

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019560.D
 Acq On : 16 Sep 2024 12:01
 Operator : SY/MD
 Sample : P3390-03 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Sep 17 05:52:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 05:51:44 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	424577	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	727501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	601920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	272852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	214107	54.460	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.920%			
35) Dibromofluoromethane	7.634	113	213831	51.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.680%			
50) Toluene-d8	10.109	98	788192	51.662	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.320%			
62) 4-Bromofluorobenzene	12.408	95	273300	46.588	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	5565	2.073	ug/l	90
3) Chloromethane	2.068	50	5776	1.644	ug/l	95
4) Vinyl Chloride	2.202	62	7139	1.879	ug/l	95
5) Bromomethane	2.598	94	6003	2.573	ug/l	98
6) Chloroethane	2.739	64	5530	2.227	ug/l	# 77
7) Trichlorofluoromethane	3.062	101	14973	2.365	ug/l	93
8) Diethyl Ether	3.452	74	4805	2.261	ug/l	61
9) 1,1,2-Trichlorotrifluo...	3.818	101	9610	2.453	ug/l	92
10) Methyl Iodide	4.001	142	8802	1.753	ug/l	# 89
11) Tert butyl alcohol	4.854	59	4539	14.296	ug/l	# 89
12) 1,1-Dichloroethene	3.799	96	7766	2.062	ug/l	# 86
13) Acrolein	3.647	56	5891	34.602	ug/l	96
14) Allyl chloride	4.379	41	14430	2.136	ug/l	# 92
15) Acrylonitrile	5.067	53	12003	13.097	ug/l	99
16) Acetone	3.873	43	11919	12.726	ug/l	97
18) Methyl Acetate	4.385	43	8221	3.234	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	29141	2.731	ug/l	98
20) Methylene Chloride	4.604	84	16799	3.933	ug/l	# 92
21) trans-1,2-Dichloroethene	5.110	96	8177	1.980	ug/l	95
22) Diisopropyl ether	6.018	45	35689	2.573	ug/l	# 86
23) Vinyl Acetate	5.957	43	117029	14.770	ug/l	94
24) 1,1-Dichloroethane	5.909	63	19842	2.549	ug/l	97
25) 2-Butanone	6.890	43	15539	11.665	ug/l	# 84
26) 2,2-Dichloropropane	6.878	77	18662	2.658	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	12305	2.453	ug/l	87
28) Bromochloromethane	7.238	49	9607	2.933	ug/l	83
29) Tetrahydrofuran	7.262	42	10442	12.892	ug/l	# 84
30) Chloroform	7.415	83	21948	2.762	ug/l	100
31) Cyclohexane	7.707	56	20164	2.866	ug/l	# 62
32) 1,1,1-Trichloroethane	7.616	97	17841	2.505	ug/l	95
36) 1,1-Dichloropropene	7.835	75	11693	2.083	ug/l	97
37) Ethyl Acetate	6.982	43	7494	2.606	ug/l	98
38) Carbon Tetrachloride	7.817	117	15277	2.414	ug/l	96
39) Methylcyclohexane	9.103	83	13193	1.766	ug/l	92
40) Benzene	8.073	78	39528	2.287	ug/l	98
41) Methacrylonitrile	7.219	41	4004	2.389	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.158	62	12112	2.604	ug/l	100
43) Isopropyl Acetate	8.195	43	16107	2.666	ug/l #	78
44) Trichloroethene	8.866	130	10107	2.273	ug/l	97
45) 1,2-Dichloropropane	9.140	63	10751	2.544	ug/l	97
46) Dibromomethane	9.231	93	5710	2.471	ug/l	95
47) Bromodichloromethane	9.426	83	16046	2.583	ug/l	98
48) Methyl methacrylate	9.219	41	6940	2.432	ug/l #	83
49) 1,4-Dioxane	9.231	88	1689	62.079	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	37517	12.343	ug/l	91
52) Toluene	10.170	92	25106	2.258	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	14278	2.411	ug/l #	88
54) cis-1,3-Dichloropropene	9.853	75	16162	2.344	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	8786	2.753	ug/l	94
56) Ethyl methacrylate	10.438	69	11619	2.397	ug/l #	79
57) 1,3-Dichloropropane	10.719	76	14046	2.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	26116	11.606	ug/l	99
59) 2-Hexanone	10.762	43	26428	11.860	ug/l	90
60) Dibromochloromethane	10.914	129	11057	2.619	ug/l	99
61) 1,2-Dibromoethane	11.018	107	7430	2.499	ug/l	99
64) Tetrachloroethene	10.646	164	8424	2.260	ug/l	99
65) Chlorobenzene	11.444	112	30276	2.557	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.517	131	11801	2.879	ug/l	95
67) Ethyl Benzene	11.517	91	53098	2.524	ug/l	98
68) m/p-Xylenes	11.627	106	39263	4.936	ug/l	92
69) o-Xylene	11.956	106	19994	2.570	ug/l	96
70) Styrene	11.969	104	32988	2.511	ug/l	94
71) Bromoform	12.133	173	6287	2.685	ug/l #	98
73) Isopropylbenzene	12.255	105	52557	2.655	ug/l	99
74) N-amyl acetate	12.072	43	13631	2.532	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	10233	2.913	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	8138m	3.182	ug/l	
77) Bromobenzene	12.529	156	11540	2.629	ug/l	86
78) n-propylbenzene	12.597	91	63143	2.691	ug/l	99
79) 2-Chlorotoluene	12.682	91	38295	2.801	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	43461	2.701	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	3338m	2.506	ug/l	
82) 4-Chlorotoluene	12.779	91	39877	2.837	ug/l	94
83) tert-Butylbenzene	12.999	119	40191	2.759	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	42417	2.663	ug/l	95
85) sec-Butylbenzene	13.176	105	57874	2.735	ug/l	98
86) p-Isopropyltoluene	13.292	119	48018	2.773	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	24301	2.849	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	24609	2.907	ug/l	89
89) n-Butylbenzene	13.615	91	46054	2.782	ug/l	99
90) Hexachloroethane	13.877	117	10185	2.827	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	21868	2.873	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1878	3.207	ug/l	72
93) 1,2,4-Trichlorobenzene	14.919	180	12115	2.617	ug/l	96
94) Hexachlorobutadiene	15.017	225	6608	2.672	ug/l	94
95) Naphthalene	15.145	128	24271	2.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	10670	2.694	ug/l	96

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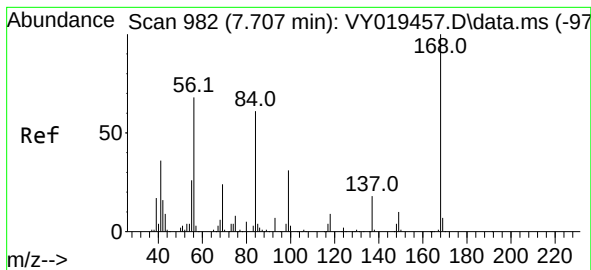
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

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Tgt Ion:168 Resp: 42457

Ion Ratio Lower Upper

168 100

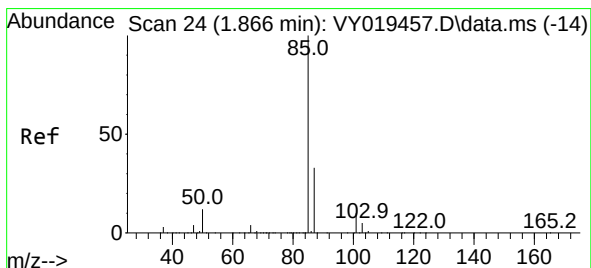
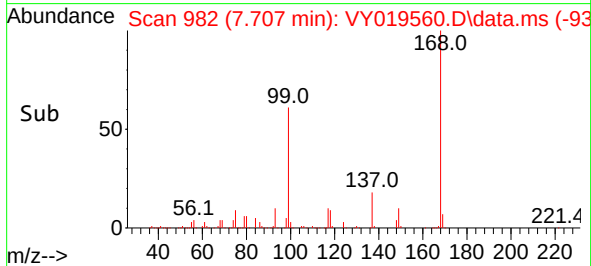
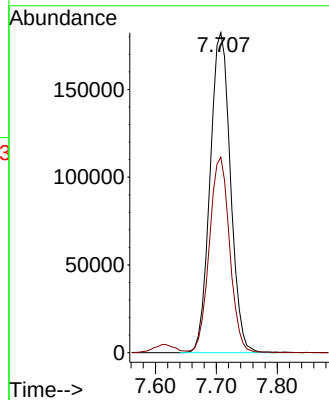
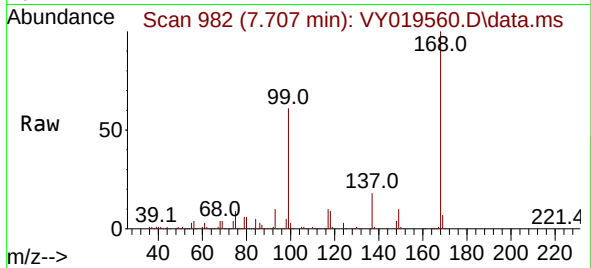
99 61.0 39.1 58.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 2.073 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019560.D

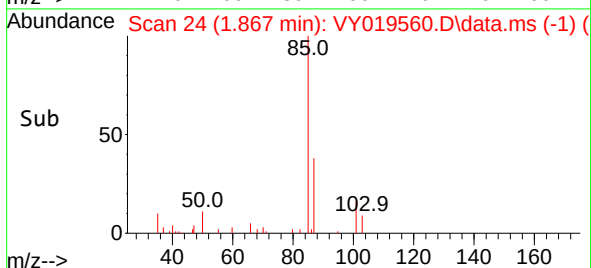
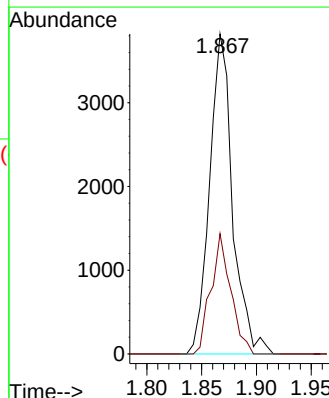
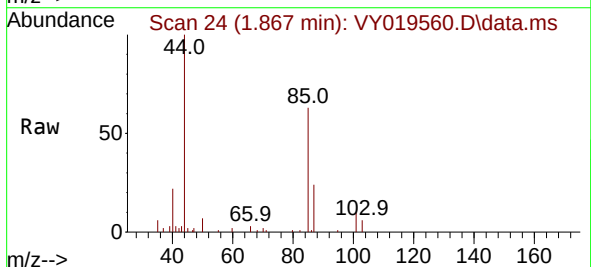
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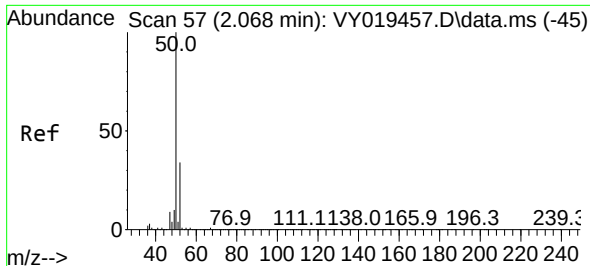
Tgt Ion: 85 Resp: 5565

Ion Ratio Lower Upper

85 100

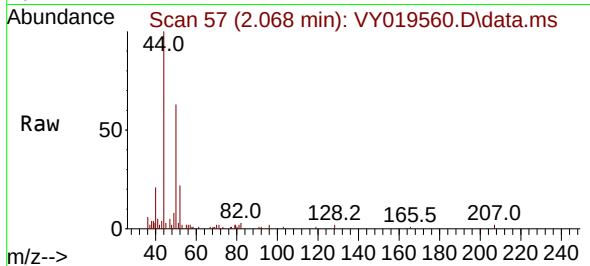
87 37.6 16.0 48.0





#3
Chloromethane
Concen: 1.644 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

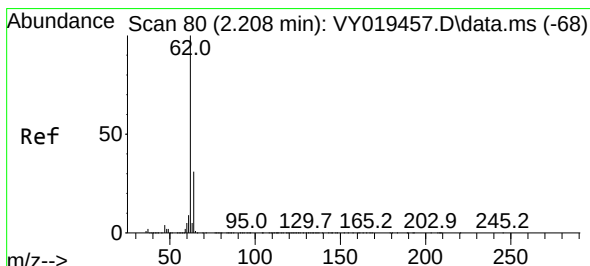
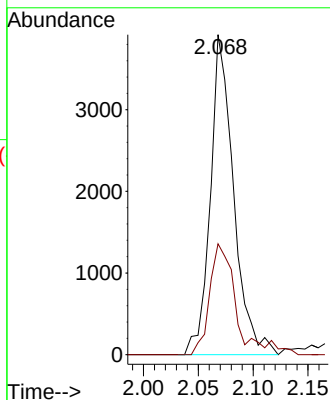
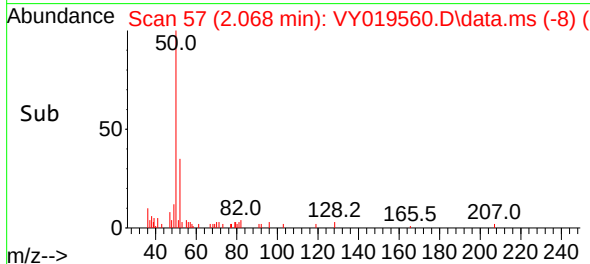
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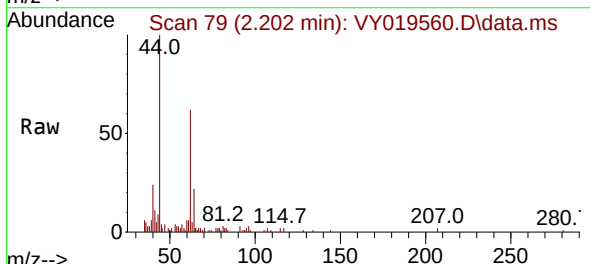
Tgt Ion: 50 Resp: 5770
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4

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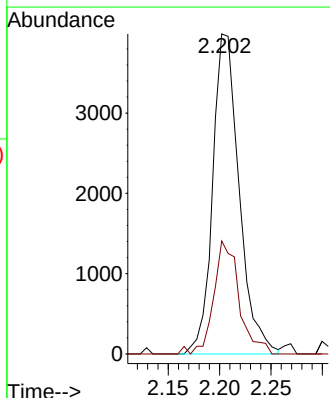
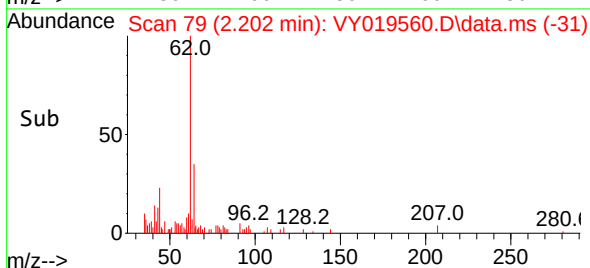
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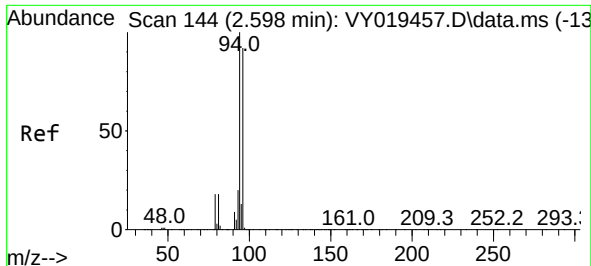


#4
Vinyl Chloride
Concen: 1.879 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
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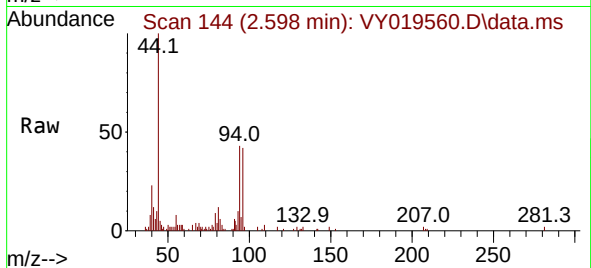
Tgt Ion: 62 Resp: 7139
Ion Ratio Lower Upper
62 100
64 35.3 26.1 39.1





#5
Bromomethane
Concen: 2.573 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

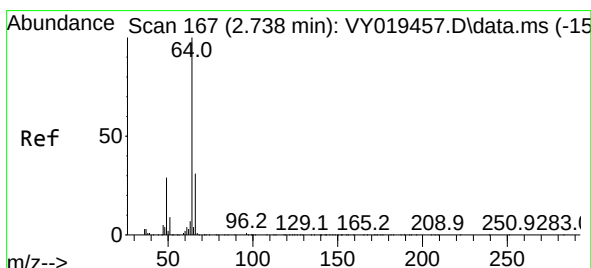
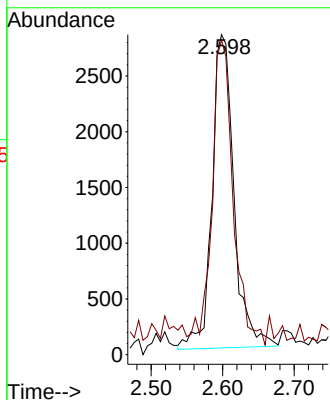
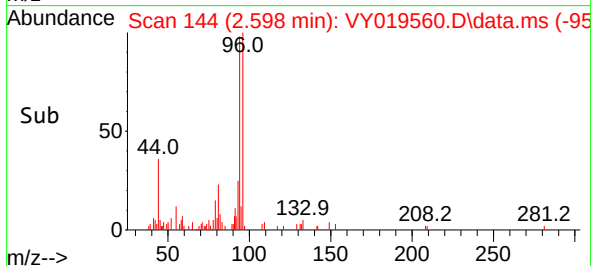
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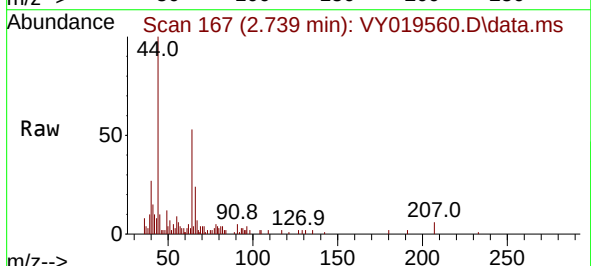
Tgt Ion: 94 Resp: 600
Ion Ratio Lower Upper
94 100
96 94.4 74.1 111.1

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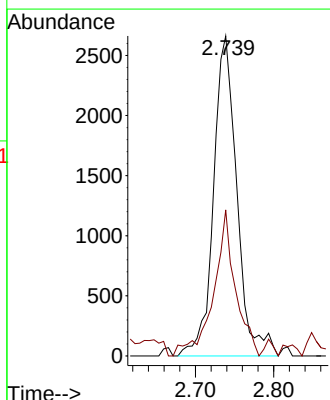
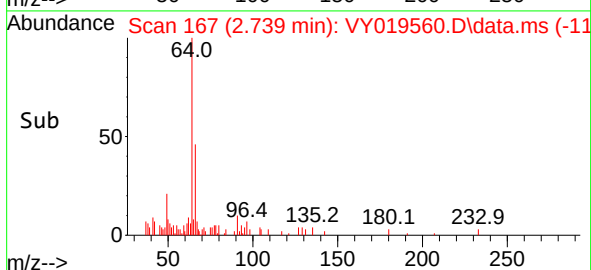
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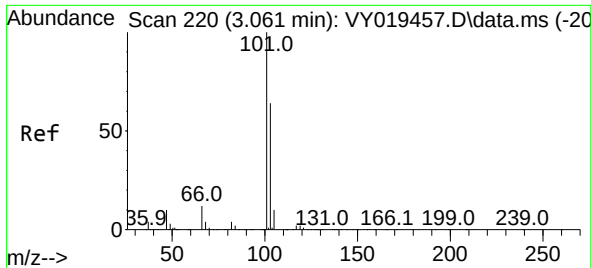


#6
Chloroethane
Concen: 2.227 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
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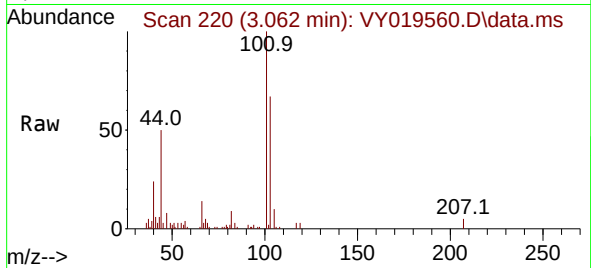
Tgt Ion: 64 Resp: 5530
Ion Ratio Lower Upper
64 100
66 45.6 26.1 39.1#





#7
 Trichlorofluoromethane
 Concen: 2.365 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019560.D
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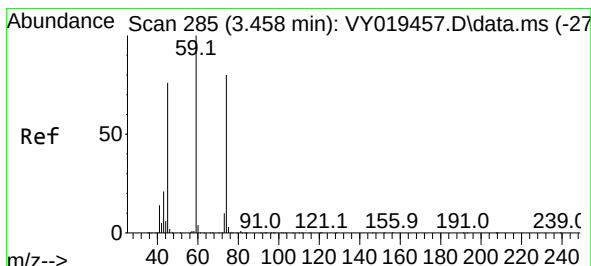
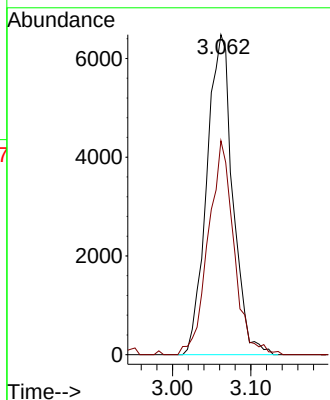
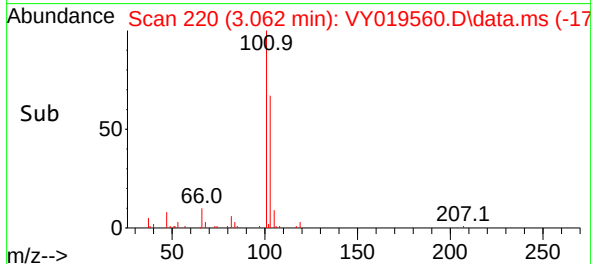
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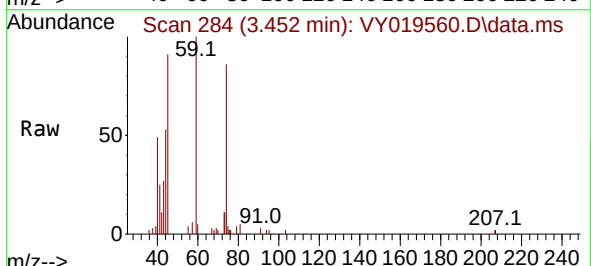
Tgt Ion:101 Resp: 1497
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.3 73.9

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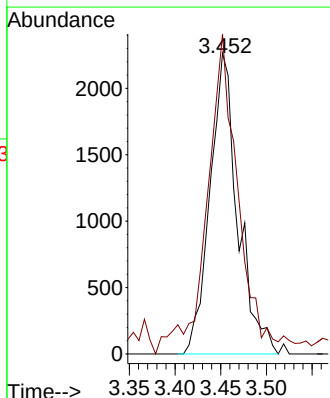
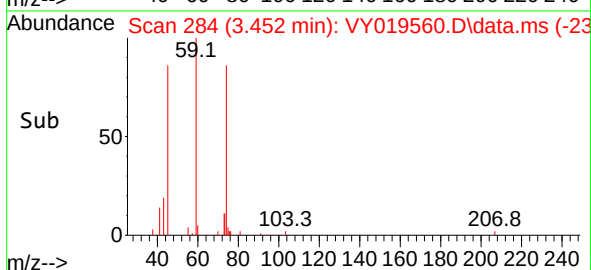
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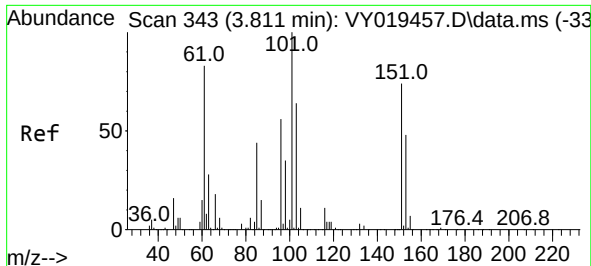


#8
 Diethyl Ether
 Concen: 2.261 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019560.D
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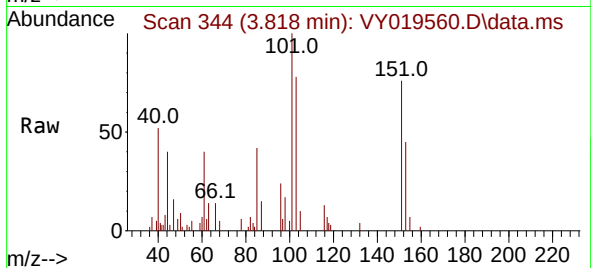
Tgt Ion: 74 Resp: 4805
 Ion Ratio Lower Upper
 74 100
 45 117.3 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.453 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019560.D
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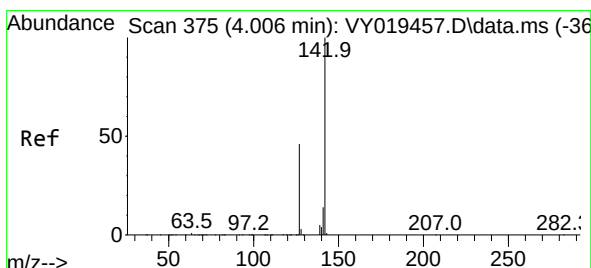
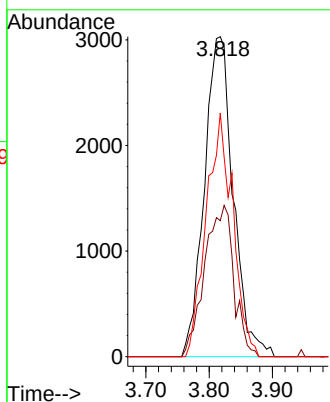
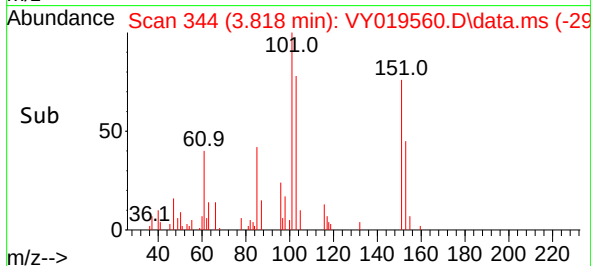
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



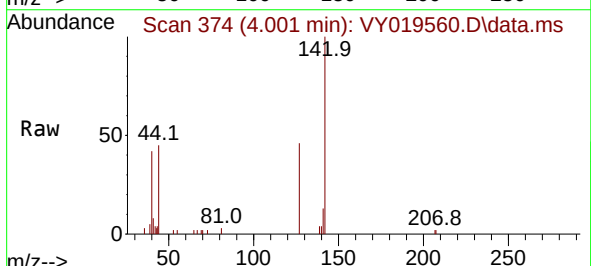
Tgt Ion:101 Resp: 9610
Ion Ratio Lower Upper
101 100
85 47.7 34.5 51.7
151 70.3 61.7 92.5

Manual Integrations
APPROVED

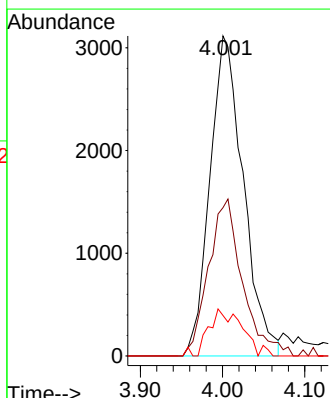
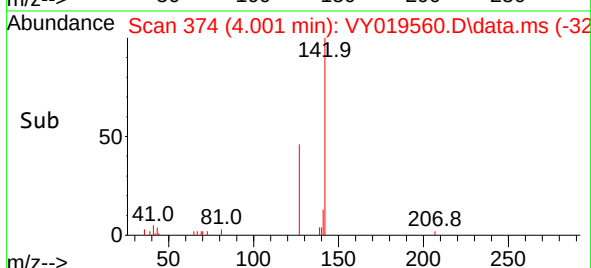
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

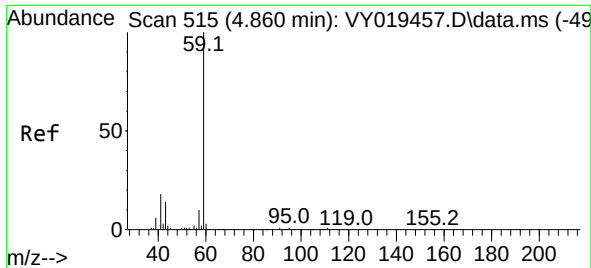


#10
Methyl Iodide
Concen: 1.753 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



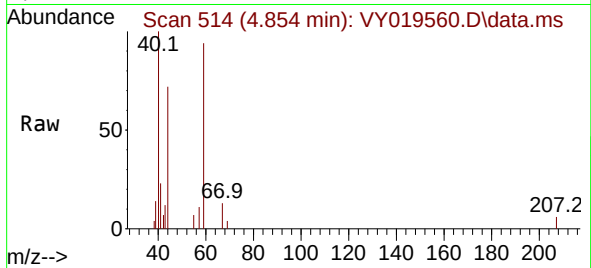
Tgt Ion:142 Resp: 8802
Ion Ratio Lower Upper
142 100
127 49.9 32.8 49.2#
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 14.296 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

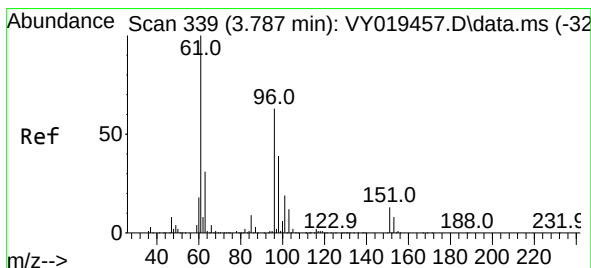
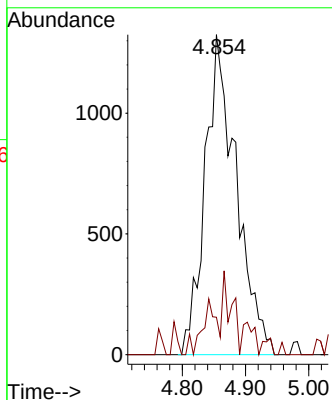
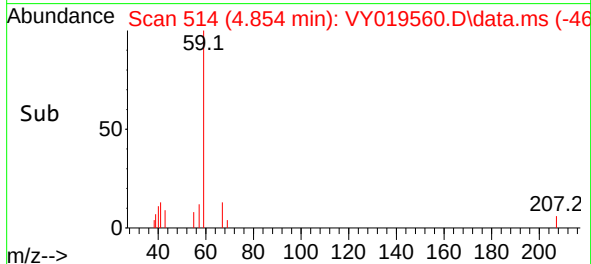
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



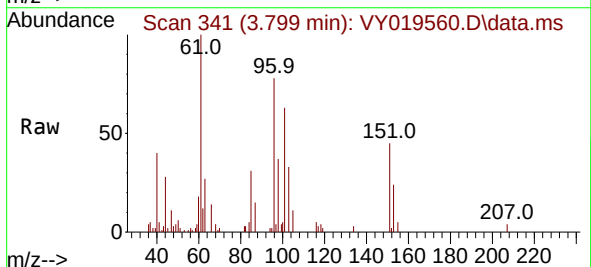
Tgt Ion: 59 Resp: 4539
Ion Ratio Lower Upper
59 100
57 7.4 3.0 4.6

Manual Integrations
APPROVED

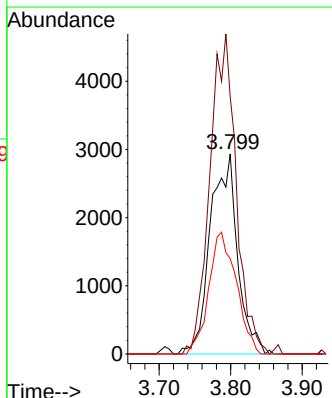
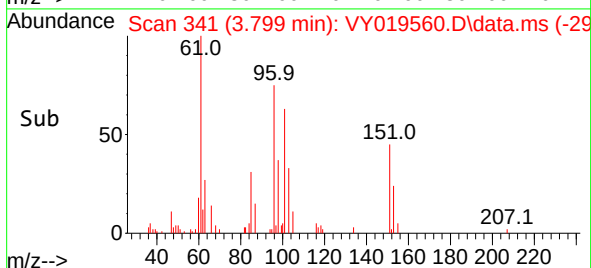
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

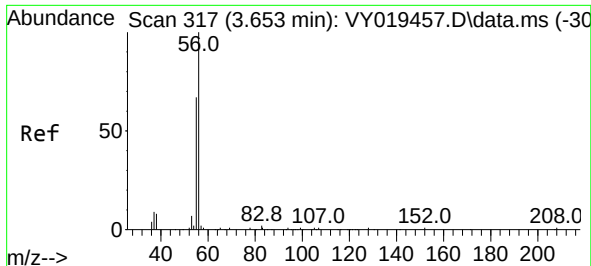


#12
1,1-Dichloroethene
Concen: 2.062 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



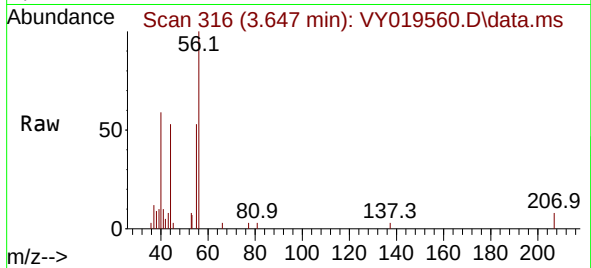
Tgt Ion: 96 Resp: 7766
Ion Ratio Lower Upper
96 100
61 128.7 114.6 171.8
98 47.7 50.8 76.2#





#13
Acrolein
Concen: 34.602 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

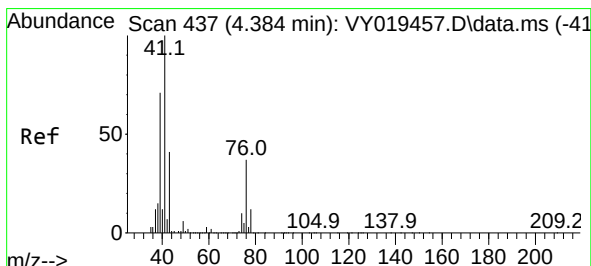
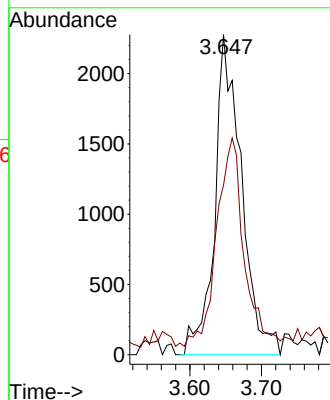
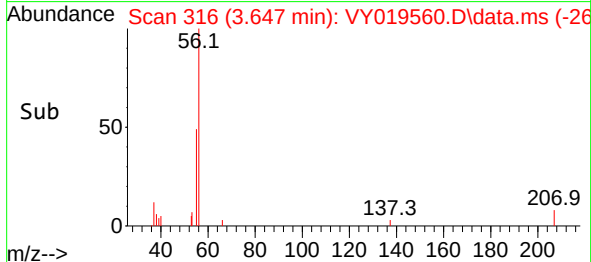
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 56 Resp: 589
Ion Ratio Lower Upper
56 100
55 66.3 55.7 83.5

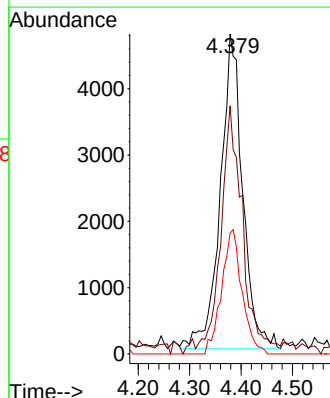
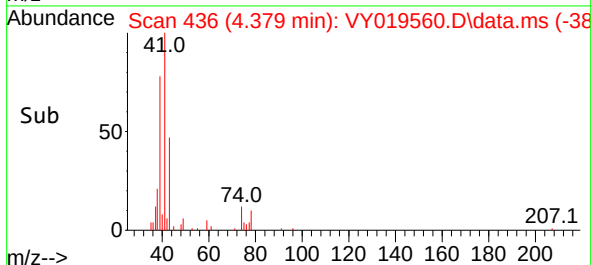
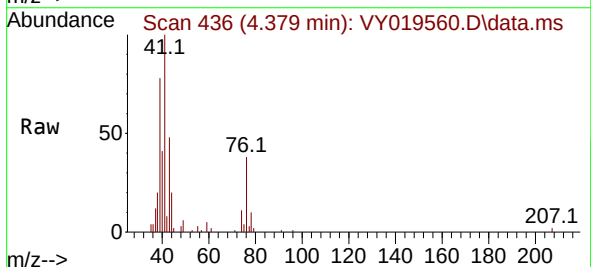
Manual Integrations
APPROVED

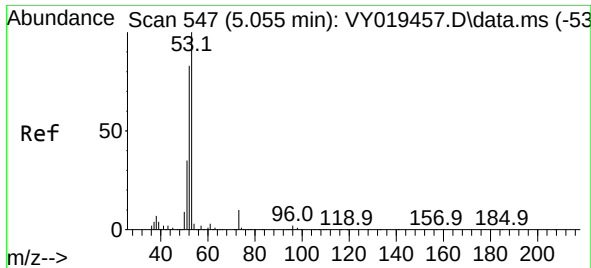
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#14
Allyl chloride
Concen: 2.136 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

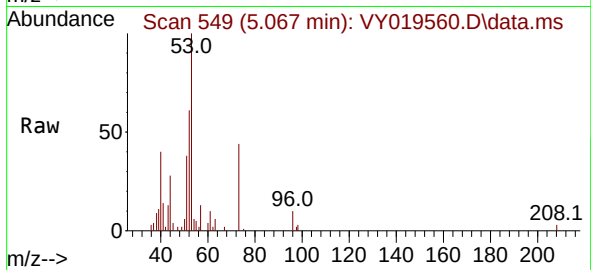
Tgt Ion: 41 Resp: 14430
Ion Ratio Lower Upper
41 100
39 73.1 58.3 87.5
76 35.9 39.0 58.6





#15
Acrylonitrile
Concen: 13.097 ug/l
RT: 5.067 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

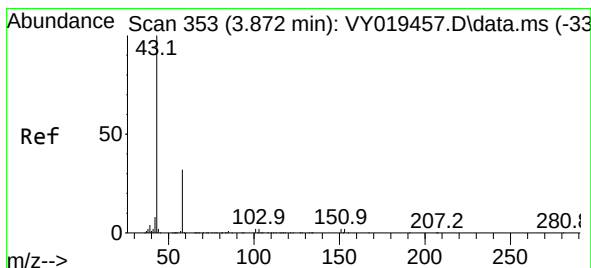
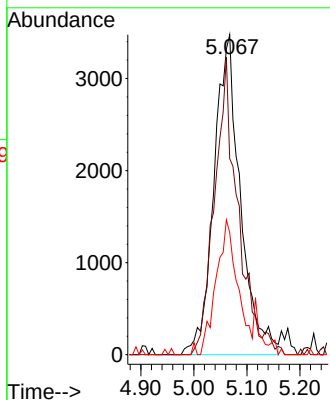
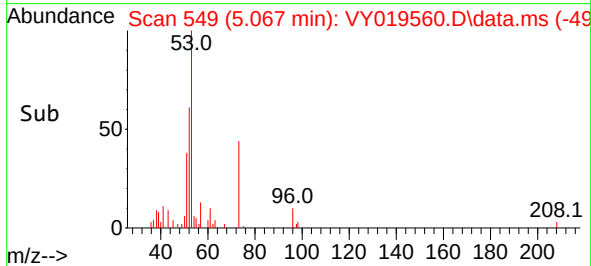
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 53 Resp: 1200
Ion Ratio Lower Upper
53 100
52 80.1 64.7 97.1
51 34.0 28.4 42.6

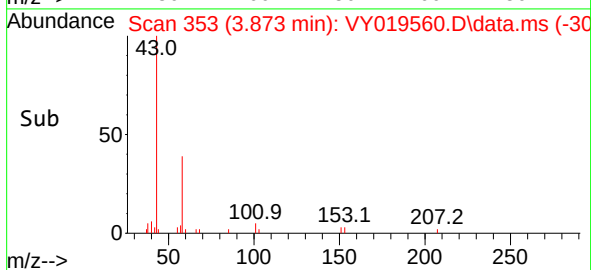
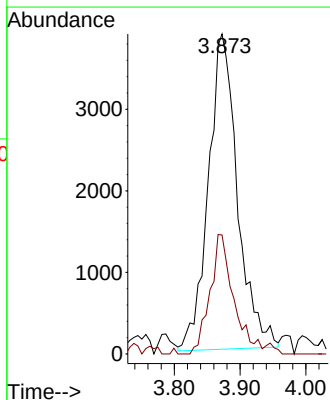
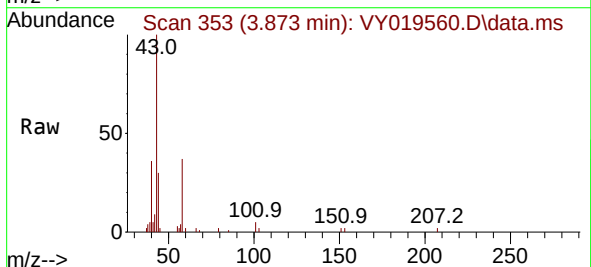
Manual Integrations
APPROVED

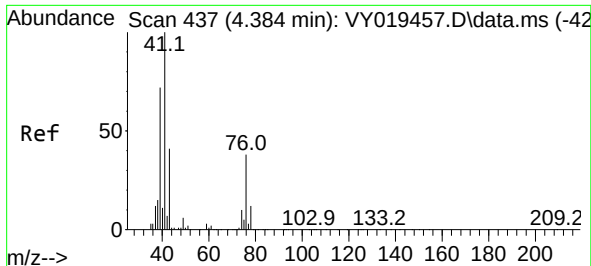
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#16
Acetone
Concen: 12.726 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

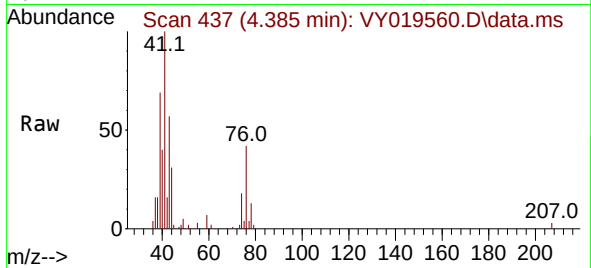
Tgt Ion: 43 Resp: 11919
Ion Ratio Lower Upper
43 100
58 38.0 31.7 47.5





#18
Methyl Acetate
Concen: 3.234 ug/l
RT: 4.385 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

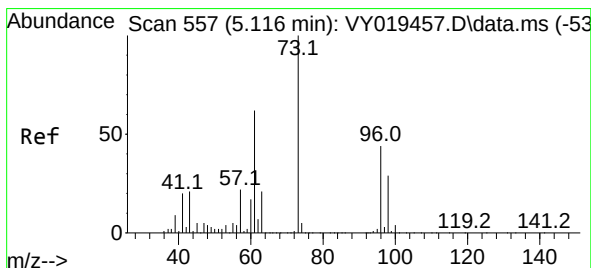
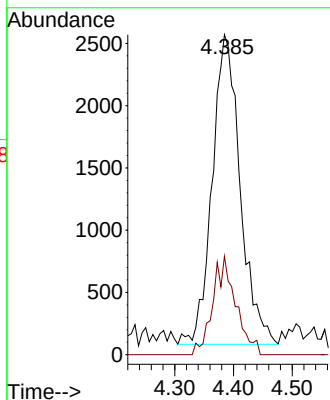
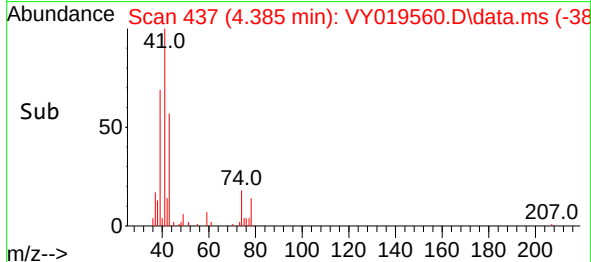
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
74 26.2 23.3 34.9

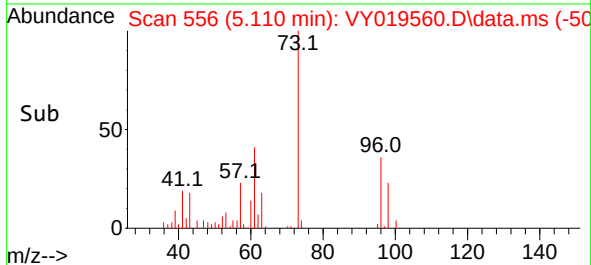
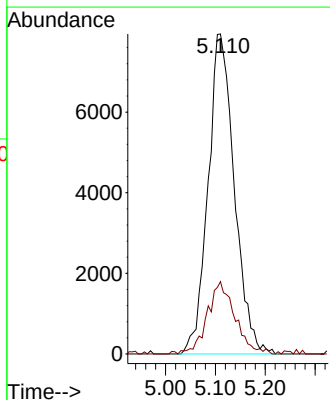
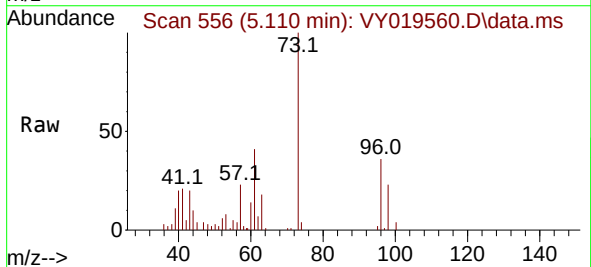
Manual Integrations
APPROVED

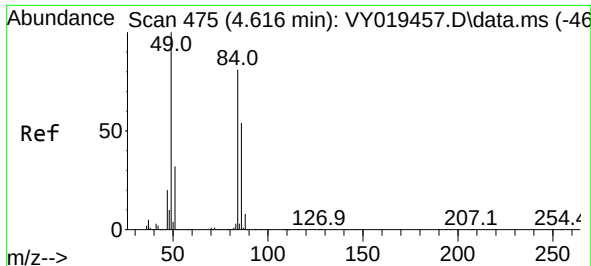
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#19
Methyl tert-butyl Ether
Concen: 2.731 ug/l
RT: 5.110 min Scan# 556
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

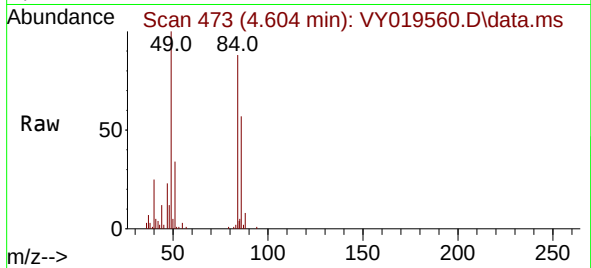
Tgt Ion: 73 Resp: 29141
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9





#20
Methylene Chloride
Concen: 3.933 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

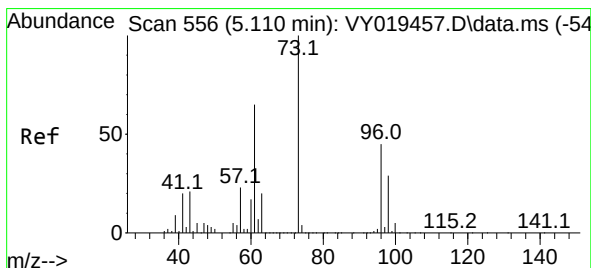
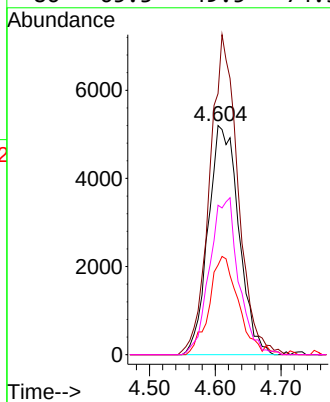
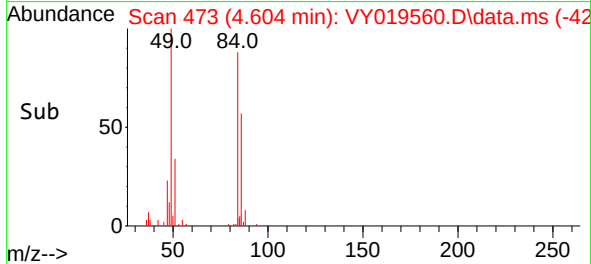
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 84	Resp: 1679
Ion Ratio	Lower Upper
84	100
49	114.0 84.4 126.6
51	39.1 26.0 39.0
86	65.3 49.5 74.3

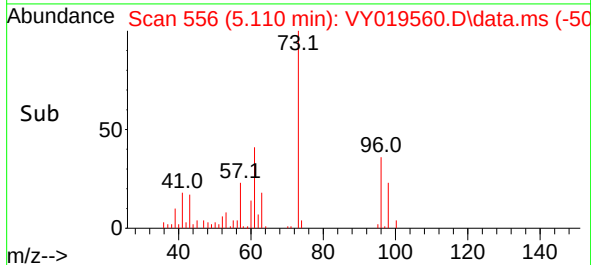
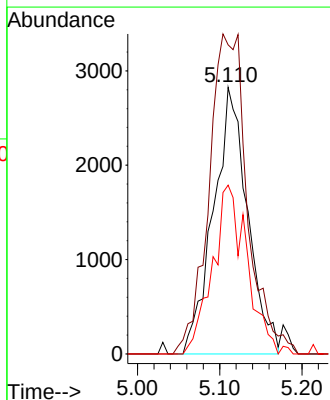
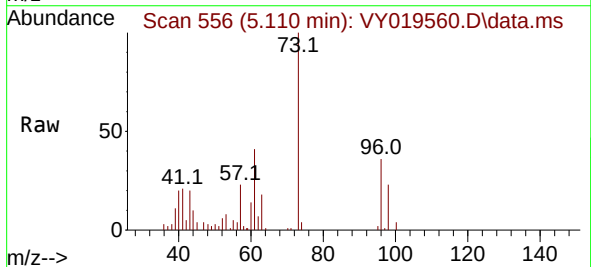
Manual Integrations
APPROVED

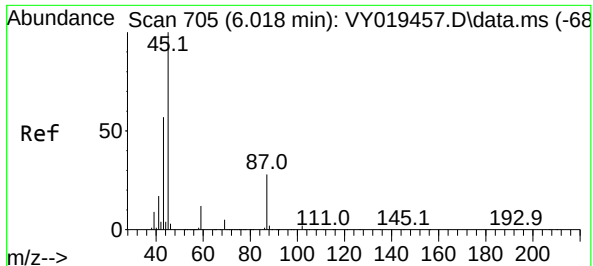
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#21
trans-1,2-Dichloroethene
Concen: 1.980 ug/l
RT: 5.110 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Tgt Ion: 96	Resp: 8177
Ion Ratio	Lower Upper
96	100
61	113.2 97.5 146.3
98	63.3 50.5 75.7





#22

Diisopropyl ether

Concen: 2.573 ug/l

RT: 6.018 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY019560.D

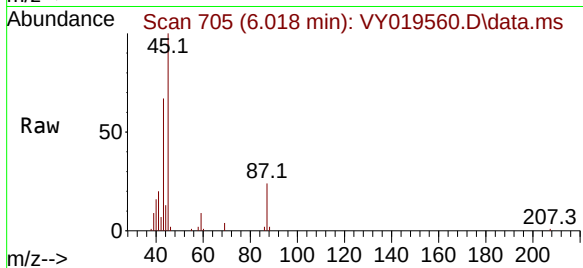
Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

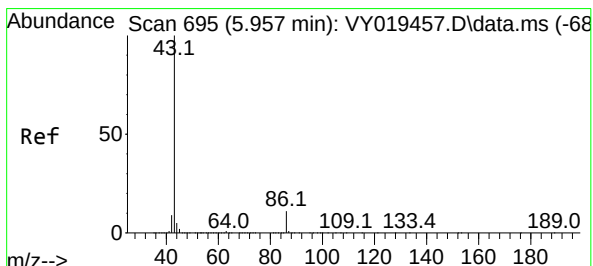
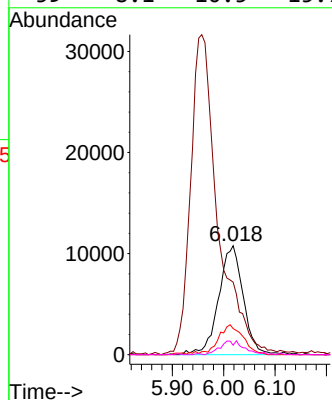
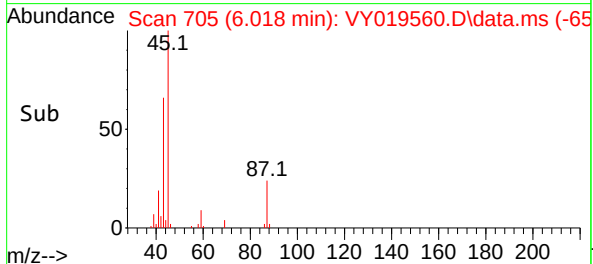


Tgt Ion:	45	Resp:	35689
Ion Ratio	Lower	Upper	
45	100		
43	62.6	42.2	63.2
87	24.0	25.0	37.6
59	8.1	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#23

Vinyl Acetate

Concen: 14.770 ug/l

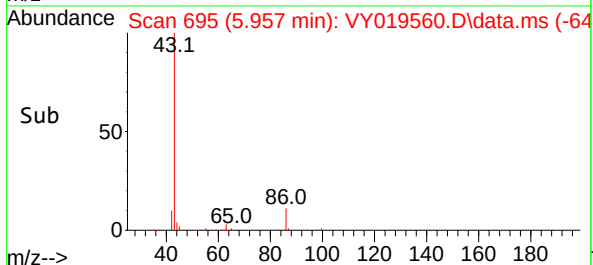
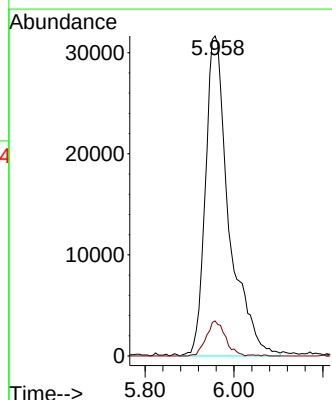
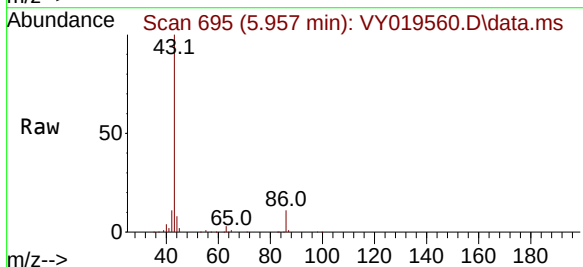
RT: 5.957 min Scan# 695

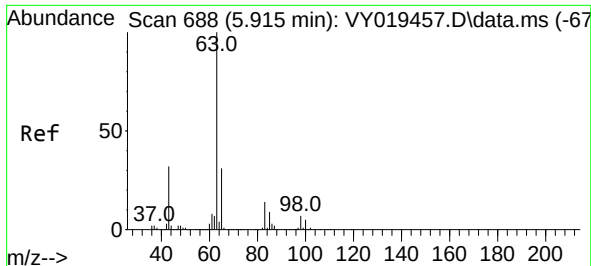
Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Tgt Ion:	43	Resp:	117029
Ion Ratio	Lower	Upper	
43	100		
86	10.9	10.6	16.0





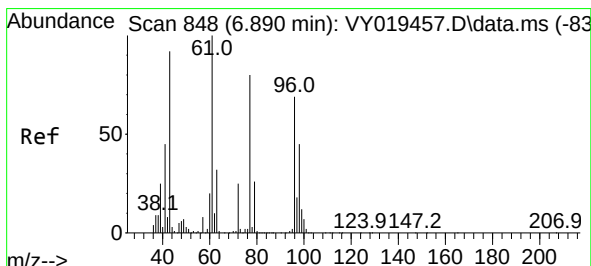
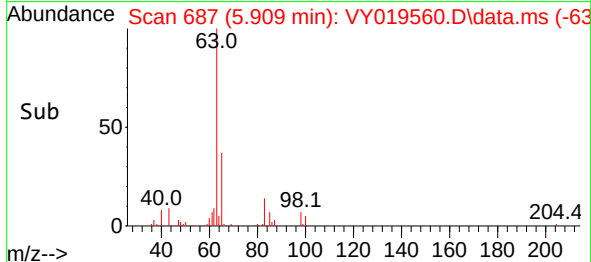
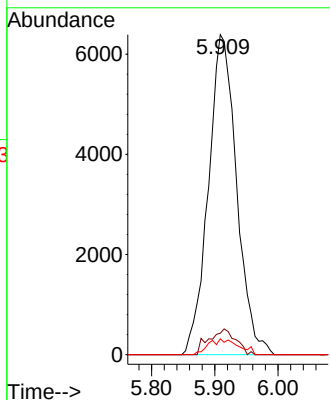
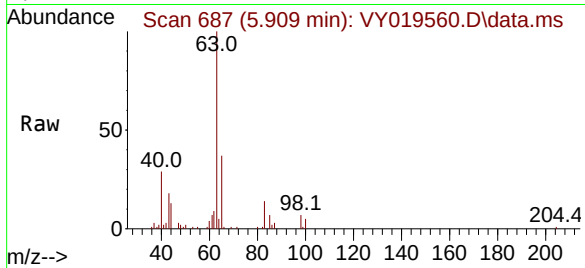
#24
1,1-Dichloroethane
Concen: 2.549 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 63 Resp: 1984
Ion Ratio Lower Upper
63 100
98 6.7 4.0 12.2
100 4.9 2.6 8.0

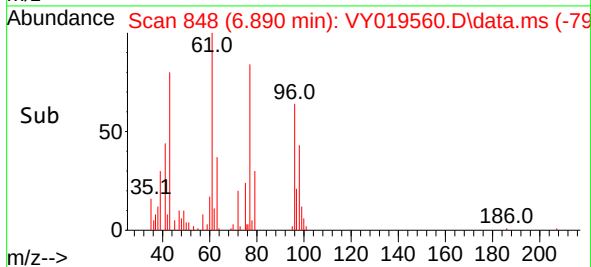
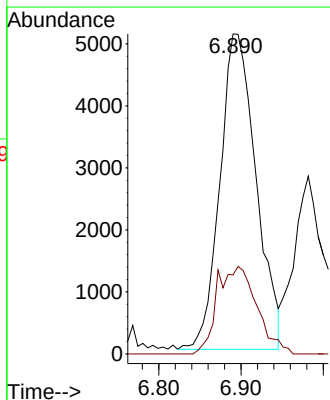
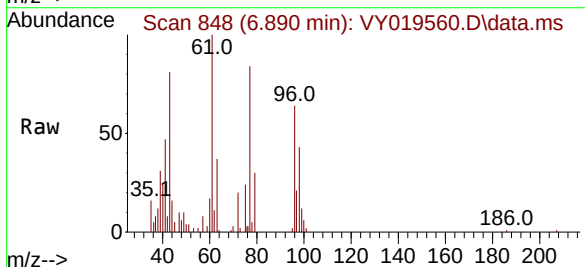
Manual Integrations
APPROVED

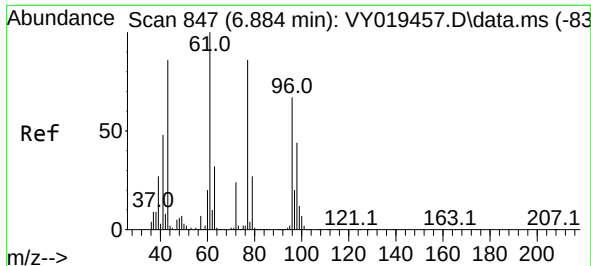
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#25
2-Butanone
Concen: 11.665 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

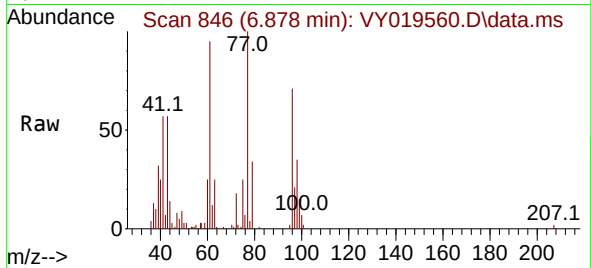
Tgt Ion: 43 Resp: 15539
Ion Ratio Lower Upper
43 100
72 25.1 27.3 40.9#





#26
2,2-Dichloropropane
Concen: 2.658 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

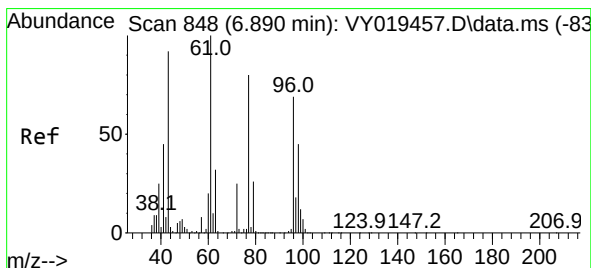
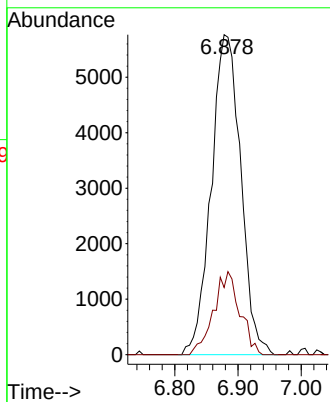
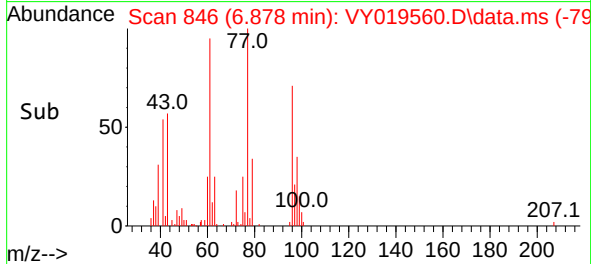
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 77 Resp: 1866
Ion Ratio Lower Upper
77 100
97 23.0 12.0 36.1

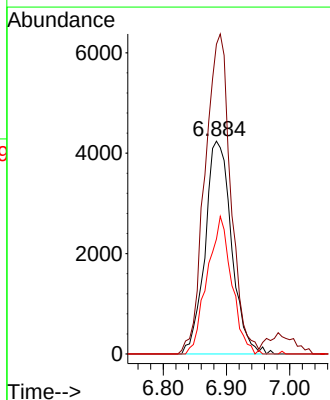
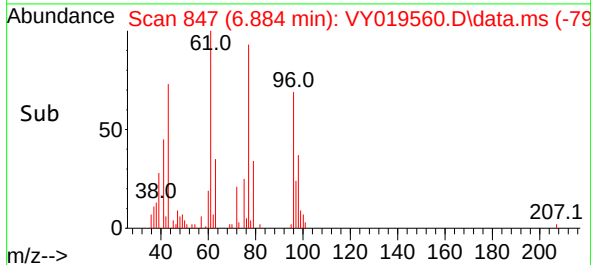
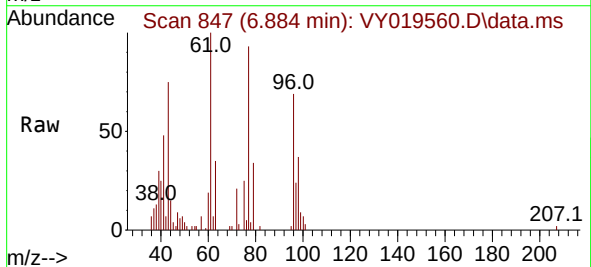
Manual Integrations
APPROVED

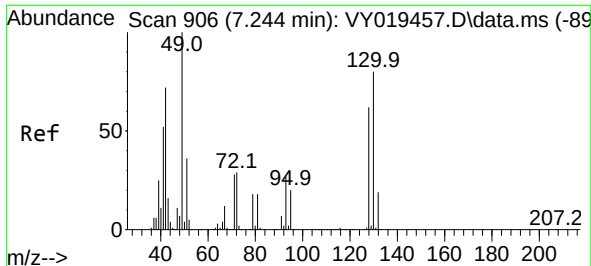
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#27
cis-1,2-Dichloroethene
Concen: 2.453 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

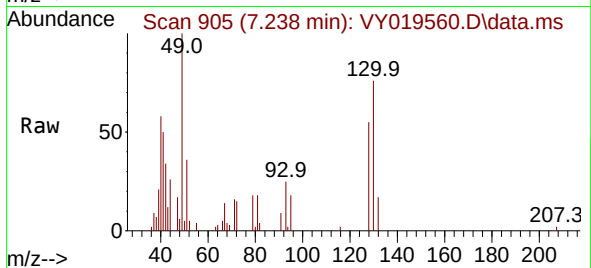
Tgt Ion: 96 Resp: 12305
Ion Ratio Lower Upper
96 100
61 146.3 0.0 256.2
98 59.9 0.0 130.0





#28
Bromochloromethane
Concen: 2.933 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

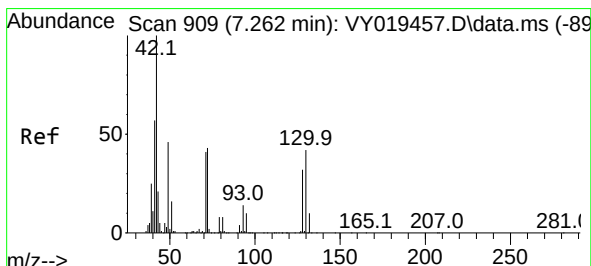
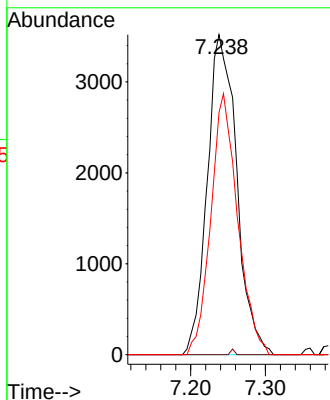
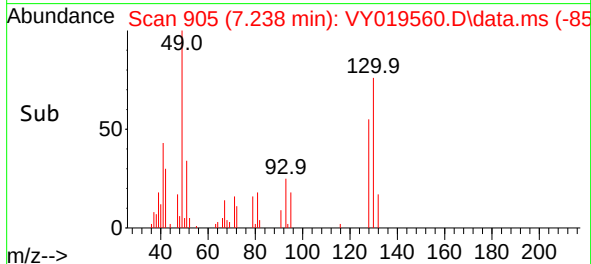
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



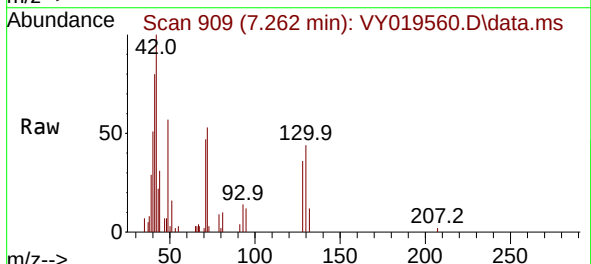
Tgt Ion: 49 Resp: 960
Ion Ratio Lower Upper
49 100
129 0.2 0.0 4.6
130 74.7 72.7 109.1

Manual Integrations
APPROVED

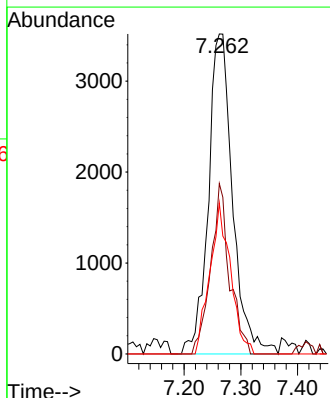
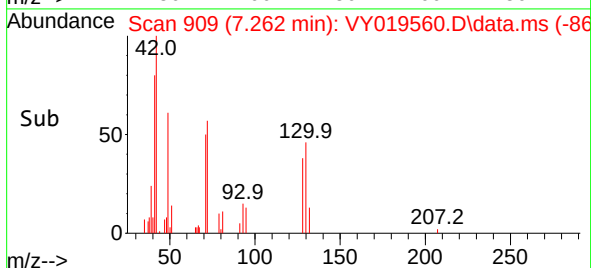
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

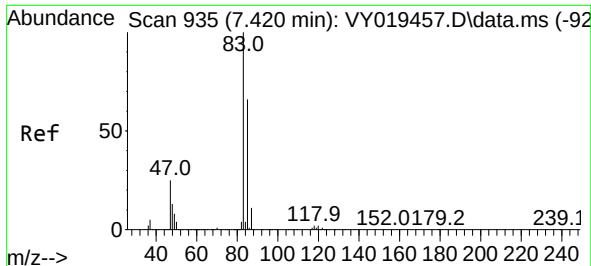


#29
Tetrahydrofuran
Concen: 12.892 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



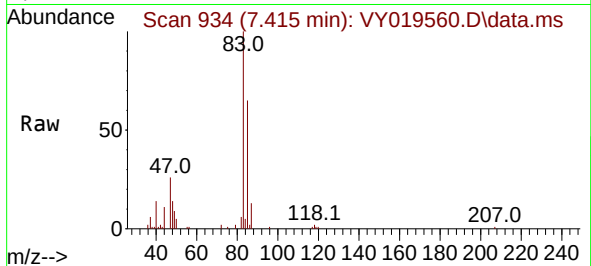
Tgt Ion: 42 Resp: 10442
Ion Ratio Lower Upper
42 100
72 41.5 43.0 64.4#
71 40.2 40.8 61.2#





#30
Chloroform
Concen: 2.762 ug/l
RT: 7.415 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

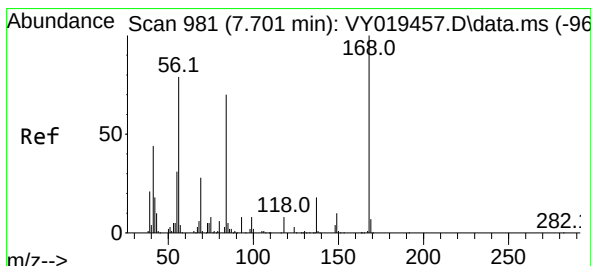
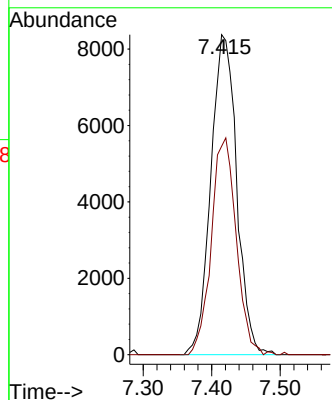
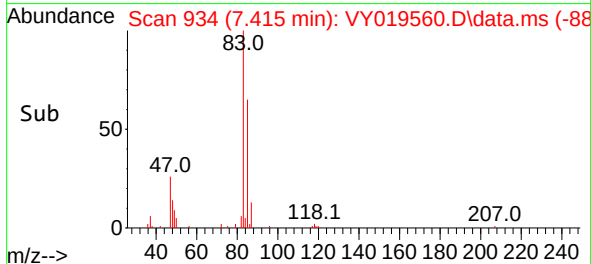
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



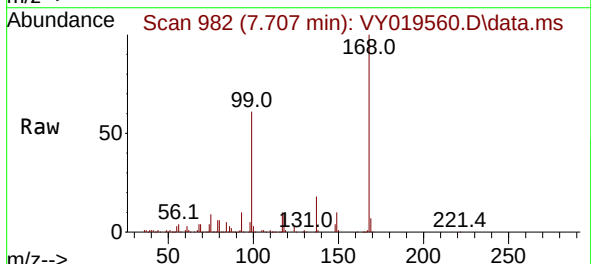
Tgt Ion: 83 Resp: 2194
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4

Manual Integrations
APPROVED

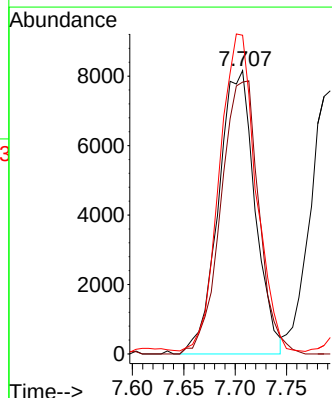
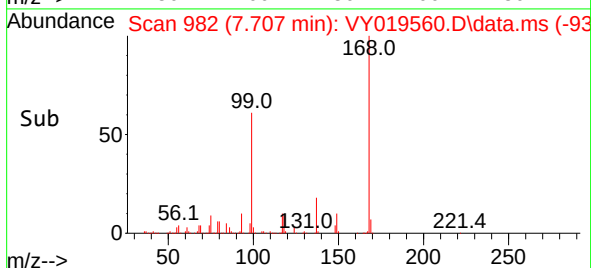
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

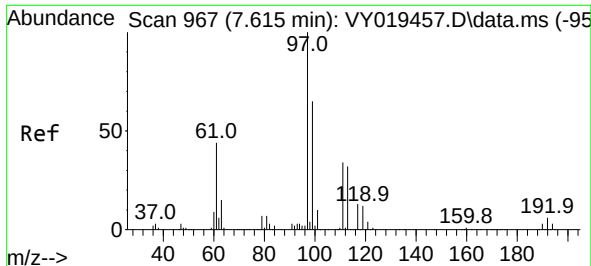


#31
Cyclohexane
Concen: 2.866 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



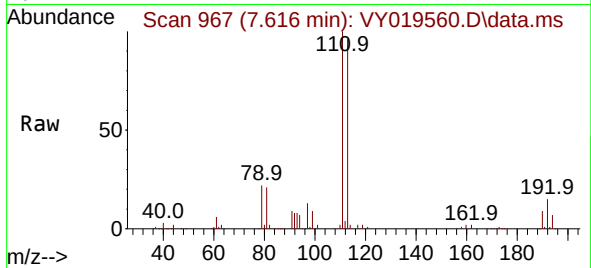
Tgt Ion: 56 Resp: 20164
Ion Ratio Lower Upper
56 100
69 95.9 28.7 43.1#
84 111.3 77.7 116.5





#32
1,1,1-Trichloroethane
Concen: 2.505 ug/l
RT: 7.616 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

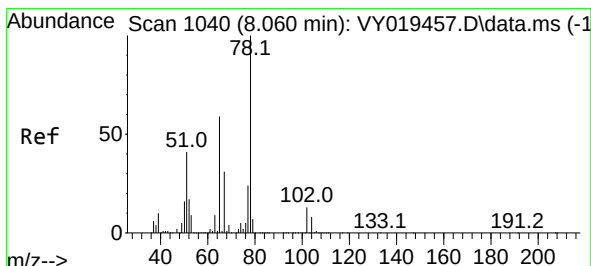
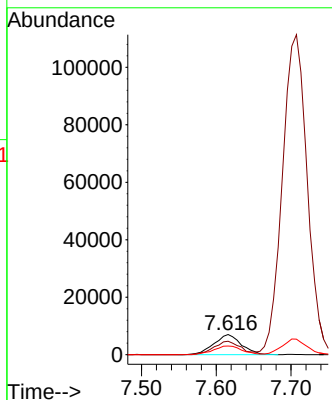
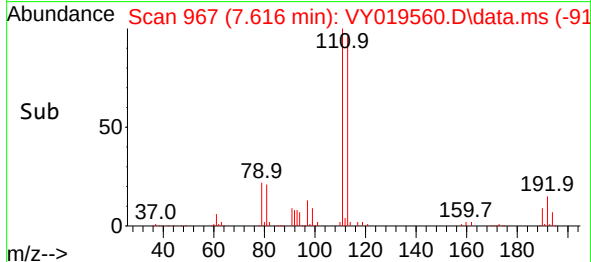
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 97 Resp: 1784
Ion Ratio Lower Upper
97 100
99 65.9 50.3 75.5
61 44.6 32.6 48.8

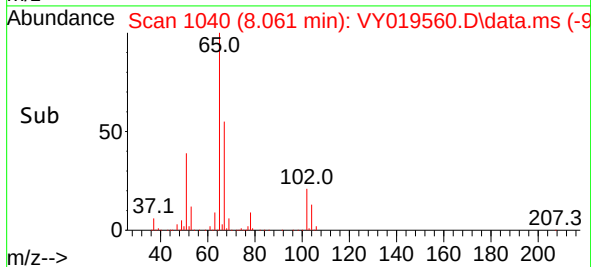
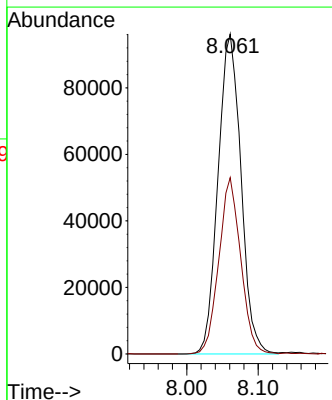
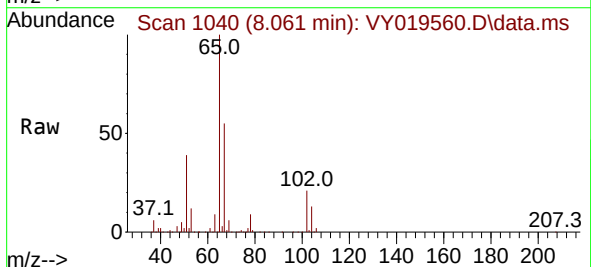
Manual Integrations
APPROVED

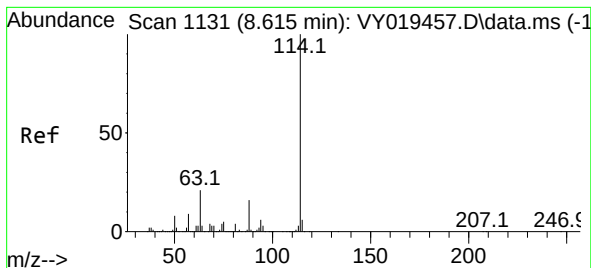
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#33
1,2-Dichloroethane-d4
Concen: 54.460 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Tgt Ion: 65 Resp: 214107
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

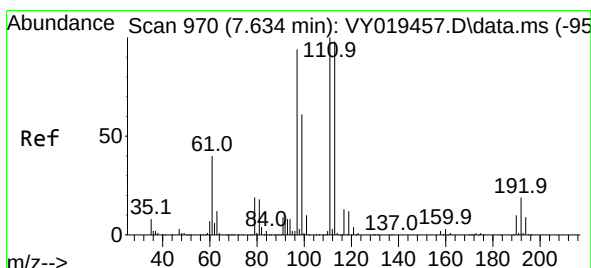
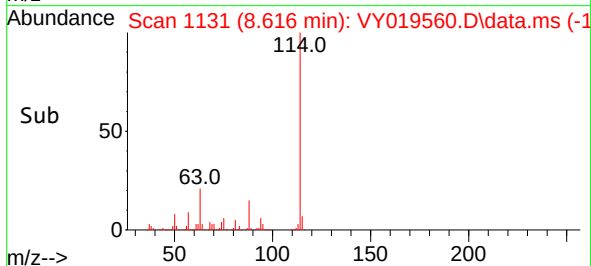
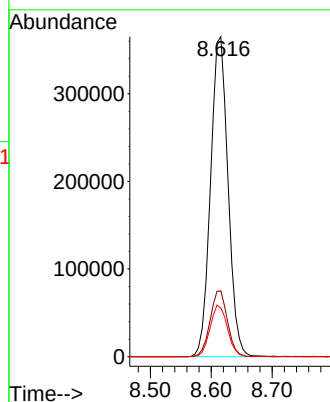
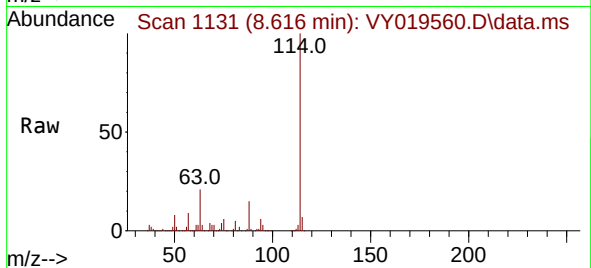
Tgt Ion:114 Resp: 72750

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	35.0
88	15.2	0.0	27.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#35

Dibromofluoromethane

Concen: 51.840 ug/l

RT: 7.634 min Scan# 970

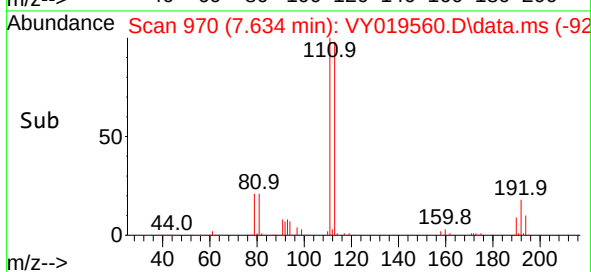
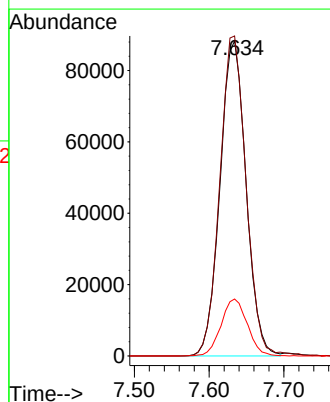
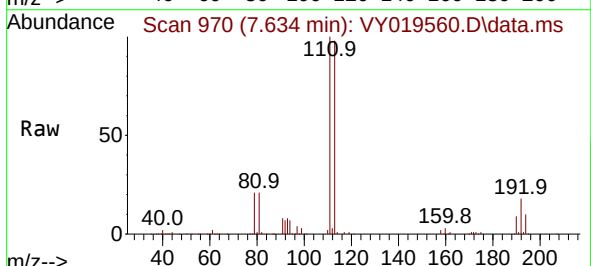
Delta R.T. 0.000 min

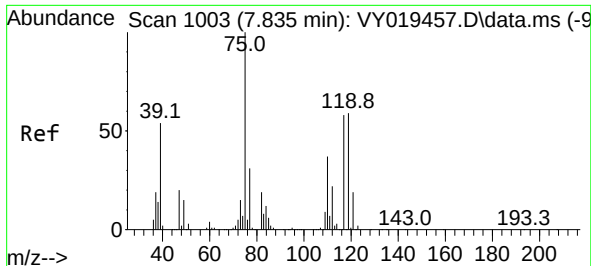
Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Tgt Ion:113 Resp: 213831

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.2	15.9	23.9





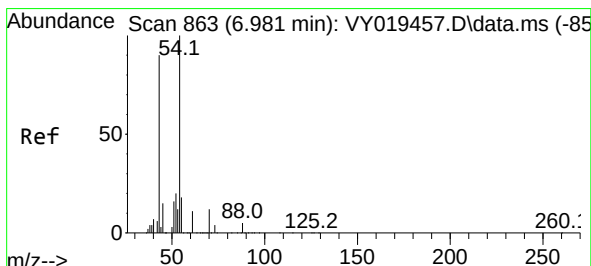
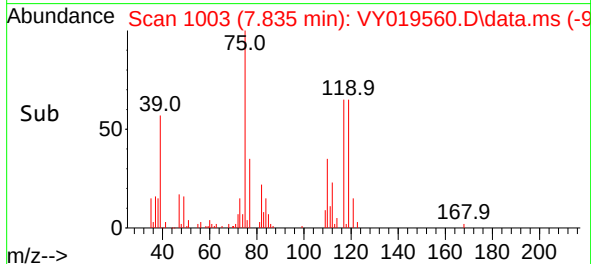
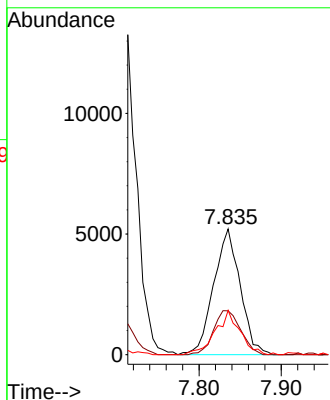
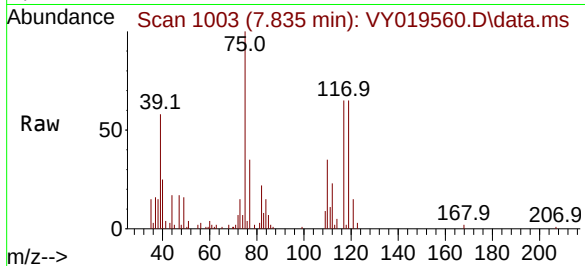
#36
1,1-Dichloropropene
Concen: 2.083 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 75 Resp: 1169
Ion Ratio Lower Upper
75 100
110 35.8 19.0 57.0
77 32.6 25.3 37.9

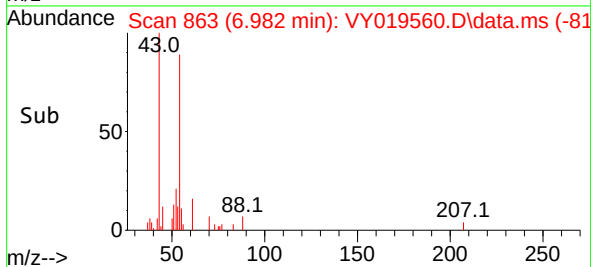
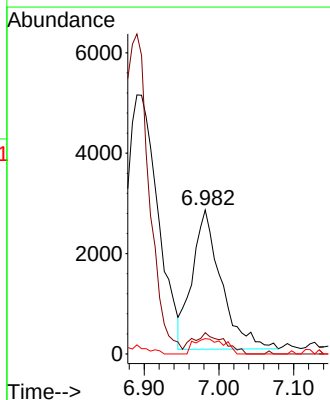
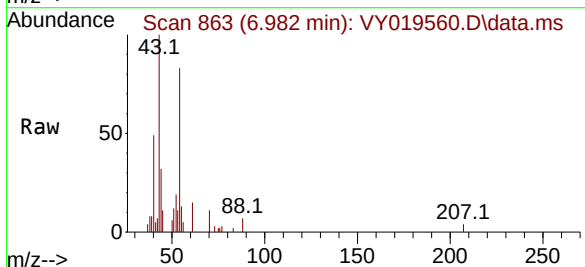
Manual Integrations
APPROVED

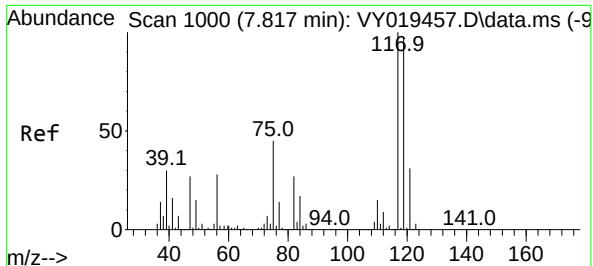
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#37
Ethyl Acetate
Concen: 2.606 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

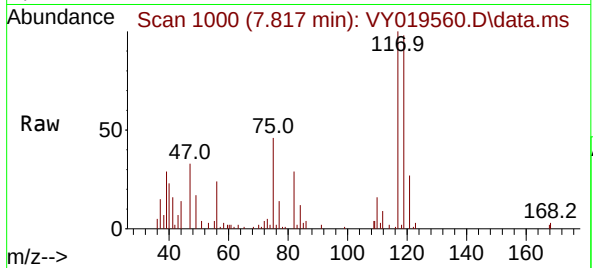
Tgt Ion: 43 Resp: 7494
Ion Ratio Lower Upper
43 100
61 16.0 12.6 19.0
70 11.5 7.8 11.8





#38
Carbon Tetrachloride
Concen: 2.414 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

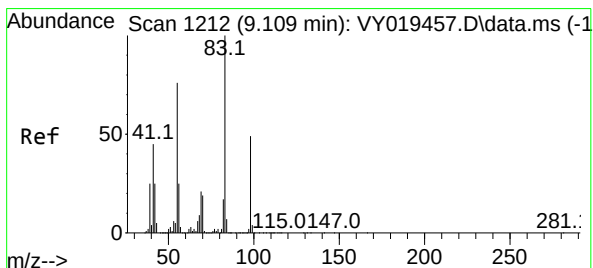
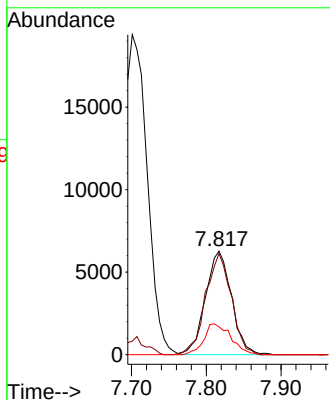
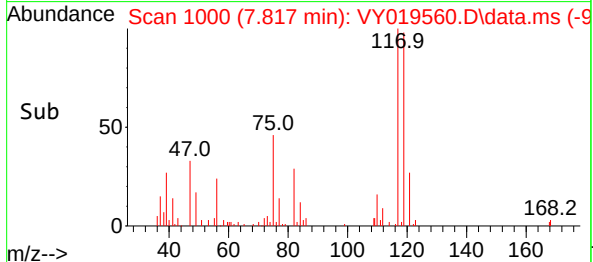
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 117 Resp: 1527
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.6
121 26.9 24.0 36.0

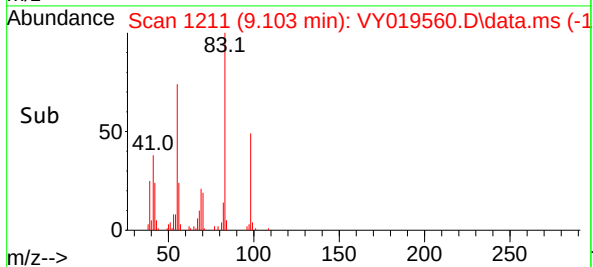
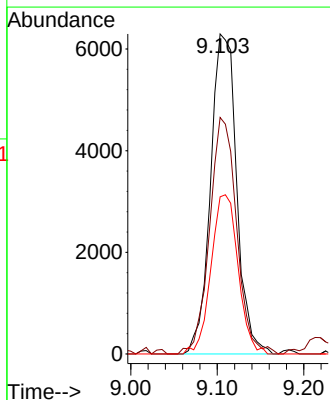
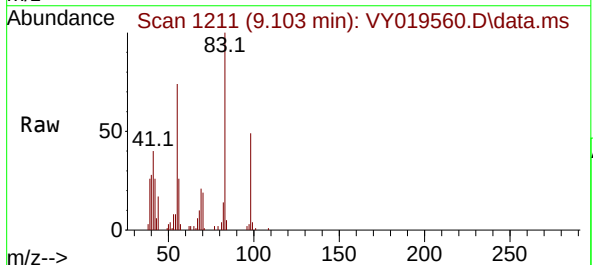
Manual Integrations
APPROVED

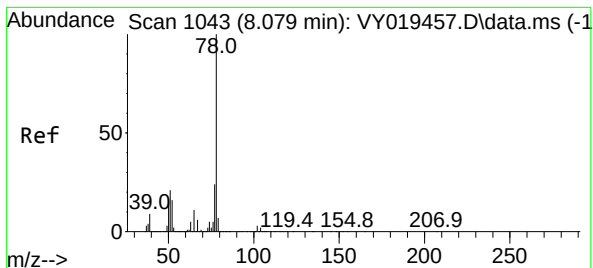
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#39
Methylcyclohexane
Concen: 1.766 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Tgt Ion: 83 Resp: 13193
Ion Ratio Lower Upper
83 100
55 73.9 51.5 77.3
98 49.1 40.5 60.7





#40

Benzene

Concen: 2.287 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

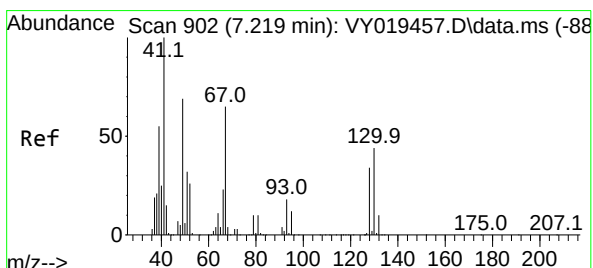
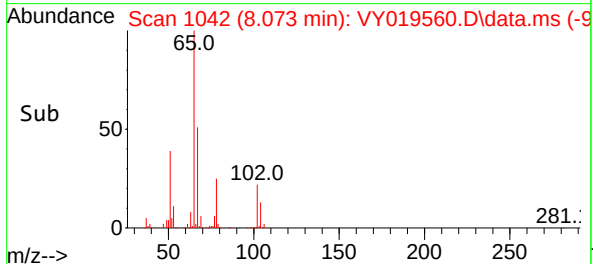
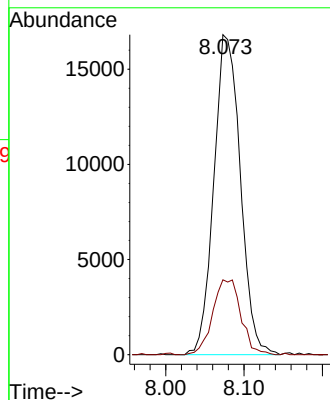
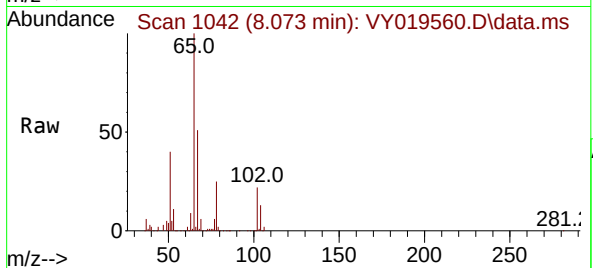
MDL-SOIL-03-QT3-2024

Tgt Ion: 78 Resp: 39528
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024



#41

Methacrylonitrile

Concen: 2.389 ug/l

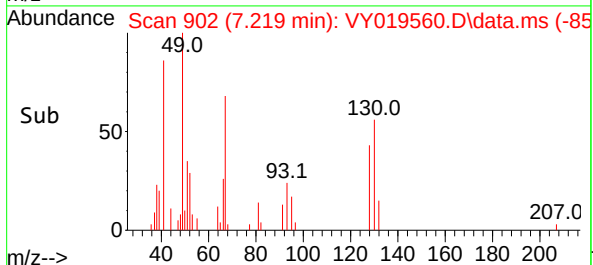
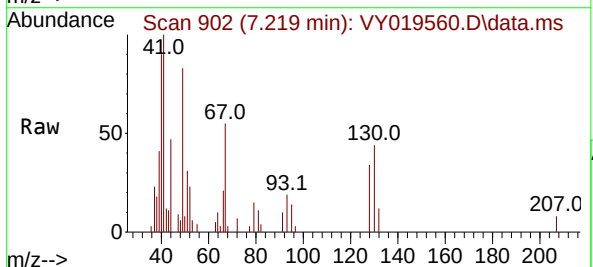
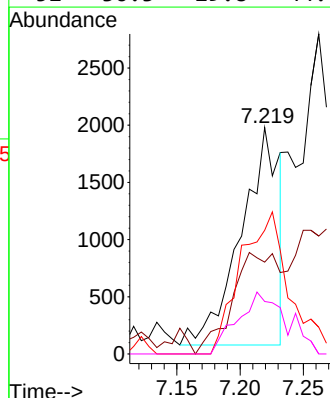
RT: 7.219 min Scan# 902

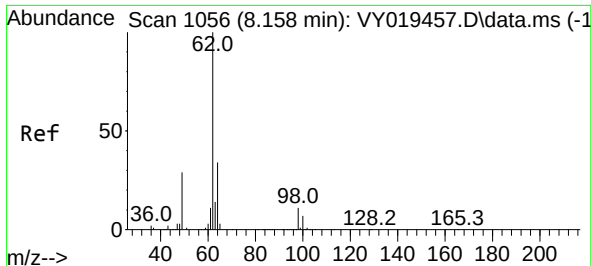
Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Tgt Ion: 41 Resp: 4004
 Ion Ratio Lower Upper
 41 100
 39 55.9 48.0 72.0
 67 83.2 75.1 112.7
 52 36.3 29.8 44.6





#42

1,2-Dichloroethane

Concen: 2.604 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

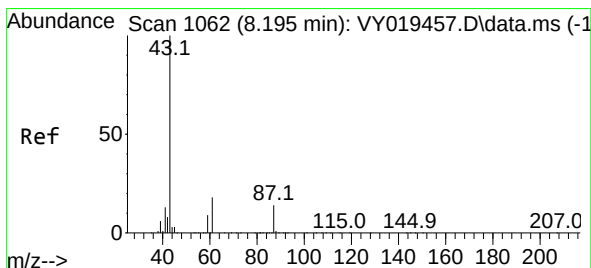
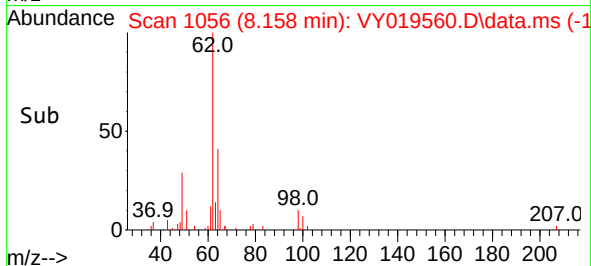
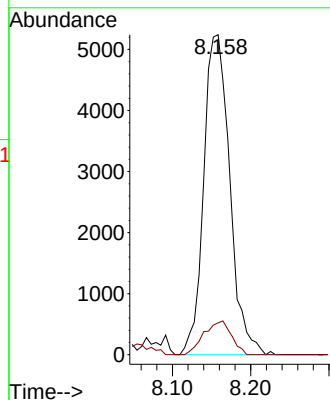
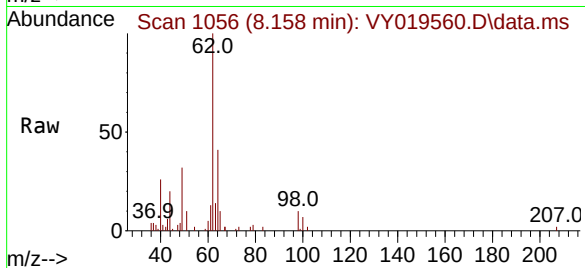
MDL-SOIL-03-QT3-2024

Tgt Ion: 62 Resp: 1211
 Ion Ratio Lower Upper
 62 100
 98 11.1 0.0 22.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024



#43

Isopropyl Acetate

Concen: 2.666 ug/l

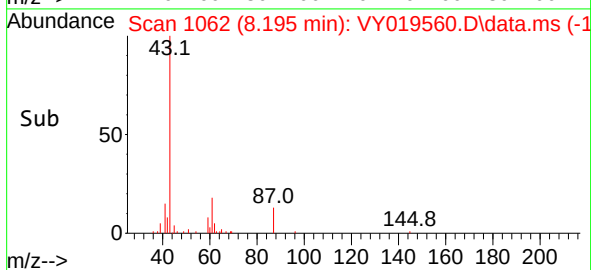
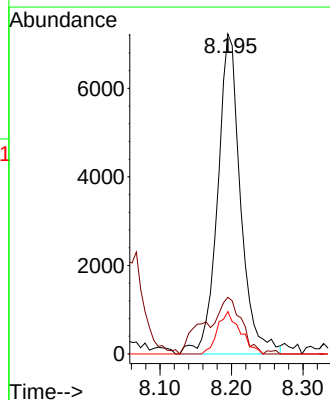
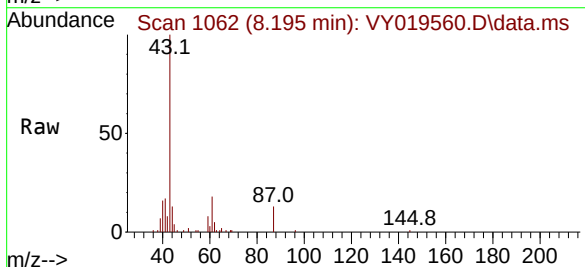
RT: 8.195 min Scan# 1062

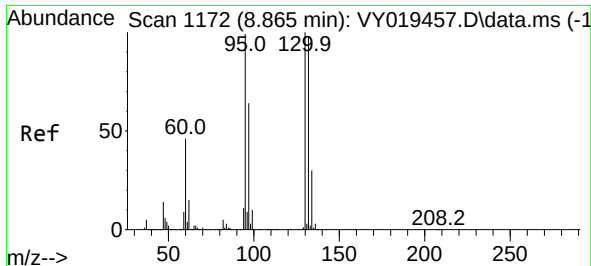
Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

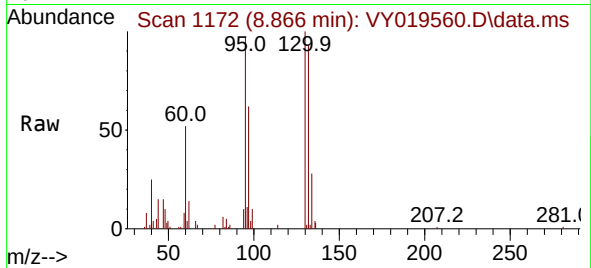
Tgt Ion: 43 Resp: 16107
 Ion Ratio Lower Upper
 43 100
 61 18.3 27.9 41.9#
 87 13.1 13.1 19.7#





#44
Trichloroethene
Concen: 2.273 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

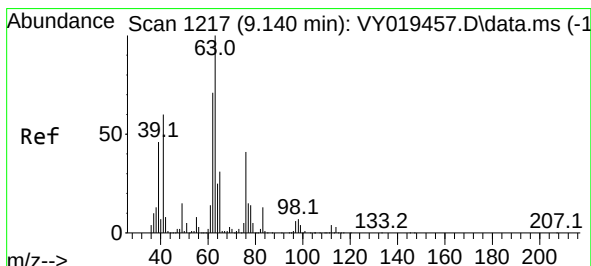
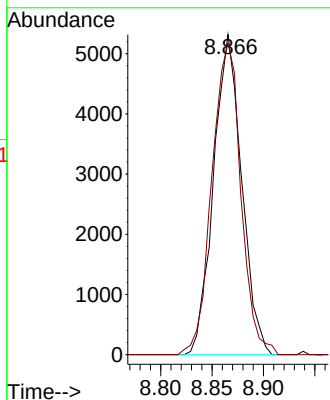
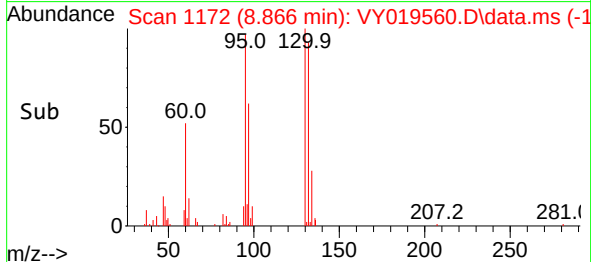
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



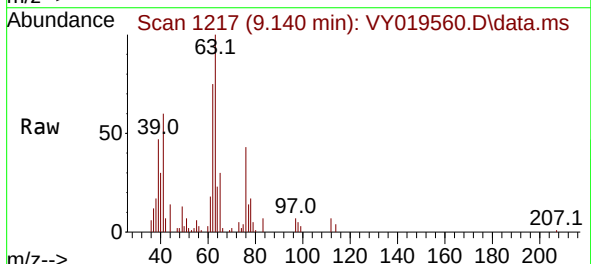
Tgt Ion: 130 Resp: 1010
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.0

Manual Integrations
APPROVED

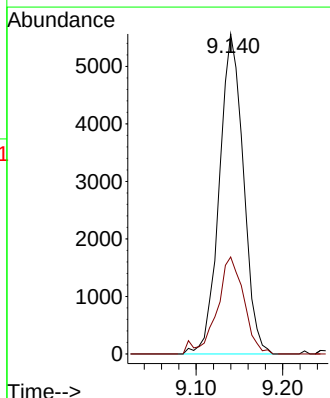
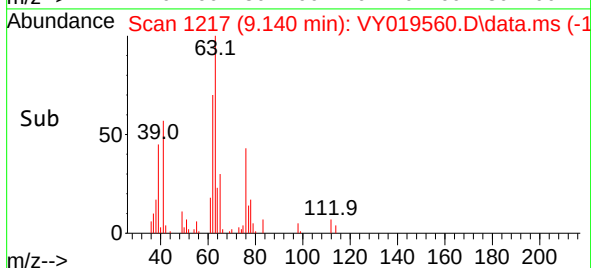
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

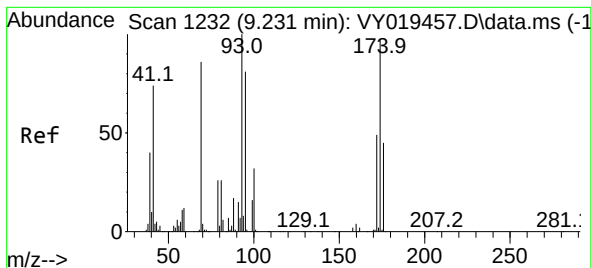


#45
1,2-Dichloropropane
Concen: 2.544 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



Tgt Ion: 63 Resp: 10751
Ion Ratio Lower Upper
63 100
65 30.3 25.4 38.2





#46

Dibromomethane

Concen: 2.471 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019560.D

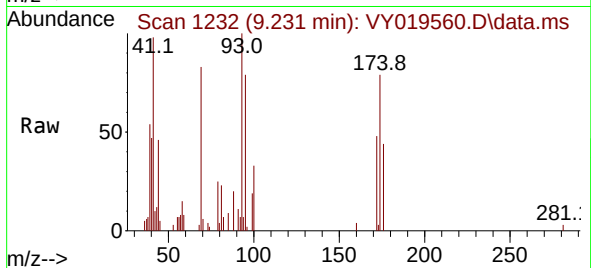
Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

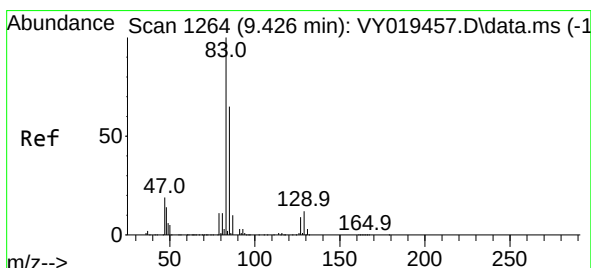
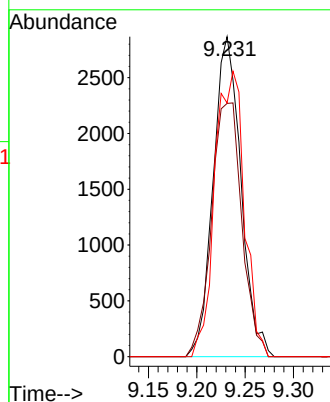
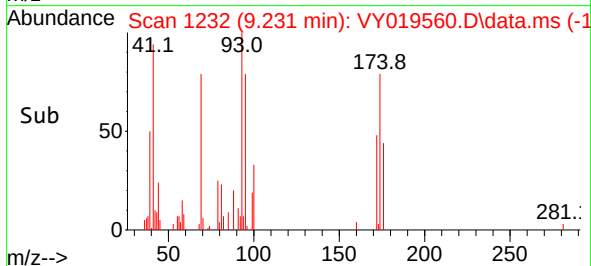


Tgt Ion:	93	Resp:	5710
Ion Ratio	Lower	Upper	
93	100		
95	86.8	66.2	99.4
174	94.8	80.9	121.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#47

Bromodichloromethane

Concen: 2.583 ug/l

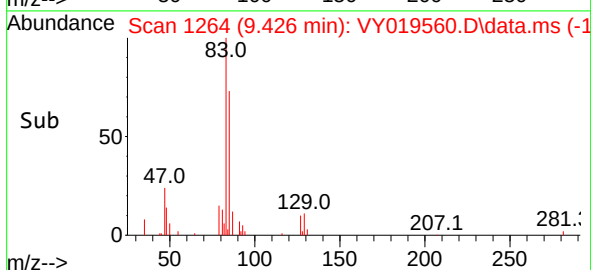
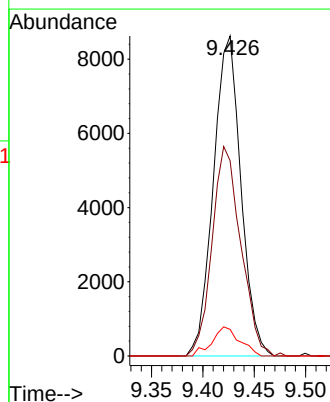
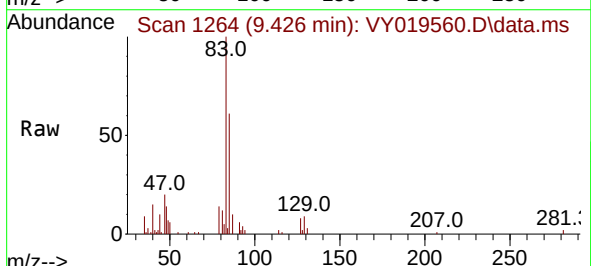
RT: 9.426 min Scan# 1264

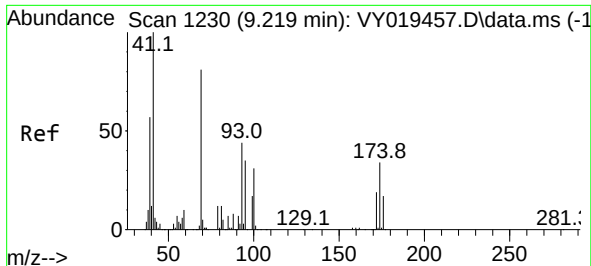
Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Tgt Ion:	83	Resp:	16046
Ion Ratio	Lower	Upper	
83	100		
85	61.0	50.1	75.1
127	8.3	7.4	11.0





#48

Methyl methacrylate

Concen: 2.432 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

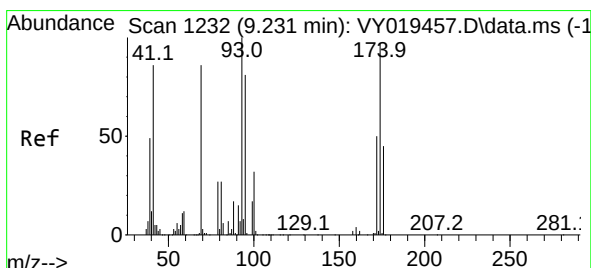
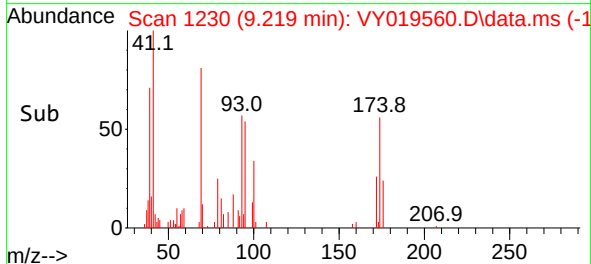
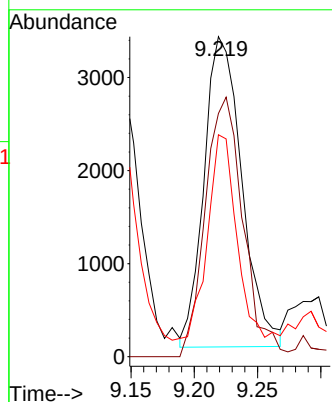
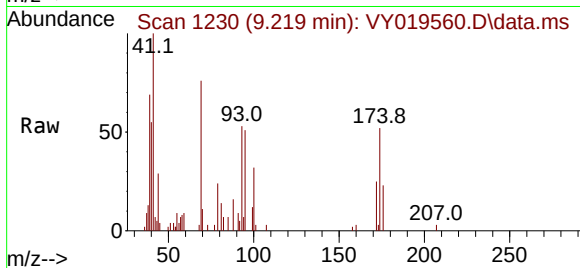
MDL-SOIL-03-QT3-2024

Tgt Ion:	41	Resp:	6940
Ion	Ratio	Lower	Upper
41	100		
69	83.6	84.1	126.1
39	60.8	43.6	65.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#49

1,4-Dioxane

Concen: 62.079 ug/l

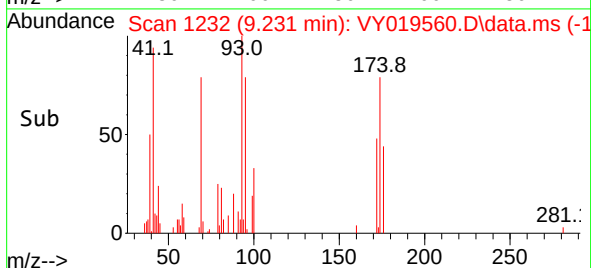
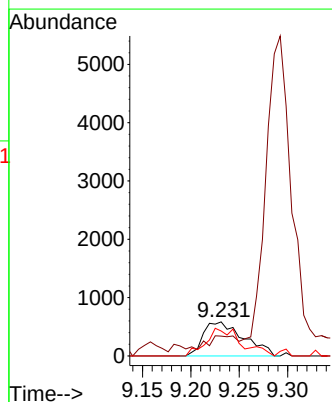
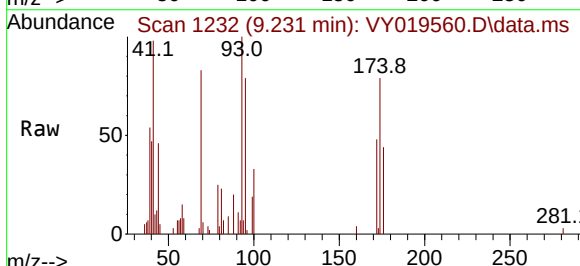
RT: 9.231 min Scan# 1232

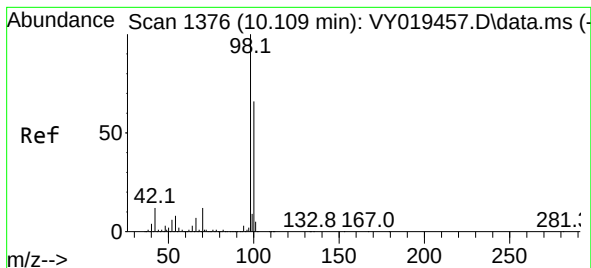
Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

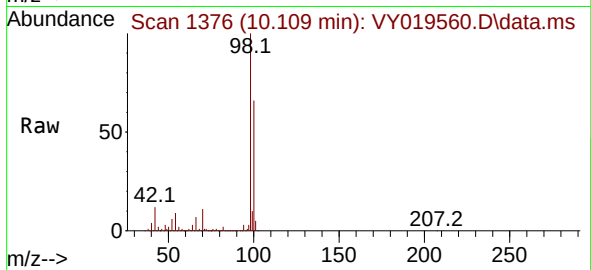
Tgt Ion:	88	Resp:	1689
Ion	Ratio	Lower	Upper
88	100		
43	27.7	0.0	0.0
58	70.5	49.3	73.9





#50
Toluene-d8
Concen: 51.662 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

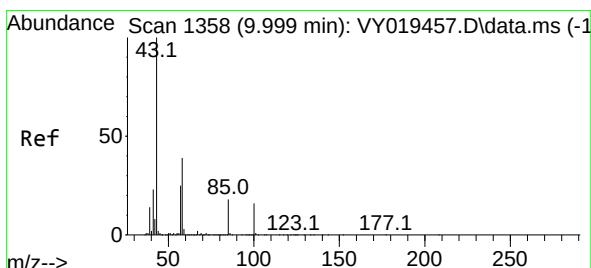
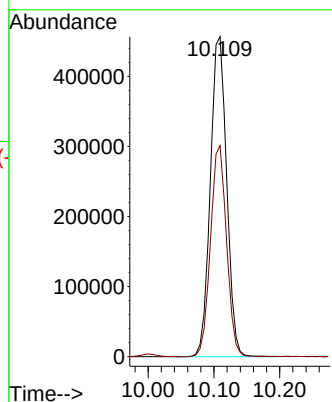
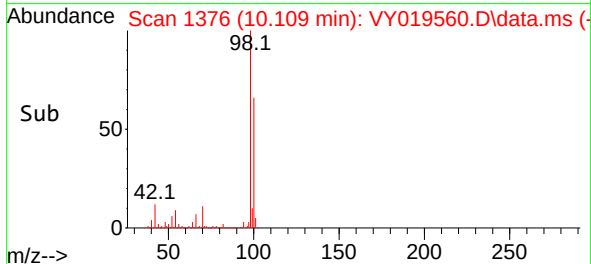
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



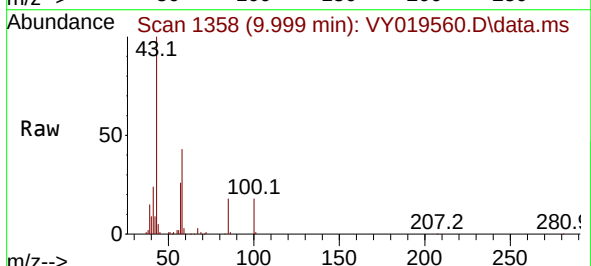
Tgt Ion: 98 Resp: 788192
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

Manual Integrations
APPROVED

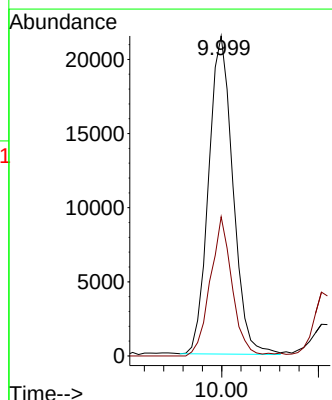
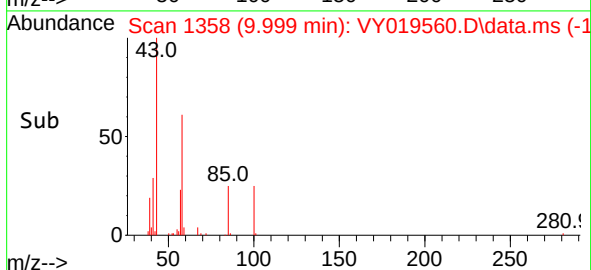
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

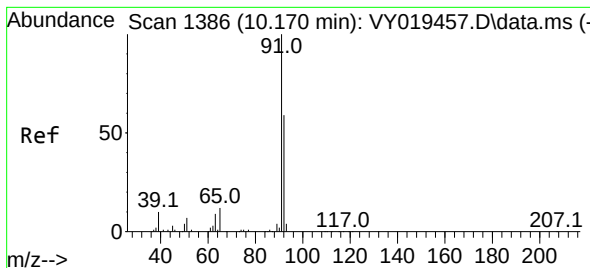


#51
4-Methyl-2-Pentanone
Concen: 12.343 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



Tgt Ion: 43 Resp: 37517
Ion Ratio Lower Upper
43 100
58 39.1 35.7 53.5





#52

Toluene

Concen: 2.258 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 92 Resp: 25100

Ion Ratio Lower Upper

92 100

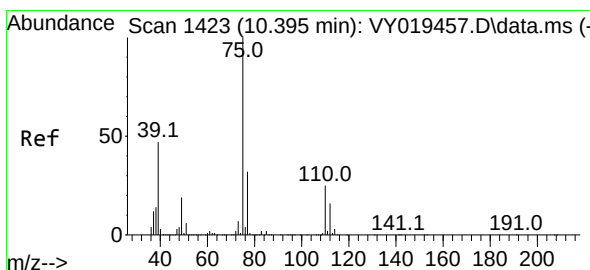
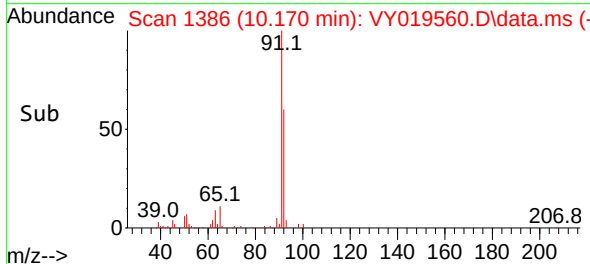
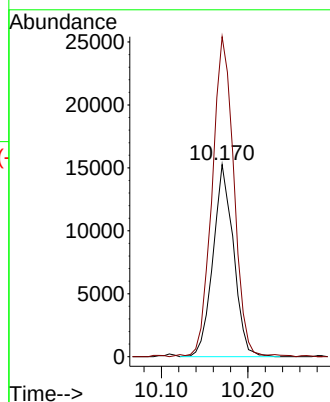
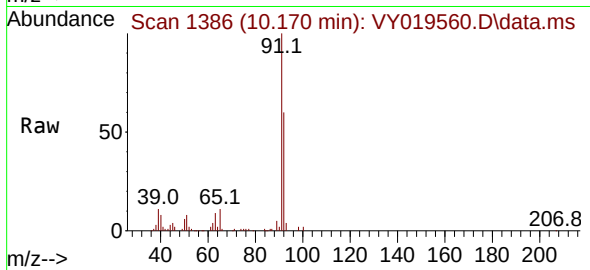
91 176.3 139.0 208.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#53

t-1,3-Dichloropropene

Concen: 2.411 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019560.D

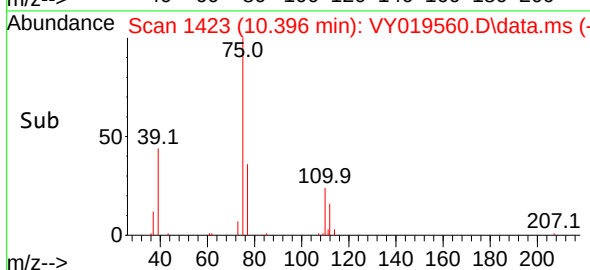
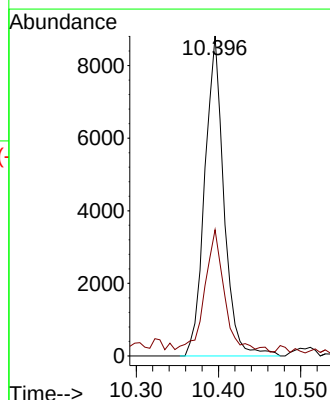
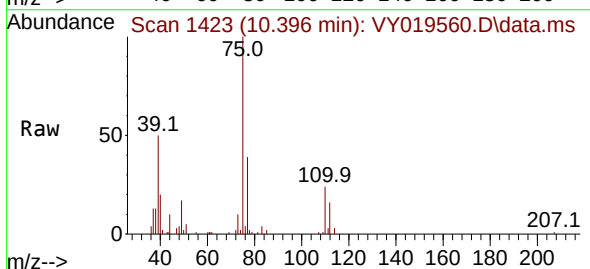
Acq: 16 Sep 2024 12:01

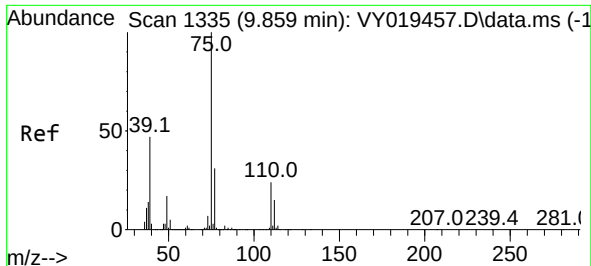
Tgt Ion: 75 Resp: 14278

Ion Ratio Lower Upper

75 100

77 36.4 24.1 36.1#





#54

cis-1,3-Dichloropropene

Concen: 2.344 ug/l

RT: 9.853 min Scan# 1335

Delta R.T. -0.006 min

Lab File: VY019560.D

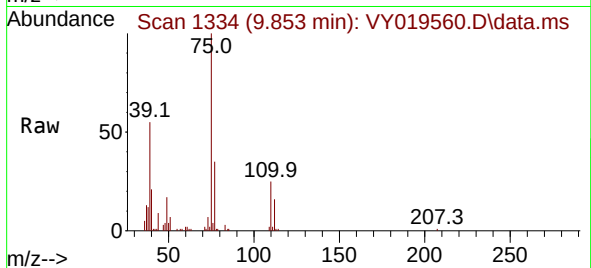
Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024



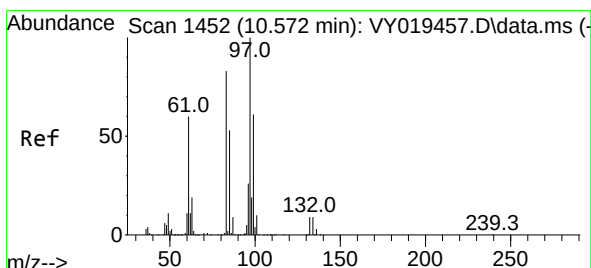
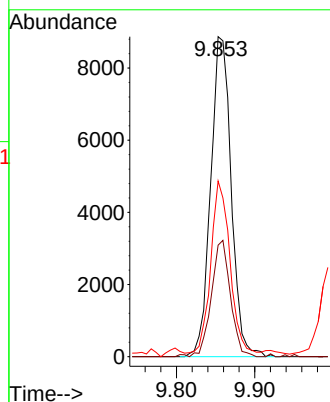
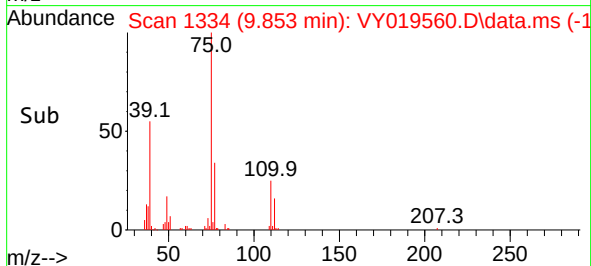
Tgt Ion:	75	Resp:	1616
Ion Ratio	100	Lower	Upper
75	100		
77	34.8	25.4	38.0
39	53.6	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#55

1,1,2-Trichloroethane

Concen: 2.753 ug/l

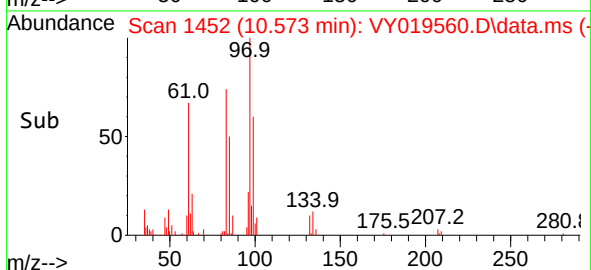
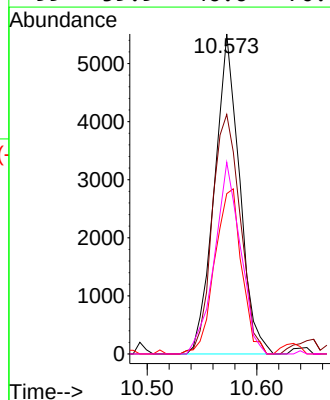
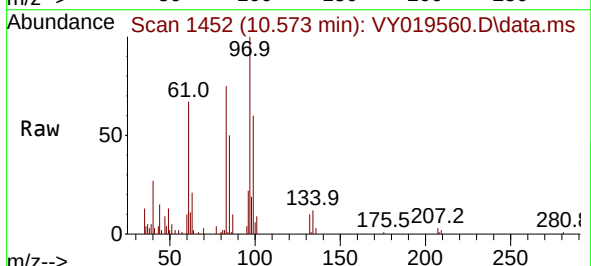
RT: 10.573 min Scan# 1452

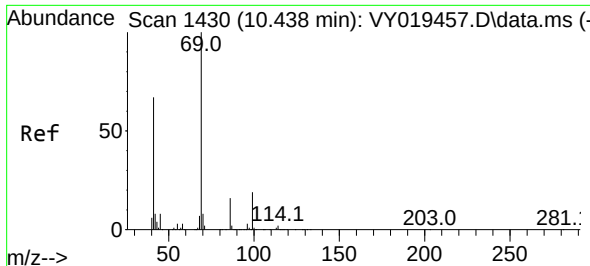
Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

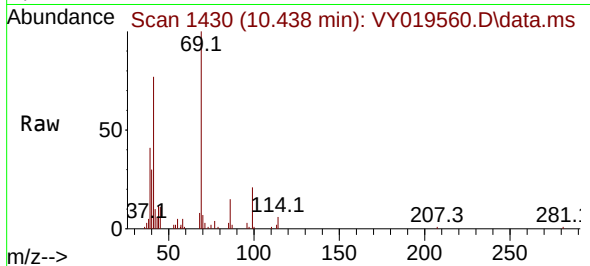
Tgt Ion:	97	Resp:	8786
Ion Ratio	100	Lower	Upper
97	100		
83	74.9	67.5	101.3
85	50.1	42.9	64.3
99	59.9	46.6	70.0





#56
Ethyl methacrylate
Concen: 2.397 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

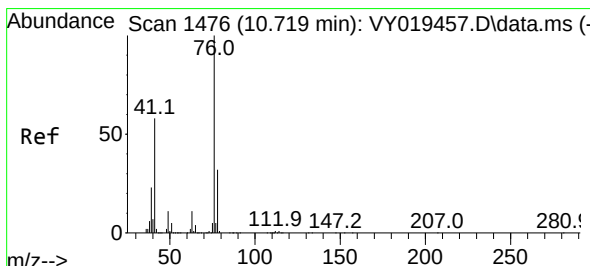
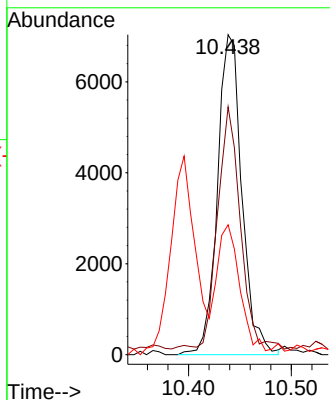
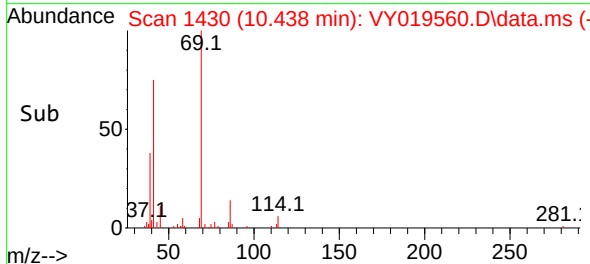
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 69 Resp: 11619
Ion Ratio Lower Upper
69 100
41 70.9 42.3 63.5
39 35.8 22.9 34.3

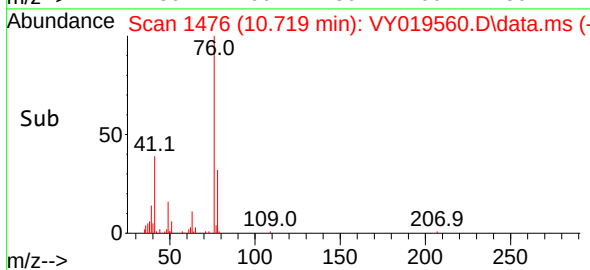
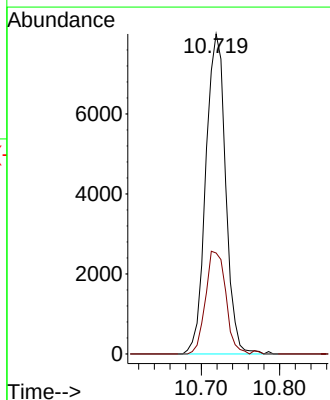
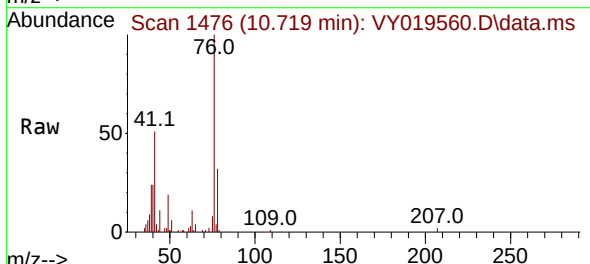
Manual Integrations
APPROVED

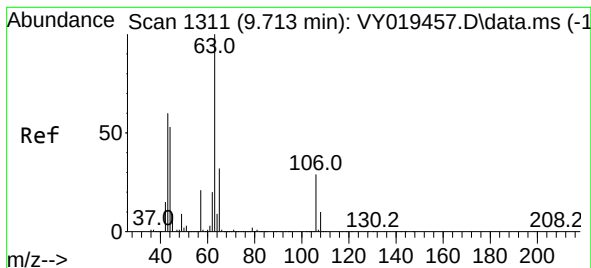
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#57
1,3-Dichloropropane
Concen: 2.560 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Tgt Ion: 76 Resp: 14046
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4





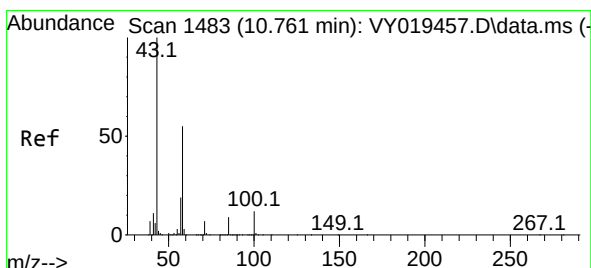
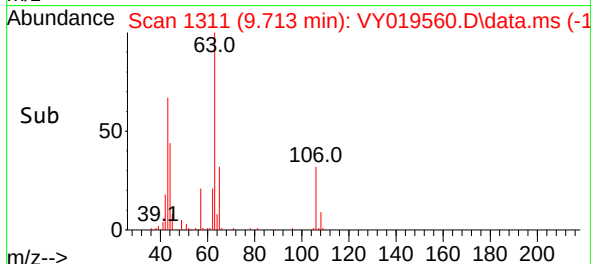
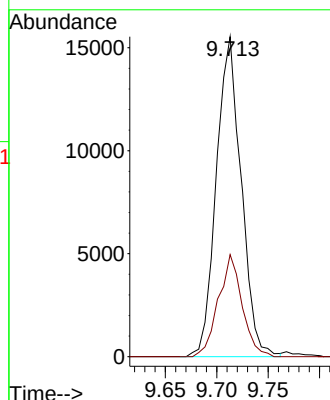
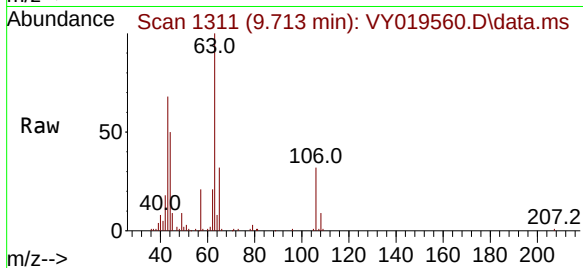
#58
2-Chloroethyl Vinyl ether
Concen: 11.606 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 63 Resp: 26110
Ion Ratio Lower Upper
63 100
106 30.4 23.7 35.5

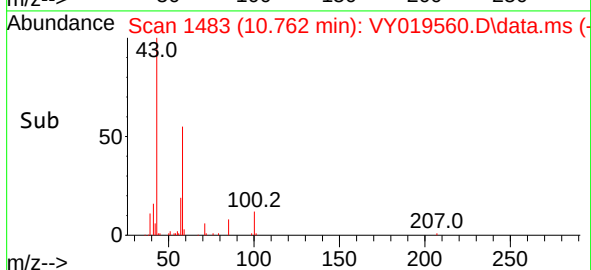
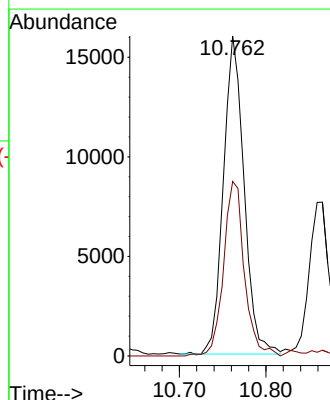
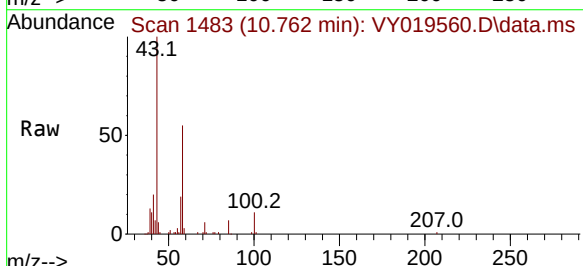
Manual Integrations
APPROVED

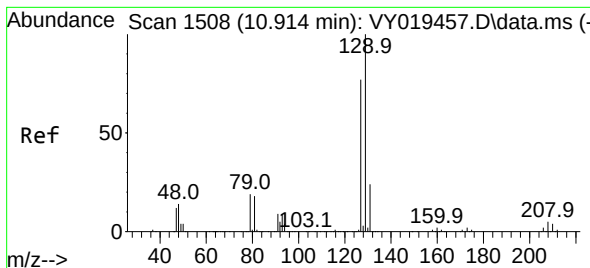
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#59
2-Hexanone
Concen: 11.860 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

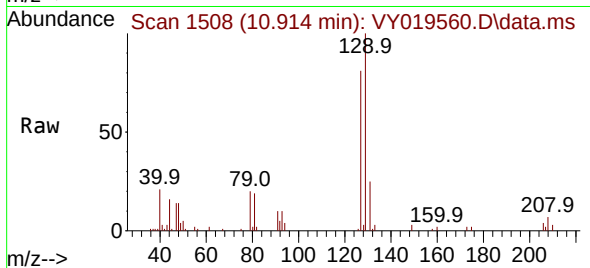
Tgt Ion: 43 Resp: 26428
Ion Ratio Lower Upper
43 100
58 55.3 31.4 94.0





#60
Dibromochloromethane
Concen: 2.619 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

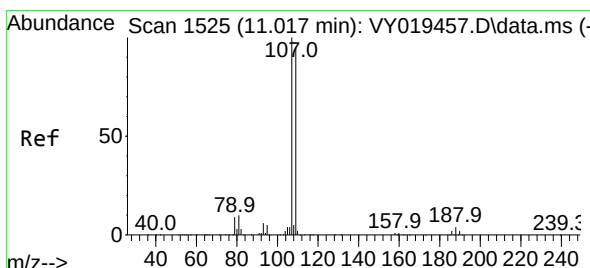
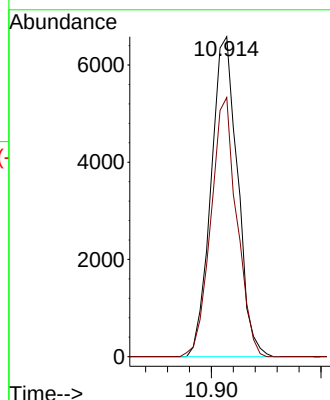
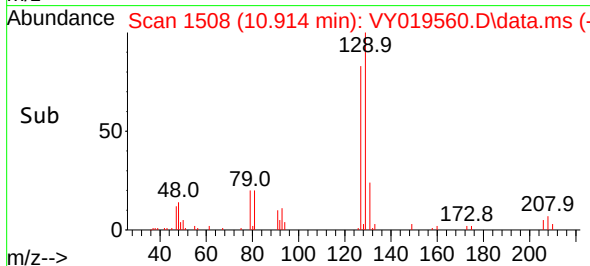
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



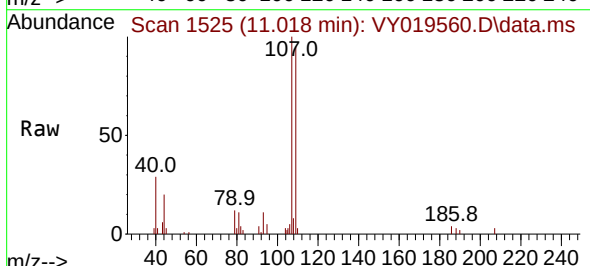
Tgt Ion:129 Resp: 1105
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0

Manual Integrations
APPROVED

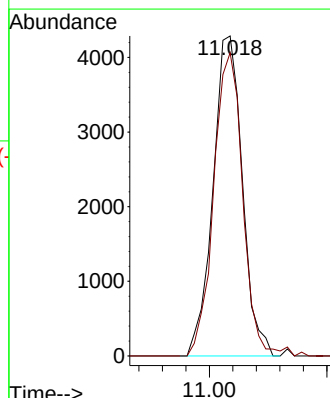
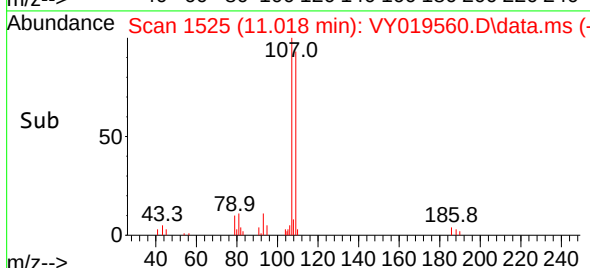
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

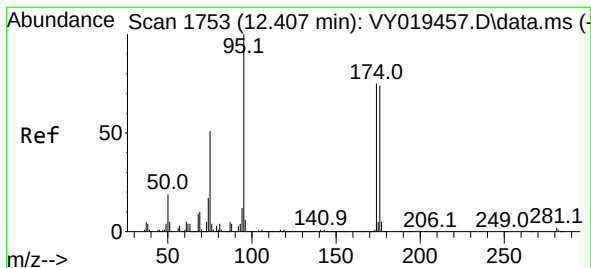


#61
1,2-Dibromoethane
Concen: 2.499 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



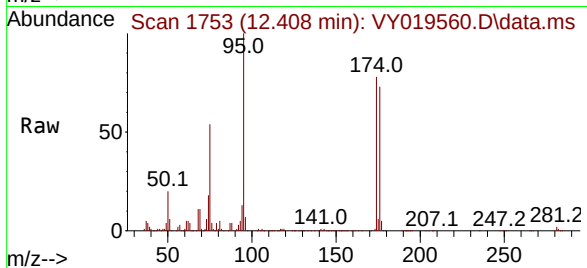
Tgt Ion:107 Resp: 7430
Ion Ratio Lower Upper
107 100
109 93.9 75.9 113.9





#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

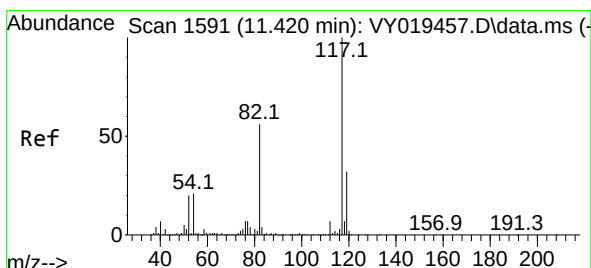
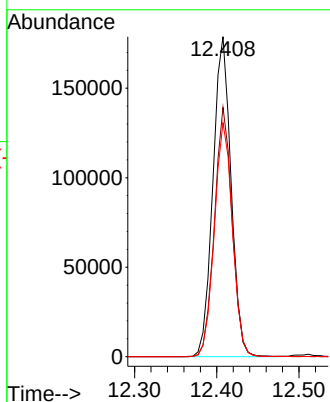
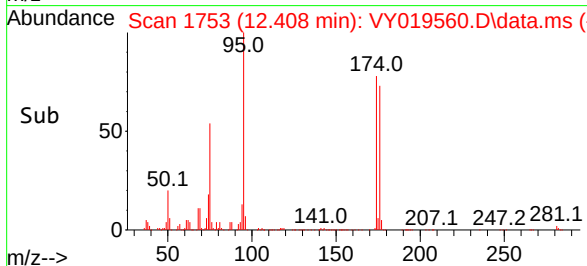
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



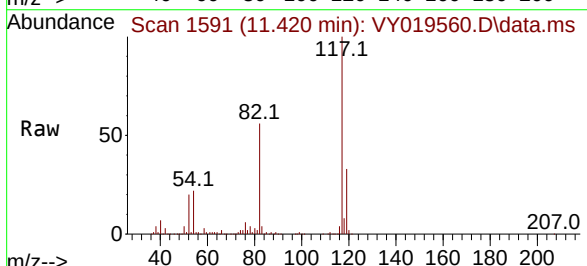
Tgt Ion: 95 Resp: 273300
Ion Ratio Lower Upper
95 100
174 76.3 0.0 175.6
176 72.9 0.0 171.4

Manual Integrations
APPROVED

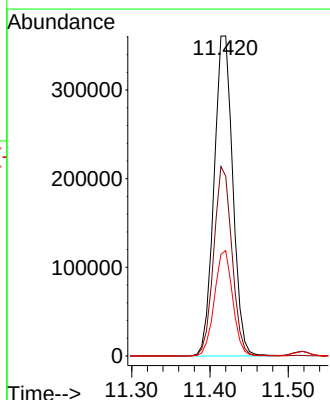
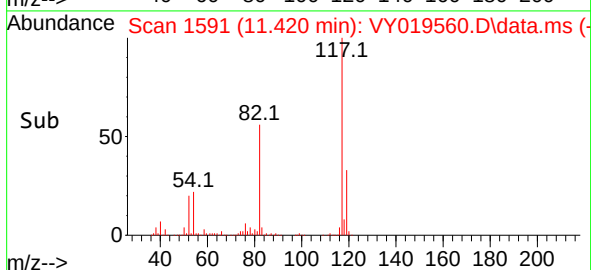
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

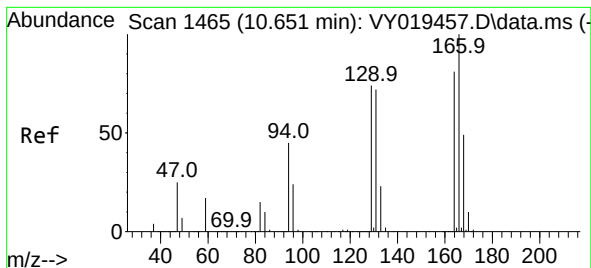


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



Tgt Ion:117 Resp: 601920
Ion Ratio Lower Upper
117 100
82 56.2 42.4 63.6
119 32.9 25.9 38.9





#64

Tetrachloroethene

Concen: 2.260 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019560.D

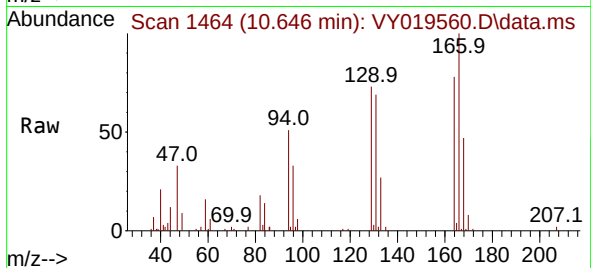
Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:164 Resp: 8424

Ion Ratio Lower Upper

164 100

166 128.0 102.6 154.0

129 93.2 72.0 108.0

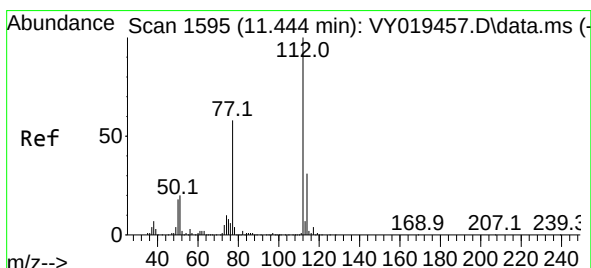
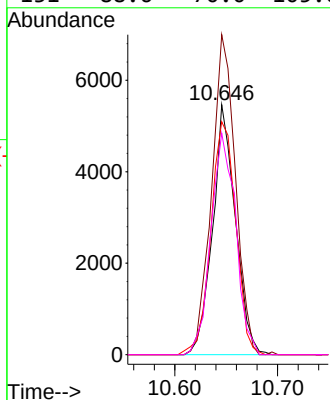
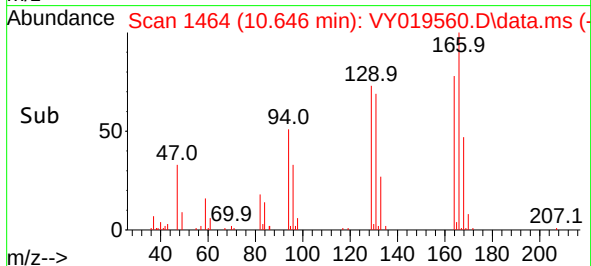
131 88.6 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#65

Chlorobenzene

Concen: 2.557 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019560.D

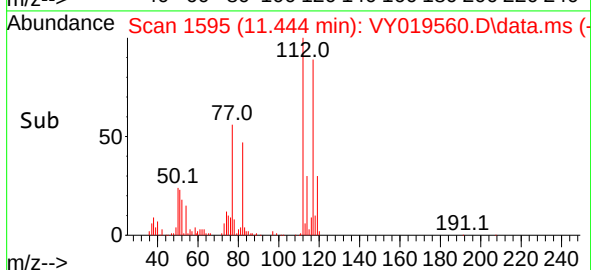
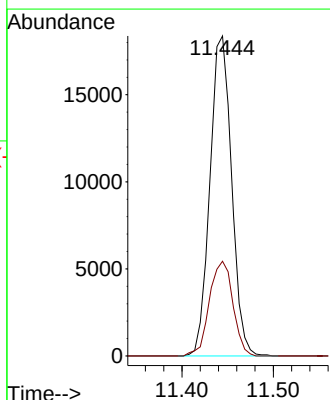
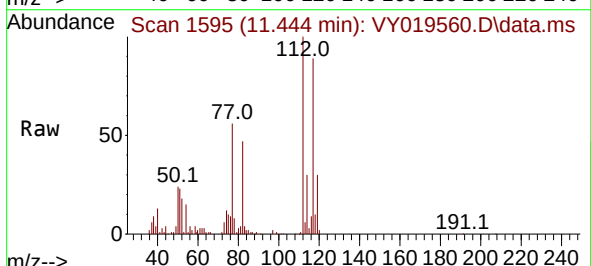
Acq: 16 Sep 2024 12:01

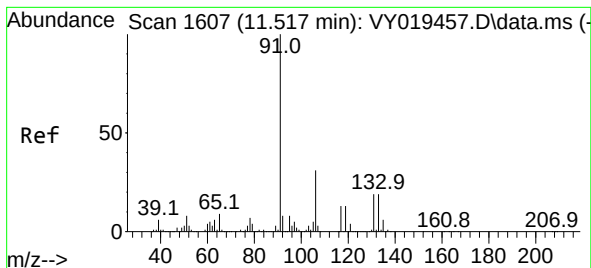
Tgt Ion:112 Resp: 30276

Ion Ratio Lower Upper

112 100

114 29.6 26.4 39.6





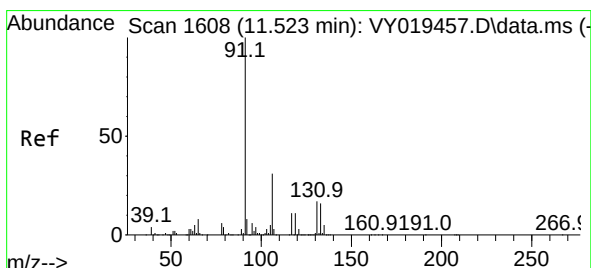
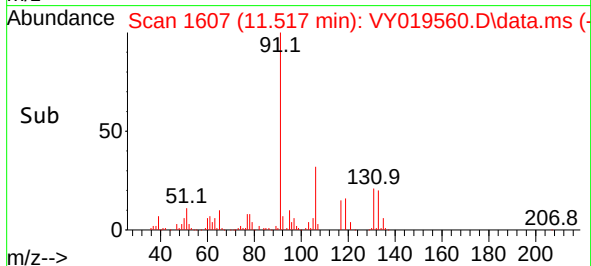
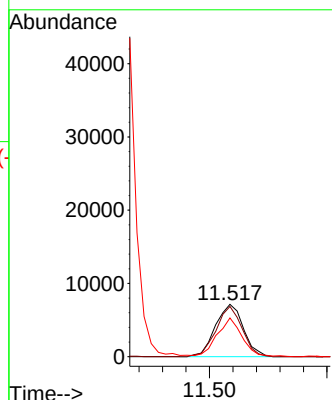
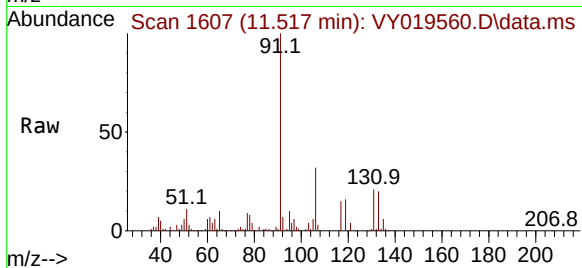
#66
1,1,1,2-Tetrachloroethane
Concen: 2.879 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion:131 Resp: 1180
Ion Ratio Lower Upper
131 100
133 89.7 47.8 143.3
119 66.1 34.1 102.2

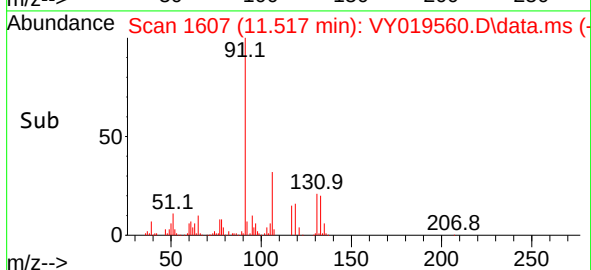
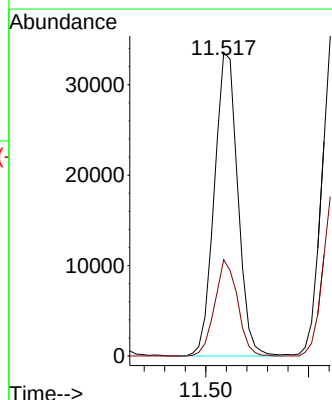
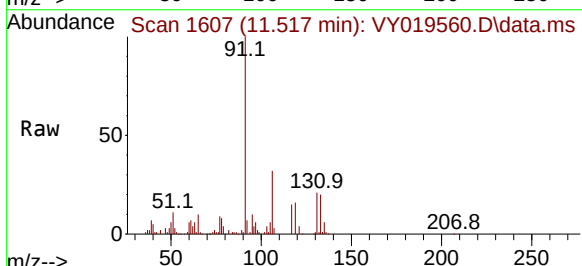
Manual Integrations
APPROVED

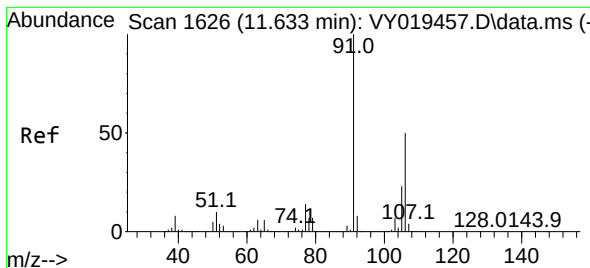
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#67
Ethyl Benzene
Concen: 2.524 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

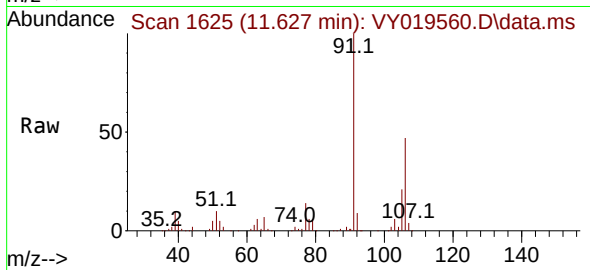
Tgt Ion: 91 Resp: 53098
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7





#68
m/p-Xylenes
Concen: 4.936 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

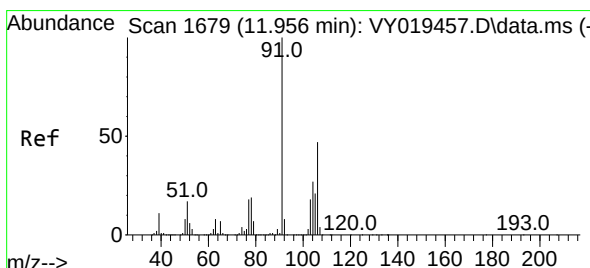
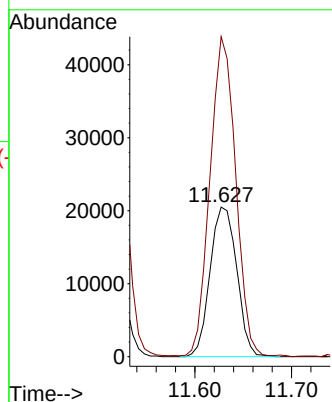
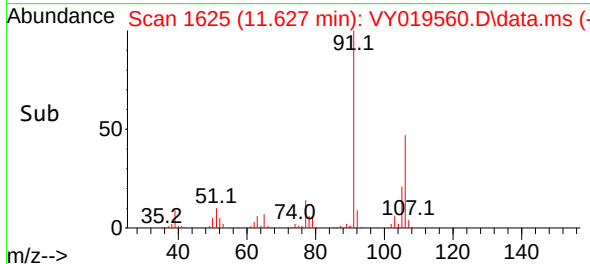
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:106 Resp: 3926
Ion Ratio Lower Upper
106 100
91 207.2 156.0 234.0

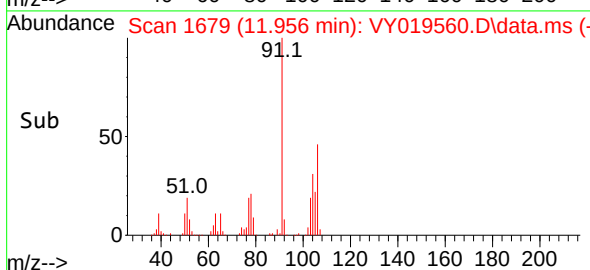
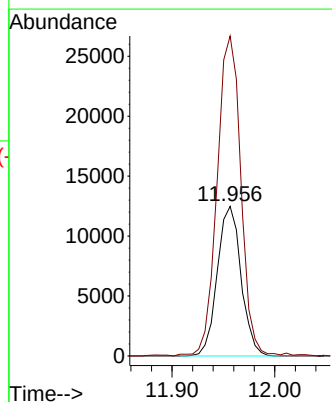
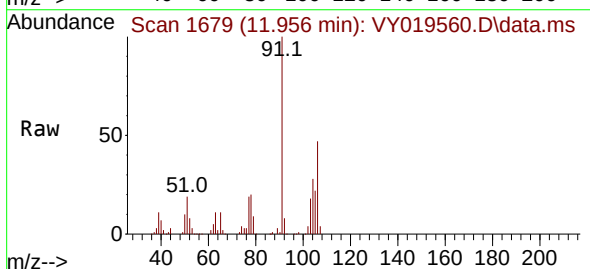
Manual Integrations
APPROVED

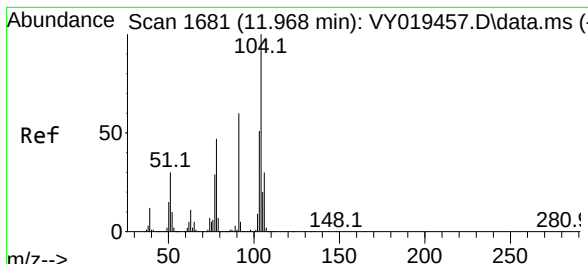
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#69
o-Xylene
Concen: 2.570 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

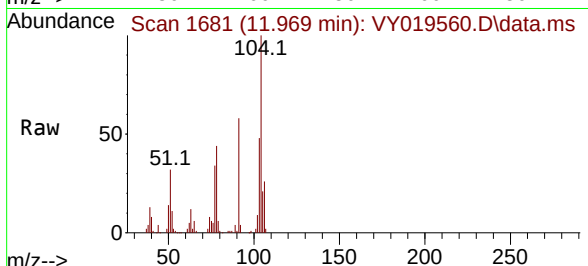
Tgt Ion:106 Resp: 19994
Ion Ratio Lower Upper
106 100
91 214.1 103.6 310.8





#70
Styrene
Concen: 2.511 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

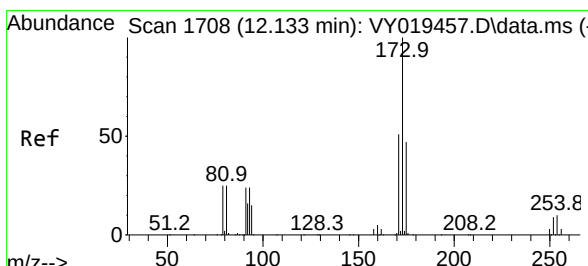
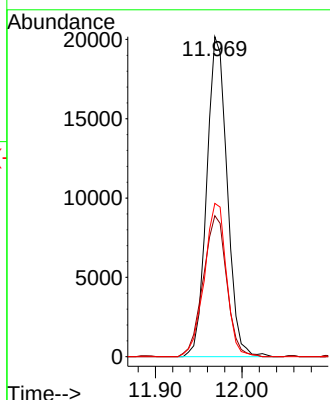
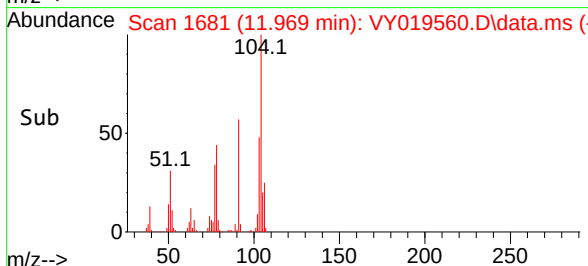
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



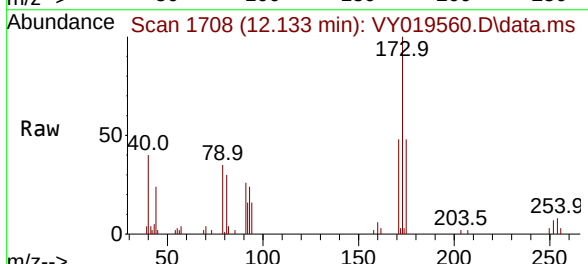
Tgt Ion:104 Resp: 3298
Ion Ratio Lower Upper
104 100
78 50.9 37.0 55.4
103 52.0 44.2 66.2

Manual Integrations
APPROVED

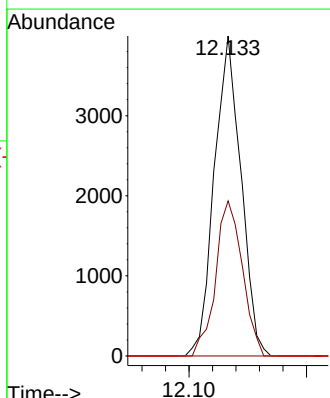
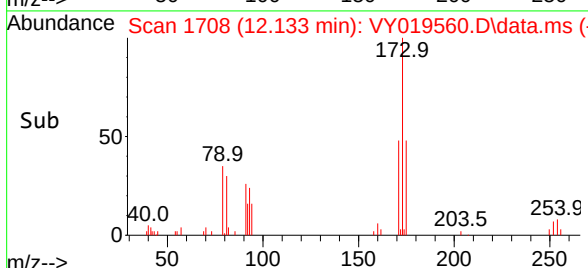
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

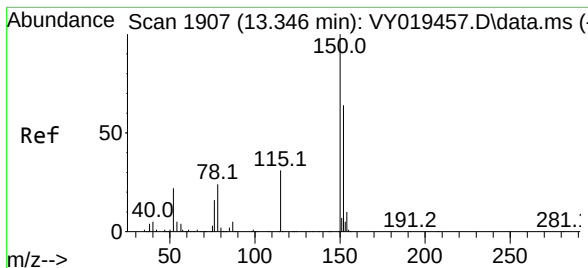


#71
Bromoform
Concen: 2.685 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



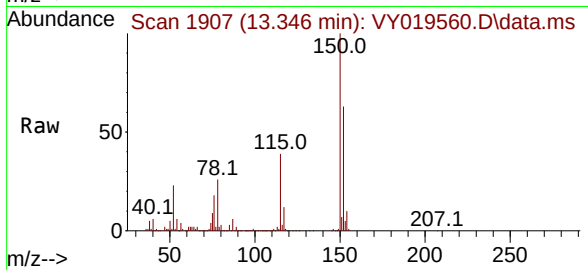
Tgt Ion:173 Resp: 6287
Ion Ratio Lower Upper
173 100
175 48.7 25.1 75.3
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

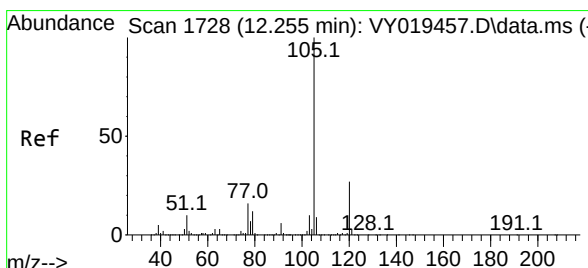
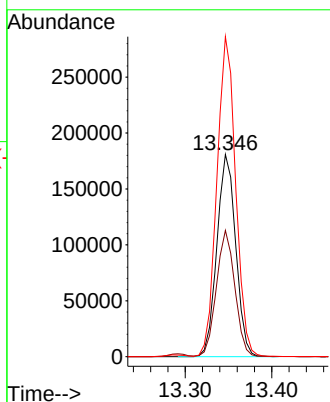
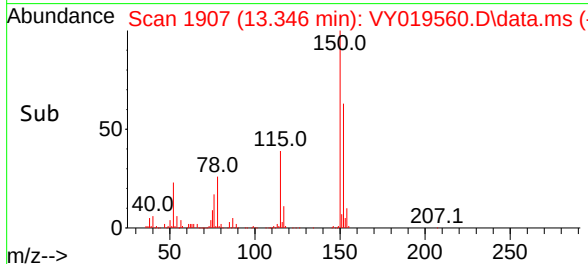
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



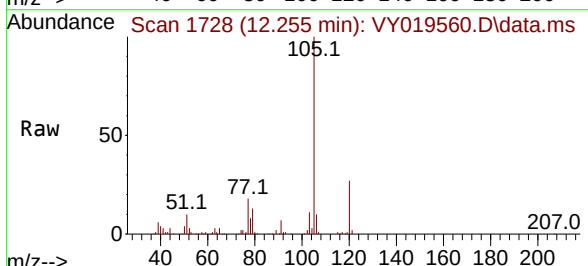
Tgt Ion:152 Resp: 272852
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 158.2 0.0 345.6

Manual Integrations
APPROVED

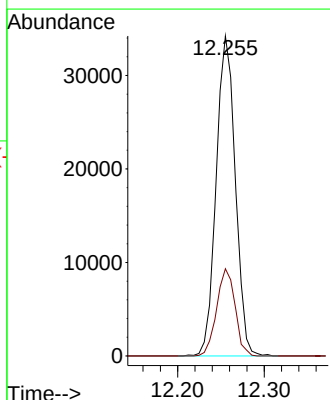
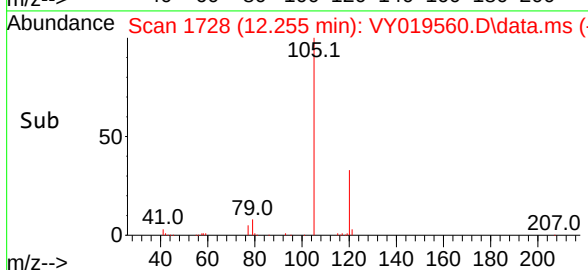
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

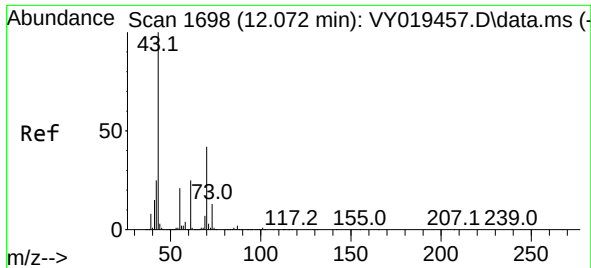


#73
Isopropylbenzene
Concen: 2.655 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



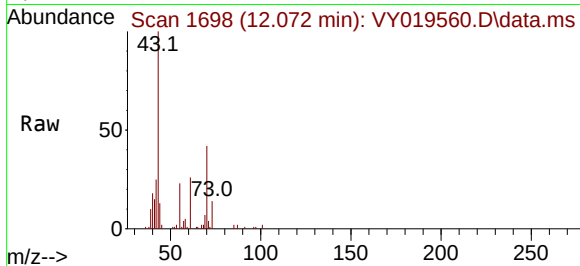
Tgt Ion:105 Resp: 52557
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1





#74
N-amy1 acetate
Concen: 2.532 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

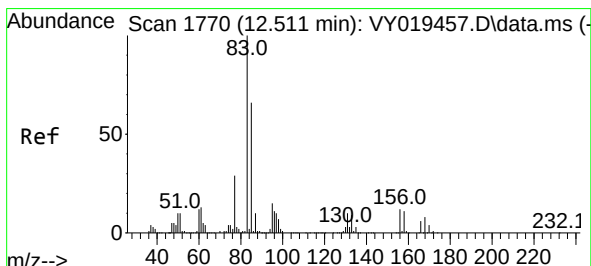
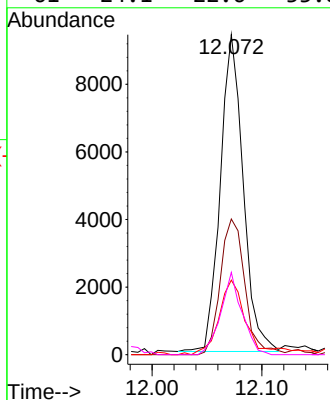
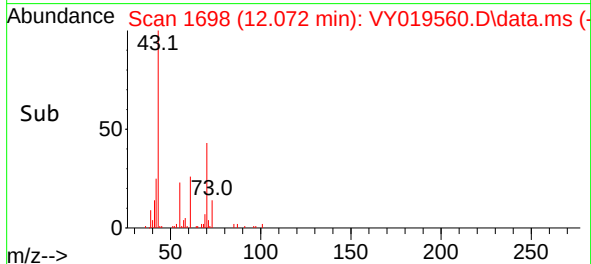
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:	43	Resp:	1363
Ion	Ratio	Lower	Upper
43	100		
70	45.8	41.4	62.2
55	28.9	23.3	34.9
61	24.1	22.6	33.8

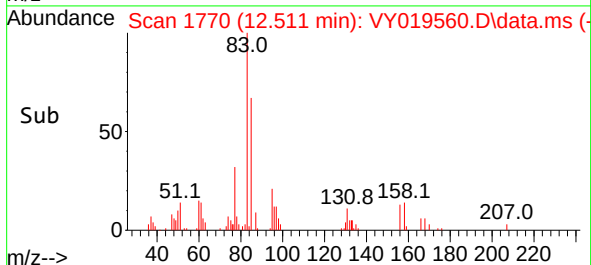
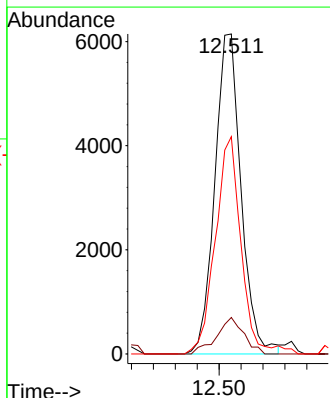
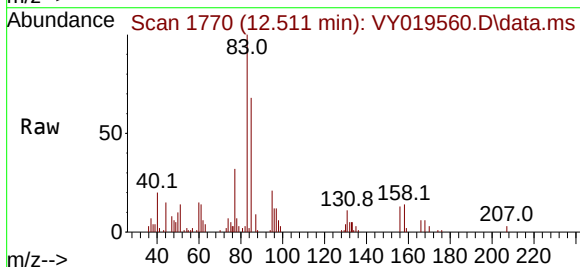
Manual Integrations
APPROVED

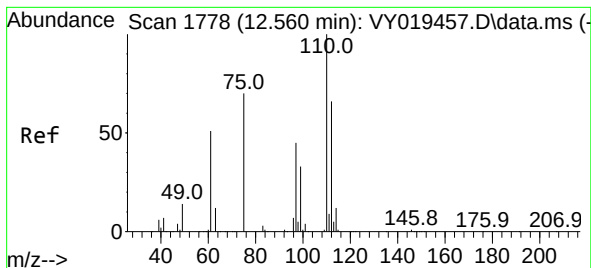
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#75
1,1,2,2-Tetrachloroethane
Concen: 2.913 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Tgt Ion:	83	Resp:	10233
Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.0	14.9
85	66.6	32.0	96.0





#76

1,2,3-Trichloropropane

Concen: 3.182 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 75 Resp: 8138

Ion Ratio Lower Upper

75 100

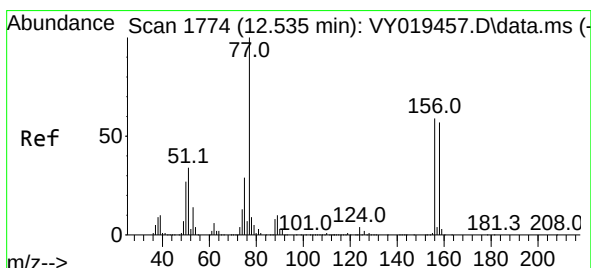
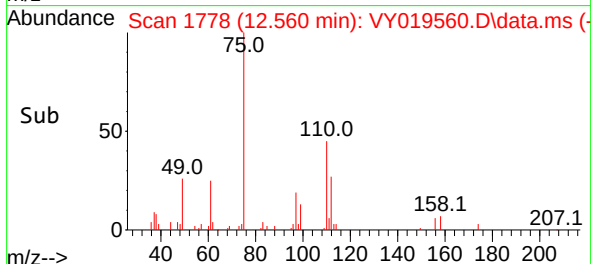
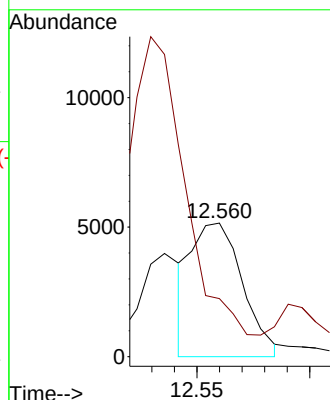
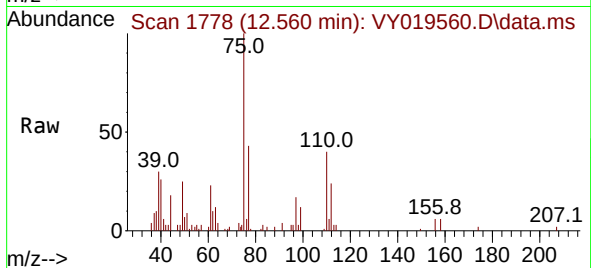
77 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#77

Bromobenzene

Concen: 2.629 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

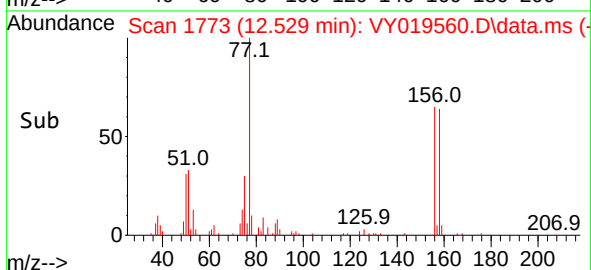
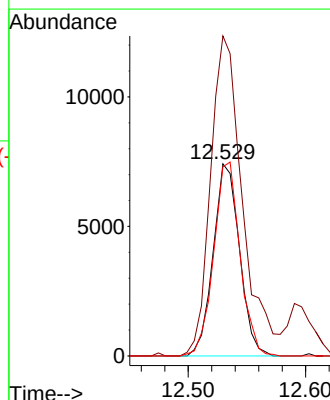
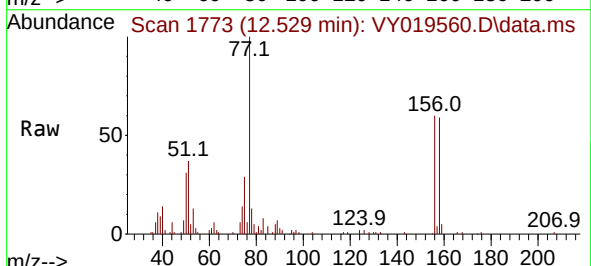
Tgt Ion:156 Resp: 11540

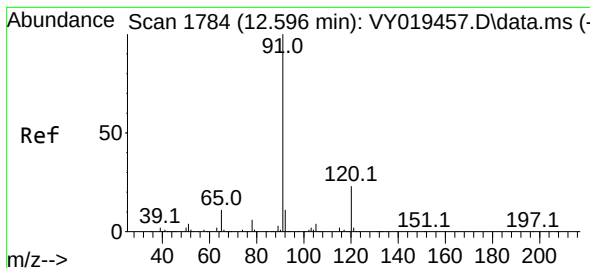
Ion Ratio Lower Upper

156 100

77 202.2 87.1 261.3

158 100.8 48.6 145.9





#78

n-propylbenzene

Concen: 2.691 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 91 Resp: 6314

Ion Ratio Lower Upper

91 100

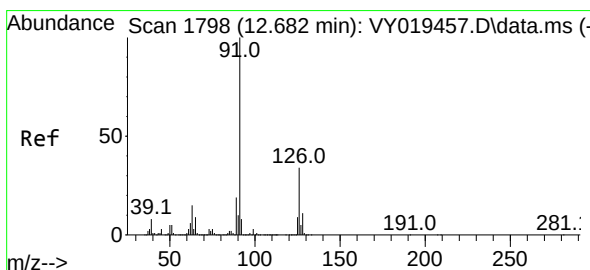
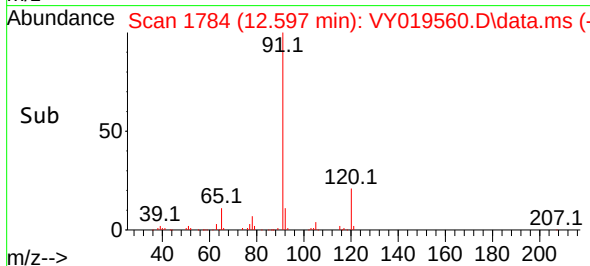
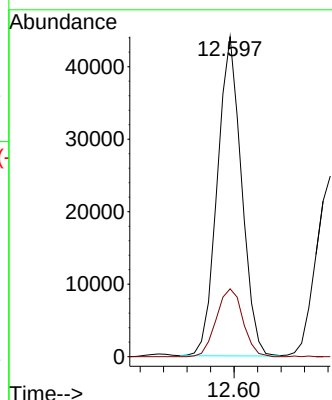
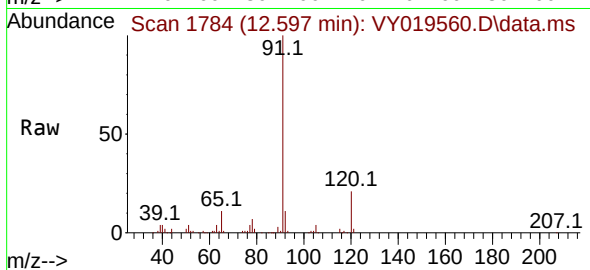
120 23.2 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#79

2-Chlorotoluene

Concen: 2.801 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019560.D

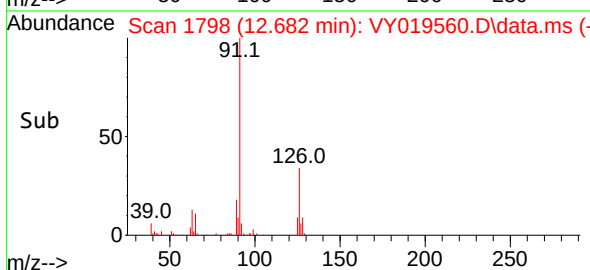
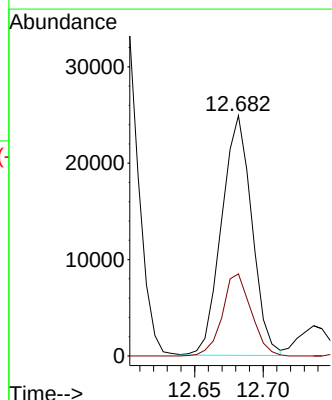
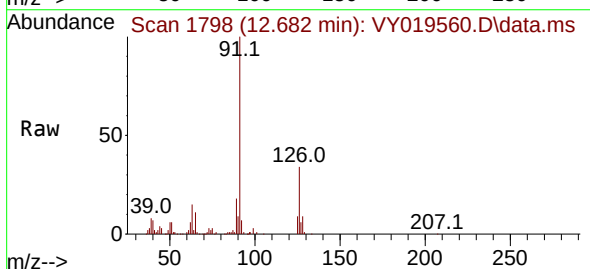
Acq: 16 Sep 2024 12:01

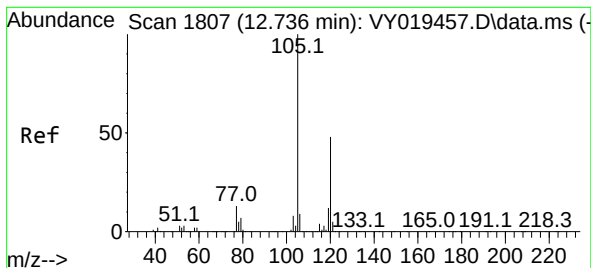
Tgt Ion: 91 Resp: 38295

Ion Ratio Lower Upper

91 100

126 32.7 17.8 53.5





#80

1,3,5-Trimethylbenzene

Concen: 2.701 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 4346

Ion Ratio Lower Upper

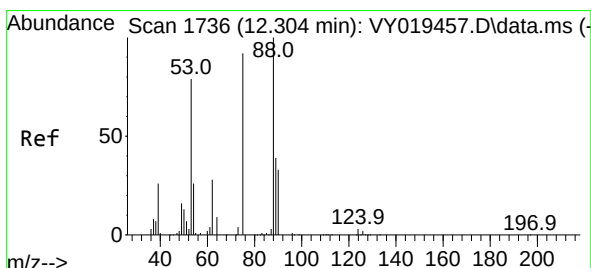
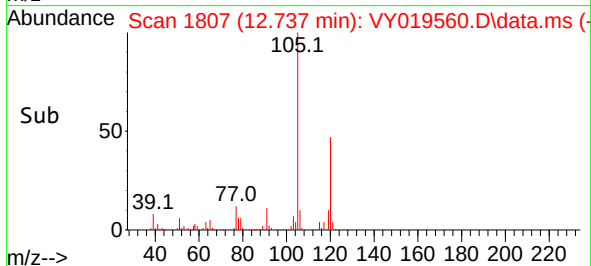
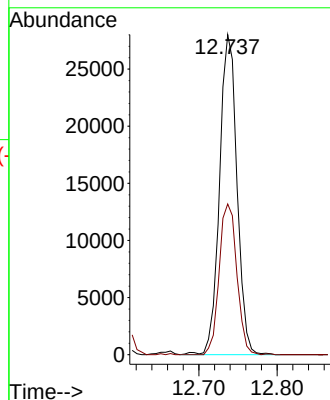
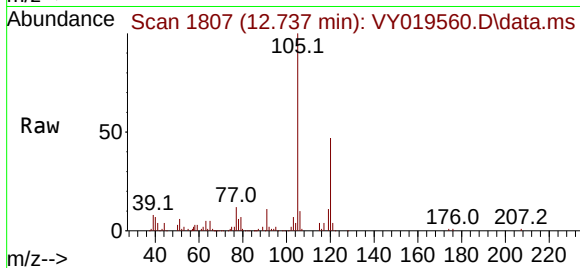
105 100

120 47.6 25.1 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 2.506 ug/l m

RT: 12.304 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

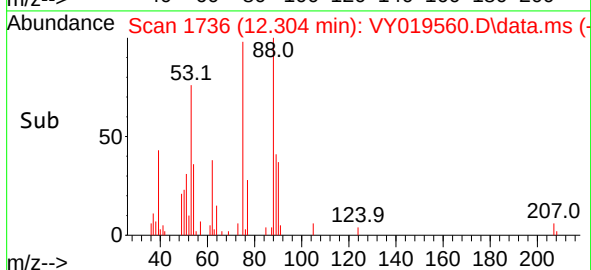
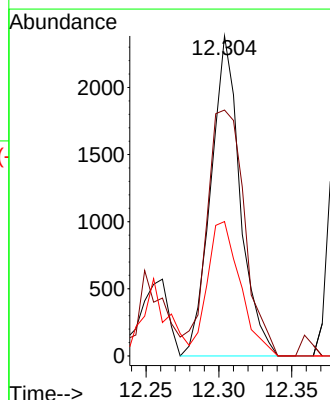
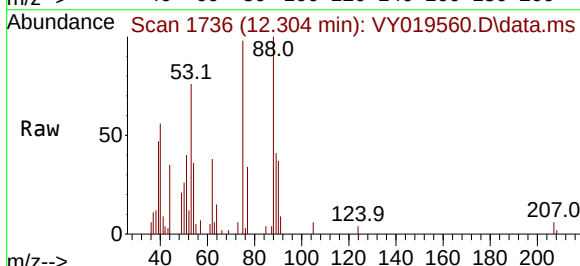
Tgt Ion: 75 Resp: 3338

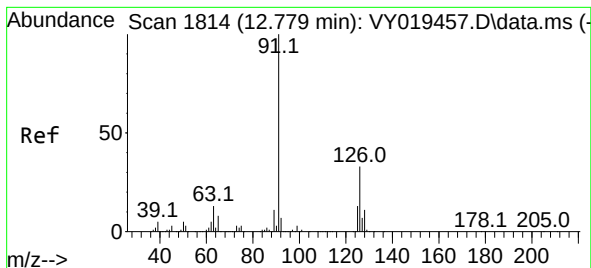
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

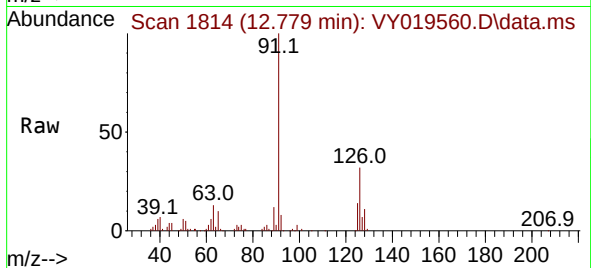
89 2.2 35.8 53.6#





#82
4-Chlorotoluene
Concen: 2.837 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

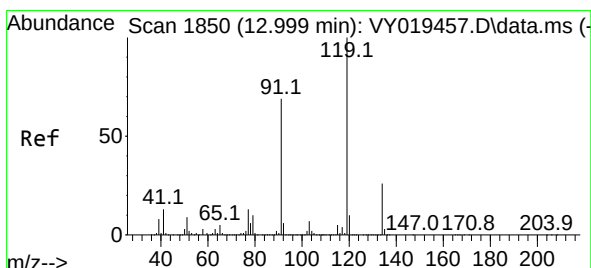
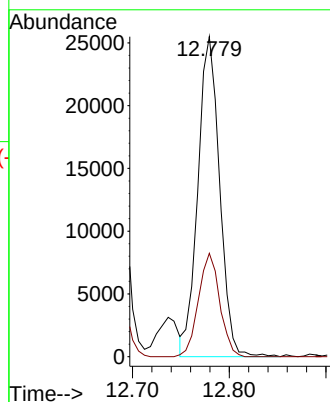
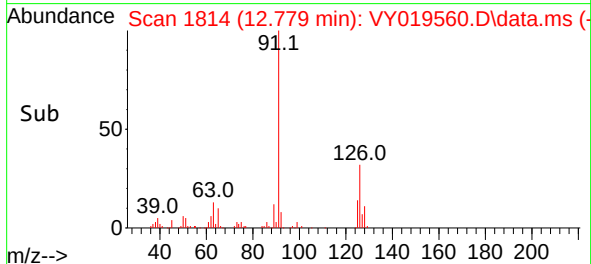
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



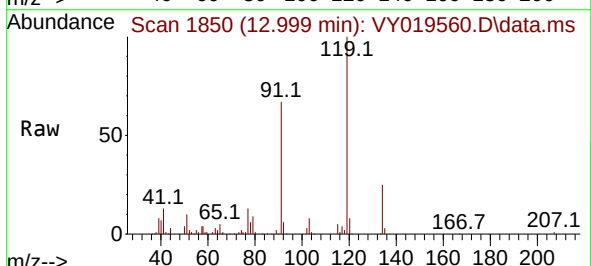
Tgt Ion: 91 Resp: 3987
Ion Ratio Lower Upper
91 100
126 31.6 17.6 52.9

Manual Integrations
APPROVED

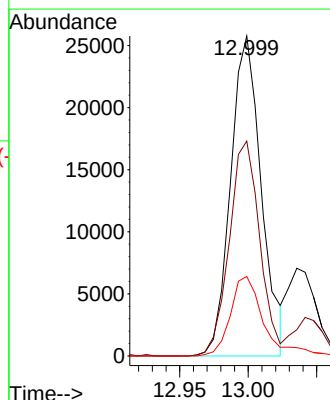
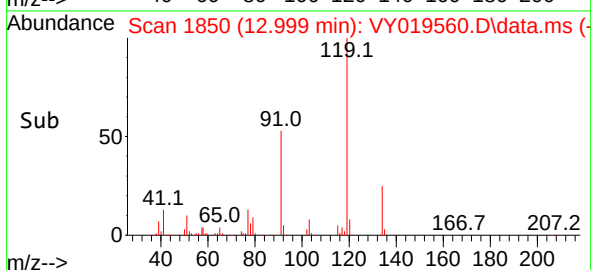
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

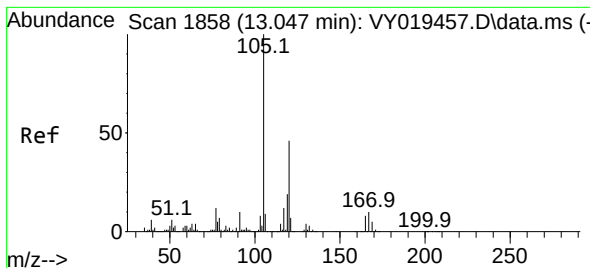


#83
tert-Butylbenzene
Concen: 2.759 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



Tgt Ion:119 Resp: 40191
Ion Ratio Lower Upper
119 100
91 66.6 31.3 93.8
134 26.8 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 2.663 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 4241

Ion Ratio Lower Upper

105 100

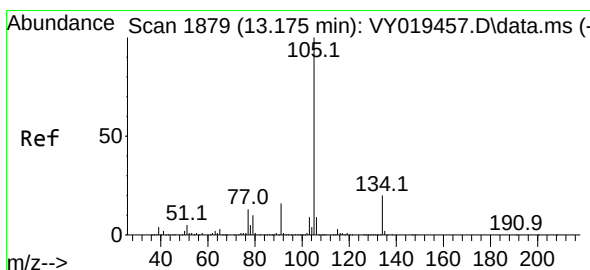
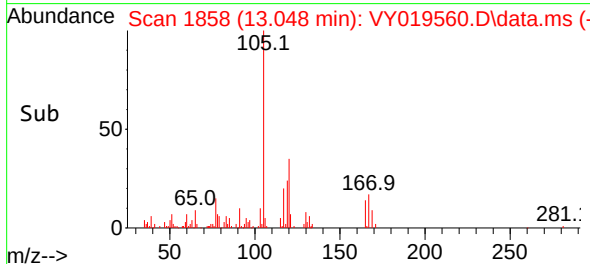
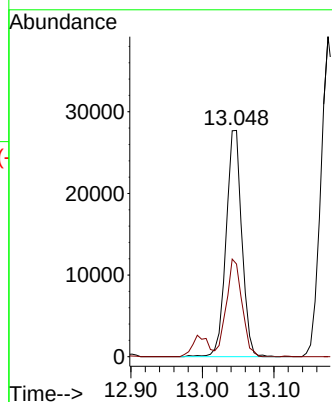
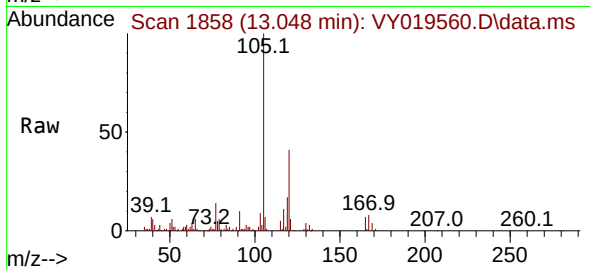
120 42.9 23.2 69.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024

Supervised By :Semsettin Yesilyurt 09/17/2024



#85

sec-Butylbenzene

Concen: 2.735 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019560.D

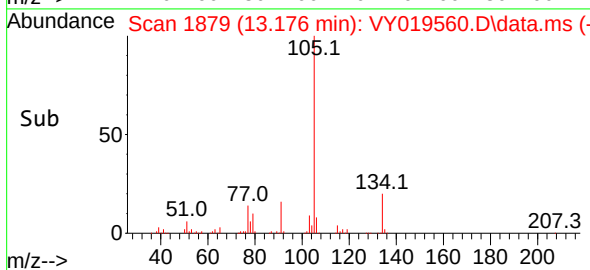
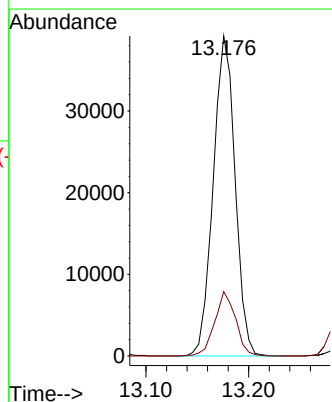
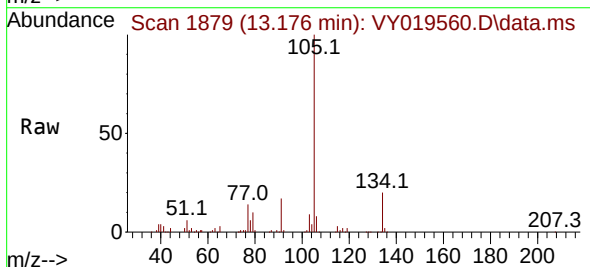
Acq: 16 Sep 2024 12:01

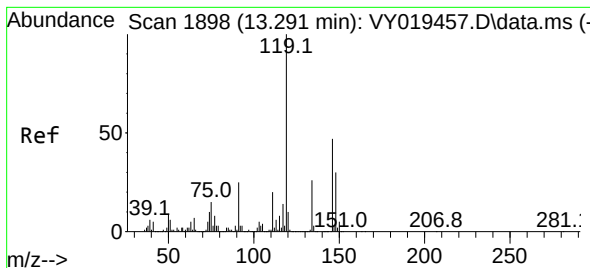
Tgt Ion:105 Resp: 57874

Ion Ratio Lower Upper

105 100

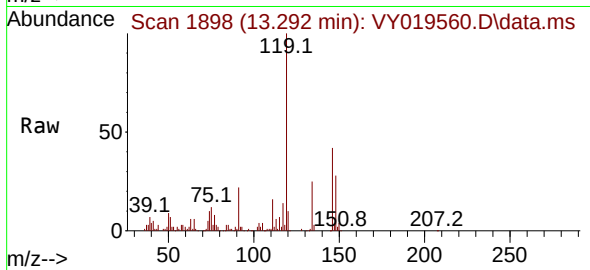
134 19.3 10.1 30.1





#86
p-Isopropyltoluene
Concen: 2.773 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

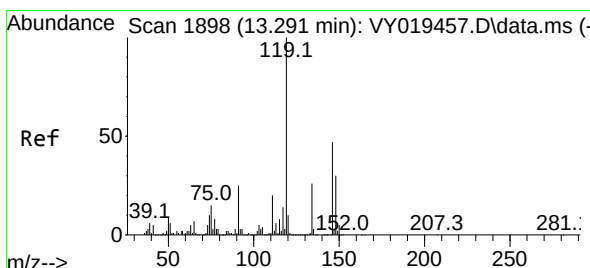
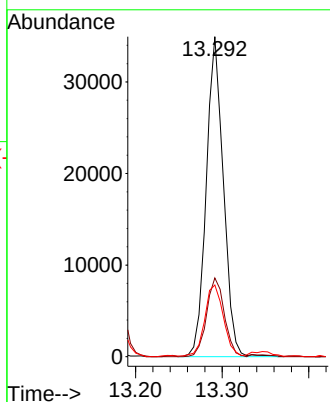
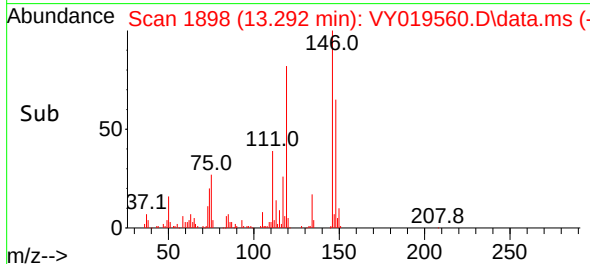
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



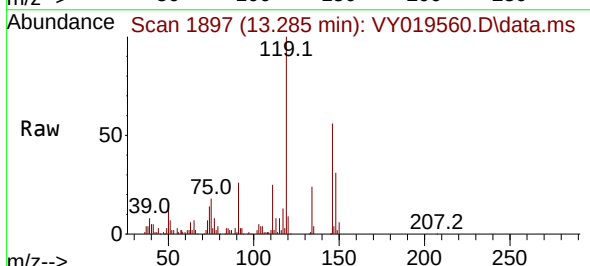
Tgt Ion:119 Resp: 48018
Ion Ratio Lower Upper
119 100
134 25.5 13.1 39.3
91 24.0 10.7 32.1

Manual Integrations
APPROVED

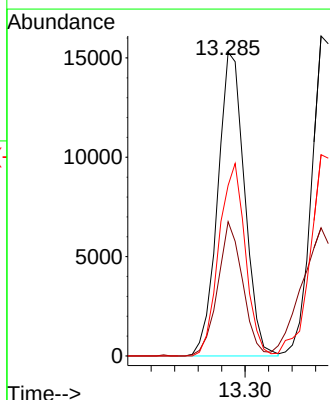
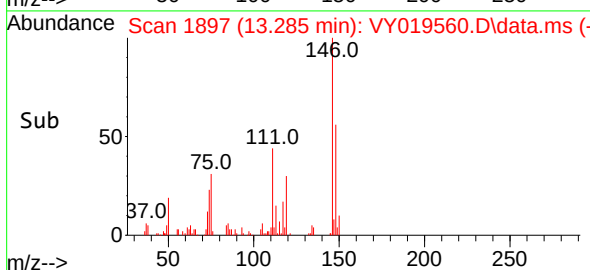
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

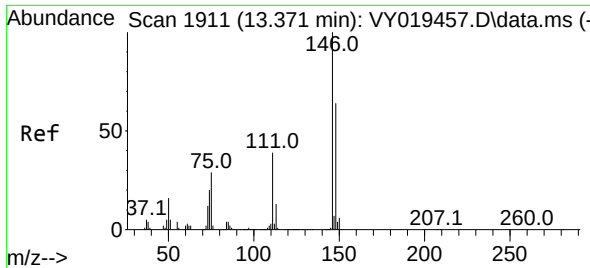


#87
1,3-Dichlorobenzene
Concen: 2.849 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



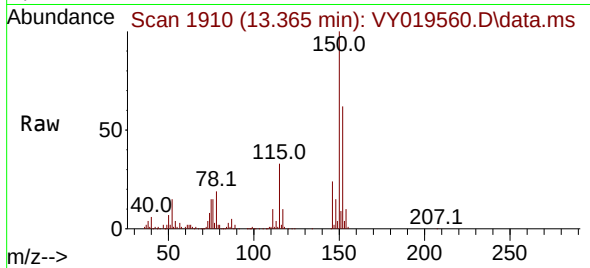
Tgt Ion:146 Resp: 24301
Ion Ratio Lower Upper
146 100
111 41.1 19.0 57.0
148 62.1 31.7 95.1





#88
1,4-Dichlorobenzene
Concen: 2.907 ug/l
RT: 13.365 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

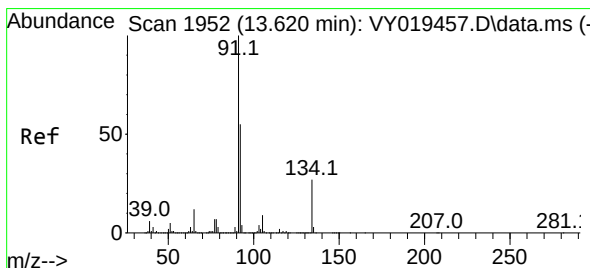
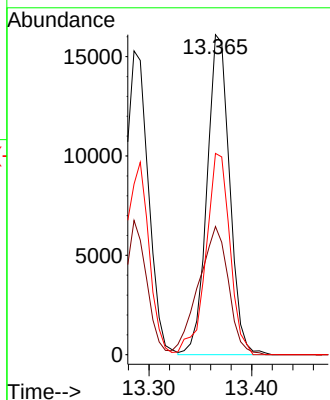
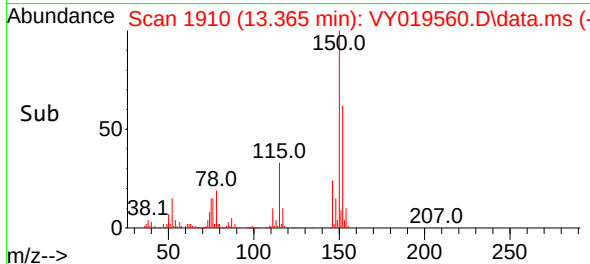
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



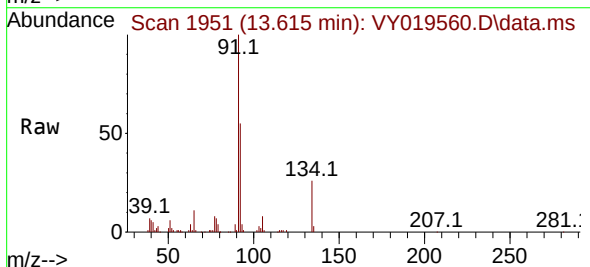
Tgt Ion: 146 Resp: 24609
Ion Ratio Lower Upper
146 100
111 53.0 18.4 55.4
148 66.8 32.4 97.2

Manual Integrations
APPROVED

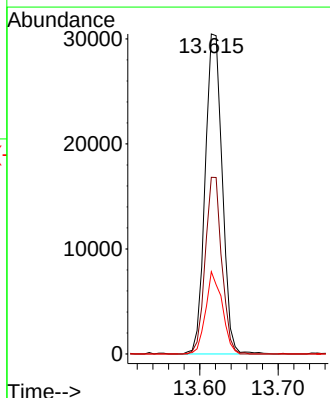
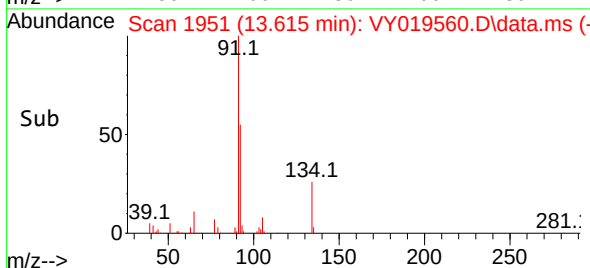
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024

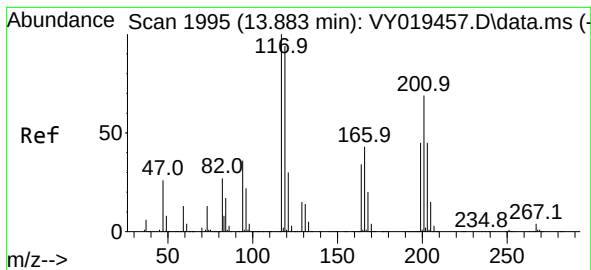


#89
n-Butylbenzene
Concen: 2.782 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01



Tgt Ion: 91 Resp: 46054
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 24.9 12.9 38.7





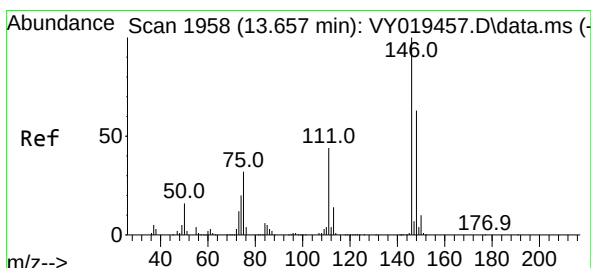
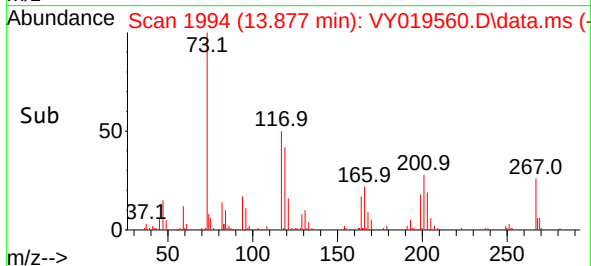
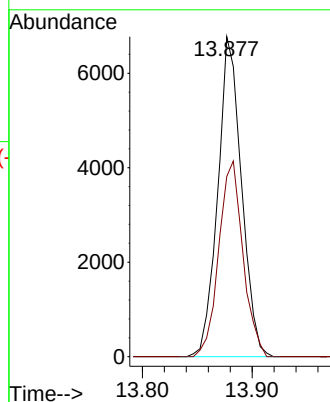
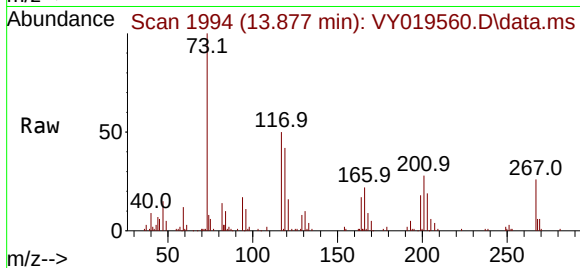
#90
Hexachloroethane
Concen: 2.827 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion:117 Resp: 1018
Ion Ratio Lower Upper
117 100
201 62.2 37.4 112.2

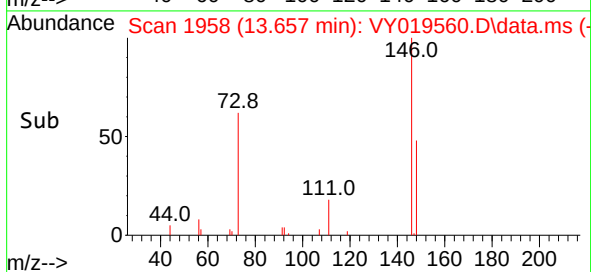
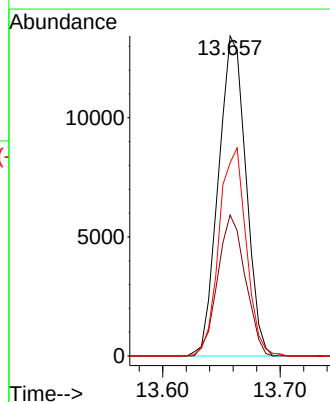
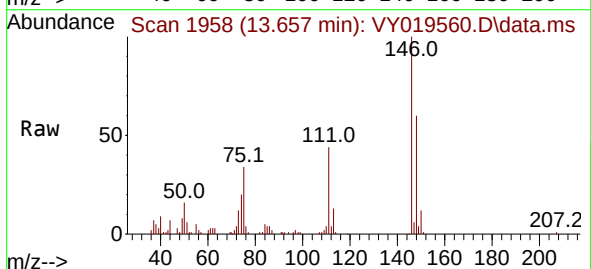
Manual Integrations
APPROVED

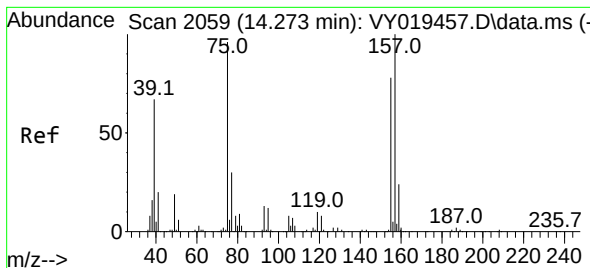
Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#91
1,2-Dichlorobenzene
Concen: 2.873 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019560.D
Acq: 16 Sep 2024 12:01

Tgt Ion:146 Resp: 21868
Ion Ratio Lower Upper
146 100
111 44.3 19.9 59.7
148 64.2 31.8 95.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.207 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

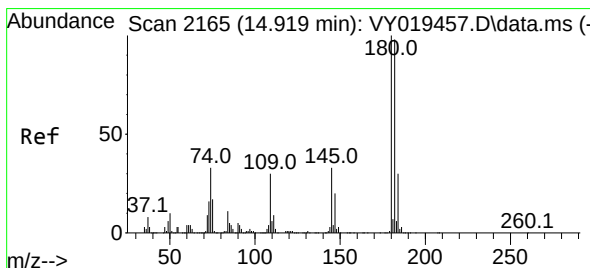
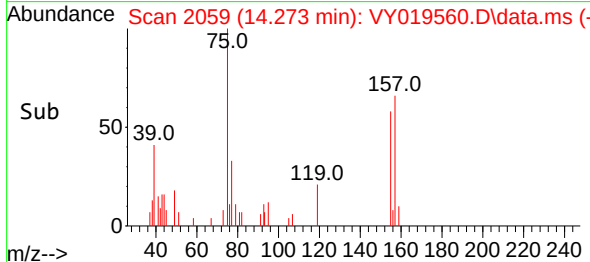
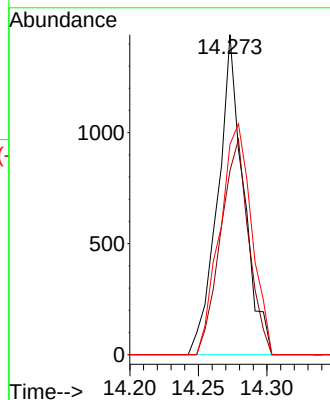
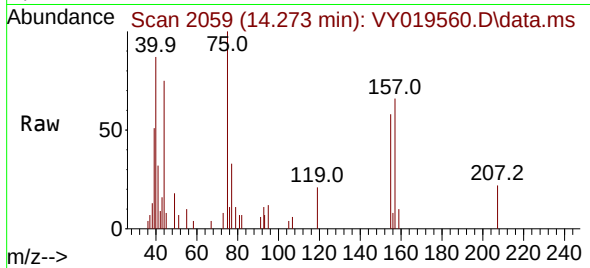
MDL-SOIL-03-QT3-2024

Tgt Ion: 75	Resp: 1878
Ion Ratio	Lower Upper
75	100
155	73.9 48.6 145.8
157	89.1 62.7 188.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#93

1,2,4-Trichlorobenzene

Concen: 2.617 ug/l

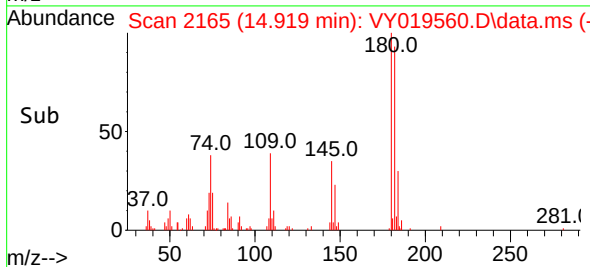
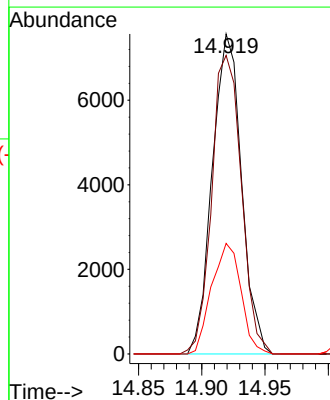
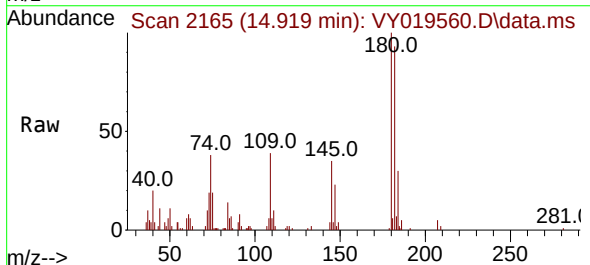
RT: 14.919 min Scan# 2165

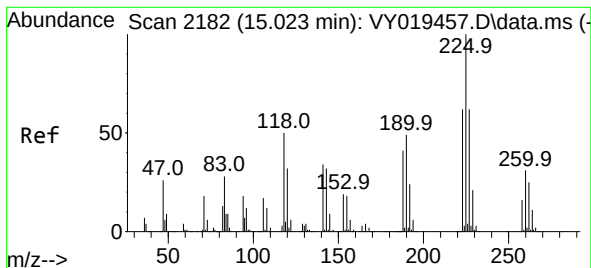
Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Tgt Ion:180	Resp: 12115
Ion Ratio	Lower Upper
180	100
182	94.7 47.9 143.8
145	34.8 14.2 42.6





#94

Hexachlorobutadiene

Concen: 2.672 ug/l

RT: 15.017 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

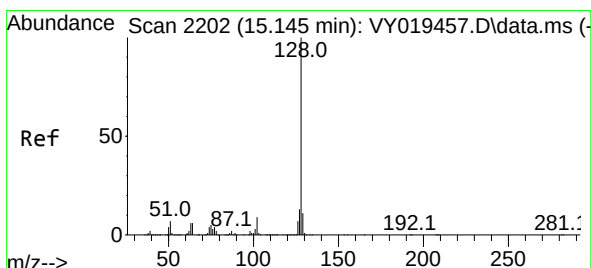
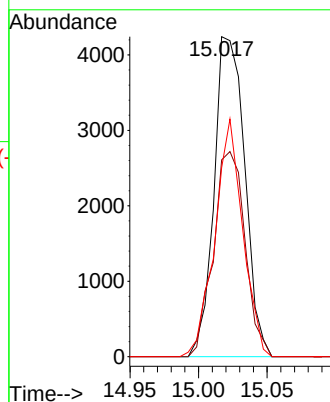
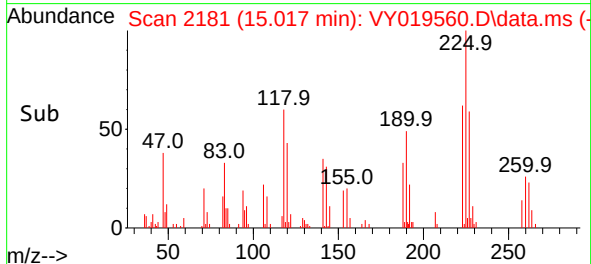
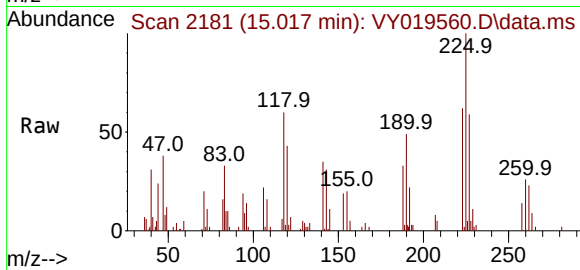
MDL-SOIL-03-QT3-2024

Tgt Ion:	225	Resp:	6608
Ion Ratio	Lower	Upper	
225	100		
223	66.3	30.4	91.2
227	67.5	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
Supervised By :Semsettin Yesilyurt 09/17/2024



#95

Naphthalene

Concen: 2.618 ug/l

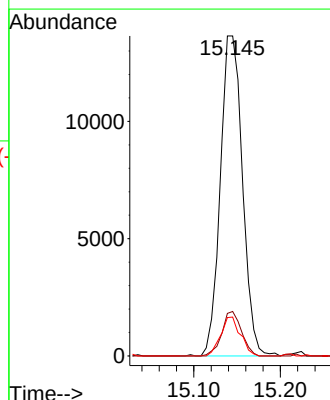
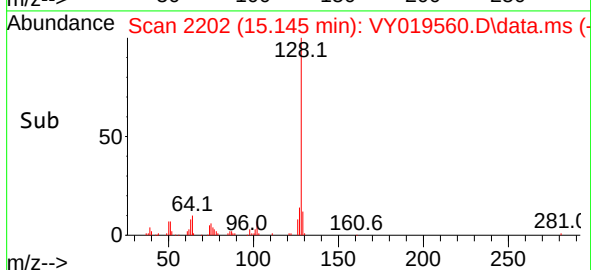
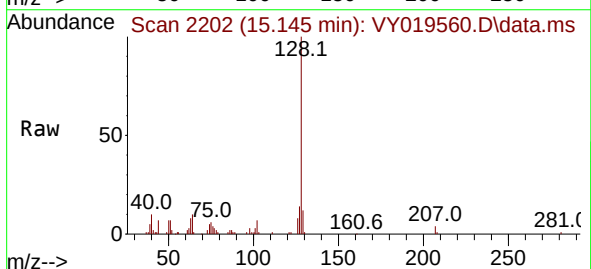
RT: 15.145 min Scan# 2202

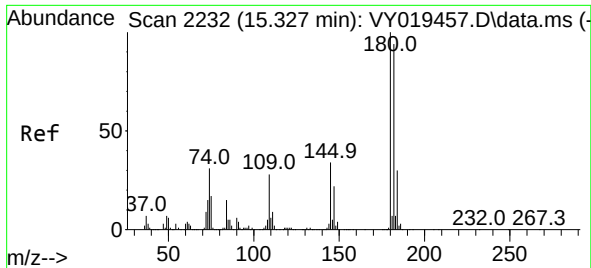
Delta R.T. 0.000 min

Lab File: VY019560.D

Acq: 16 Sep 2024 12:01

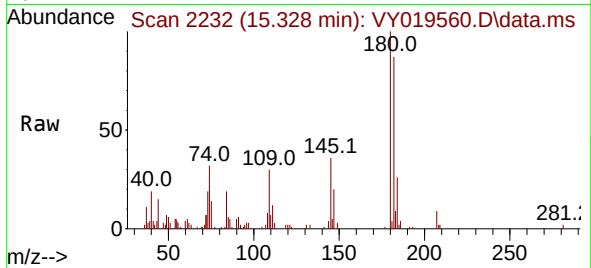
Tgt Ion:	128	Resp:	24271
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.6	16.0
129	10.8	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.694 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019560.D
 Acq: 16 Sep 2024 12:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion:	180	Resp:	10670
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.6	142.9
145	36.4	15.4	46.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

