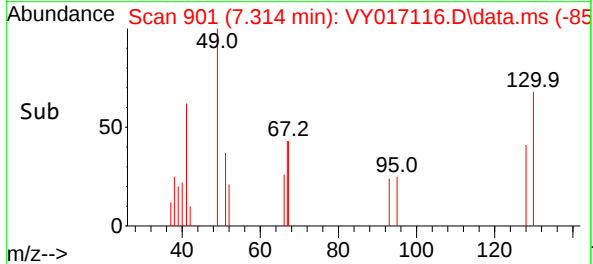
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 41 Resp: 954
Ion Ratio Lower Upper
41 100
39 39.1 41.9 62.9
67 42.3 59.8 89.6
52 35.8 24.8 37.2

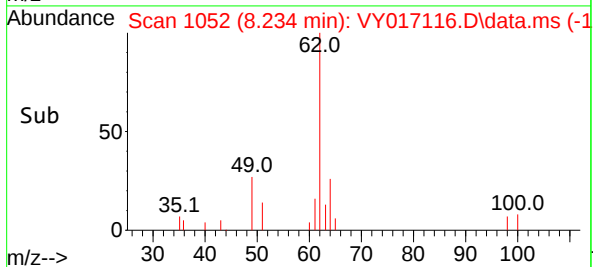
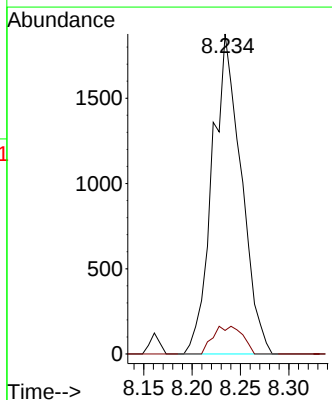
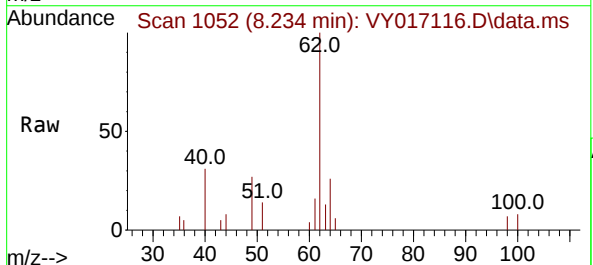
Manual Integrations
APPROVED

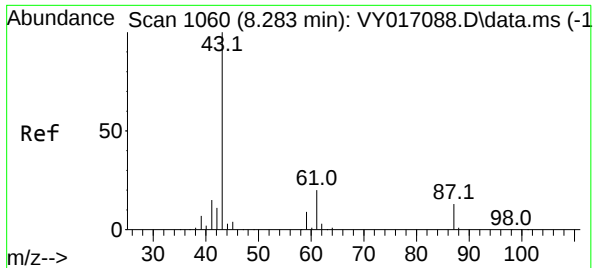
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#42
1,2-Dichloroethane
Concen: 2.576 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.018 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

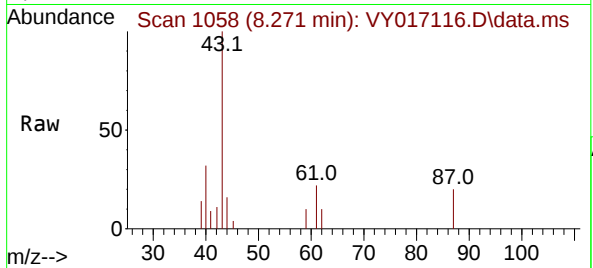
Tgt Ion: 62 Resp: 3919
Ion Ratio Lower Upper
62 100
98 8.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 2.311 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

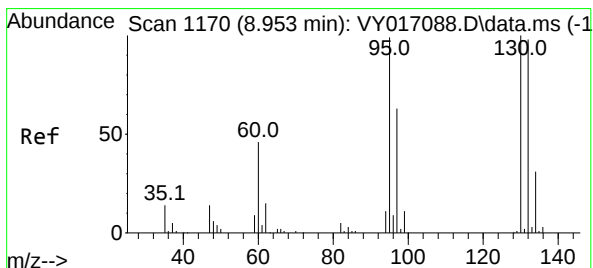
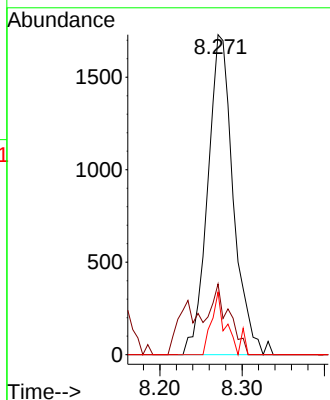
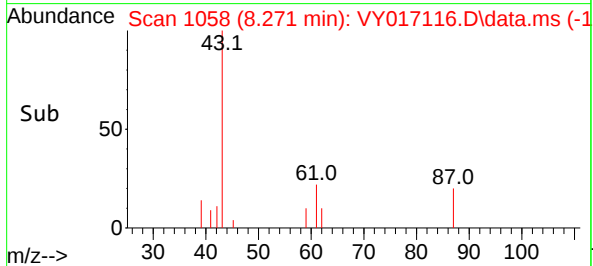
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 3749
Ion Ratio Lower Upper
43 100
61 16.4 24.8 37.2
87 10.3 10.7 16.1

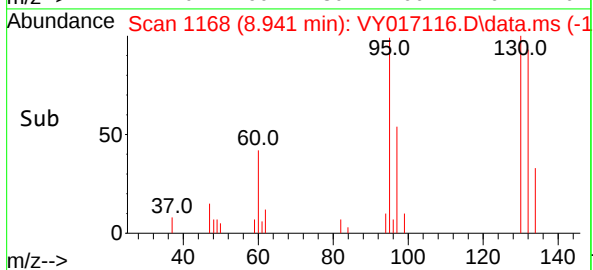
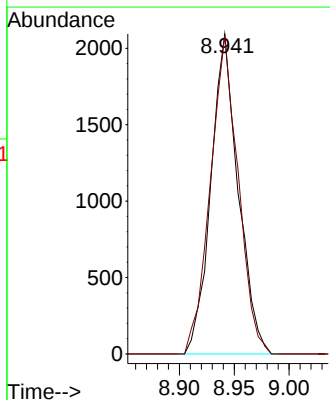
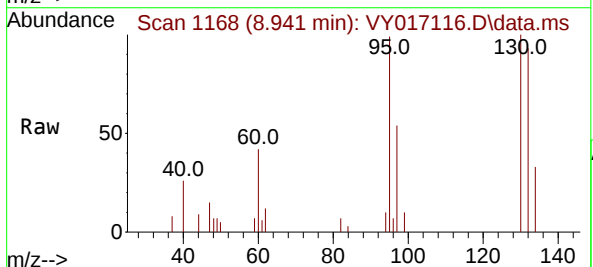
Manual Integrations
APPROVED

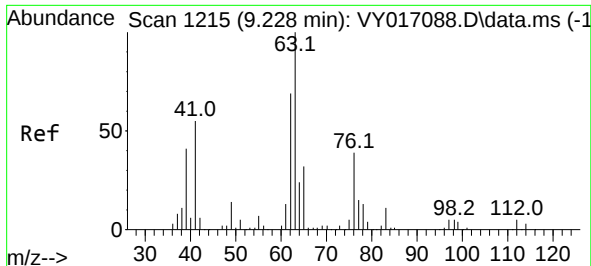
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#44
Trichloroethene
Concen: 2.410 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion:130 Resp: 3627
Ion Ratio Lower Upper
130 100
95 99.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 2.336 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 63 Resp: 3364

Ion Ratio Lower Upper

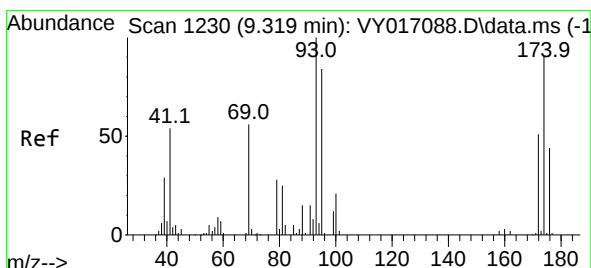
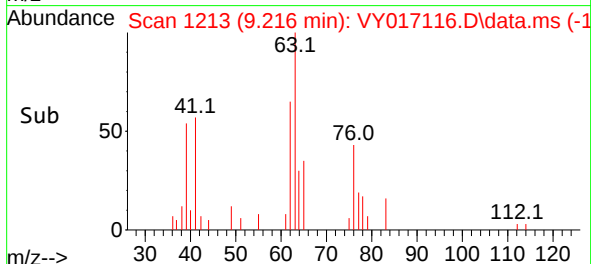
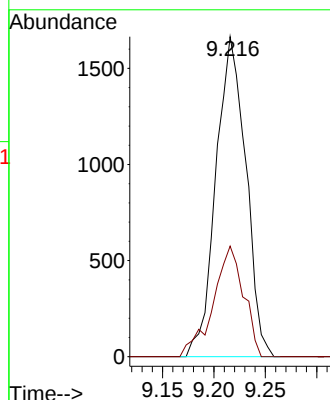
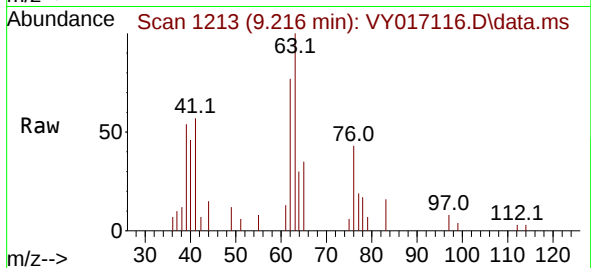
63 100

65 34.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#46

Dibromomethane

Concen: 2.281 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

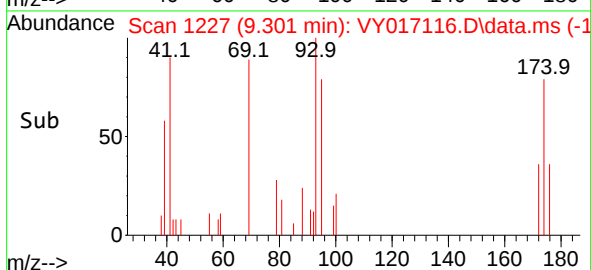
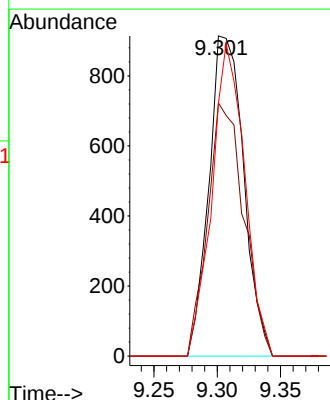
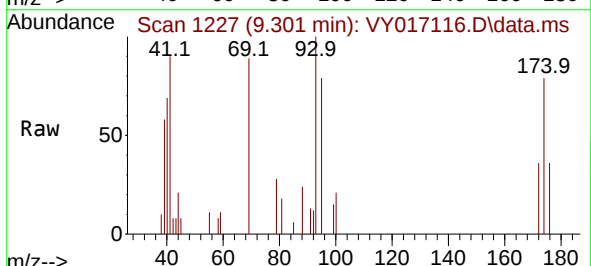
Tgt Ion: 93 Resp: 1745

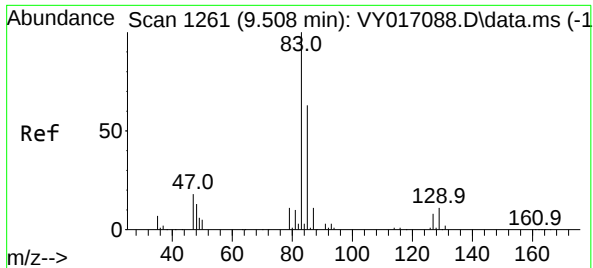
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 92.4 73.8 110.6





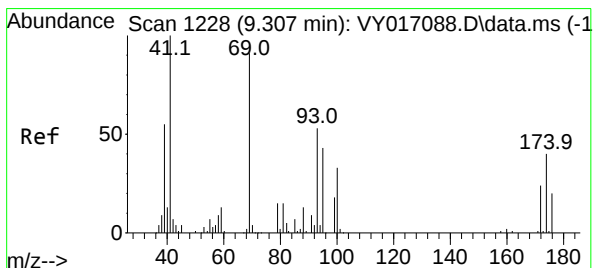
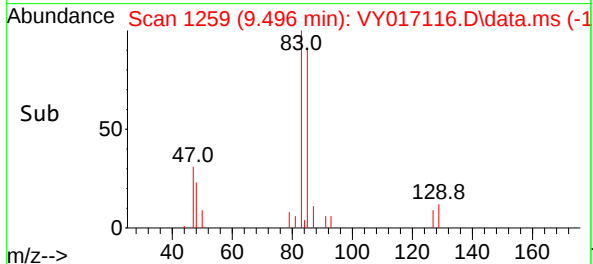
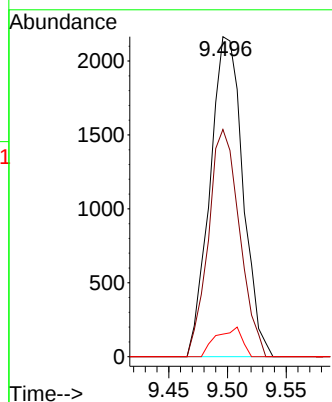
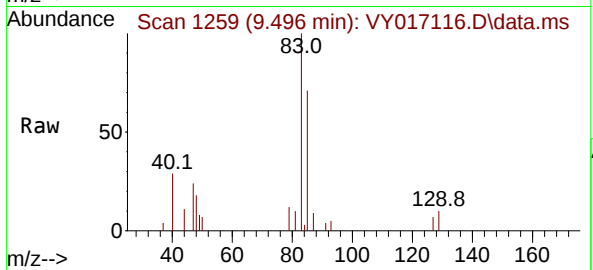
#47
Bromodichloromethane
Concen: 2.170 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024

Tgt Ion: 83 Resp: 422
Ion Ratio Lower Upper
83 100
85 71.0 53.2 79.8
127 7.1 6.4 9.6

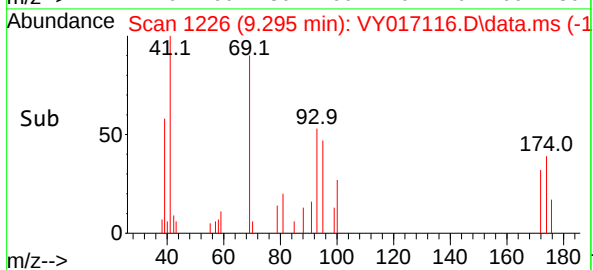
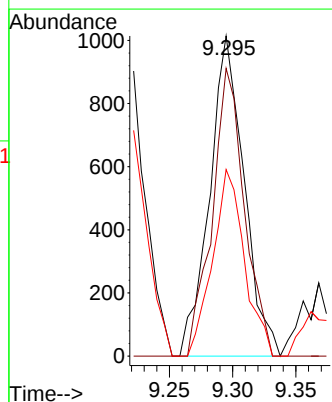
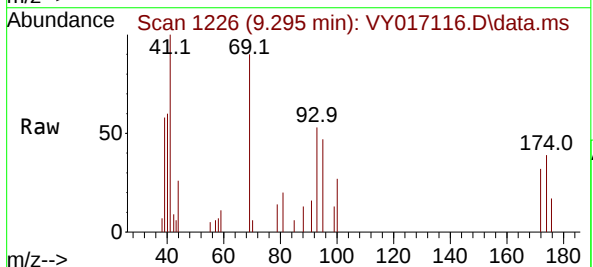
Manual Integrations
APPROVED

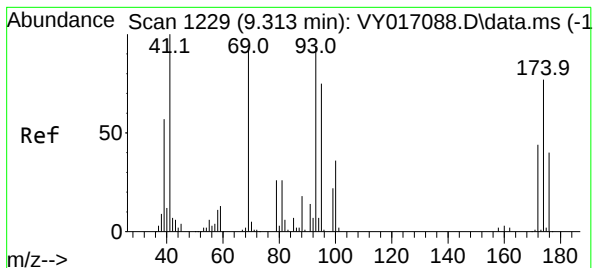
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#48
Methyl methacrylate
Concen: 2.134 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion: 41 Resp: 1922
Ion Ratio Lower Upper
41 100
69 83.7 72.1 108.1
39 53.7 42.8 64.2





#49

1,4-Dioxane

Concen: 44.528 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024

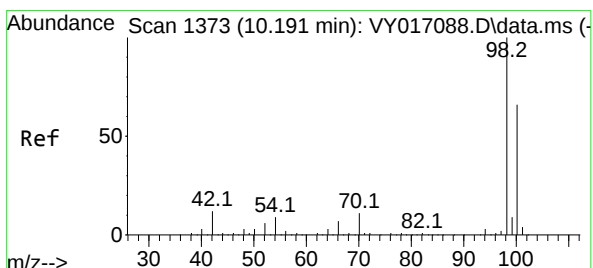
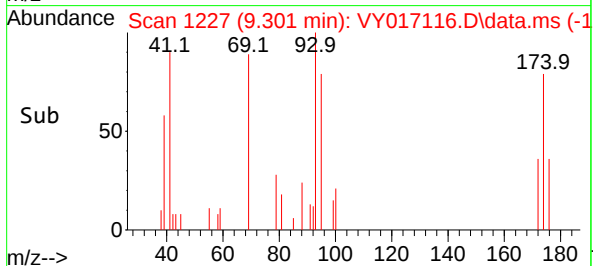
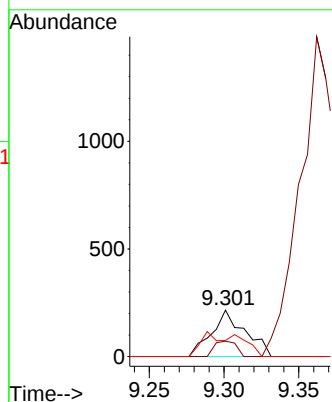
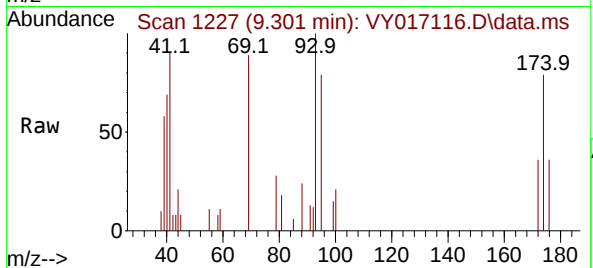
Tgt Ion: 88	Resp: 33
Ion Ratio	Lower Upper
88 100	
43 0.0	28.2 42.4
58 34.3	52.2 78.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#50

Toluene-d8

Concen: 54.172 ug/l

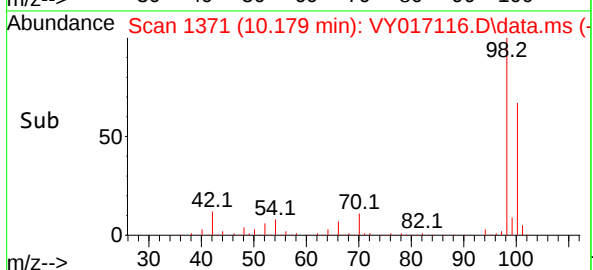
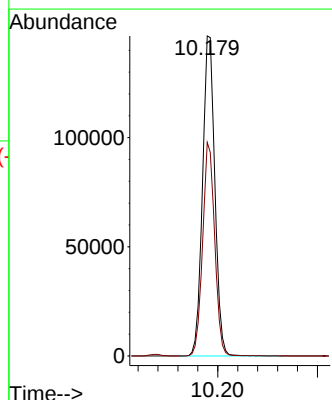
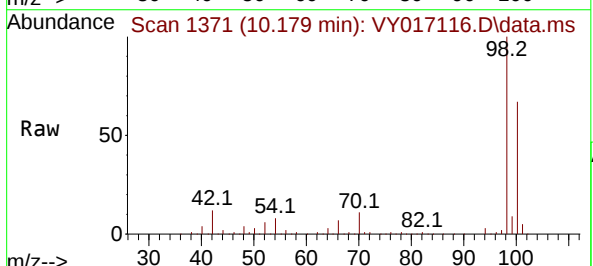
RT: 10.179 min Scan# 1371

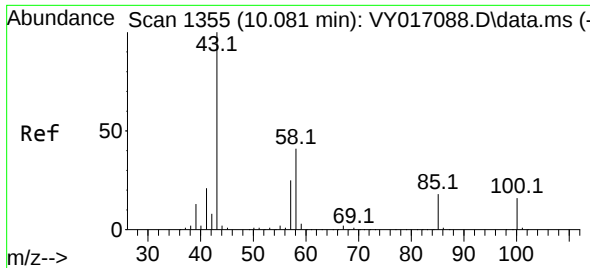
Delta R.T. -0.012 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Tgt Ion: 98	Resp: 251288
Ion Ratio	Lower Upper
98 100	
100 65.2	52.3 78.5





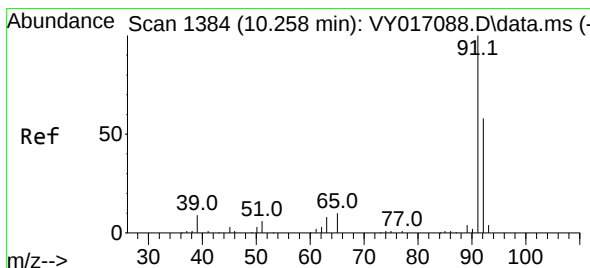
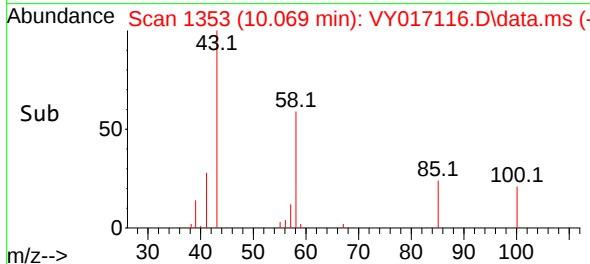
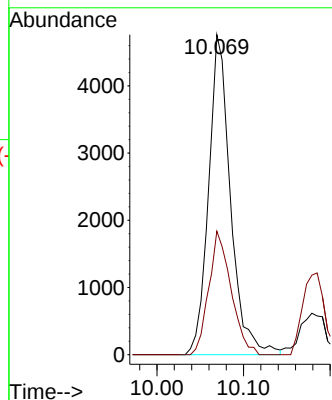
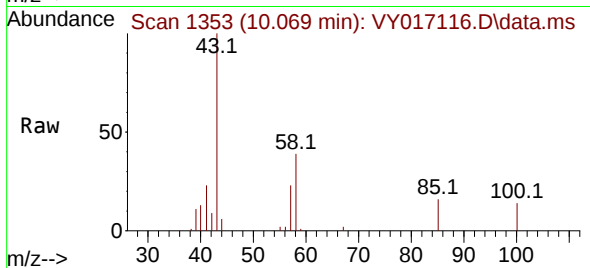
#51
4-Methyl-2-Pentanone
Concen: 9.698 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024

Tgt Ion: 43 Resp: 8368
Ion Ratio Lower Upper
43 100
58 39.2 32.2 48.2

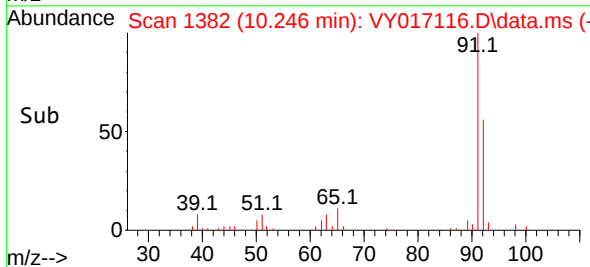
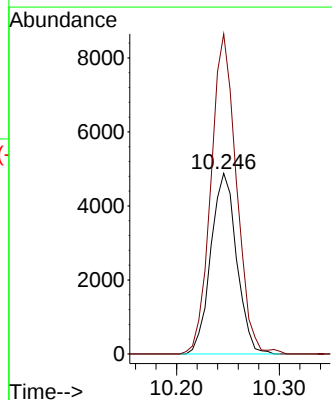
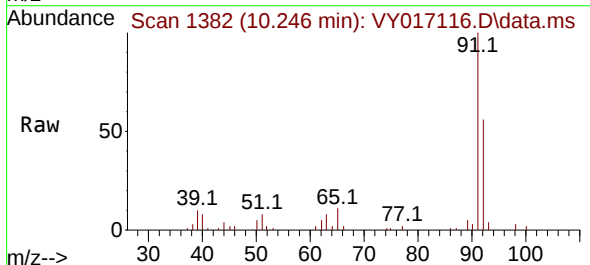
Manual Integrations
APPROVED

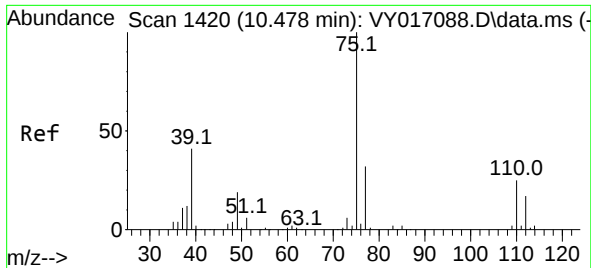
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#52
Toluene
Concen: 2.392 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

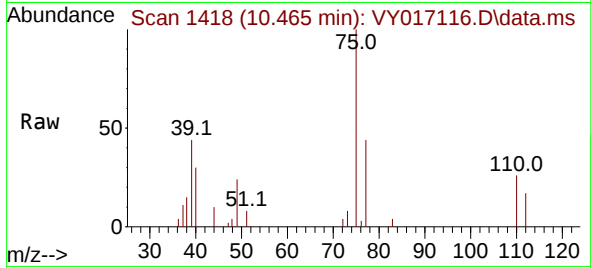
Tgt Ion: 92 Resp: 8497
Ion Ratio Lower Upper
92 100
91 175.4 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 2.075 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

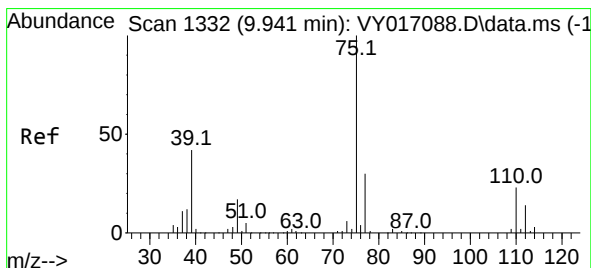
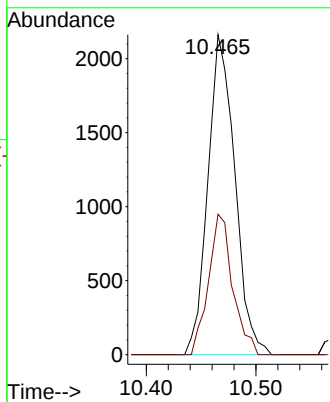
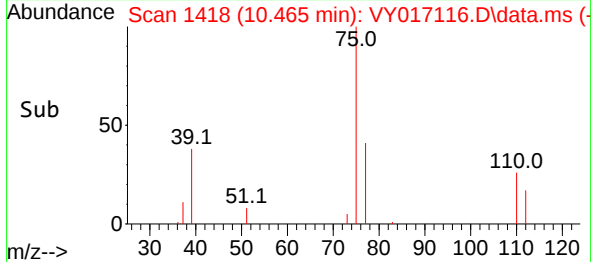
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 75 Resp: 368
Ion Ratio Lower Upper
75 100
77 43.9 24.6 36.8

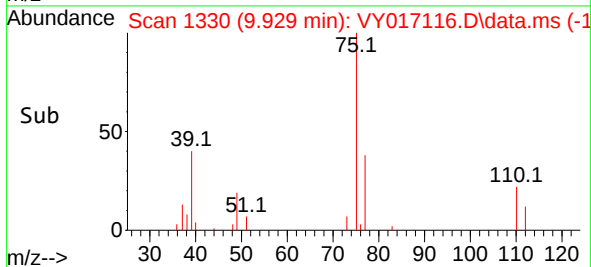
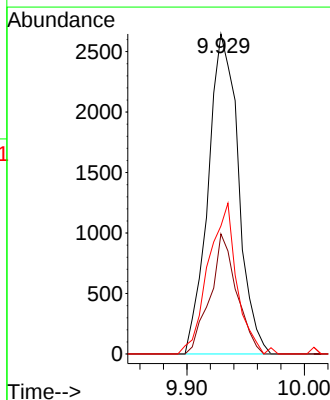
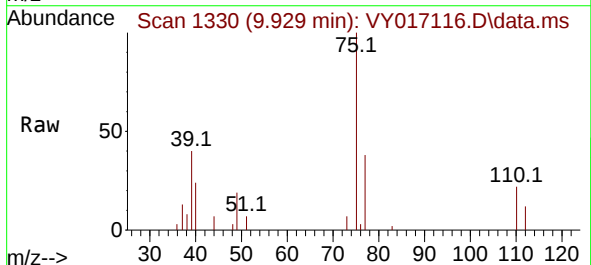
Manual Integrations
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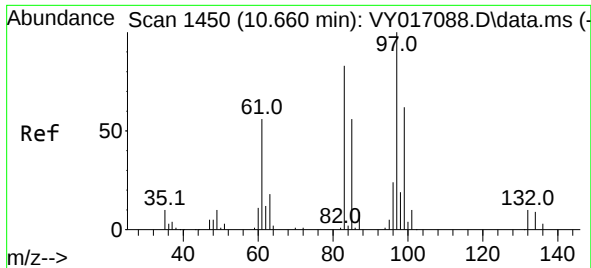
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#54
cis-1,3-Dichloropropene
Concen: 2.164 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

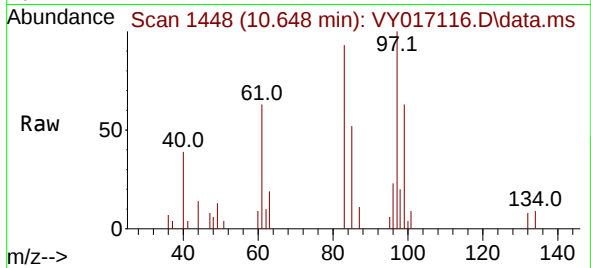
Tgt Ion: 75 Resp: 4732
Ion Ratio Lower Upper
75 100
77 37.5 24.6 36.8
39 40.0 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 2.190 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

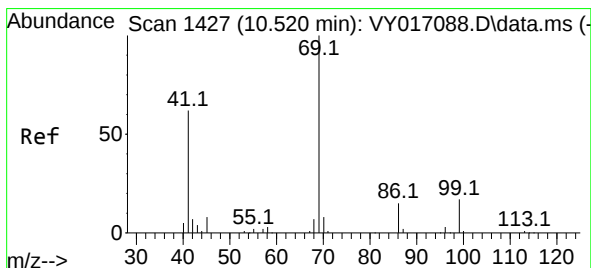
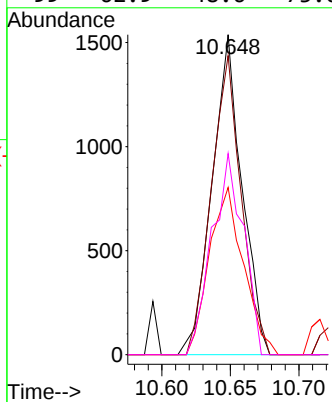
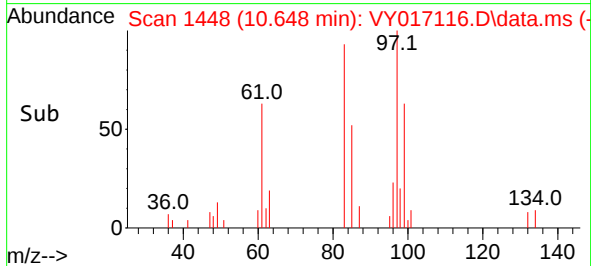
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion:	97	Resp:	234
Ion	Ratio	Lower	Upper
97	100		
83	93.4	69.4	104.2
85	52.3	43.9	65.9
99	62.9	48.6	73.0

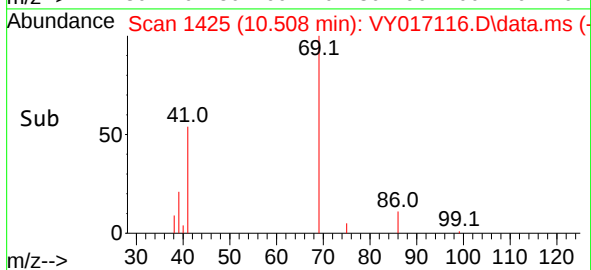
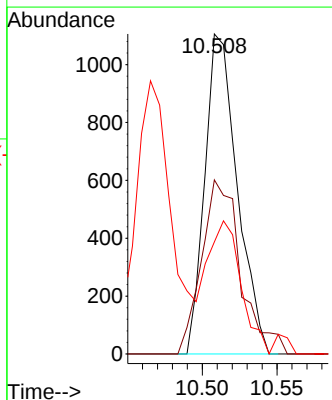
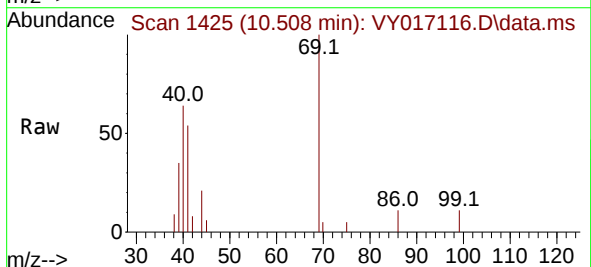
Manual Integrations
APPROVED

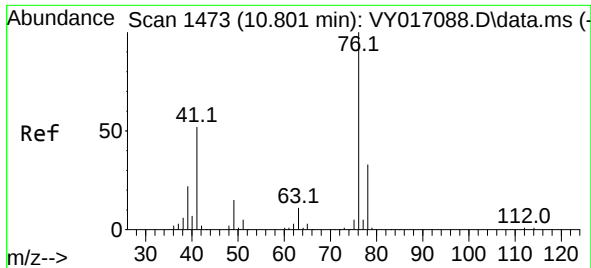
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#56
Ethyl methacrylate
Concen: 1.786 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

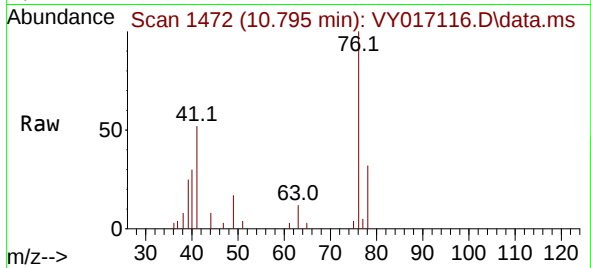
Tgt Ion:	69	Resp:	1670
Ion	Ratio	Lower	Upper
69	100		
41	65.4	49.2	73.8
39	43.1	26.8	40.2





#57
1,3-Dichloropropane
Concen: 2.270 ug/l
RT: 10.795 min Scan# 1473
Delta R.T. -0.005 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

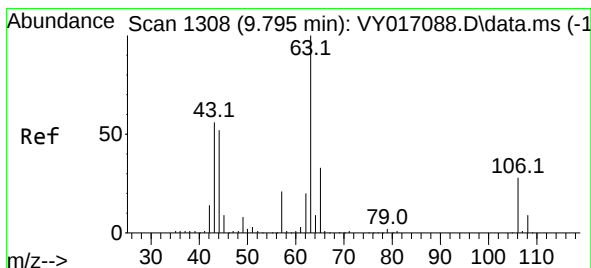
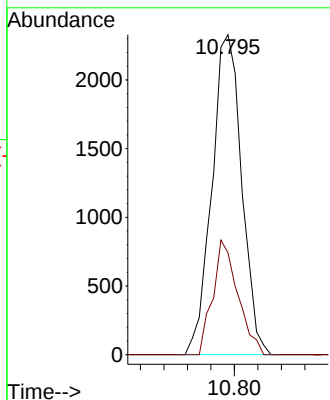
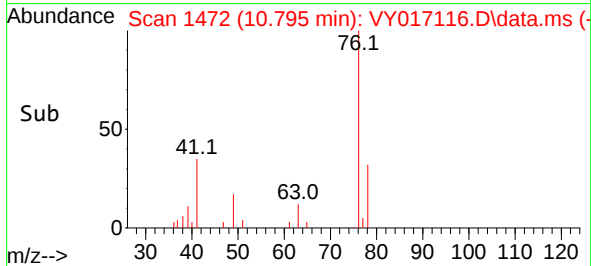
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 76 Resp: 410
Ion Ratio Lower Upper
76 100
78 30.1 26.1 39.1

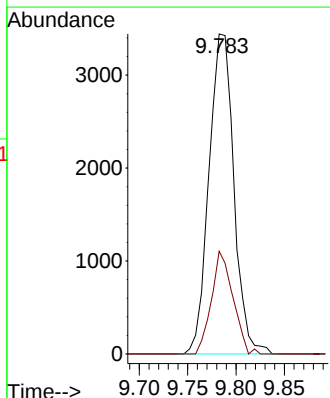
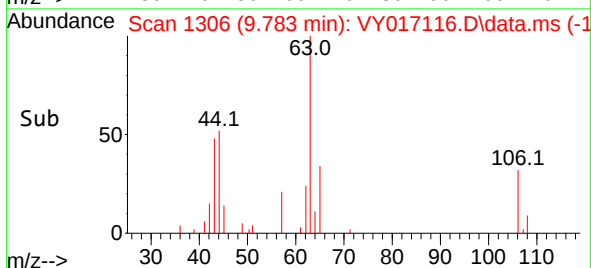
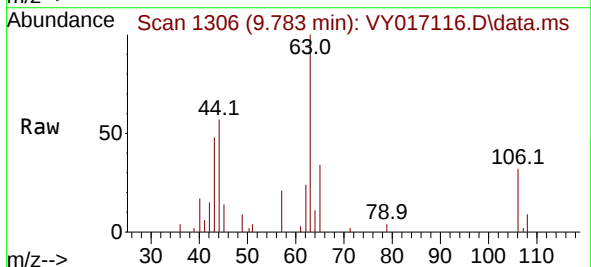
Manual Integrations
APPROVED

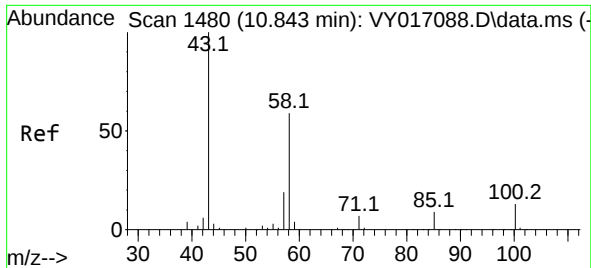
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 9.517 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.005 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

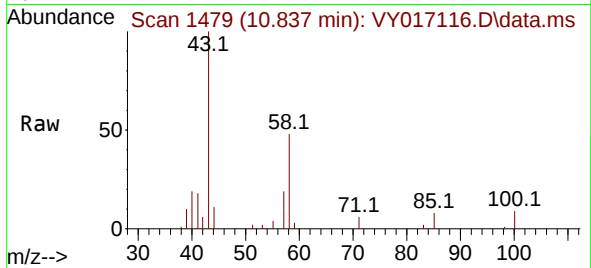
Tgt Ion: 63 Resp: 6176
Ion Ratio Lower Upper
63 100
106 27.6 22.4 33.6





#59
2-Hexanone
Concen: 9.416 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

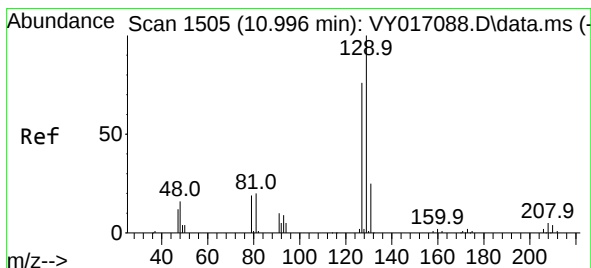
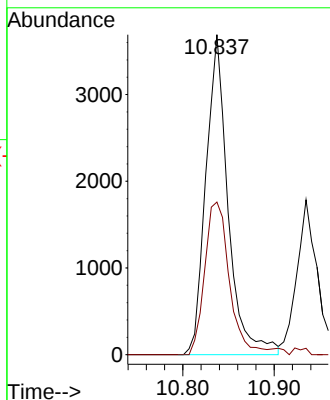
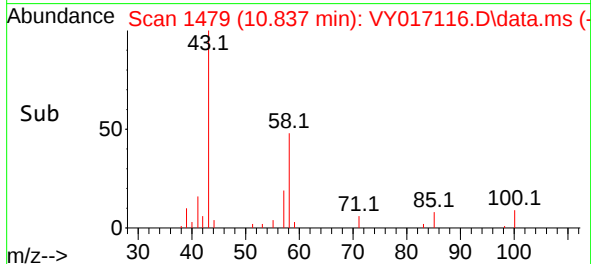
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 6198
Ion Ratio Lower Upper
43 100
58 53.0 28.1 84.3

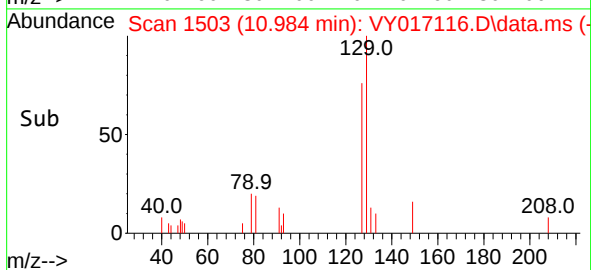
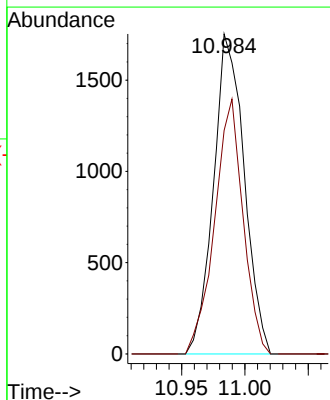
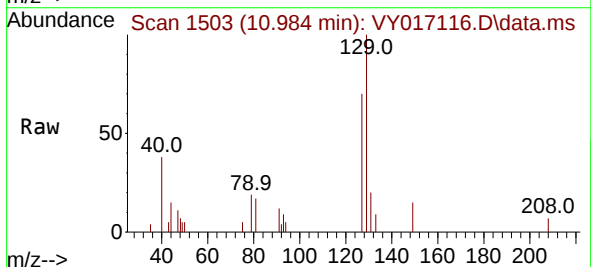
Manual Integrations
APPROVED

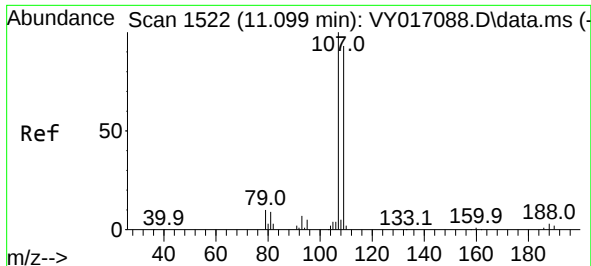
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#60
Dibromochloromethane
Concen: 2.373 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

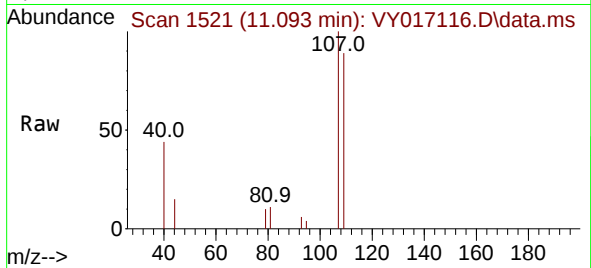
Tgt Ion:129 Resp: 2948
Ion Ratio Lower Upper
129 100
127 74.1 39.2 117.6





#61
1,2-Dibromoethane
Concen: 2.262 ug/l
RT: 11.093 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

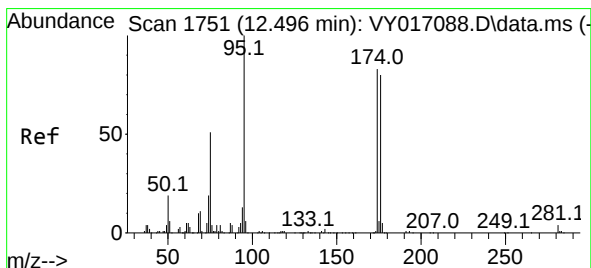
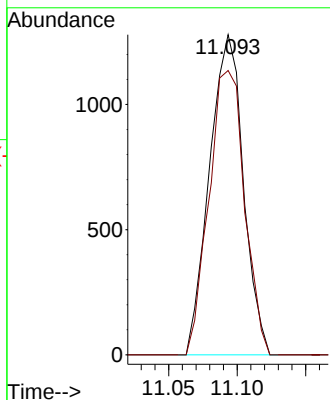
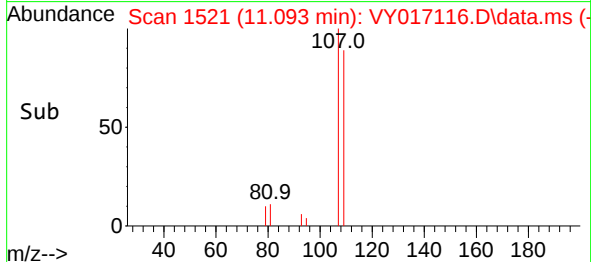
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:107 Resp: 219
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.2

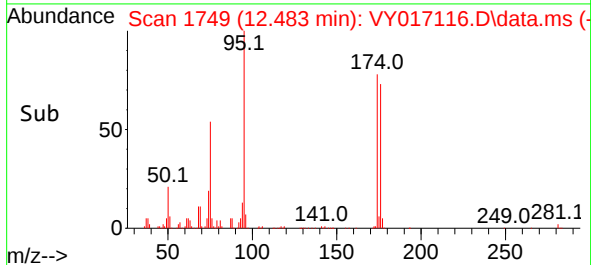
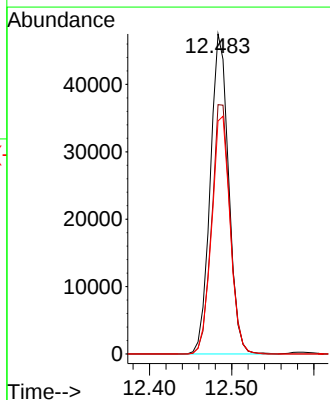
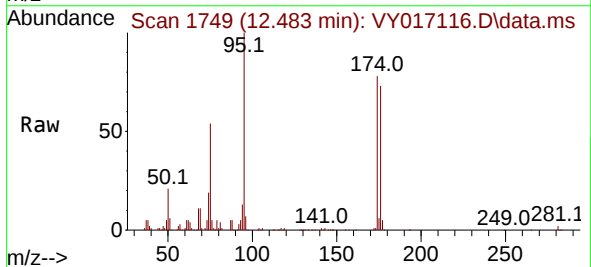
Manual Integrations
APPROVED

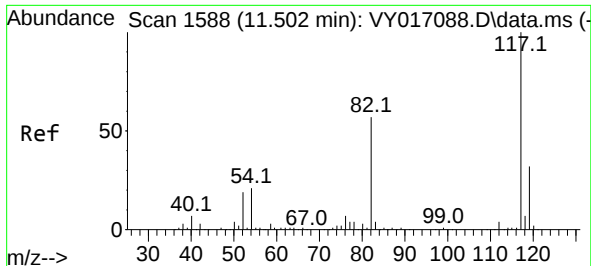
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

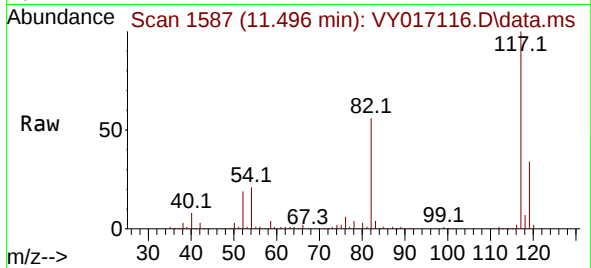
Tgt Ion: 95 Resp: 73596
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 74.9 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

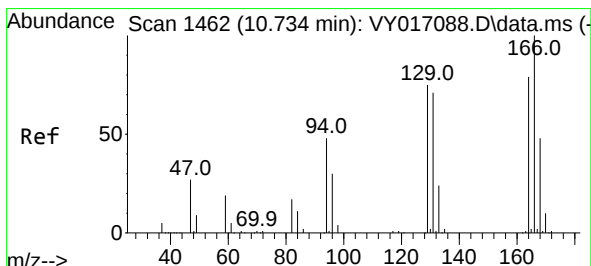
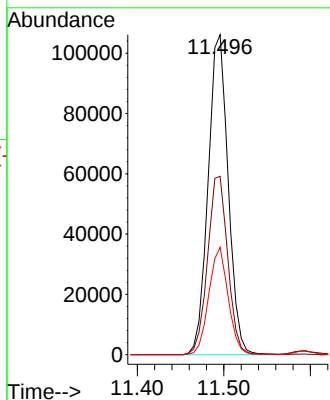
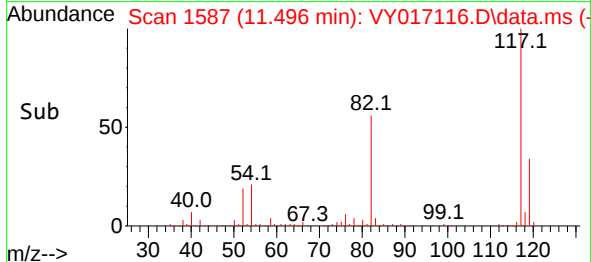
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:117 Resp: 170800
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 33.5 26.5 39.7

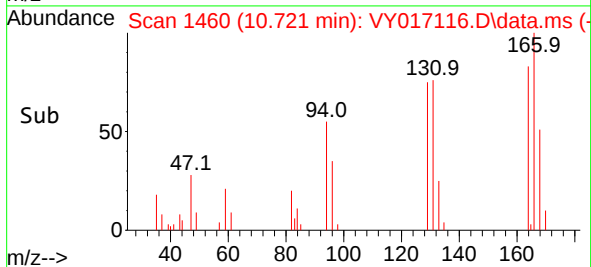
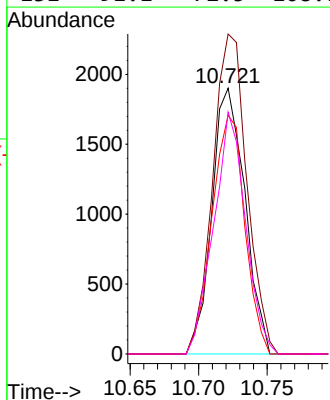
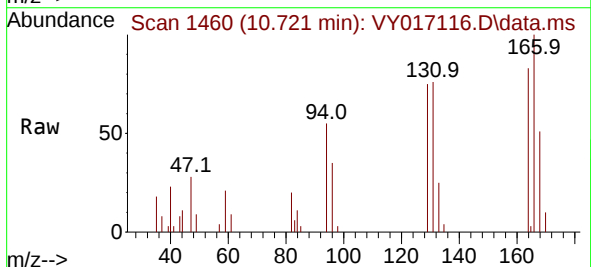
Manual Integrations
APPROVED

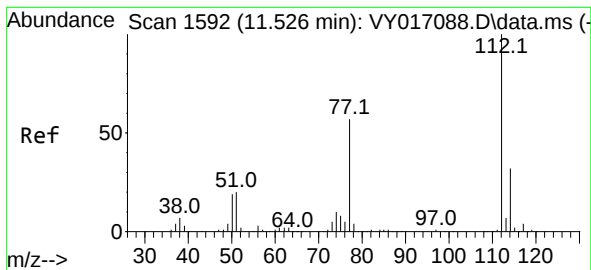
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#64
Tetrachloroethene
Concen: 2.674 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

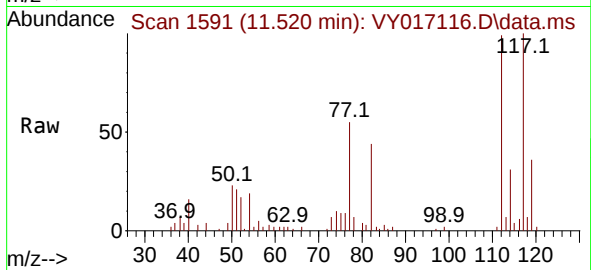
Tgt Ion:164 Resp: 3183
Ion Ratio Lower Upper
164 100
166 120.4 98.8 148.2
129 89.8 78.9 118.3
131 91.1 72.5 108.7





#65
Chlorobenzene
Concen: 2.469 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

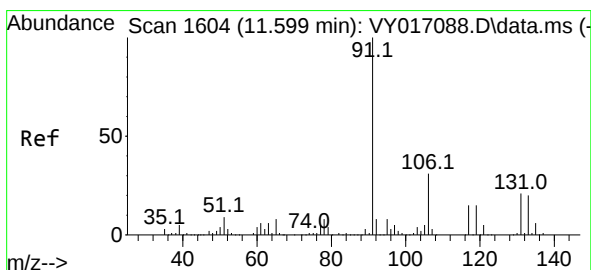
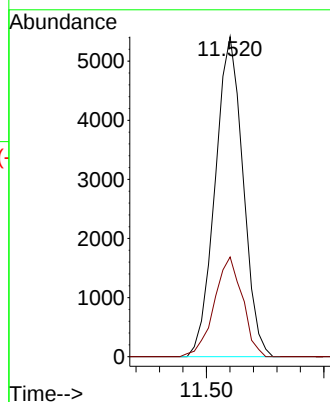
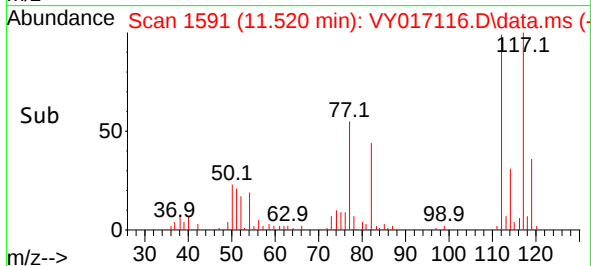
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



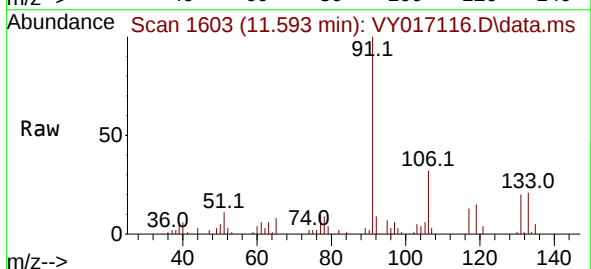
Tgt Ion:112 Resp: 8938
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1

Manual Integrations
APPROVED

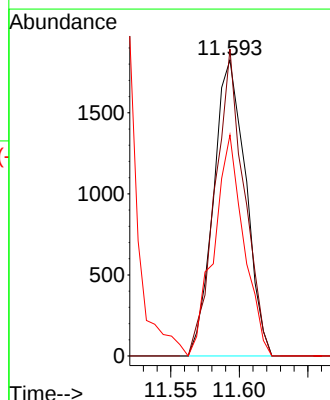
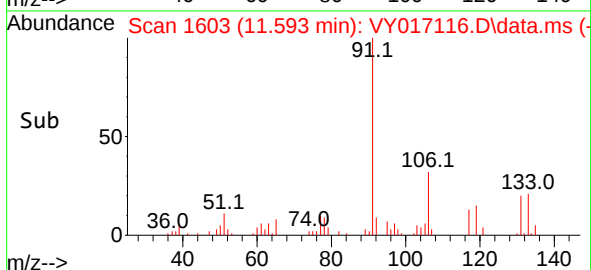
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024

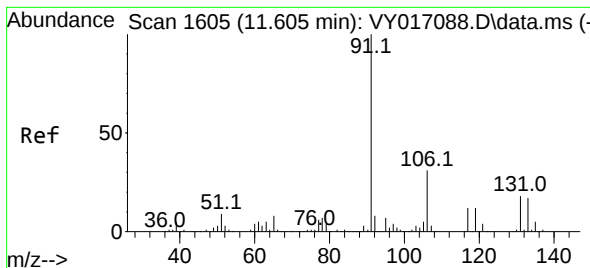


#66
1,1,1,2-Tetrachloroethane
Concen: 2.256 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10



Tgt Ion:131 Resp: 2982
Ion Ratio Lower Upper
131 100
133 93.6 47.0 141.0
119 69.2 33.3 99.9





#67

Ethyl Benzene

Concen: 2.187 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 91 Resp: 1439

Ion Ratio Lower Upper

91 100

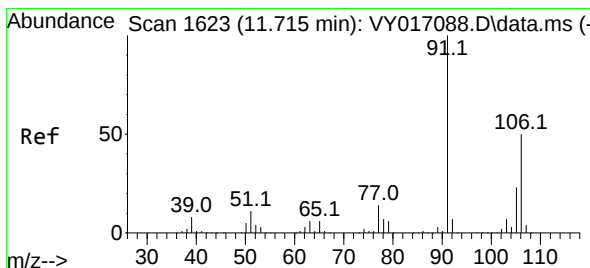
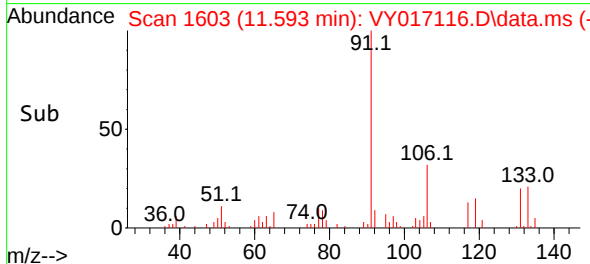
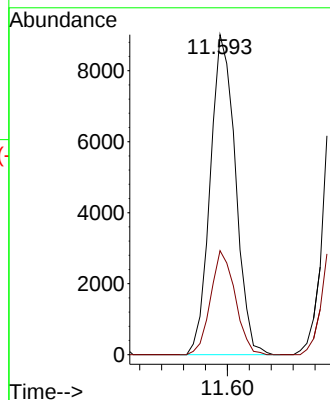
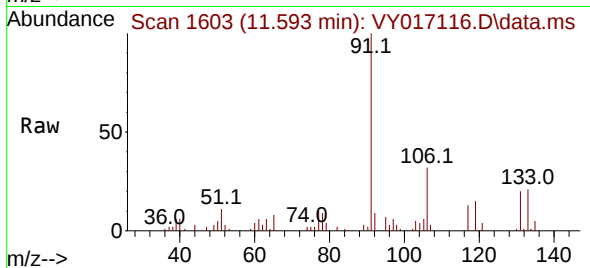
106 32.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#68

m/p-Xylenes

Concen: 4.354 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017116.D

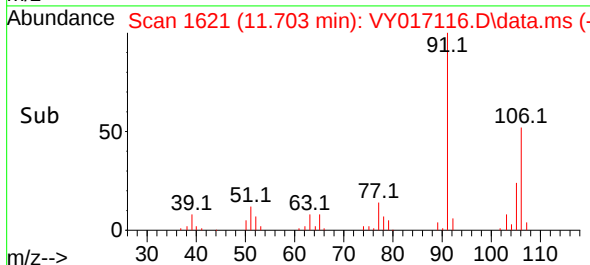
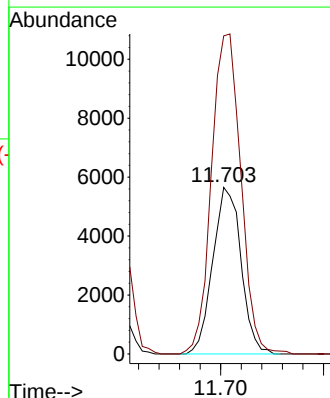
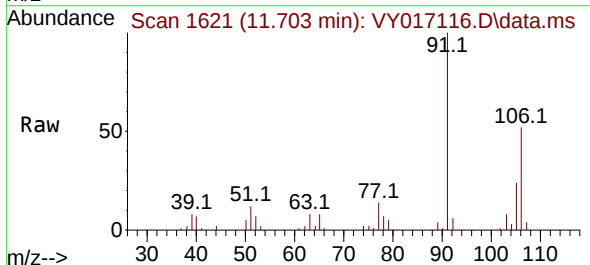
Acq: 26 Jan 2024 13:10

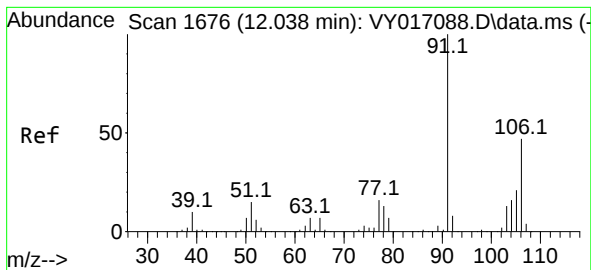
Tgt Ion:106 Resp: 10763

Ion Ratio Lower Upper

106 100

91 200.2 160.7 241.1





#69

o-Xylene

Concen: 2.060 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion:106 Resp: 462

Ion Ratio Lower Upper

106 100

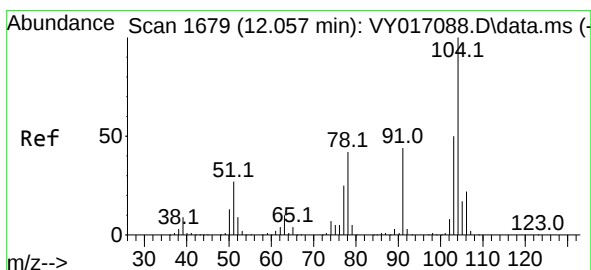
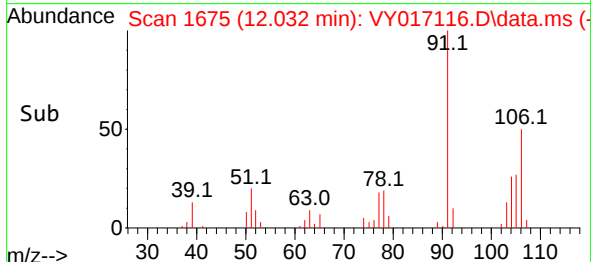
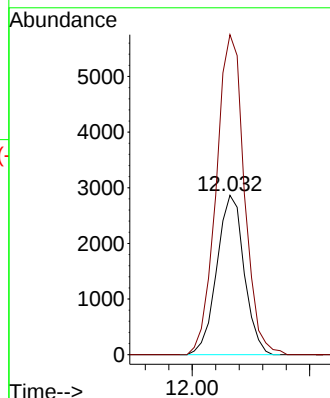
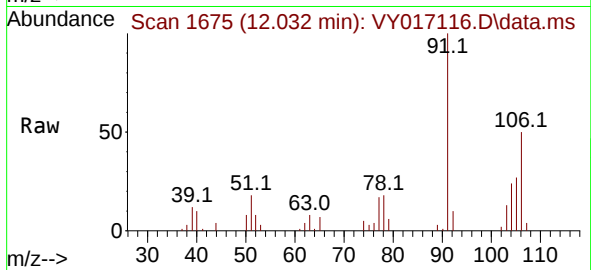
91 206.4 106.5 319.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#70

Styrene

Concen: 1.895 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

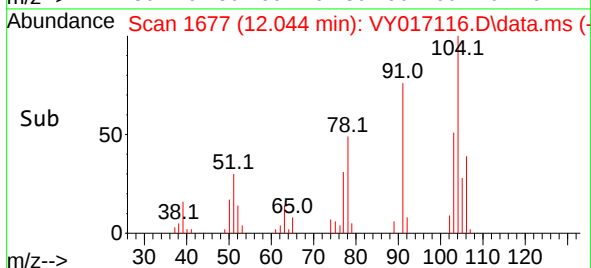
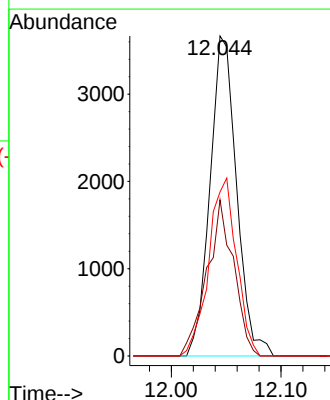
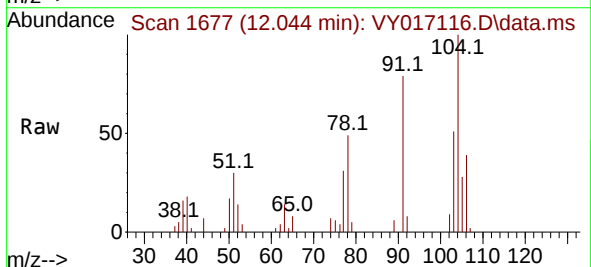
Tgt Ion:104 Resp: 6179

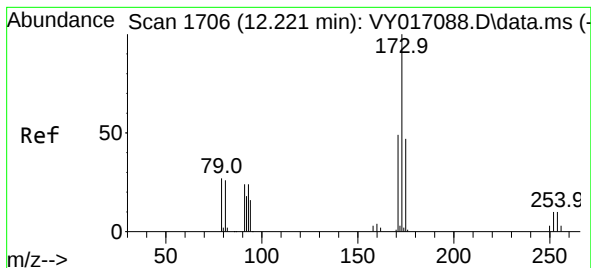
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 58.1 43.8 65.6





#71

Bromoform

Concen: 2.264 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

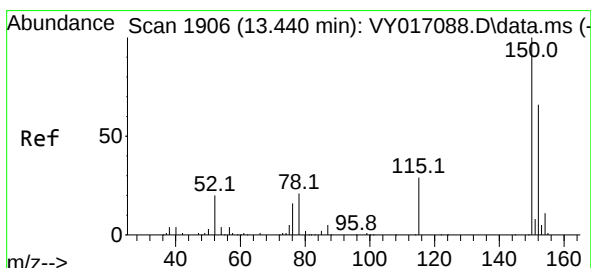
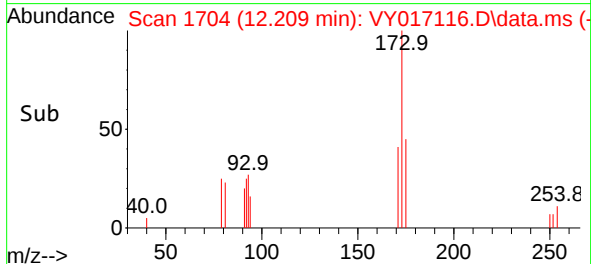
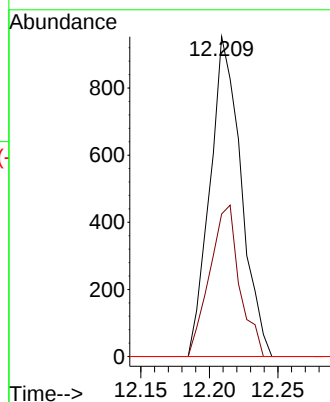
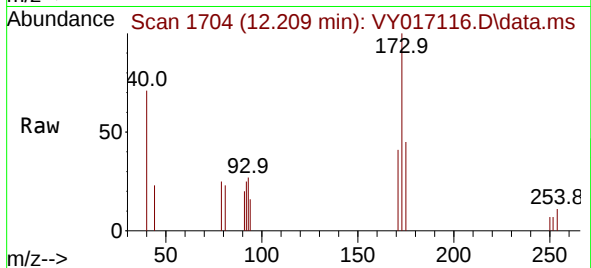
MDL-SOIL-03-QT1-2024

Tgt Ion:	173	Resp:	150
Ion Ratio	Lower	Upper	
173	100		
175	45.6	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

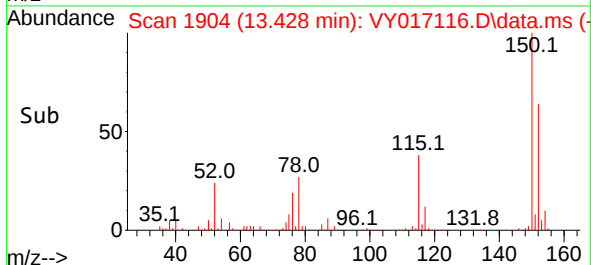
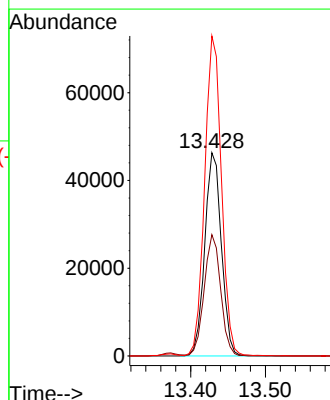
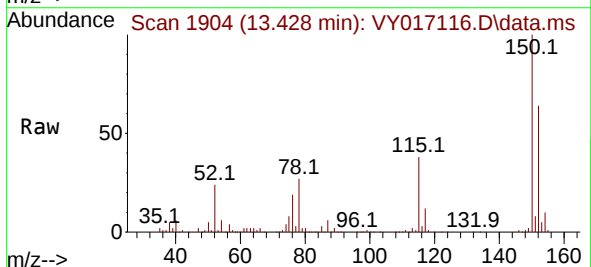
RT: 13.428 min Scan# 1904

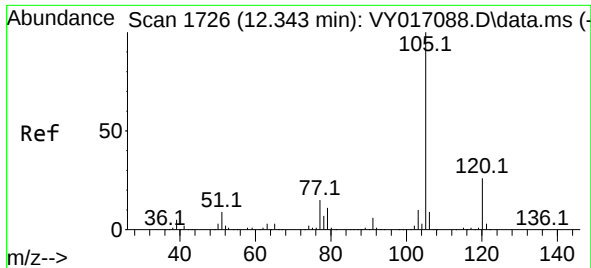
Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

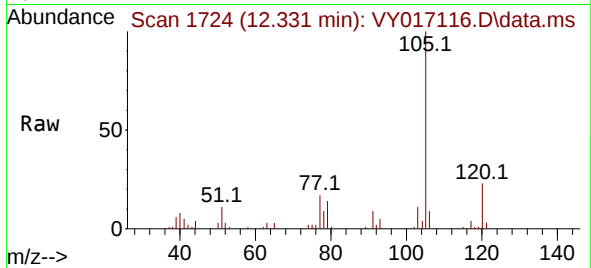
Tgt Ion:	152	Resp:	71551
Ion Ratio	Lower	Upper	
152	100		
115	59.1	30.0	90.0
150	158.8	0.0	344.6





#73
Isopropylbenzene
Concen: 2.123 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

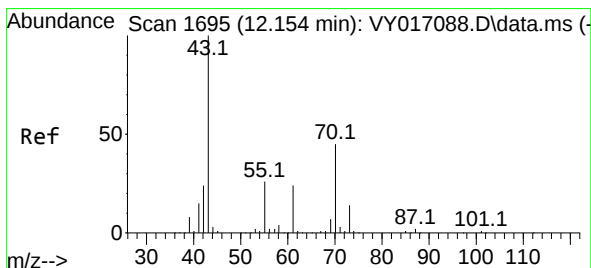
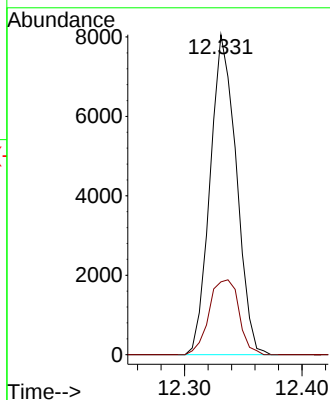
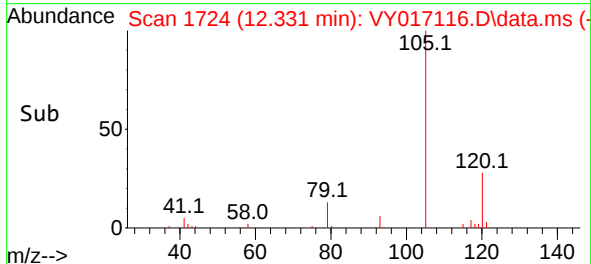
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion:105 Resp: 12489
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

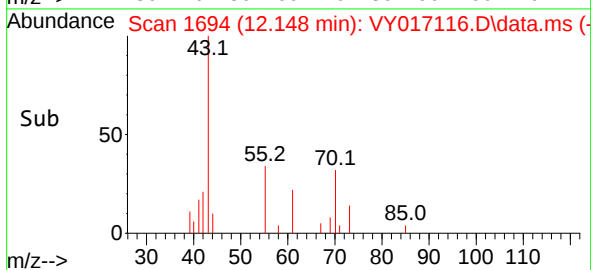
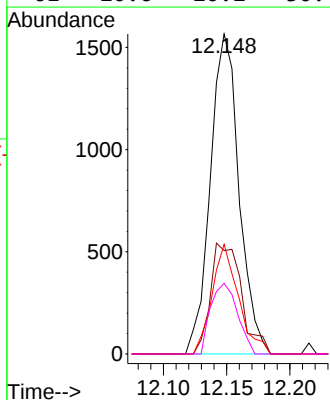
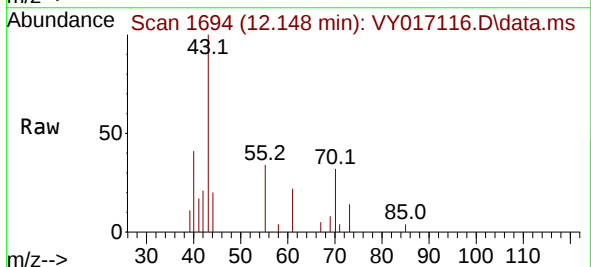
Manual Integrations
APPROVED

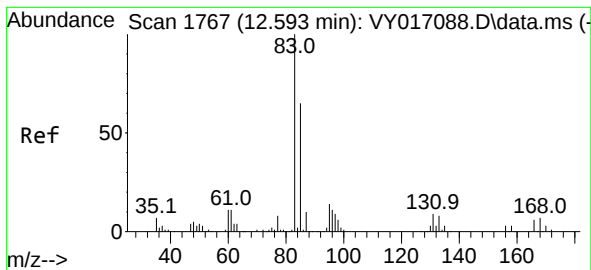
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#74
N-ethyl acetate
Concen: 2.085 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

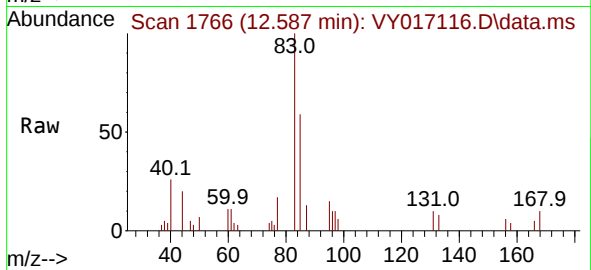
Tgt Ion: 43 Resp: 2472
Ion Ratio Lower Upper
43 100
70 37.1 36.6 55.0
55 31.4 22.2 33.4
61 20.6 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 2.466 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

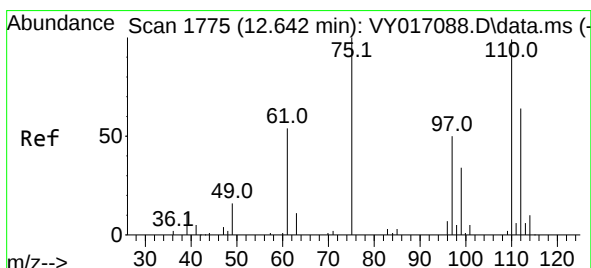
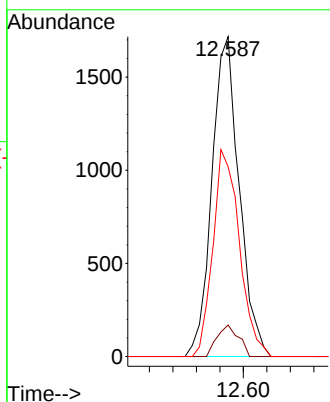
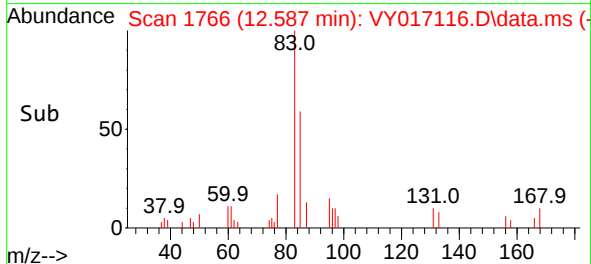
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 83 Resp: 2760
Ion Ratio Lower Upper
83 100
131 7.8 4.9 14.6
85 62.9 32.6 98.0

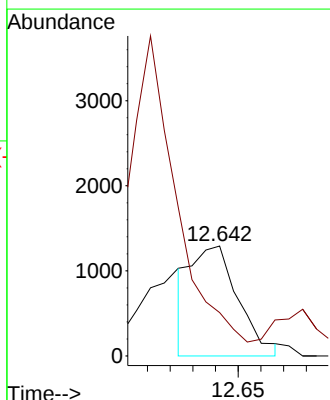
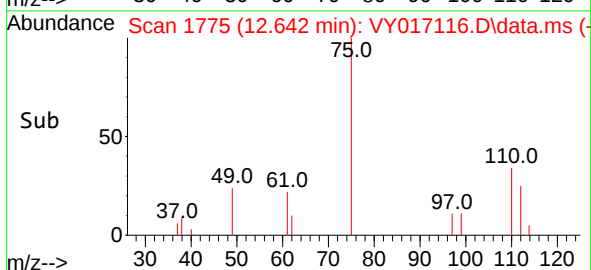
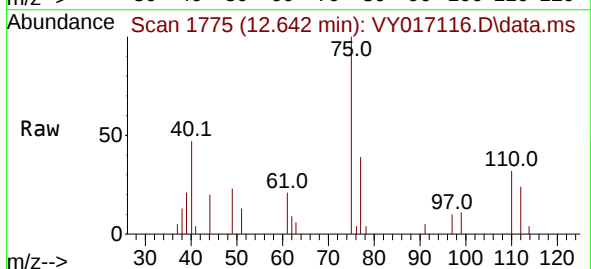
Manual Integrations
APPROVED

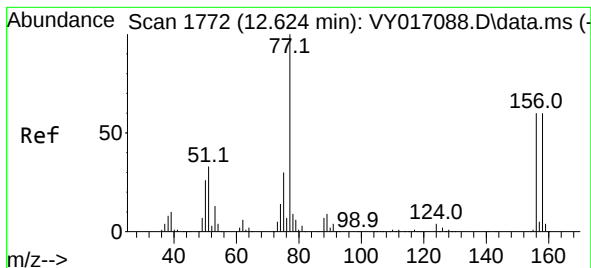
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#76
1,2,3-Trichloropropane
Concen: 2.160 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion: 75 Resp: 1876
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.367 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

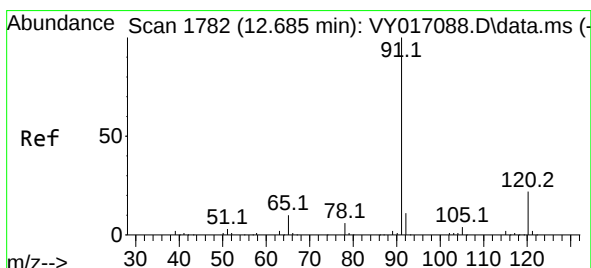
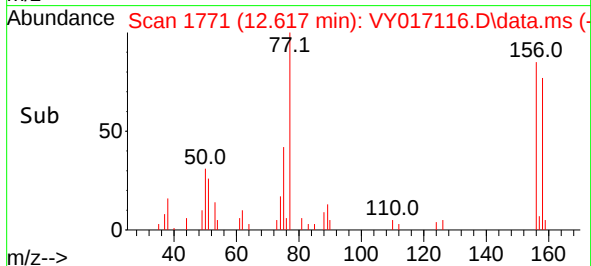
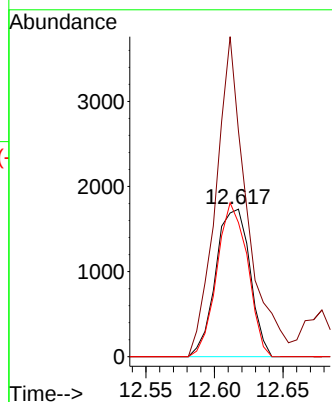
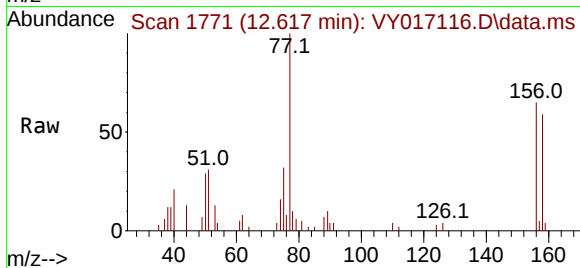
MDL-SOIL-03-QT1-2024

Tgt Ion:	156	Resp:	301
Ion Ratio	Lower	Upper	
156	100		
77	196.1	97.3	291.8
158	93.6	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#78

n-propylbenzene

Concen: 2.398 ug/l

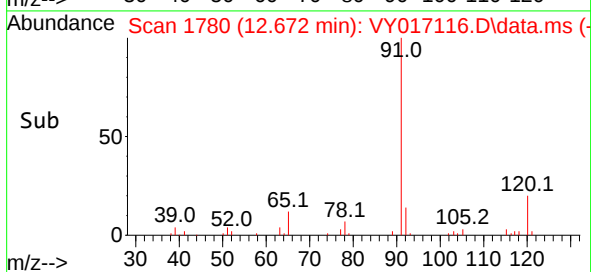
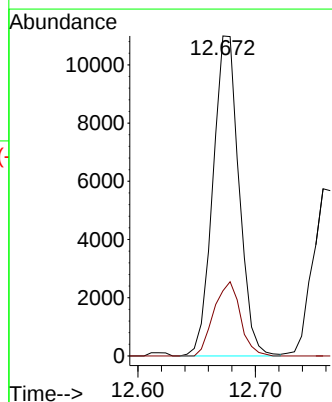
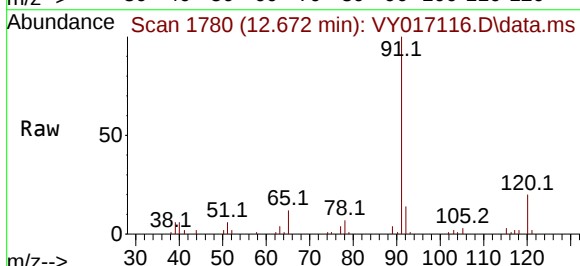
RT: 12.672 min Scan# 1780

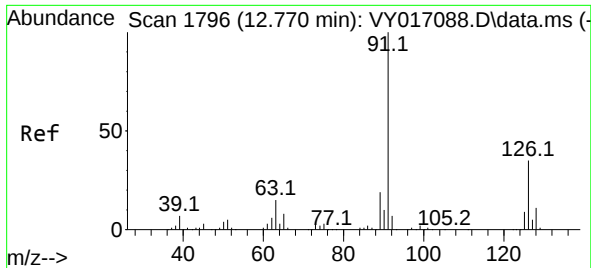
Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Tgt Ion:	91	Resp:	16964
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.0	33.0





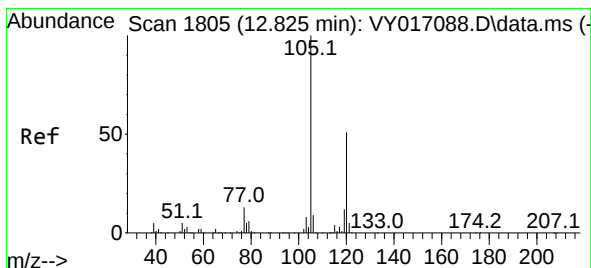
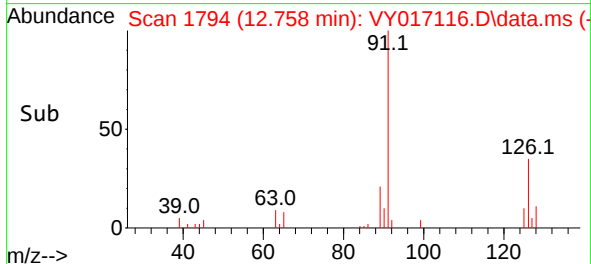
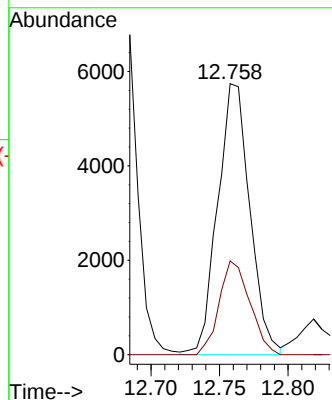
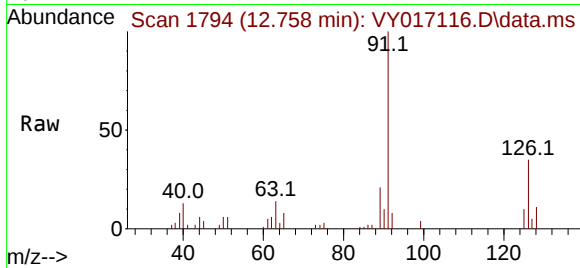
#79
2-Chlorotoluene
Concen: 2.425 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.005 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024

Tgt Ion: 91 Resp: 941
Ion Ratio Lower Upper
91 100
126 32.8 17.0 51.0

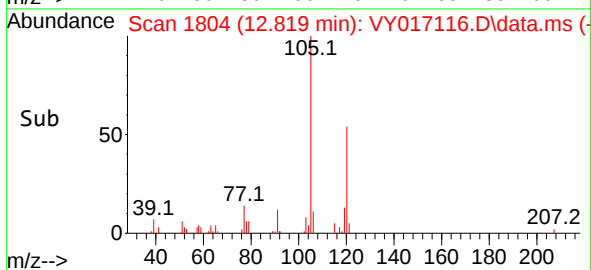
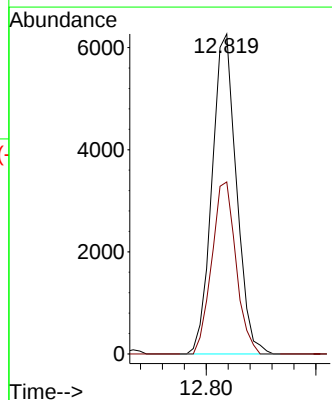
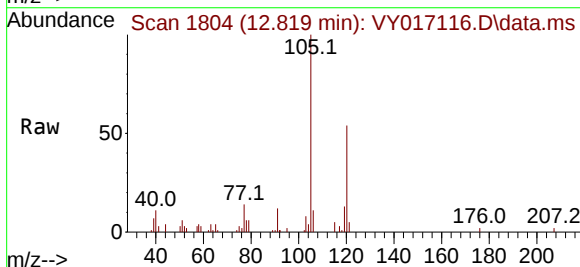
Manual Integrations
APPROVED

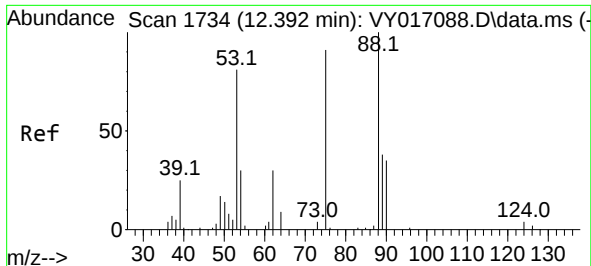
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.079 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.001 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion:105 Resp: 9677
Ion Ratio Lower Upper
105 100
120 53.3 24.3 72.8





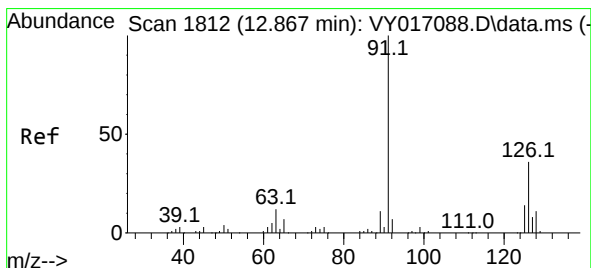
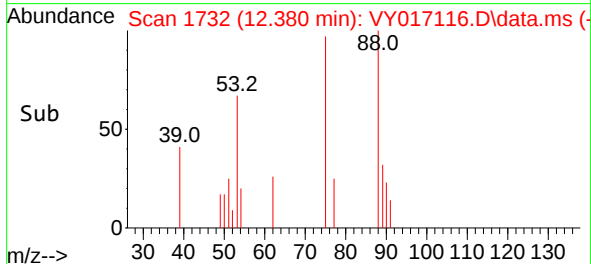
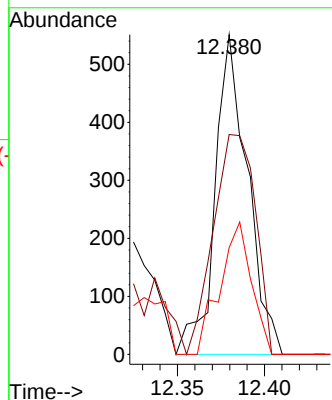
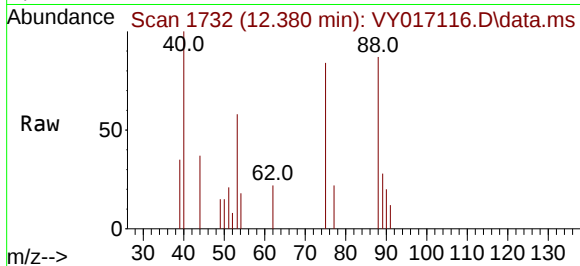
#81
trans-1,4-Dichloro-2-butene
Concen: 2.134 ug/l m
RT: 12.380 min Scan# 1710
Delta R.T. -0.005 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024

Tgt Ion: 75 Resp: 710
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0
89 2.7 36.5 54.7

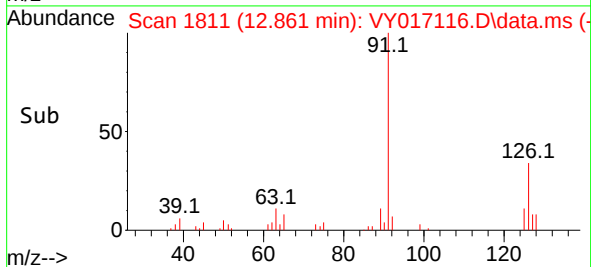
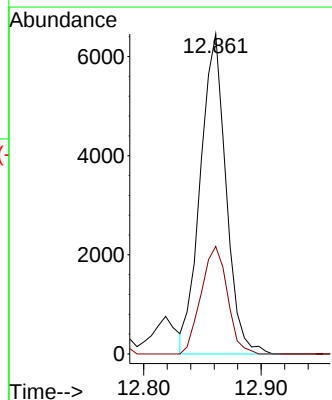
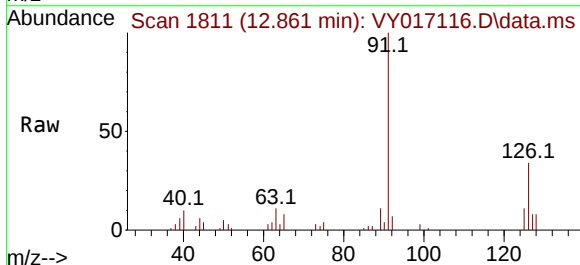
Manual Integrations
APPROVED

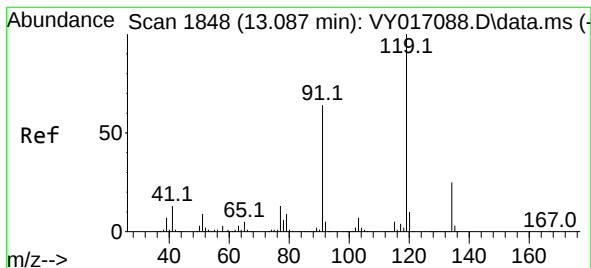
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#82
4-Chlorotoluene
Concen: 2.436 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

Tgt Ion: 91 Resp: 9801
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 2.168 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

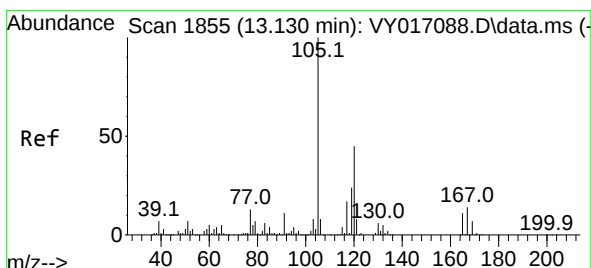
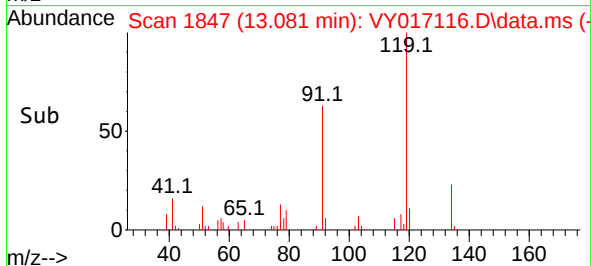
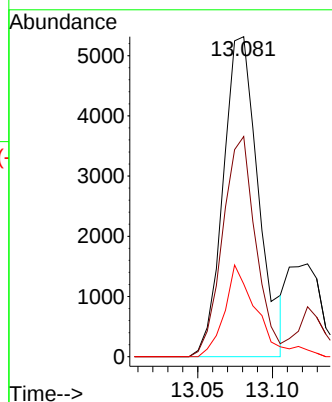
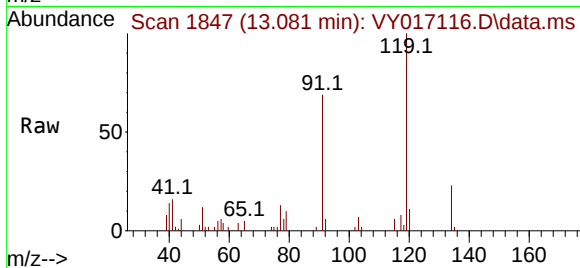
MDL-SOIL-03-QT1-2024

Tgt Ion:	119	Resp:	8729
Ion Ratio	Lower	Upper	
119	100		
91	64.7	31.5	94.5
134	26.8	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.003 ug/l

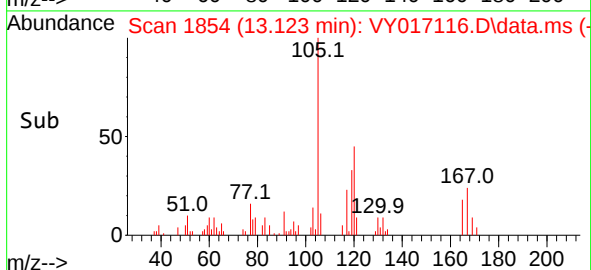
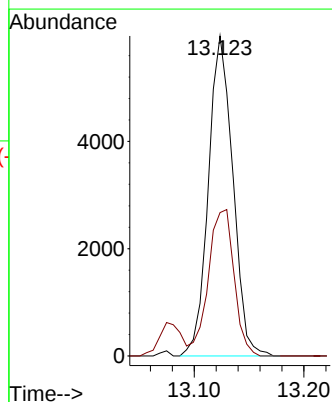
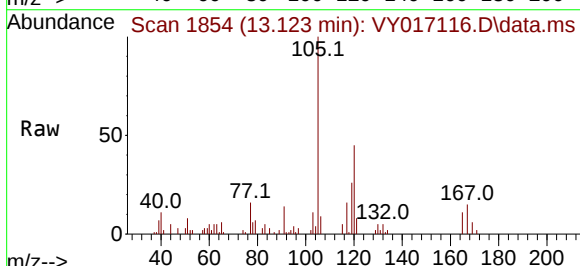
RT: 13.123 min Scan# 1854

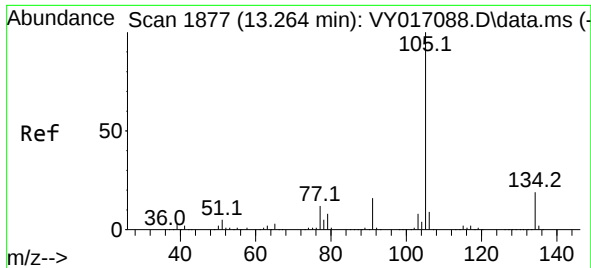
Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

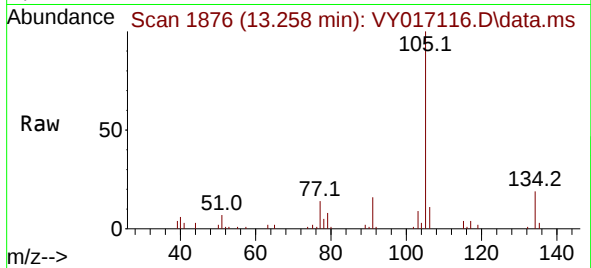
Tgt Ion:	105	Resp:	9266
Ion Ratio	Lower	Upper	
105	100		
120	48.2	22.1	66.3





#85
 sec-Butylbenzene
 Concen: 2.211 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. -0.005 min
 Lab File: VY017116.D
 Acq: 26 Jan 2024 13:10

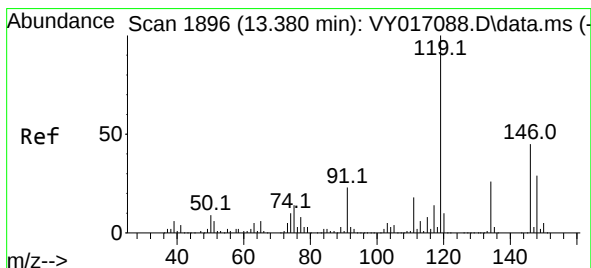
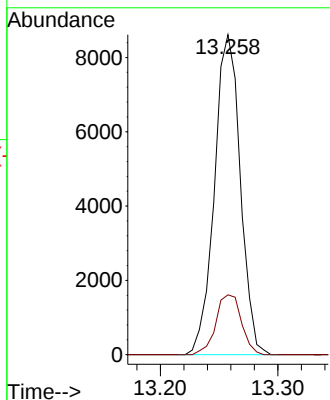
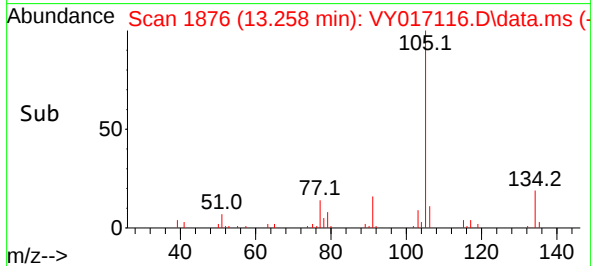
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2024



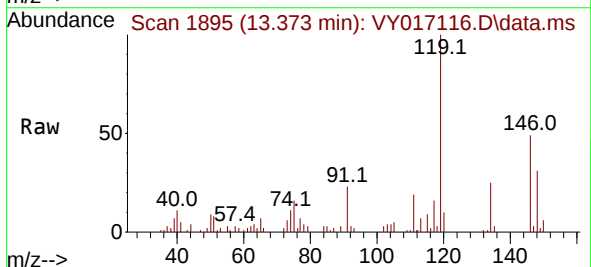
Tgt Ion:105 Resp: 13180
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.7 28.9

Manual Integrations
 APPROVED

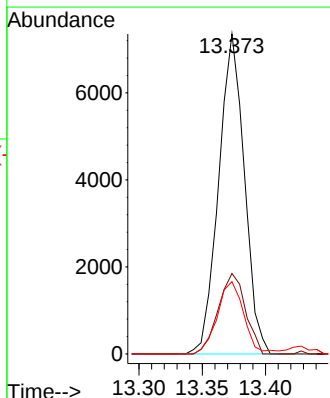
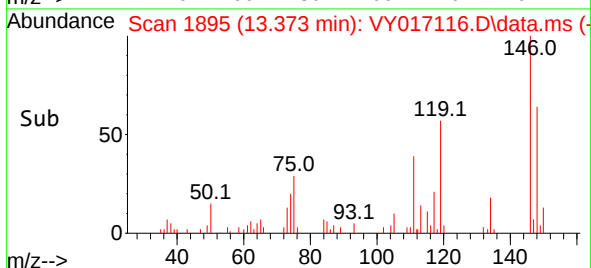
Reviewed By :Mahesh Dadoda 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

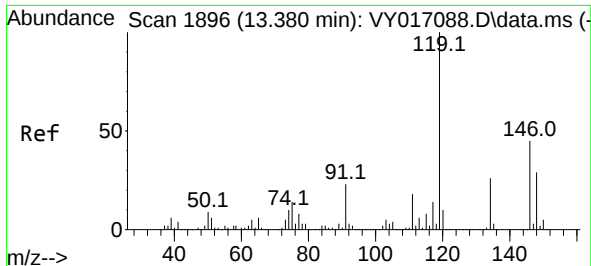


#86
 p-Isopropyltoluene
 Concen: 2.089 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017116.D
 Acq: 26 Jan 2024 13:10



Tgt Ion:119 Resp: 10377
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 2.438 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2024

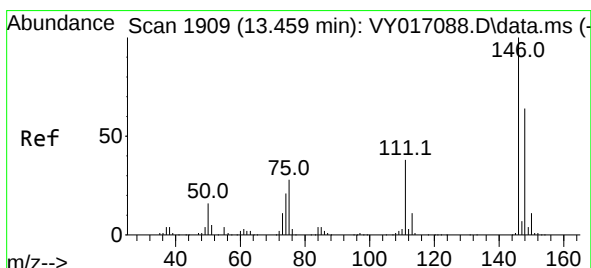
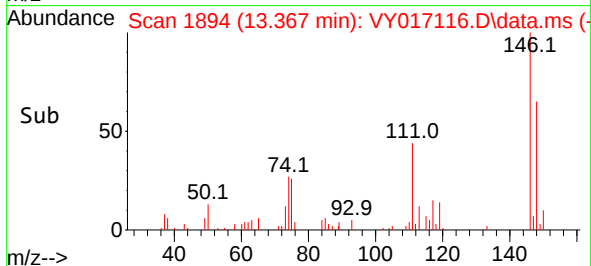
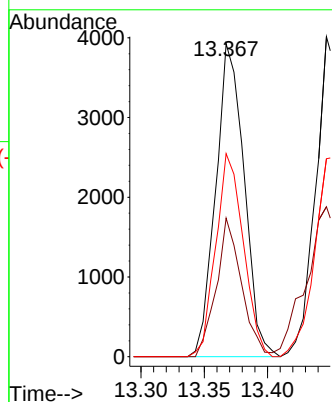
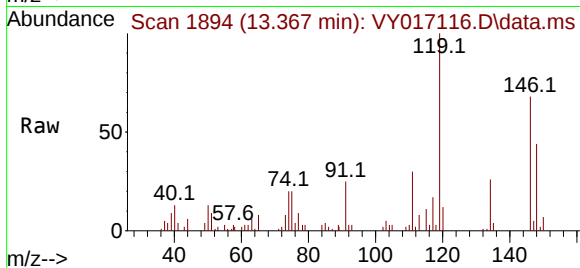
Tgt Ion:146 Resp: 6120

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.2	60.5
148	63.2	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#88

1,4-Dichlorobenzene

Concen: 2.501 ug/l

RT: 13.447 min Scan# 1907

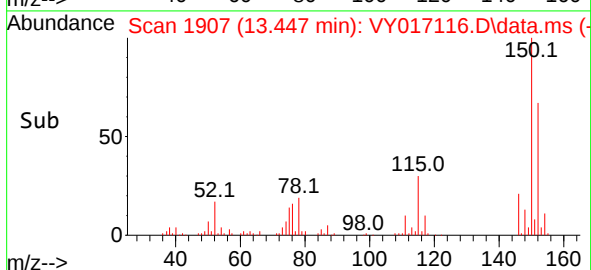
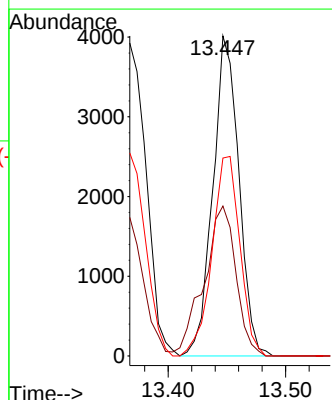
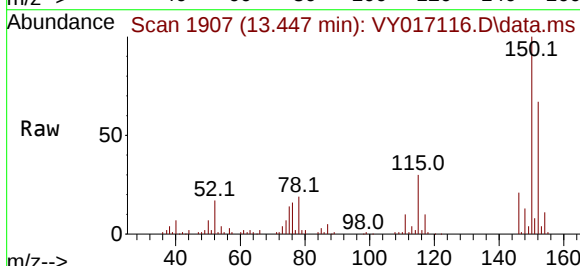
Delta R.T. -0.005 min

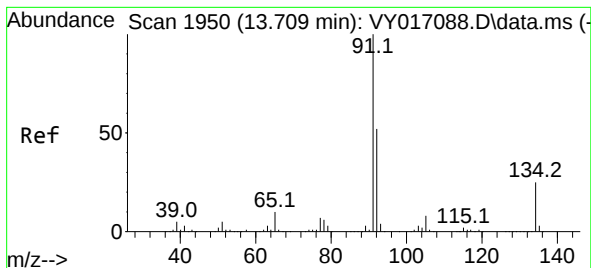
Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Tgt Ion:146 Resp: 6184

Ion	Ratio	Lower	Upper
146	100		
111	57.5	19.3	57.9
148	67.0	31.6	94.7





#89

n-Butylbenzene

Concen: 2.288 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

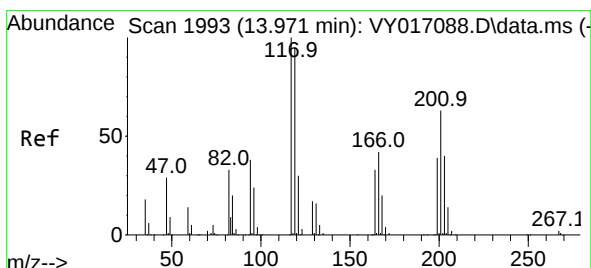
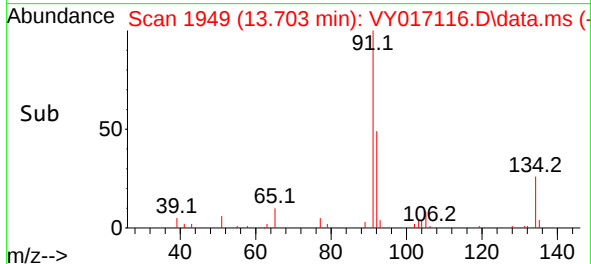
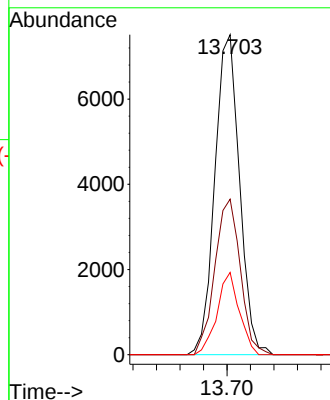
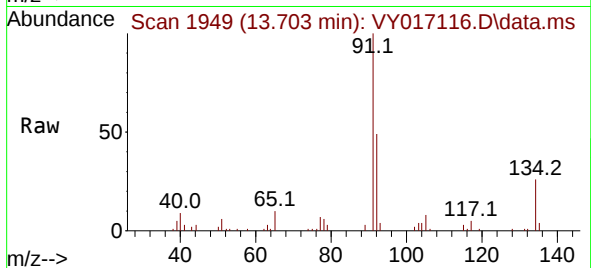
MDL-SOIL-03-QT1-2024

Tgt Ion: 91	Resp: 1096
Ion Ratio	Lower Upper
91 100	
92 50.2	26.4 79.2
134 23.2	12.3 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#90

Hexachloroethane

Concen: 2.461 ug/l

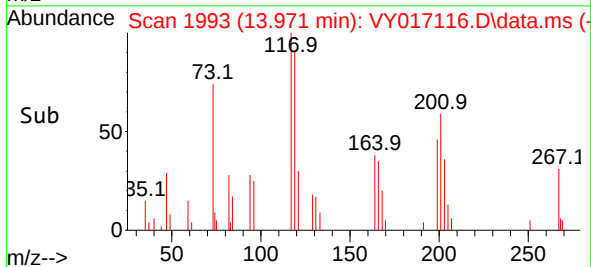
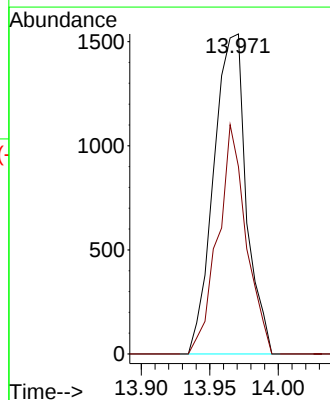
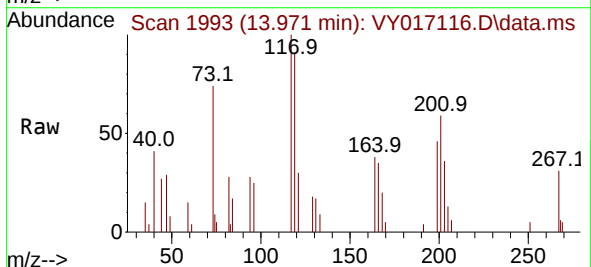
RT: 13.971 min Scan# 1993

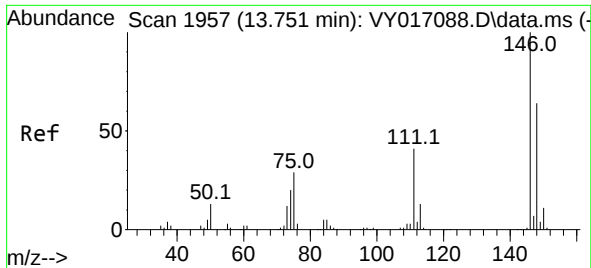
Delta R.T. -0.000 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

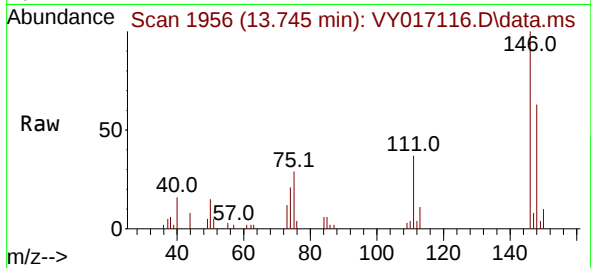
Tgt Ion:117	Resp: 2548
Ion Ratio	Lower Upper
117 100	
201 62.1	33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 2.483 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

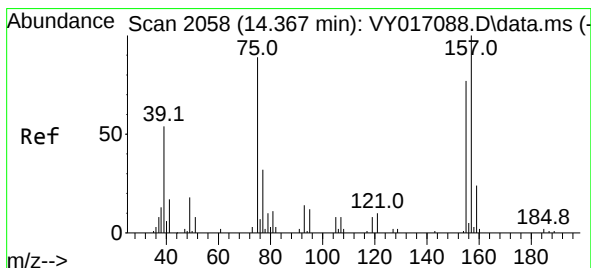
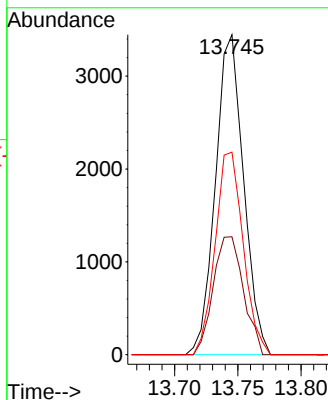
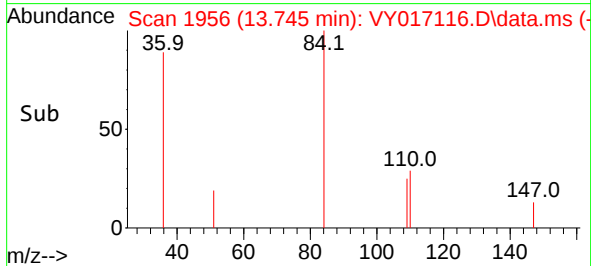
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2024



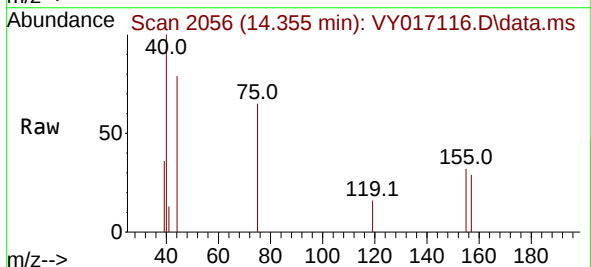
Tgt Ion:146 Resp: 5328
Ion Ratio Lower Upper
146 100
111 39.5 20.5 61.6
148 63.2 31.4 94.3

Manual Integrations
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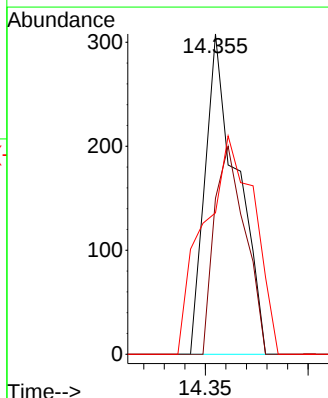
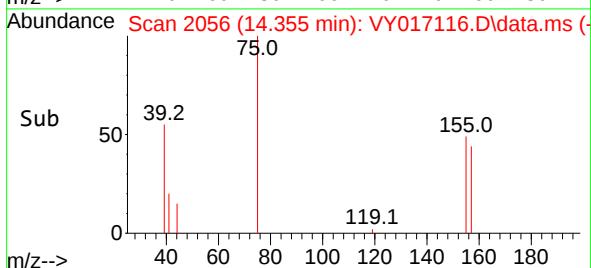
Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024

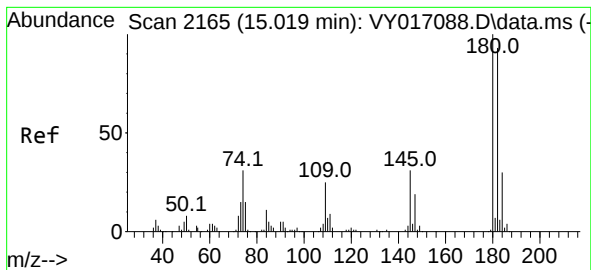


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.325 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10



Tgt Ion: 75 Resp: 333
Ion Ratio Lower Upper
75 100
155 63.1 42.1 126.3
157 106.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 2.236 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

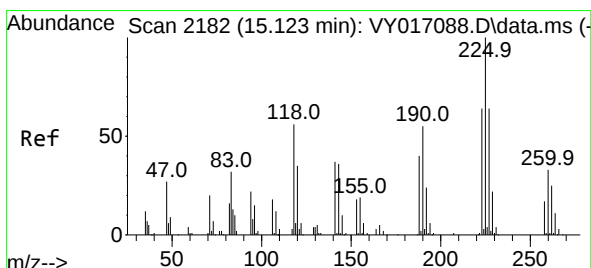
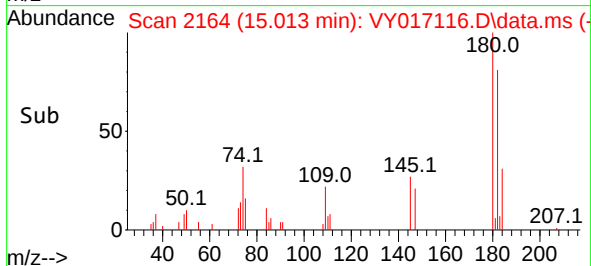
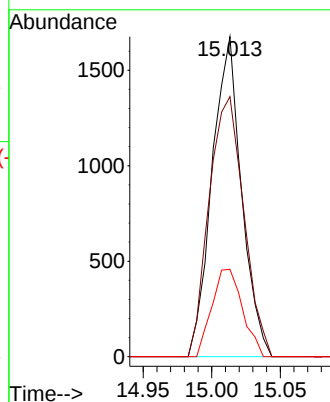
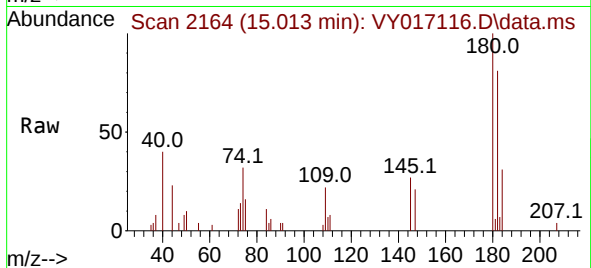
MDL-SOIL-03-QT1-2024

Tgt Ion:180	Resp:	2508
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.9 143.7
145	28.4	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#94

Hexachlorobutadiene

Concen: 2.335 ug/l

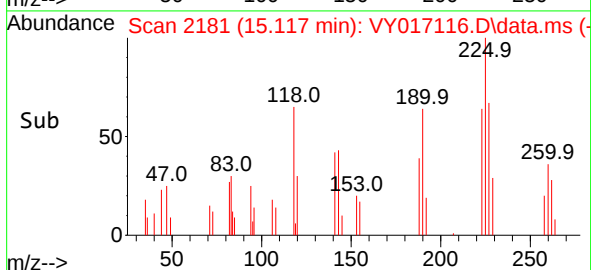
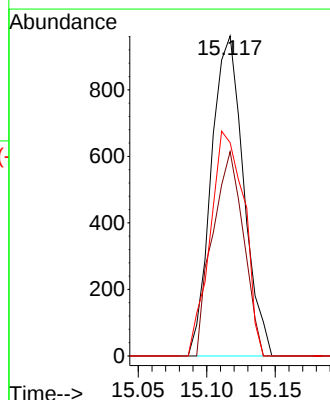
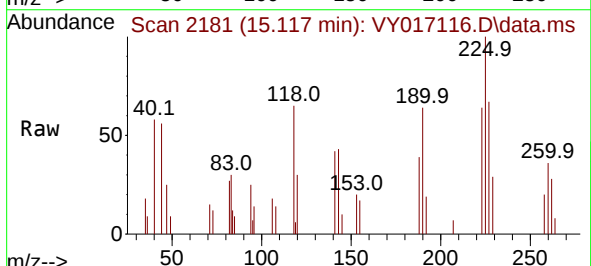
RT: 15.117 min Scan# 2181

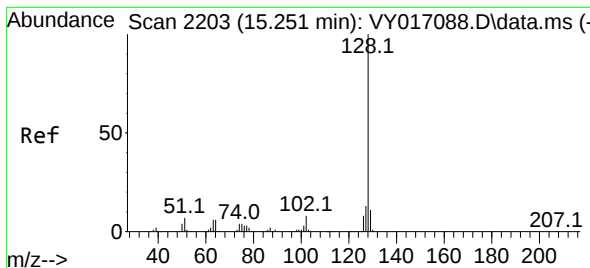
Delta R.T. -0.006 min

Lab File: VY017116.D

Acq: 26 Jan 2024 13:10

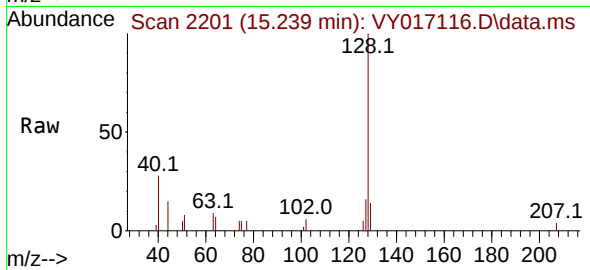
Tgt Ion:225	Resp:	1576
Ion Ratio	Lower	Upper
225	100	
223	61.3	31.4 94.3
227	74.0	32.3 96.8





#95
Naphthalene
Concen: 1.990 ug/l
RT: 15.239 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10

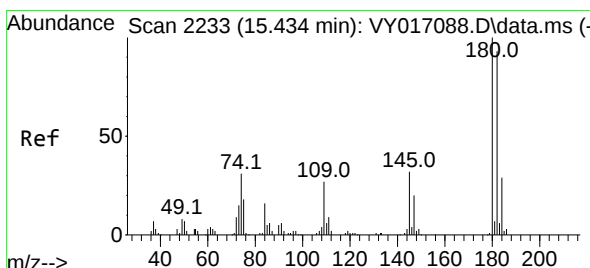
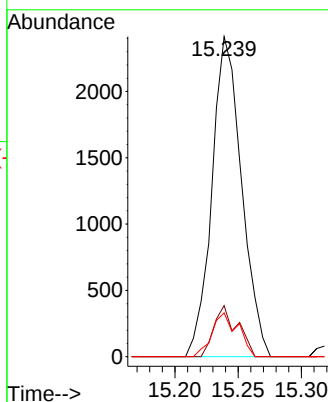
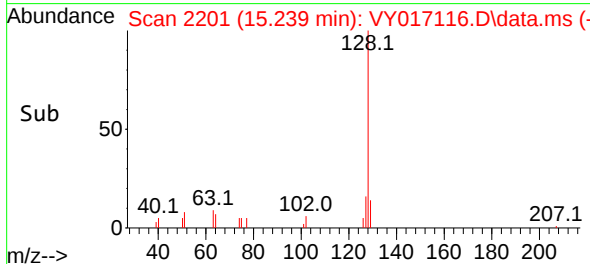
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2024



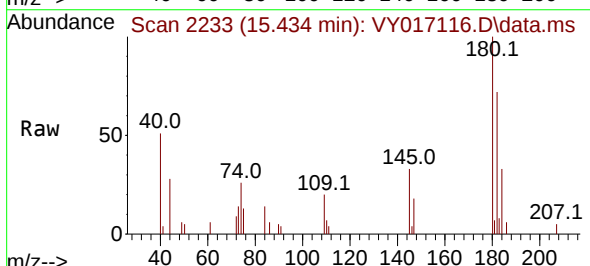
Tgt Ion:128 Resp: 3942
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 12.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024
Supervised By :Semsettin Yesilyurt 01/29/2024



#96
1,2,3-Trichlorobenzene
Concen: 2.382 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY017116.D
Acq: 26 Jan 2024 13:10



Tgt Ion:180 Resp: 2222
Ion Ratio Lower Upper
180 100
182 88.0 46.3 138.8
145 32.2 16.1 48.2

