

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018241.D
 Acq On : 13 May 2024 15:02
 Operator : SY/MD
 Sample : P2403-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: May 14 03:01:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 03:01:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	208026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	81899	53.515	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	107.040%	
35) Dibromofluoromethane	7.716	113	98644	53.096	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	106.200%	
50) Toluene-d8	10.179	98	405654	55.409	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	110.820%	
62) 4-Bromofluorobenzene	12.477	95	116451	49.254	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	98.500%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	4493	2.723	ug/l	78
3) Chloromethane	2.107	50	6904	3.126	ug/l	95
4) Vinyl Chloride	2.241	62	8048	3.006	ug/l	91
5) Bromomethane	2.650	94	5914	3.181	ug/l	94
6) Chloroethane	2.784	64	5187	3.053	ug/l	98
7) Trichlorofluoromethane	3.113	101	8486	2.706	ug/l #	84
8) Diethyl Ether	3.528	74	2456	2.379	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	5126	2.565	ug/l	99
10) Methyl Iodide	4.088	142	5405	2.316	ug/l #	89
11) Tert butyl alcohol	4.930	59	3849m	25.162	ug/l	
12) 1,1-Dichloroethene	3.863	96	5112	2.541	ug/l #	83
13) Acrolein	3.717	56	3129	18.968	ug/l	94
14) Allyl chloride	4.473	41	6298	2.461	ug/l	89
15) Acrylonitrile	5.161	53	4168m	10.500	ug/l	
16) Acetone	3.942	43	4405	14.424	ug/l #	79
17) Carbon Disulfide	4.186	76	15943	2.911	ug/l	98
18) Methyl Acetate	4.479	43	2464m	2.832	ug/l	
19) Methyl tert-butyl Ether	5.204	73	9349	2.086	ug/l	96
20) Methylene Chloride	4.704	84	23588	10.927	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	5963	2.796	ug/l #	79
22) Diisopropyl ether	6.106	45	12980	2.391	ug/l #	96
23) Vinyl Acetate	6.052	43	34723	10.523	ug/l	95
24) 1,1-Dichloroethane	6.003	63	8388	2.508	ug/l	97
25) 2-Butanone	6.984	43	5646	11.565	ug/l	99
26) 2,2-Dichloropropane	6.978	77	7713	2.549	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	6486	2.574	ug/l	96
28) Bromochloromethane	7.326	49	4042	3.024	ug/l	98
29) Tetrahydrofuran	7.344	42	3723	11.553	ug/l #	85
30) Chloroform	7.503	83	8978	2.572	ug/l	86
31) Cyclohexane	7.783	56	11731	3.695	ug/l #	58
32) 1,1,1-Trichloroethane	7.691	97	7219	2.307	ug/l	95
36) 1,1-Dichloropropene	7.911	75	6593	2.475	ug/l	93
37) Ethyl Acetate	7.064	43	3039m	2.711	ug/l	
38) Carbon Tetrachloride	7.899	117	6795	2.335	ug/l	97
39) Methylcyclohexane	9.179	83	9527	2.480	ug/l	97
40) Benzene	8.155	78	20380	2.379	ug/l	94

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 Supervised By :Semsettin Yesilyurt 05/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	1486m	2.296	ug/l	
42) 1,2-Dichloroethane	8.240	62	4322	2.319	ug/l	90
43) Isopropyl Acetate	8.271	43	4627	2.014	ug/l #	54
44) Trichloroethene	8.941	130	5424	2.326	ug/l	94
45) 1,2-Dichloropropane	9.210	63	4321	2.307	ug/l #	87
46) Dibromomethane	9.301	93	2428	2.255	ug/l	97
47) Bromodichloromethane	9.496	83	5634	2.117	ug/l	92
48) Methyl methacrylate	9.289	41	2196	2.085	ug/l #	82
49) 1,4-Dioxane	9.283	88	583	40.791	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	11334	9.814	ug/l	95
52) Toluene	10.246	92	13290	2.410	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	5237	2.106	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	6466	2.128	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	3064	2.071	ug/l	93
56) Ethyl methacrylate	10.514	69	3533	1.759	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	4731	1.965	ug/l #	83
58) 2-Chloroethyl Vinyl ether	9.783	63	8938	9.318	ug/l	90
59) 2-Hexanone	10.831	43	7171	8.881	ug/l	95
60) Dibromochloromethane	10.984	129	3790	1.975	ug/l	93
61) 1,2-Dibromoethane	11.087	107	3077	2.209	ug/l	90
64) Tetrachloroethene	10.715	164	4649	2.447	ug/l #	81
65) Chlorobenzene	11.514	112	14183	2.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	4593	2.443	ug/l	95
67) Ethyl Benzene	11.593	91	23620	2.407	ug/l	95
68) m/p-Xylenes	11.703	106	19083	4.918	ug/l	92
69) o-Xylene	12.026	106	8514	2.286	ug/l	96
70) Styrene	12.044	104	13267	2.133	ug/l	95
71) Bromoform	12.209	173	2033	1.954	ug/l #	95
73) Isopropylbenzene	12.331	105	22032	2.437	ug/l	98
74) N-amyl acetate	12.142	43	4088	2.179	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	3373	2.339	ug/l	97
76) 1,2,3-Trichloropropane	12.624	75	2166m	2.244	ug/l	
77) Bromobenzene	12.605	156	4916	2.367	ug/l	94
78) n-propylbenzene	12.672	91	26541	2.524	ug/l	95
79) 2-Chlorotoluene	12.758	91	14298	2.447	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	17678	2.480	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.380	75	1025m	2.046	ug/l	
82) 4-Chlorotoluene	12.855	91	14420	2.457	ug/l	95
83) tert-Butylbenzene	13.075	119	16328	2.483	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	16473	2.359	ug/l	95
85) sec-Butylbenzene	13.251	105	23826	2.471	ug/l	96
86) p-Isopropyltoluene	13.367	119	18779	2.367	ug/l	91
87) 1,3-Dichlorobenzene	13.367	146	9513	2.372	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	9532	2.438	ug/l	88
89) n-Butylbenzene	13.697	91	17491	2.436	ug/l	98
90) Hexachloroethane	13.959	117	3329	2.139	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	7671	2.225	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.361	75	524	2.669	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	4325	2.232	ug/l	96
94) Hexachlorobutadiene	15.111	225	2330	2.179	ug/l	89
95) Naphthalene	15.239	128	7792	2.194	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.422	180	3329	2.093	ug/l	89

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Supervised By :Semsettin Yesilyurt 05/14/2024

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

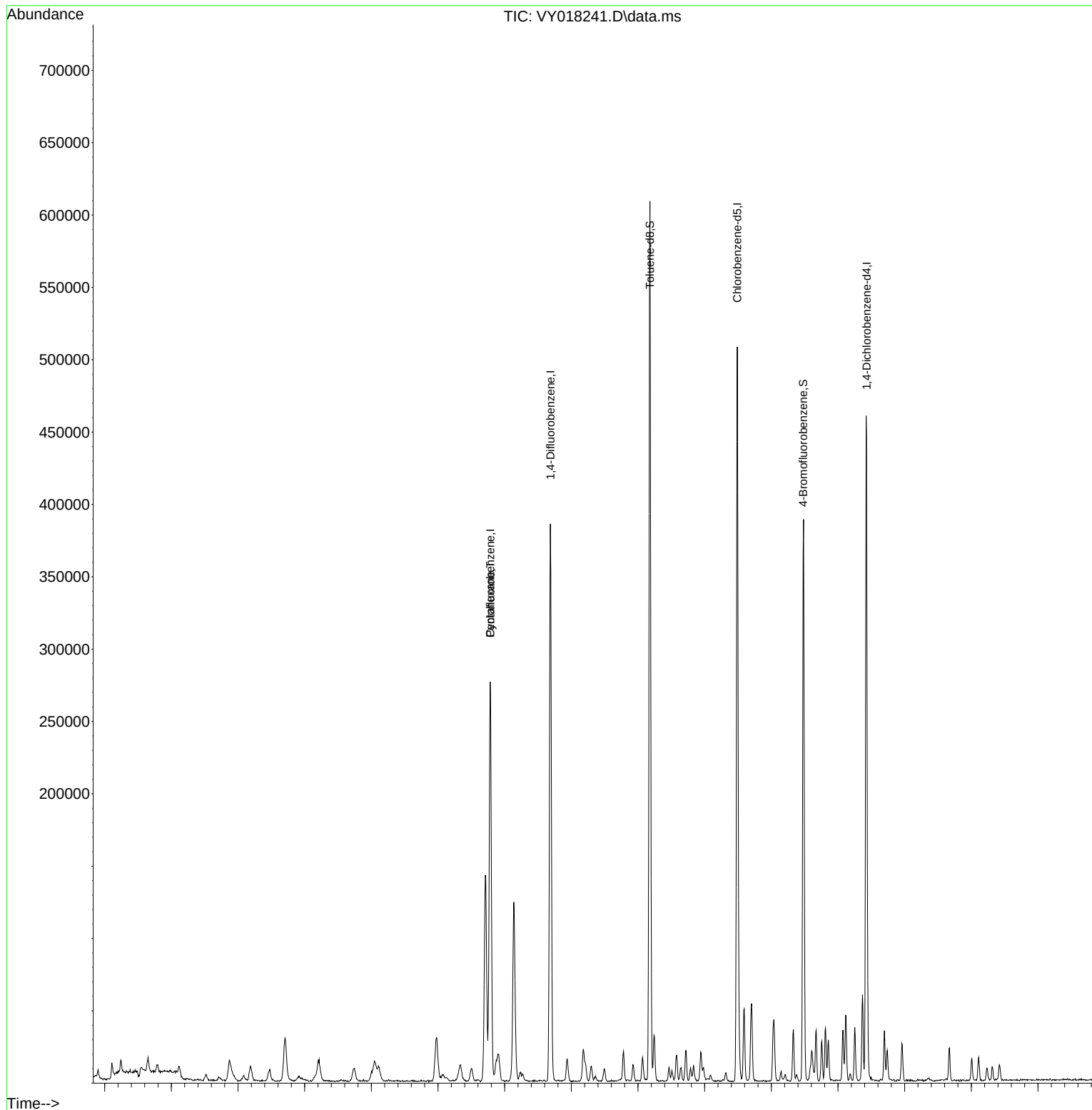
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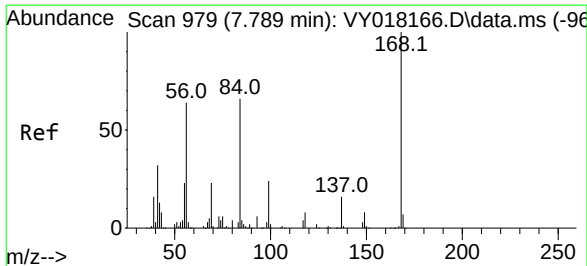
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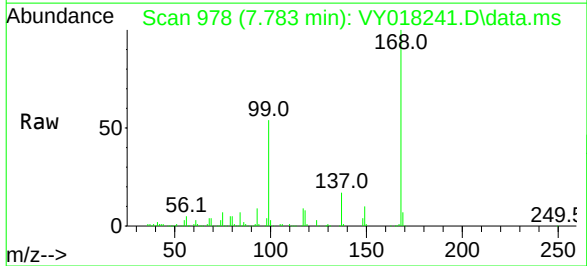
Reviewed By :Mahesh Dadoda 05/14/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

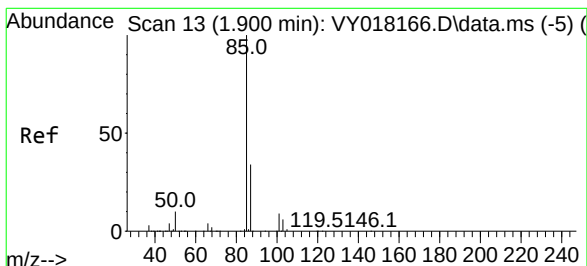
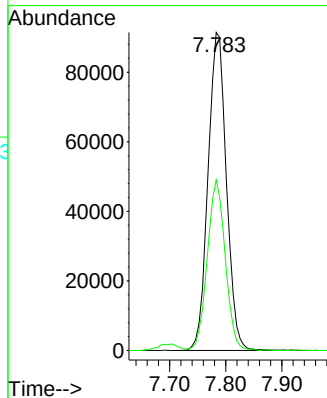
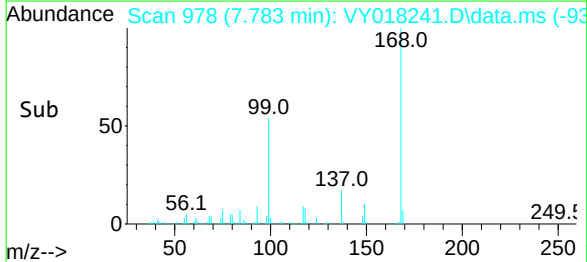
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:168 Resp: 208026
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7

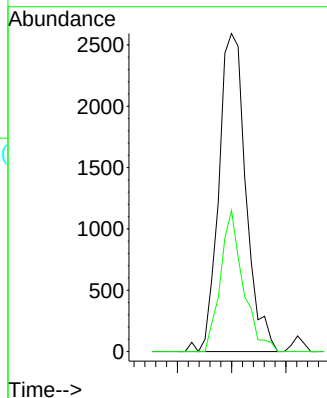
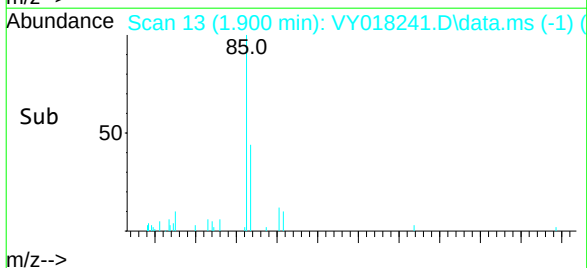
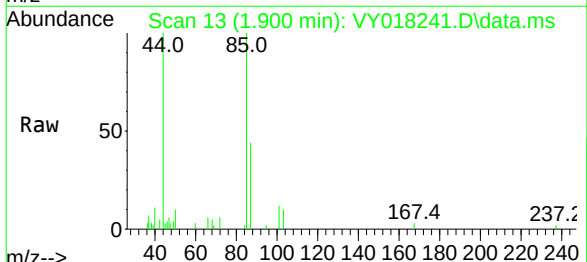
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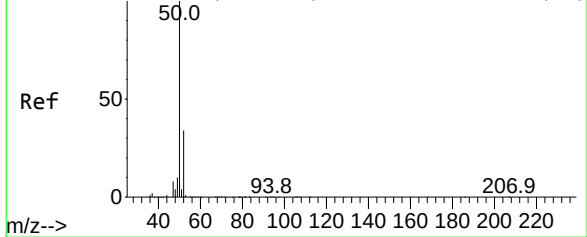


#2
Dichlorodifluoromethane
Concen: 2.723 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion: 85 Resp: 4493
Ion Ratio Lower Upper
85 100
87 44.4 16.0 48.0



Abundance Scan 47 (2.107 min): VY018166.D\data.ms (-40)



#3

Chloromethane

Concen: 3.126 ug/l

RT: 2.107 min Scan# 47

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 50 Resp: 6904

Ion Ratio Lower Upper

50 100

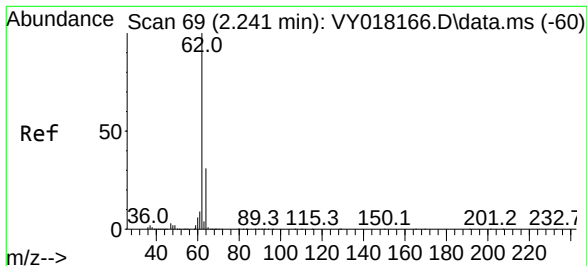
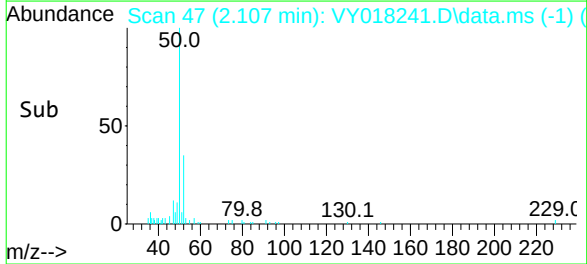
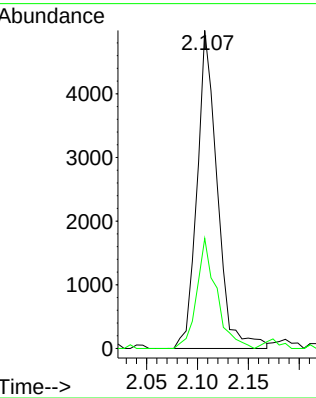
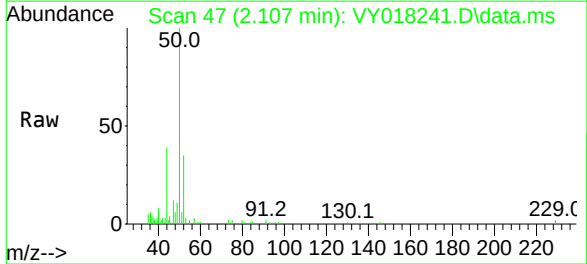
52 34.6 25.6 38.4

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 05/14/2024



#4

Vinyl Chloride

Concen: 3.006 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018241.D

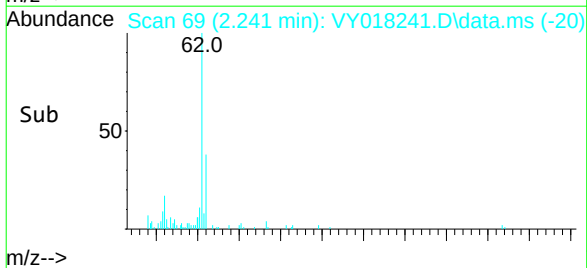
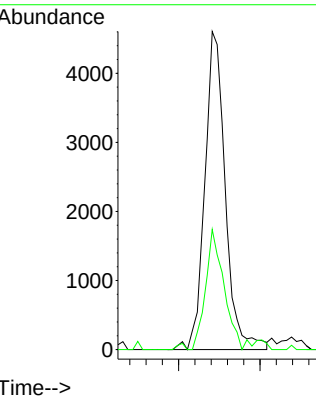
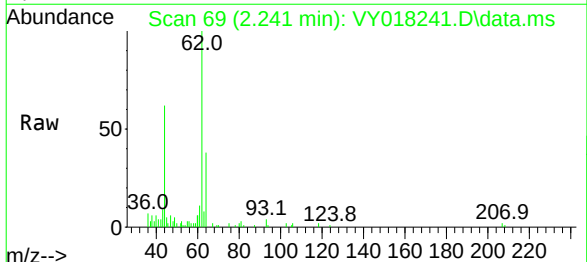
Acq: 13 May 2024 15:02

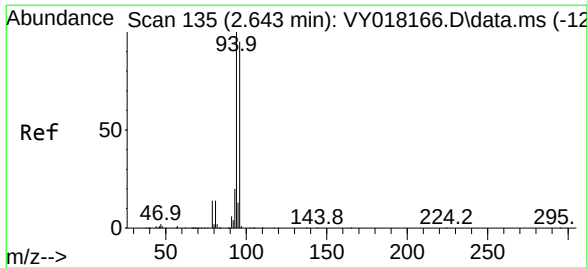
Tgt Ion: 62 Resp: 8048

Ion Ratio Lower Upper

62 100

64 37.8 26.1 39.1





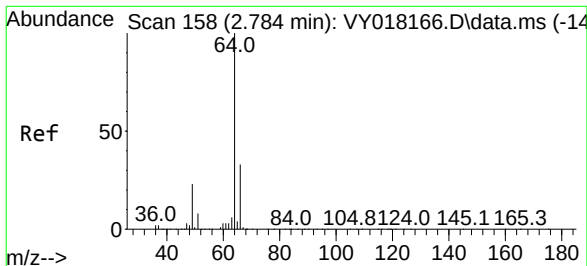
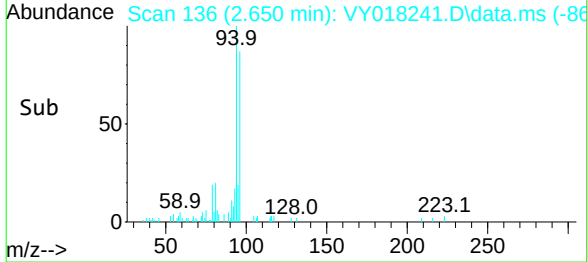
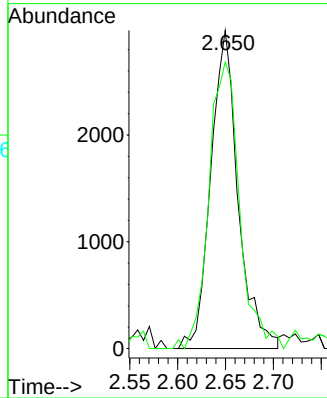
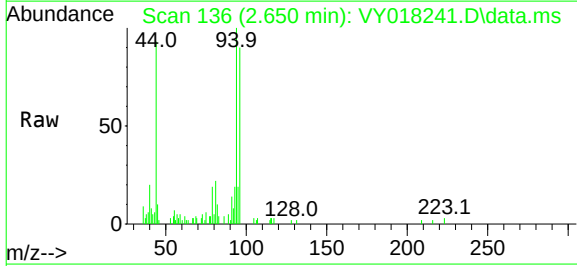
#5
Bromomethane
Concen: 3.181 ug/l
RT: 2.650 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

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ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 94 Resp: 5914
Ion Ratio Lower Upper
94 100
96 87.3 74.1 111.1

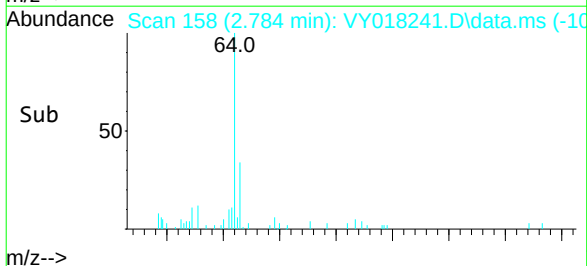
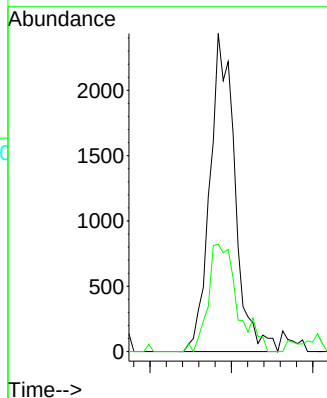
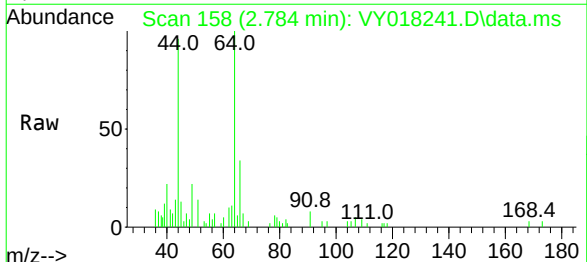
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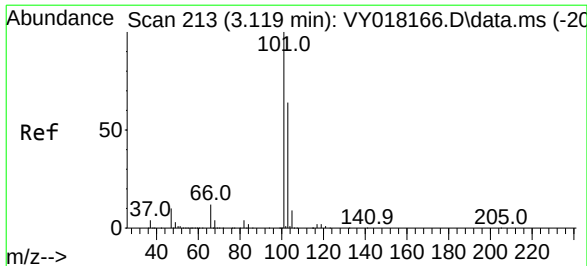
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#6
Chloroethane
Concen: 3.053 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion: 64 Resp: 5187
Ion Ratio Lower Upper
64 100
66 33.8 26.1 39.1





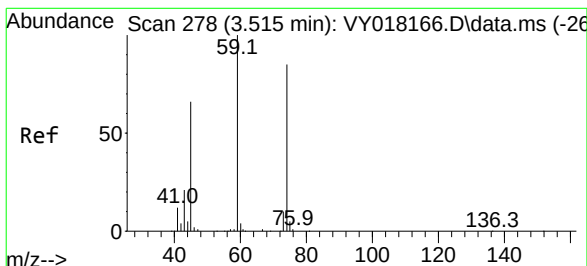
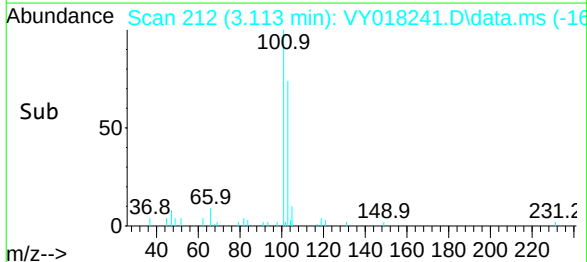
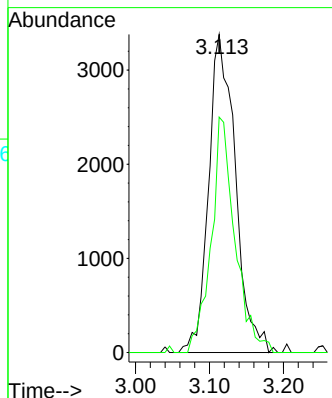
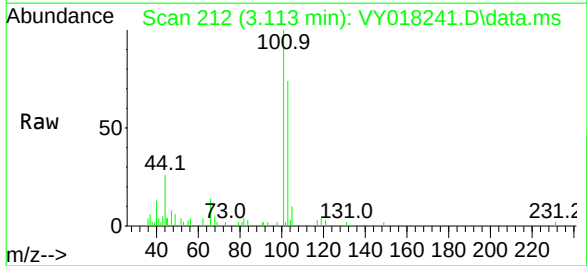
#7
Trichlorofluoromethane
Concen: 2.706 ug/l
RT: 3.113 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

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ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 101 Resp: 8486
Ion Ratio Lower Upper
101 100
103 74.0 49.3 73.9#

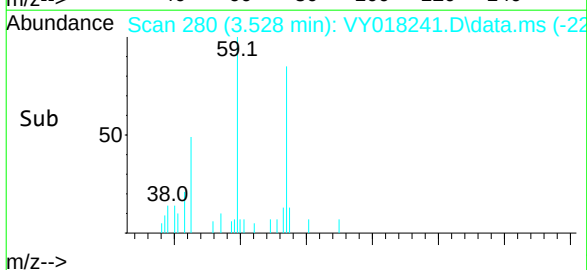
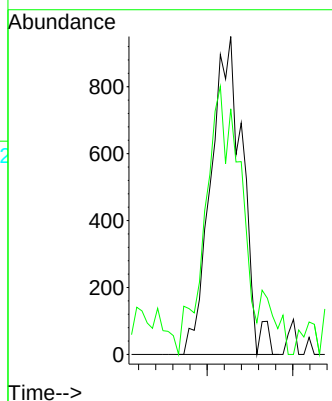
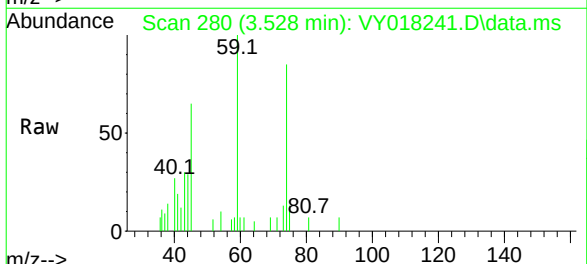
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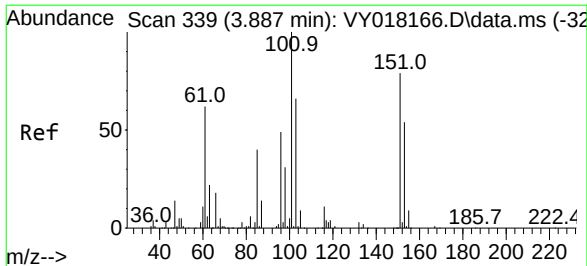
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#8
Diethyl Ether
Concen: 2.379 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.012 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

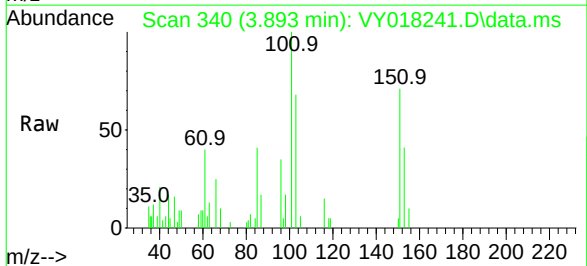
Tgt Ion: 74 Resp: 2456
Ion Ratio Lower Upper
74 100
45 92.2 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.565 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

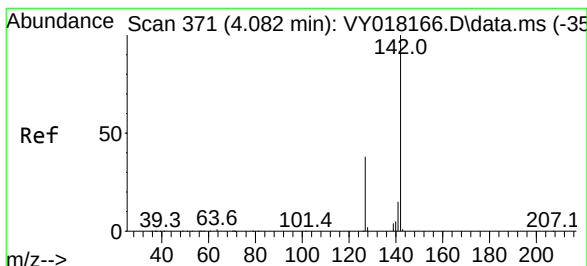
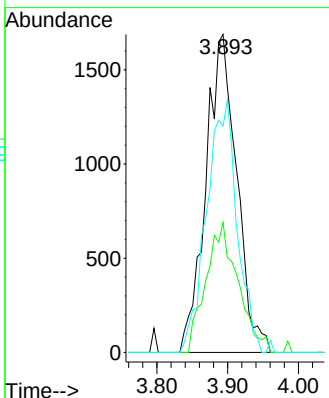
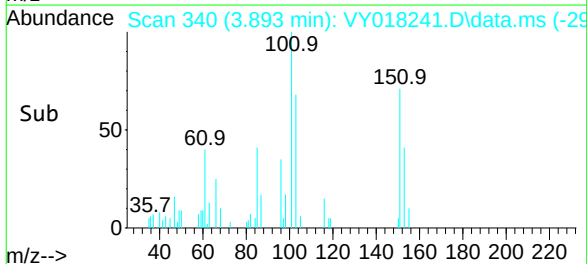
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:101 Resp: 5126
Ion Ratio Lower Upper
101 100
85 42.3 34.5 51.7
151 78.1 61.7 92.5

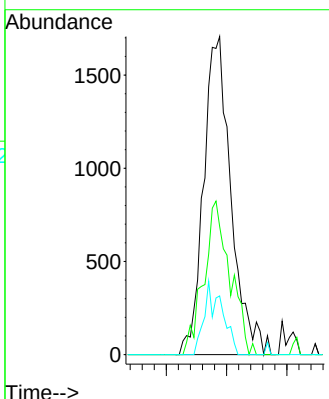
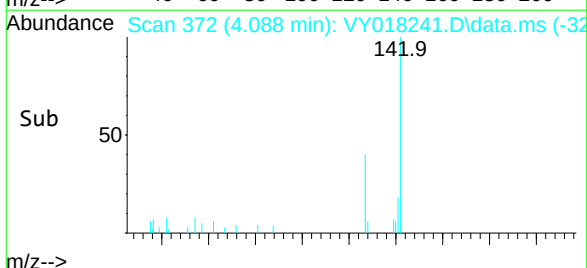
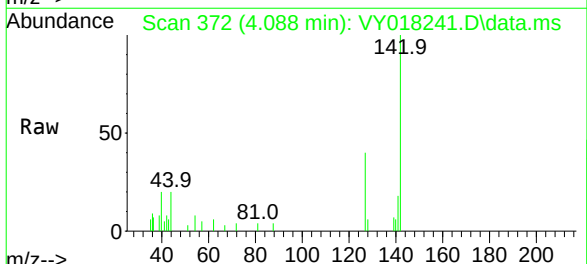
Manual Integrations
APPROVED

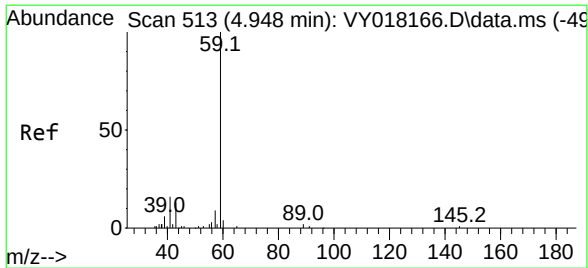
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#10
Methyl Iodide
Concen: 2.316 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

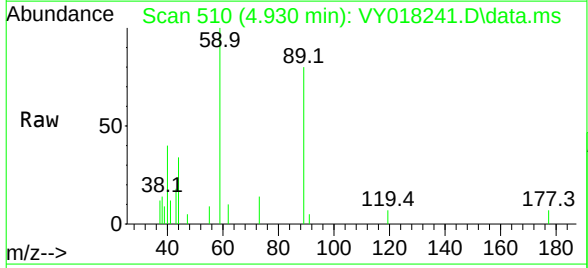
Tgt Ion:142 Resp: 5405
Ion Ratio Lower Upper
142 100
127 46.2 32.8 49.2
141 7.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 25.162 ug/l m
RT: 4.930 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

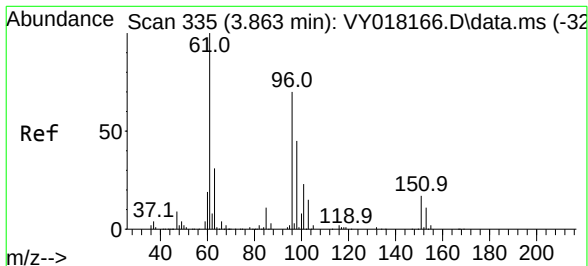
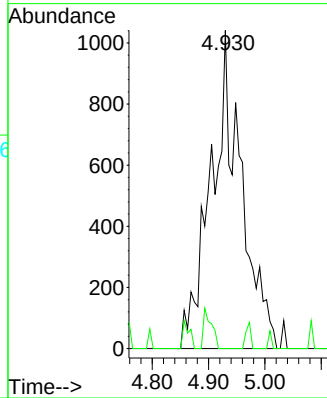
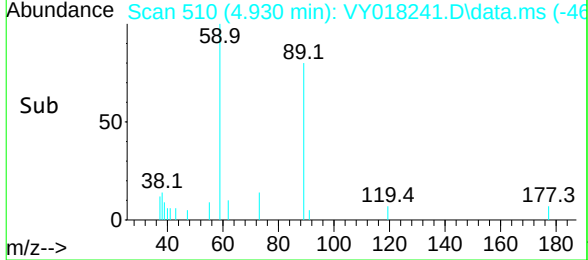
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



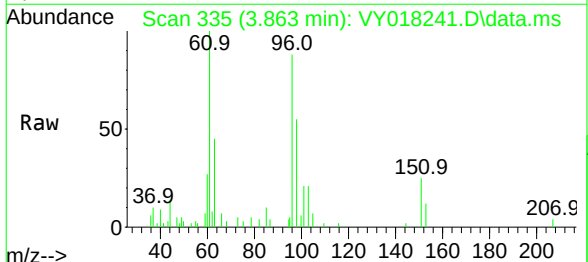
Tgt Ion: 59 Resp: 3849
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

Manual Integrations
APPROVED

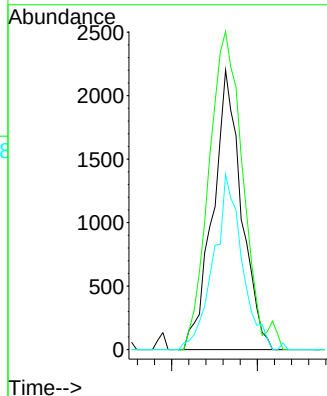
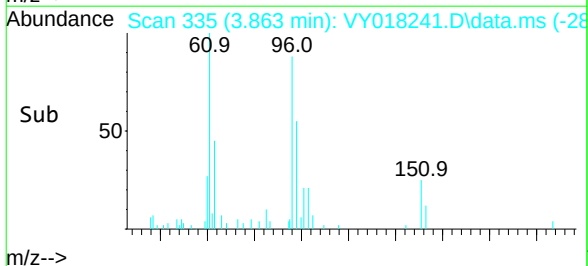
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

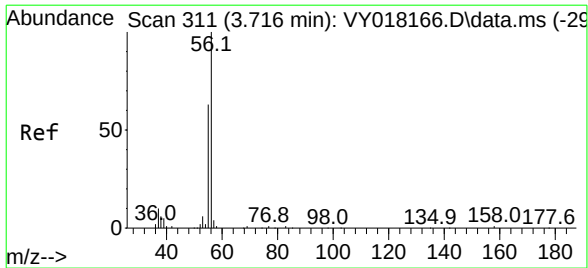


#12
1,1-Dichloroethene
Concen: 2.541 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02



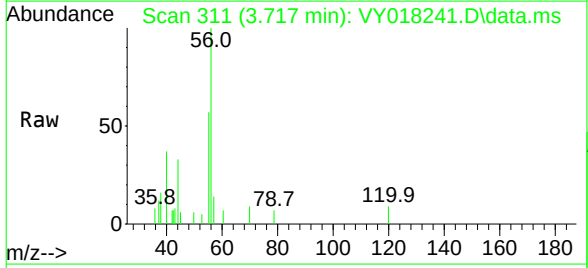
Tgt Ion: 96 Resp: 5112
Ion Ratio Lower Upper
96 100
61 113.8 114.6 171.8#
98 62.7 50.8 76.2





#13
Acrolein
Concen: 18.968 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

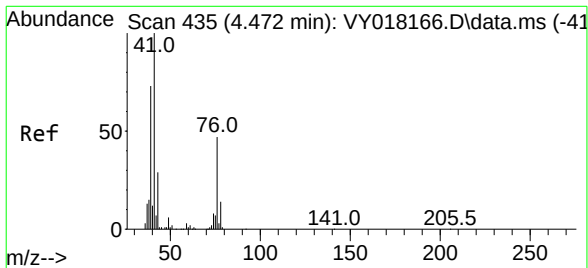
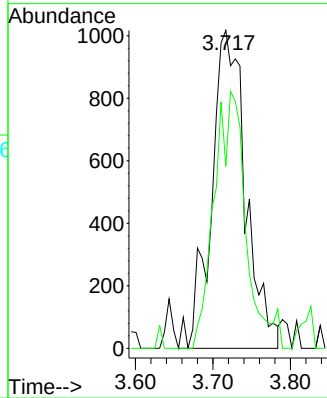
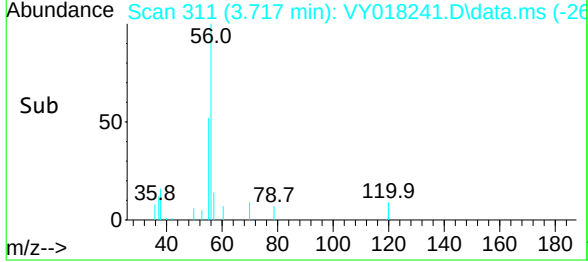
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



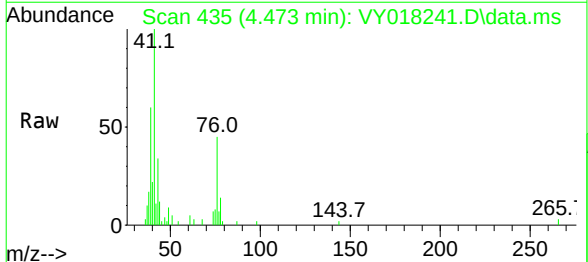
Tgt Ion: 56 Resp: 3129
Ion Ratio Lower Upper
56 100
55 74.6 55.7 83.5

Manual Integrations
APPROVED

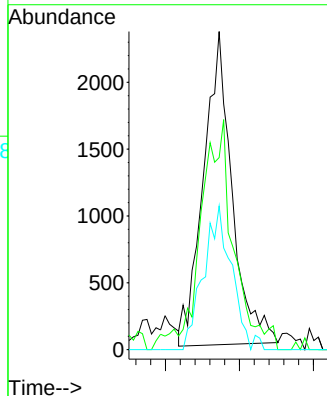
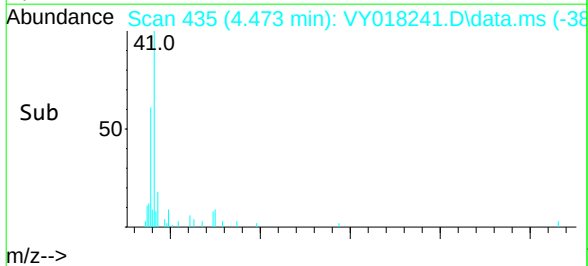
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

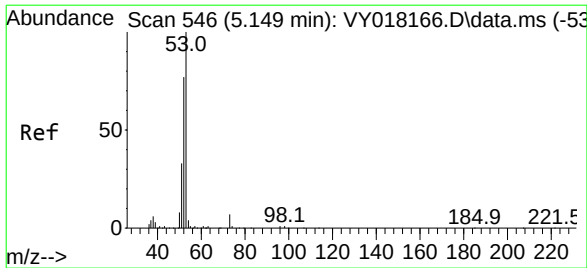


#14
Allyl chloride
Concen: 2.461 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02



Tgt Ion: 41 Resp: 6298
Ion Ratio Lower Upper
41 100
39 84.6 58.3 87.5
76 44.0 39.0 58.6





#15

Acrylonitrile

Concen: 10.500 ug/l m

RT: 5.161 min Scan# 54

Delta R.T. 0.012 min

Lab File: VY018241.D

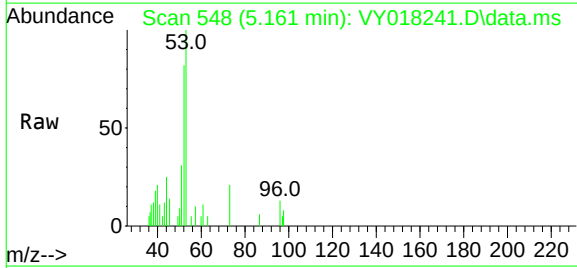
Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



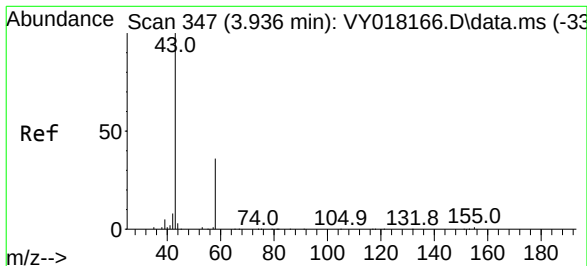
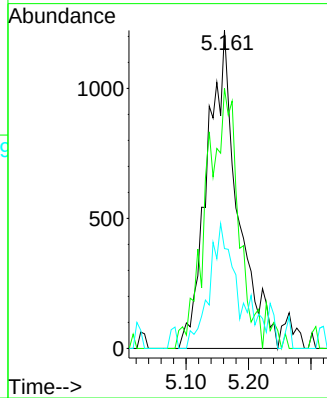
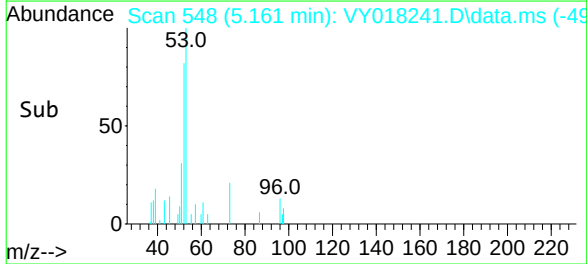
Tgt Ion:	53	Resp:	4168
Ion	Ratio	Lower	Upper
53	100		
52	42.2	64.7	97.1#
51	32.4	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#16

Acetone

Concen: 14.424 ug/l

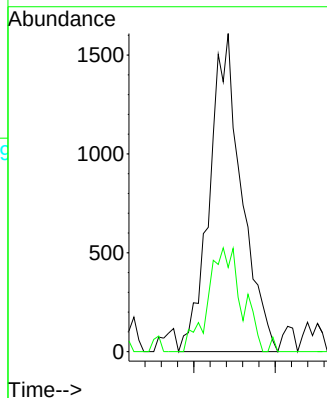
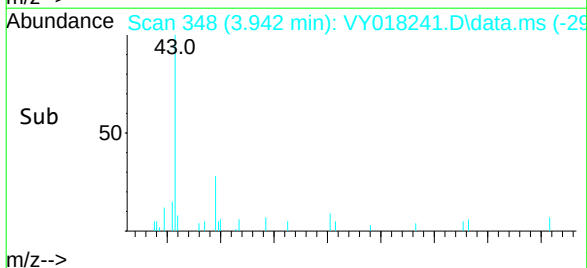
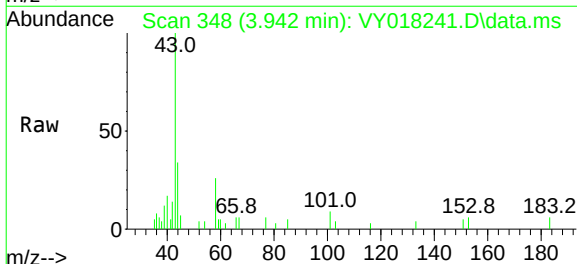
RT: 3.942 min Scan# 348

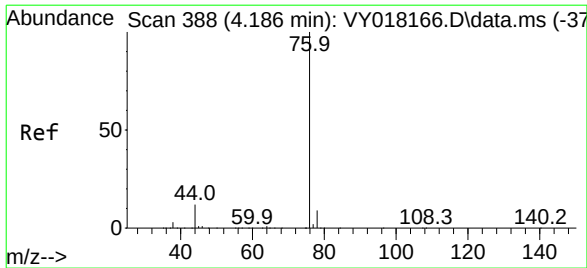
Delta R.T. 0.006 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Tgt Ion:	43	Resp:	4405
Ion	Ratio	Lower	Upper
43	100		
58	26.5	31.7	47.5#





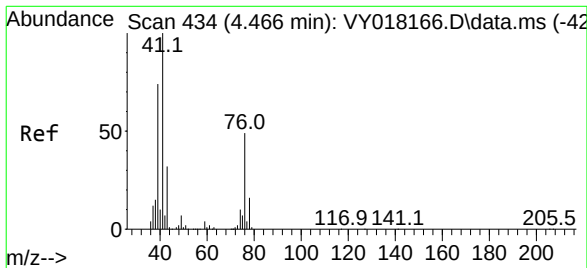
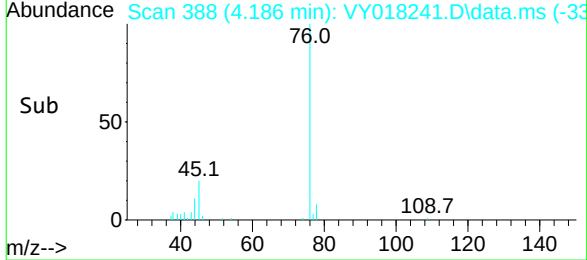
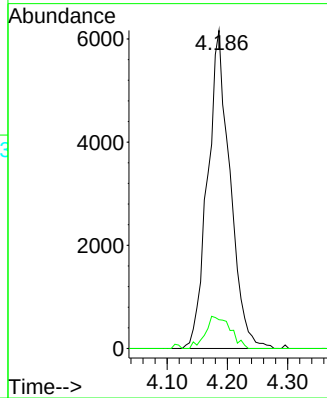
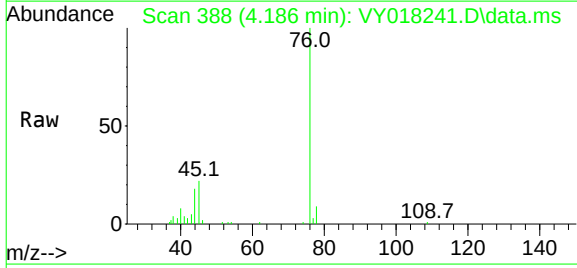
#17
Carbon Disulfide
Concen: 2.911 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 76 Resp: 15943
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

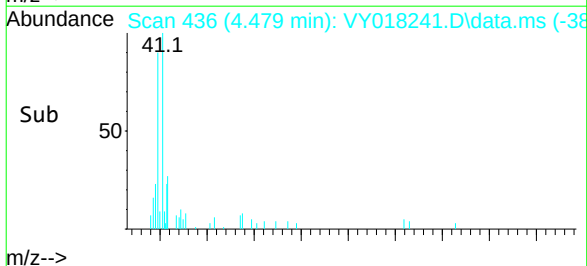
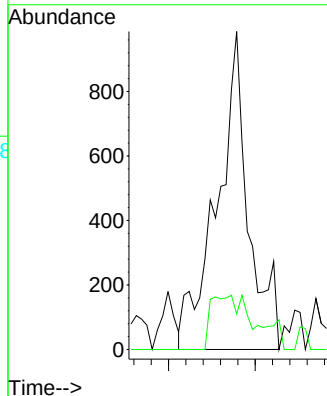
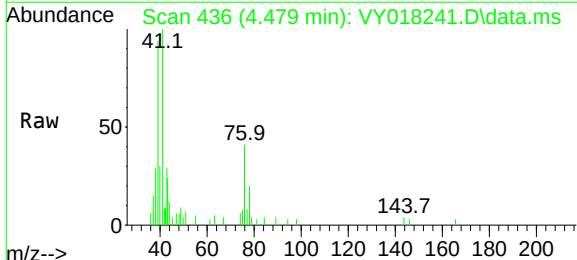
Manual Integrations
APPROVED

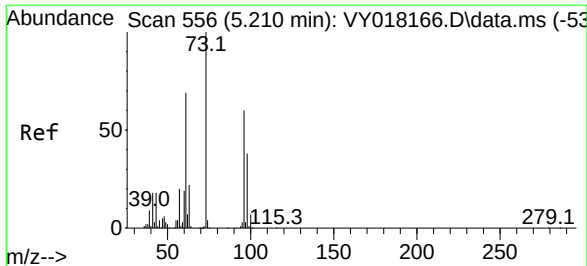
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#18
Methyl Acetate
Concen: 2.832 ug/l m
RT: 4.479 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
74 20.7 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 2.086 ug/l

RT: 5.204 min Scan# 556

Delta R.T. -0.006 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 73 Resp: 9349

Ion Ratio Lower Upper

73 100

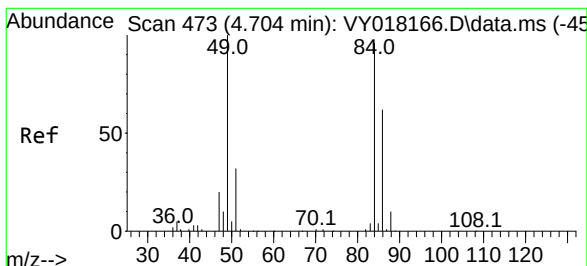
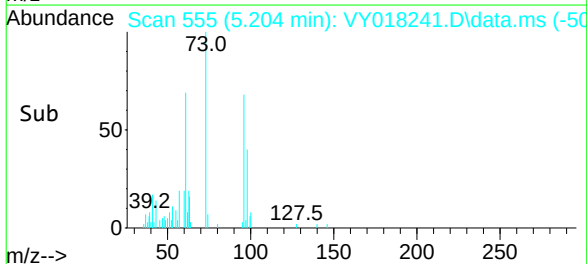
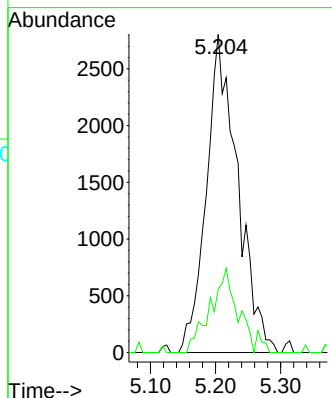
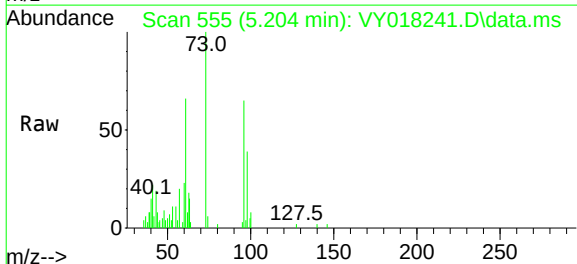
57 19.9 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#20

Methylene Chloride

Concen: 10.927 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Tgt Ion: 84 Resp: 23588

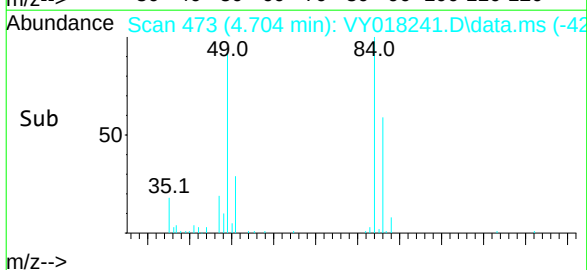
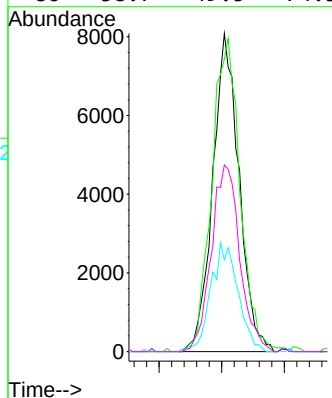
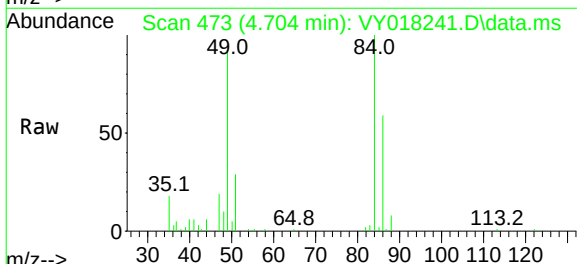
Ion Ratio Lower Upper

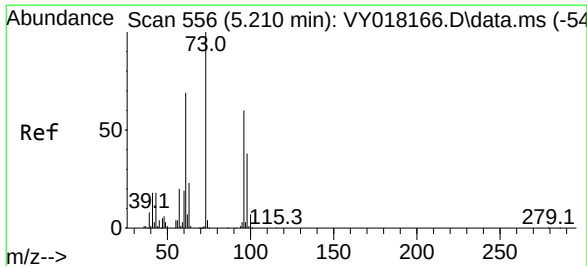
84 100

49 91.9 84.4 126.6

51 28.8 26.0 39.0

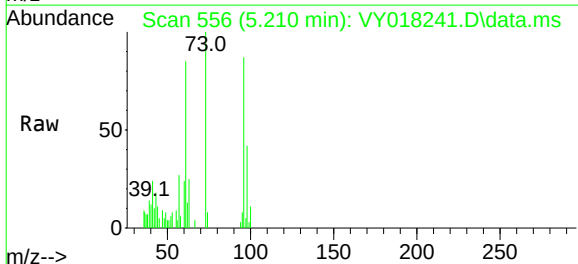
86 58.7 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 2.796 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

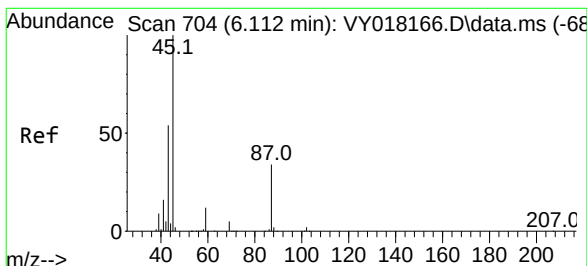
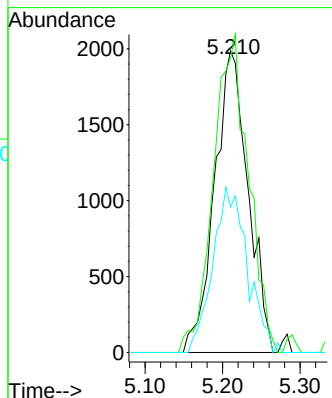
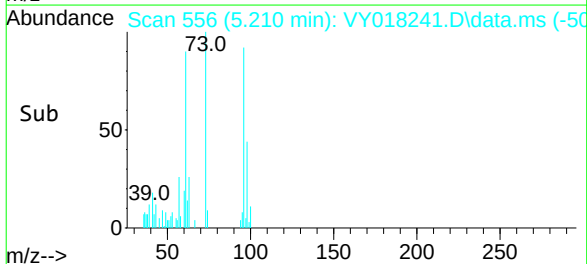
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



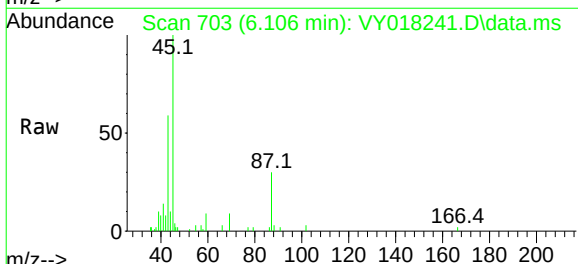
Tgt Ion	Ratio	Lower	Upper
96	100		
61	97.6	97.5	146.3
98	48.2	50.5	75.7#

Manual Integrations
APPROVED

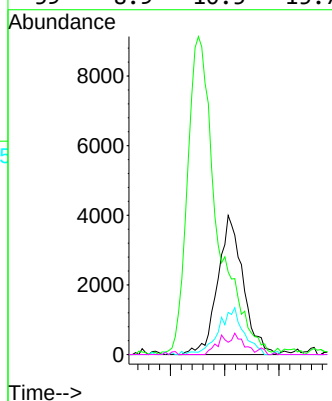
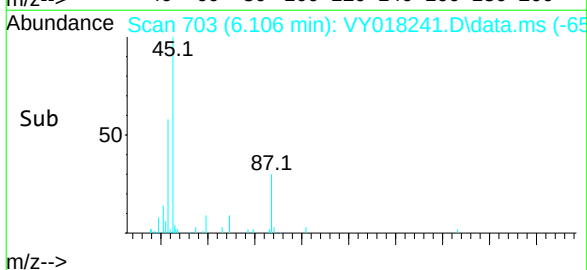
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

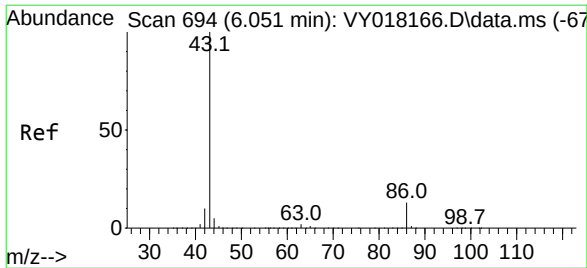


#22
Diisopropyl ether
Concen: 2.391 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02



Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.8	42.2	63.2
87	30.3	25.0	37.6
59	8.9	10.5	15.7#





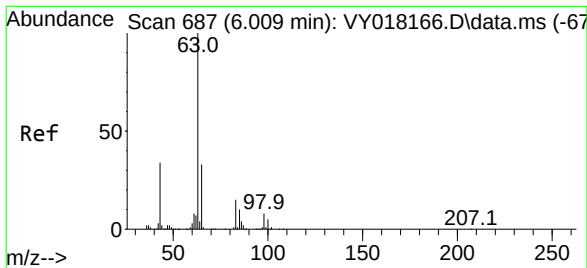
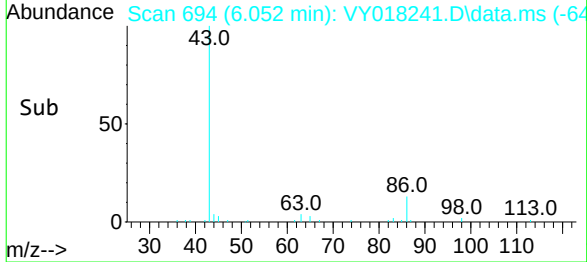
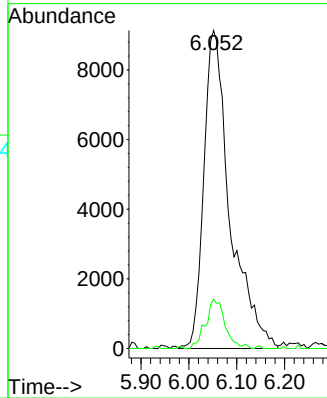
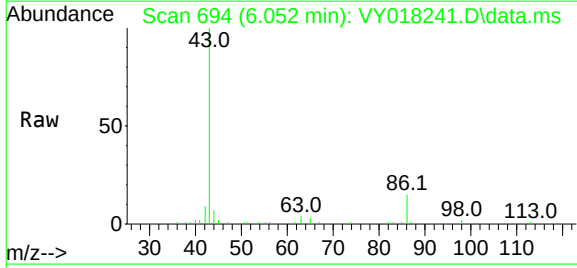
#23
Vinyl Acetate
Concen: 10.523 ug/l
RT: 6.052 min Scan# 694
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43 Resp: 34723
Ion Ratio Lower Upper
43 100
86 15.5 10.6 16.0

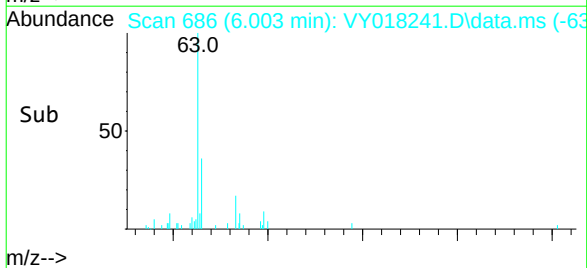
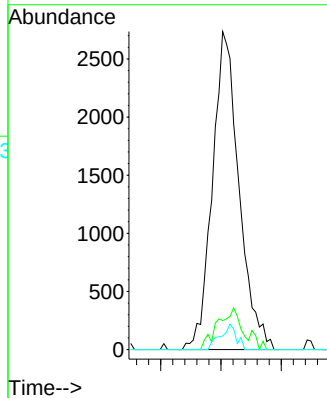
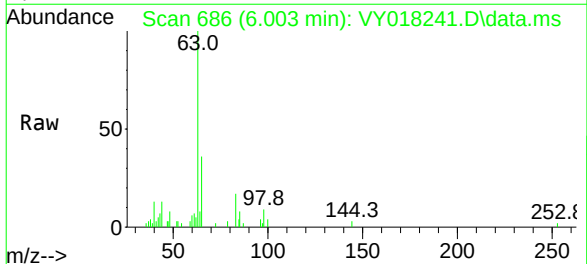
Manual Integrations
APPROVED

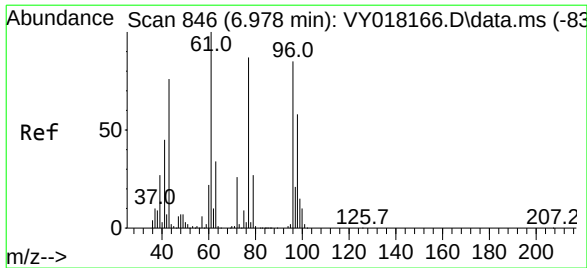
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#24
1,1-Dichloroethane
Concen: 2.508 ug/l
RT: 6.003 min Scan# 686
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

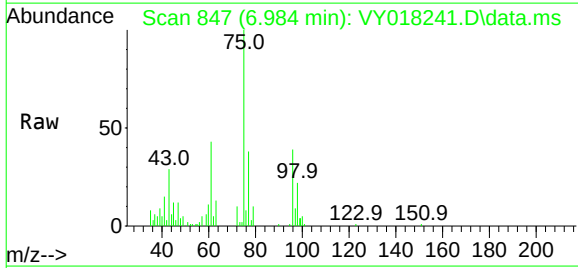
Tgt Ion: 63 Resp: 8388
Ion Ratio Lower Upper
63 100
98 9.1 4.0 12.2
100 4.3 2.6 8.0





#25
2-Butanone
Concen: 11.565 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

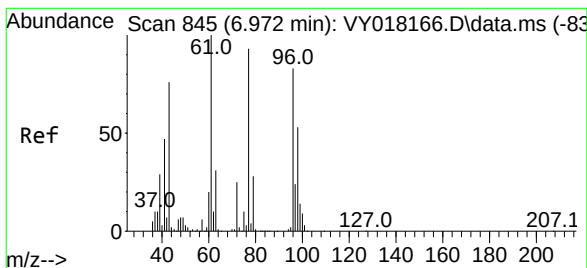
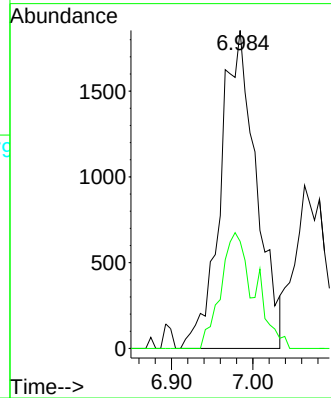
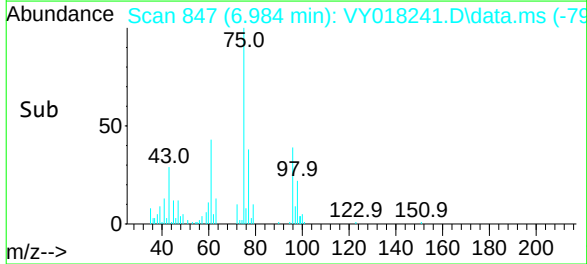
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



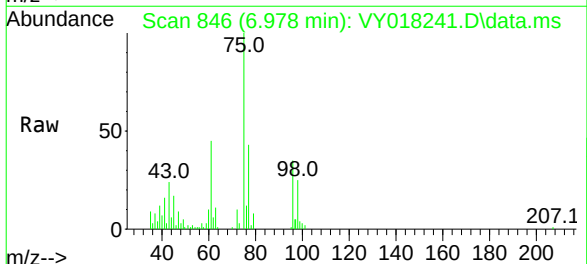
Tgt Ion: 43 Resp: 5646
Ion Ratio Lower Upper
43 100
72 33.7 27.3 40.9

Manual Integrations
APPROVED

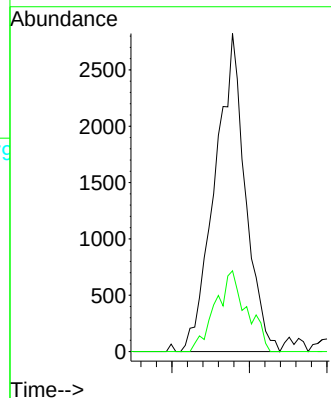
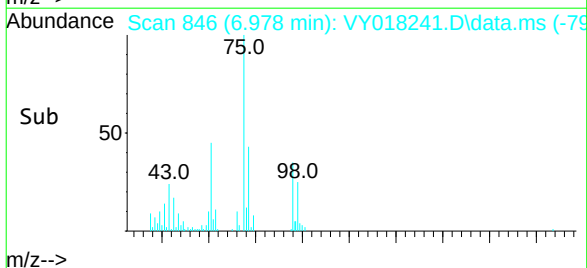
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

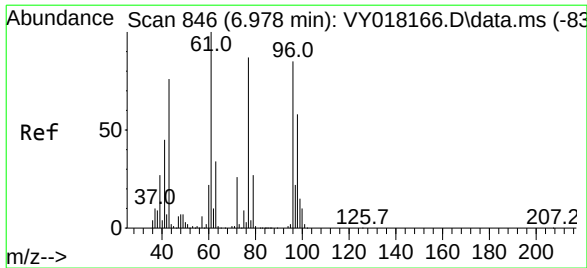


#26
2,2-Dichloropropane
Concen: 2.549 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02



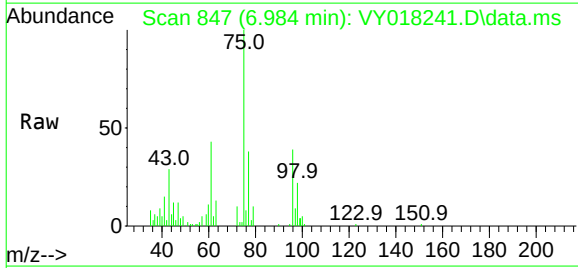
Tgt Ion: 77 Resp: 7713
Ion Ratio Lower Upper
77 100
97 26.1 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 2.574 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

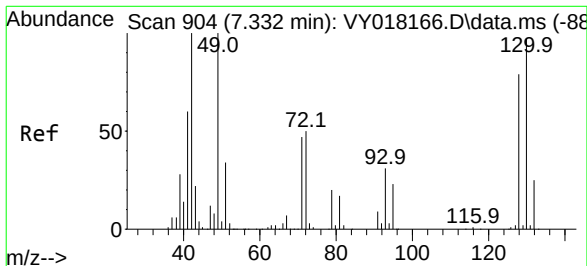
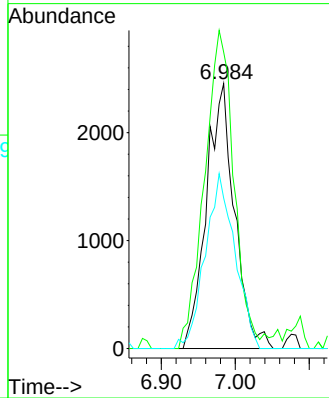
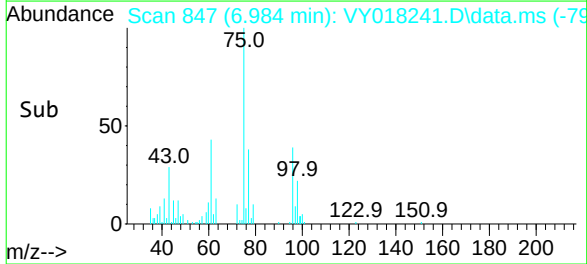
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 96 Resp: 6486
Ion Ratio Lower Upper
96 100
61 125.2 0.0 256.2
98 69.9 0.0 130.0

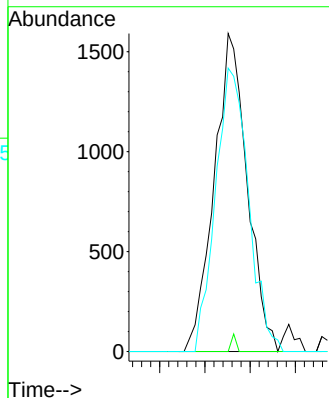
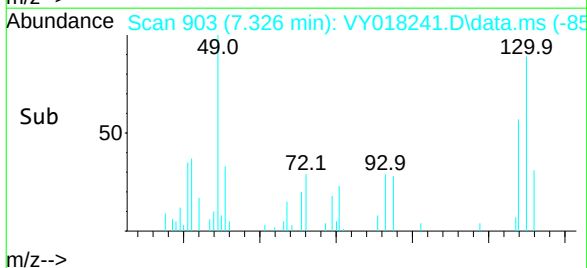
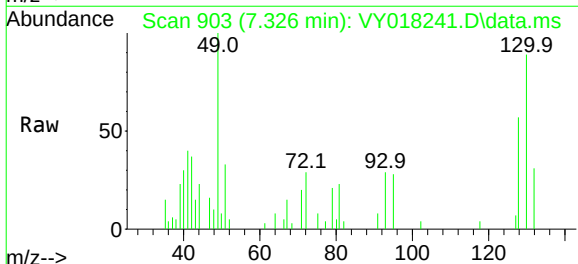
Manual Integrations
APPROVED

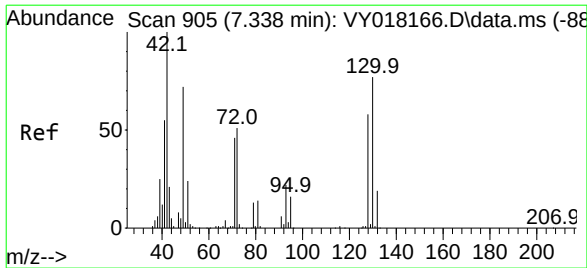
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#28
Bromochloromethane
Concen: 3.024 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

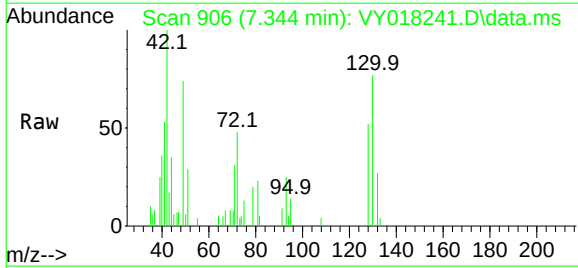
Tgt Ion: 49 Resp: 4042
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.6
130 89.0 72.7 109.1





#29
Tetrahydrofuran
Concen: 11.553 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

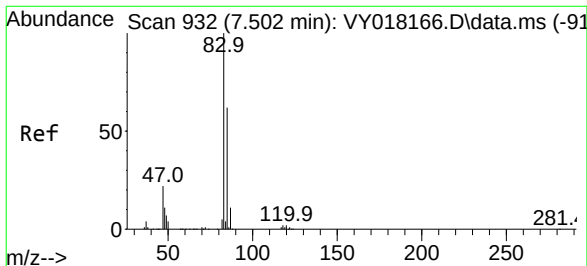
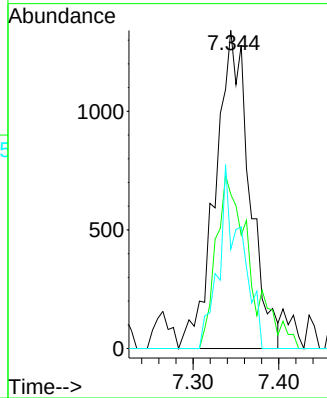
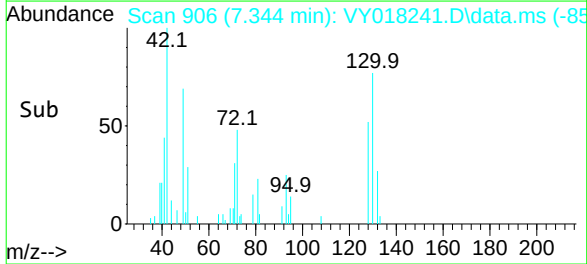
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 42 Resp: 3723
Ion Ratio Lower Upper
42 100
72 45.6 43.0 64.4
71 38.1 40.8 61.2

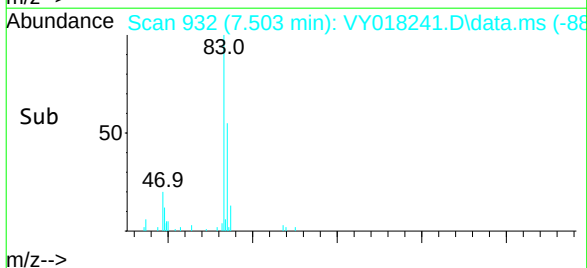
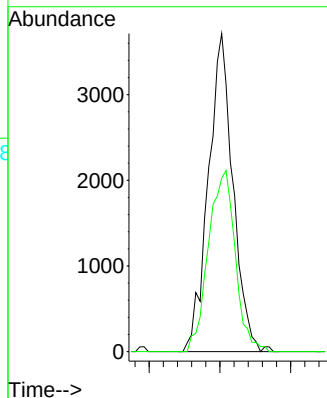
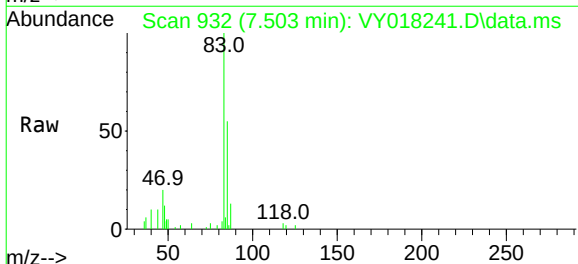
Manual Integrations
APPROVED

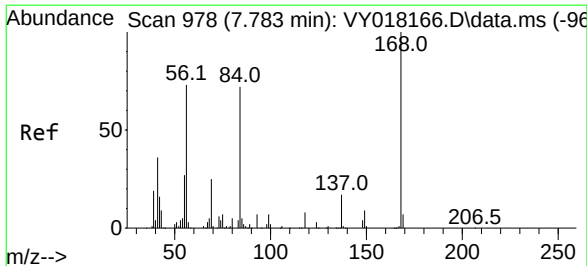
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#30
Chloroform
Concen: 2.572 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

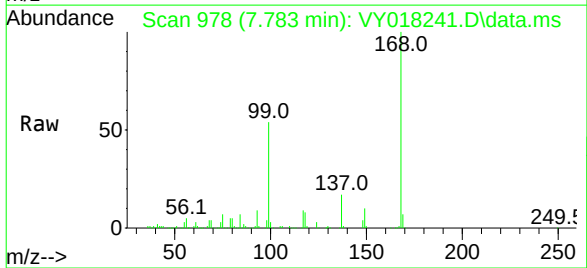
Tgt Ion: 83 Resp: 8978
Ion Ratio Lower Upper
83 100
85 54.5 52.2 78.4





#31
Cyclohexane
Concen: 3.695 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

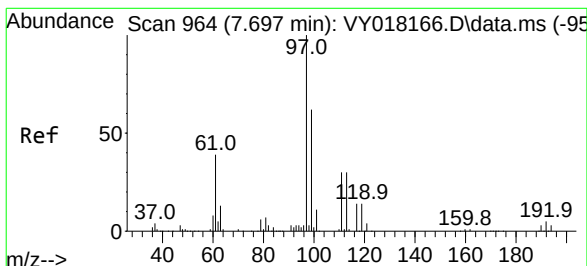
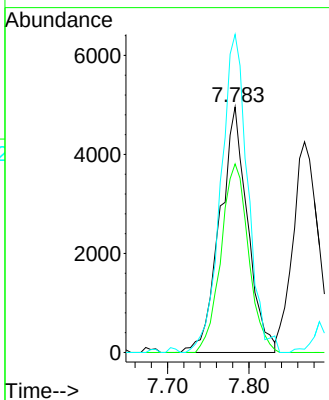
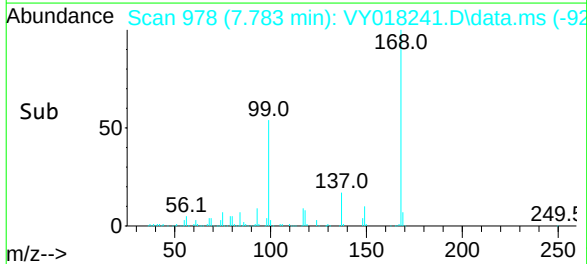
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
56	100		
69	76.8	28.7	43.1
84	128.2	77.7	116.5

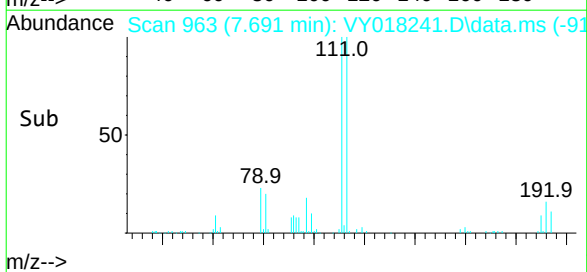
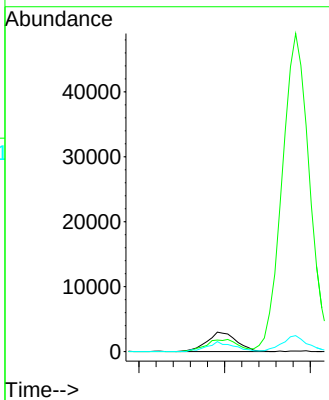
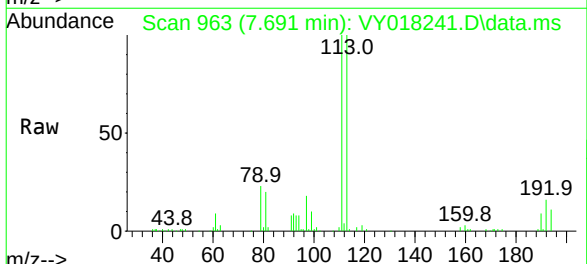
Manual Integrations
APPROVED

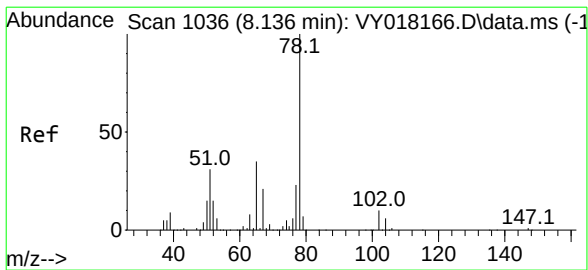
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#32
1,1,1-Trichloroethane
Concen: 2.307 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.1	50.3	75.5
61	45.2	32.6	48.8





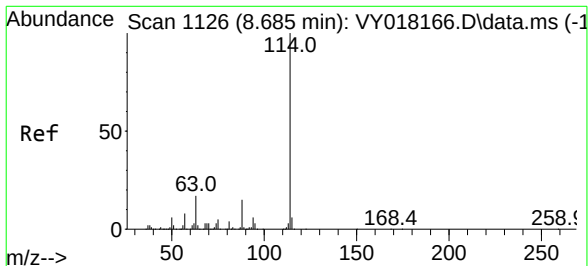
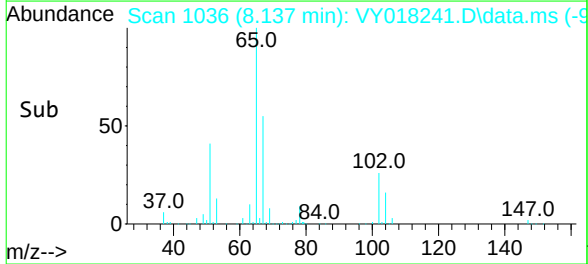
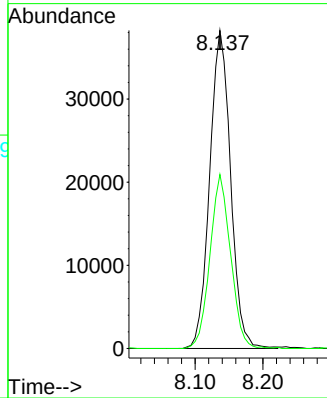
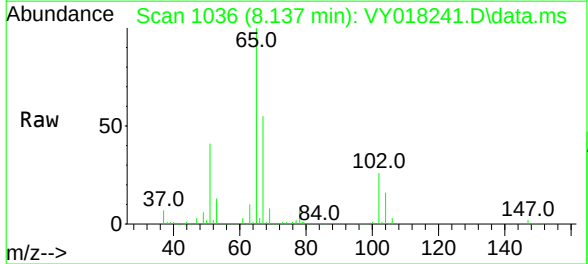
#33
1,2-Dichloroethane-d4
Concen: 53.515 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 65 Resp: 81899
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

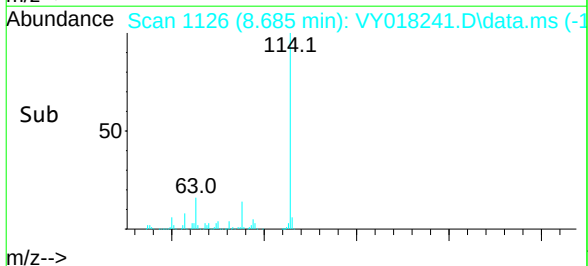
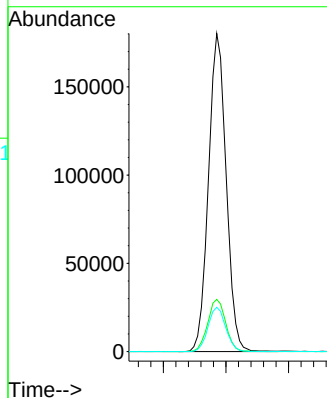
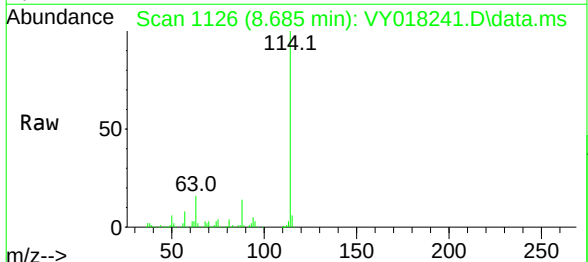
Manual Integrations
APPROVED

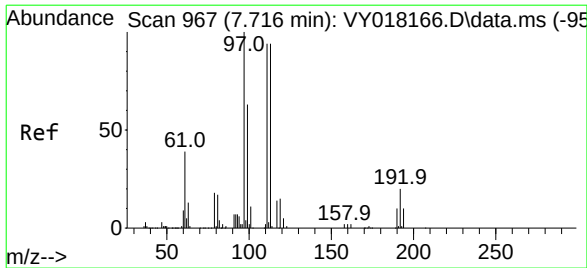
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion:114 Resp: 353507
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.0
88 13.9 0.0 27.2





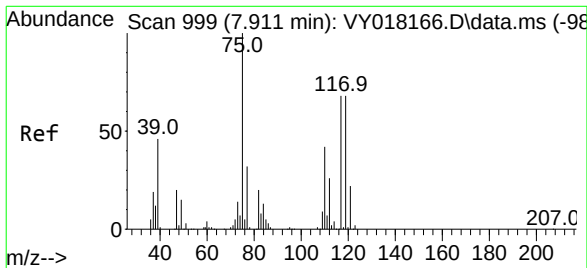
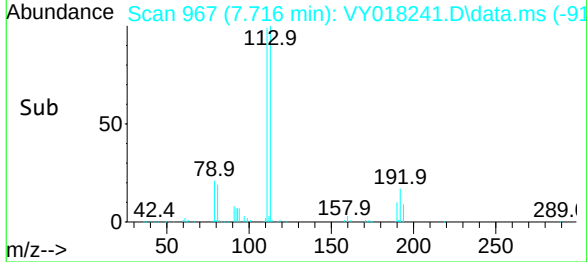
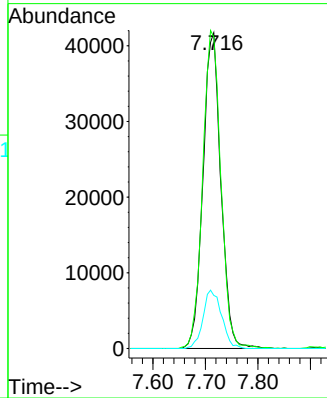
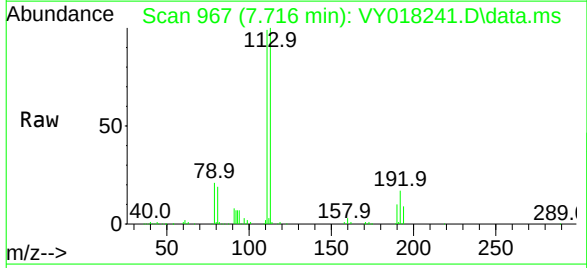
#35
Dibromofluoromethane
Concen: 53.096 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	19.2	15.9	23.9

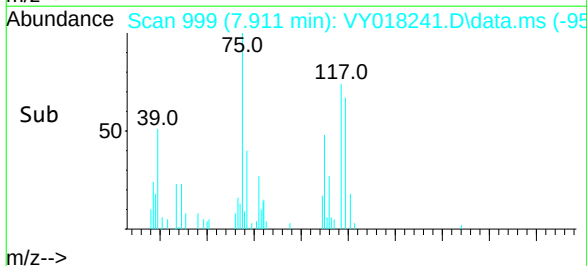
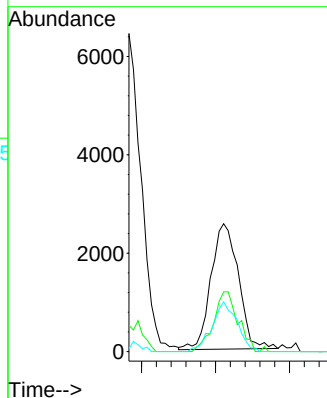
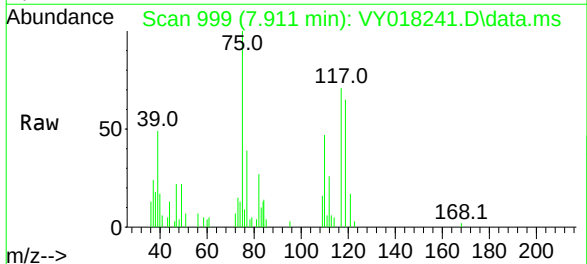
Manual Integrations
APPROVED

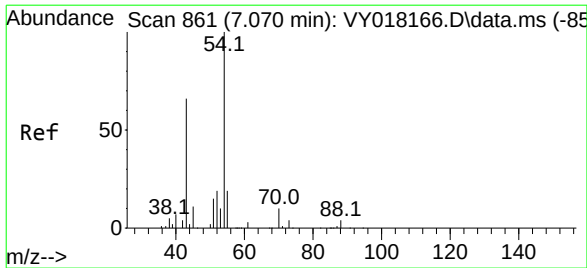
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#36
1,1-Dichloropropene
Concen: 2.475 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.2	19.0	57.0
77	36.1	25.3	37.9





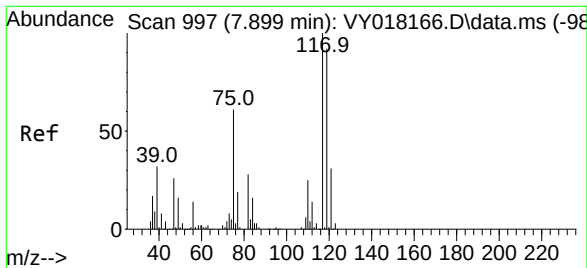
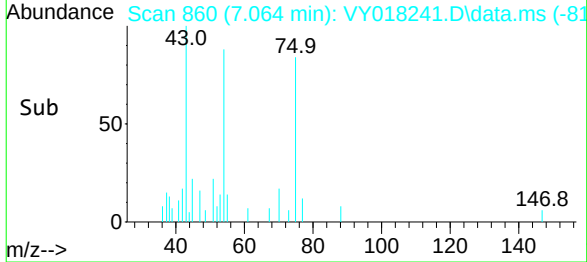
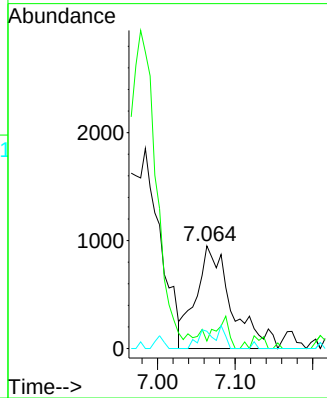
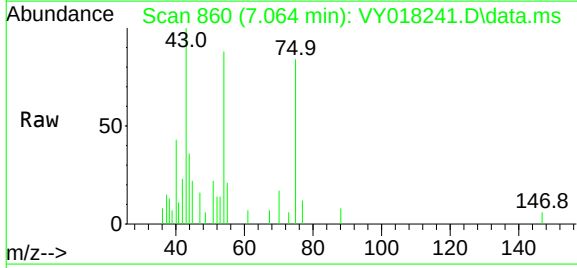
#37
Ethyl Acetate
Concen: 2.711 ug/l m
RT: 7.064 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	43	Resp:	3039
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0
70	7.8	7.8	11.8

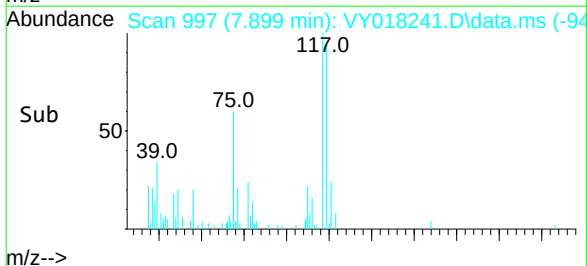
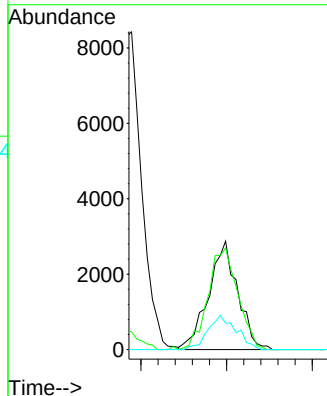
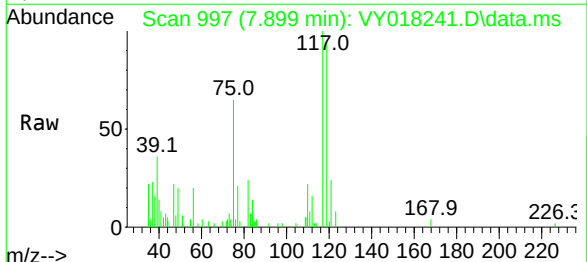
Manual Integrations
APPROVED

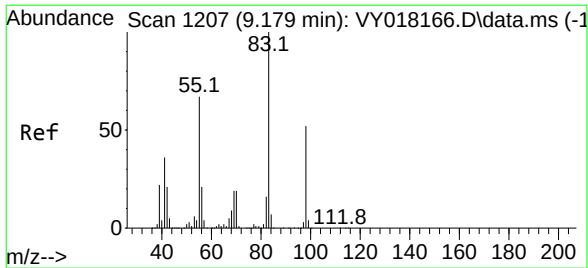
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#38
Carbon Tetrachloride
Concen: 2.335 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

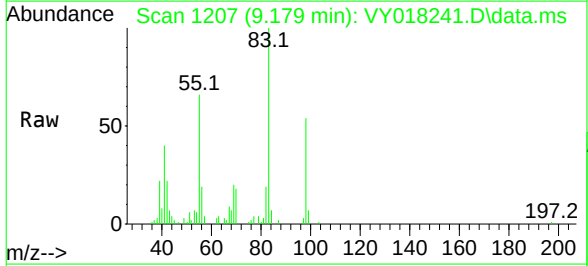
Tgt Ion:	117	Resp:	6795
Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.8	113.6
121	24.4	24.0	36.0





#39
Methylcyclohexane
Concen: 2.480 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

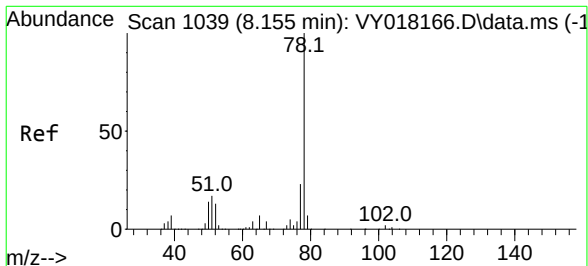
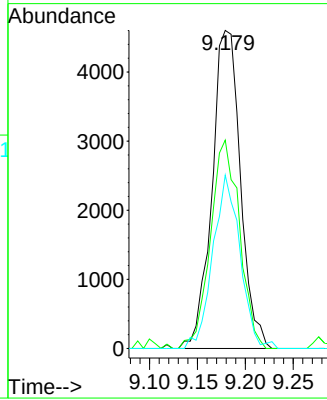
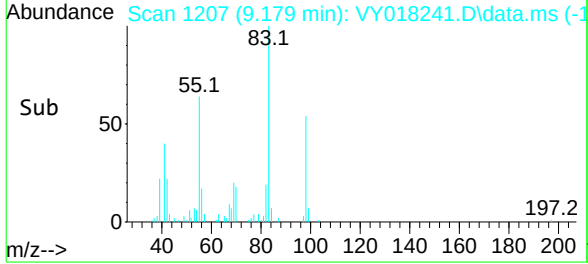
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 83 Resp: 9527
Ion Ratio Lower Upper
83 100
55 65.5 51.5 77.3
98 54.5 40.5 60.7

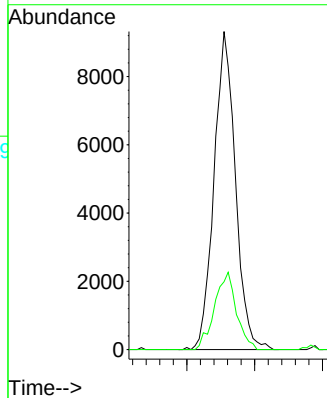
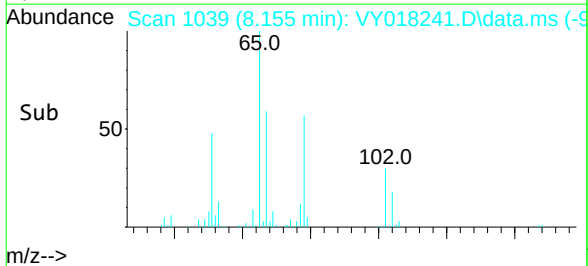
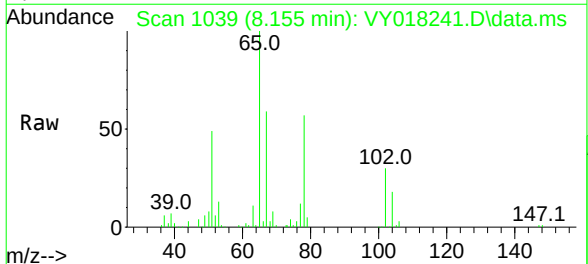
Manual Integrations
APPROVED

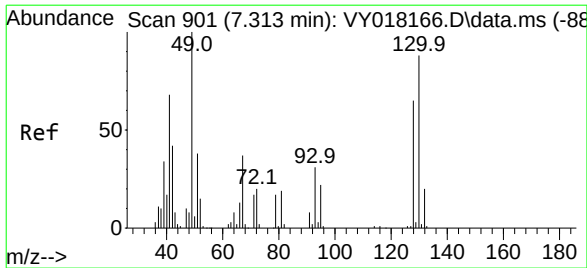
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#40
Benzene
Concen: 2.379 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

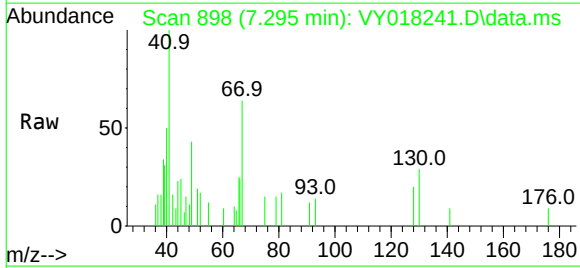
Tgt Ion: 78 Resp: 20380
Ion Ratio Lower Upper
78 100
77 21.3 19.5 29.3





#41
Methacrylonitrile
Concen: 2.296 ug/l m
RT: 7.295 min Scan# 89
Delta R.T. -0.018 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

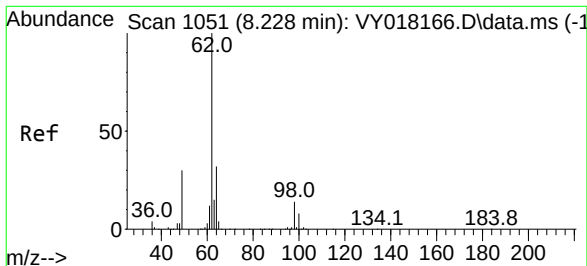
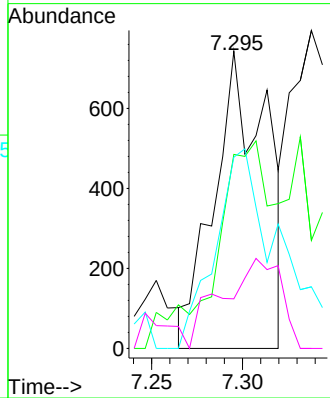
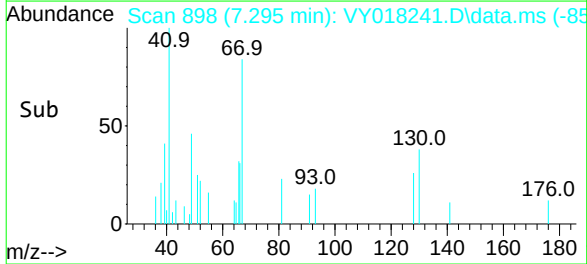
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 41 Resp: 1486
Ion Ratio Lower Upper
41 100
39 76.9 48.0 72.0#
67 80.6 75.1 112.7
52 34.2 29.8 44.6

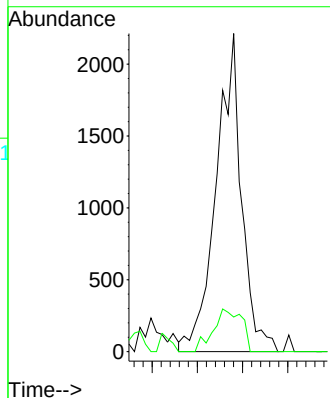
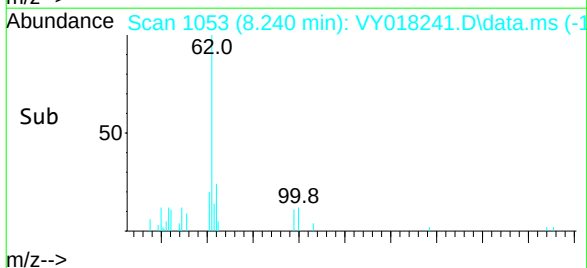
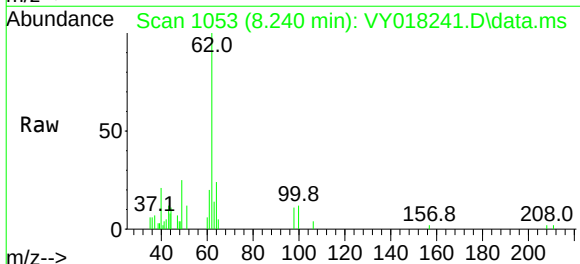
Manual Integrations
APPROVED

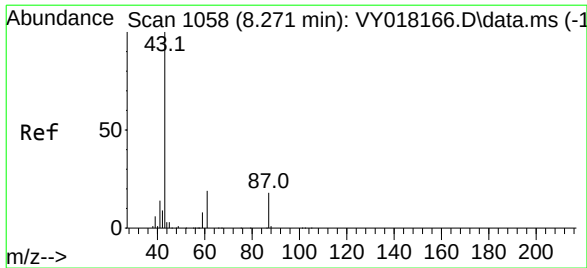
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#42
1,2-Dichloroethane
Concen: 2.319 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.012 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

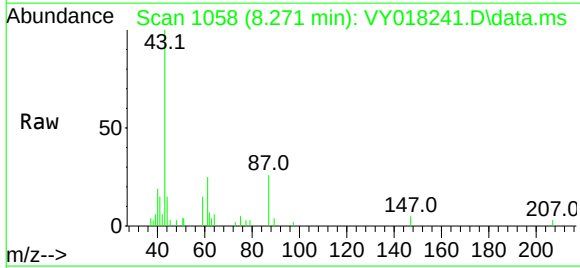
Tgt Ion: 62 Resp: 4322
Ion Ratio Lower Upper
62 100
98 14.9 0.0 22.0





#43
Isopropyl Acetate
Concen: 2.014 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

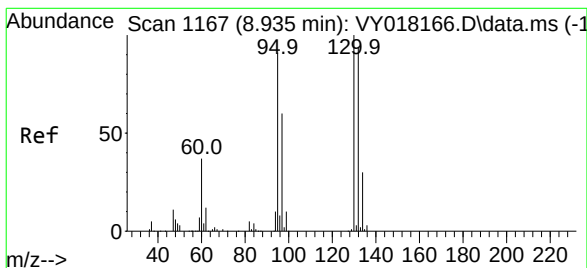
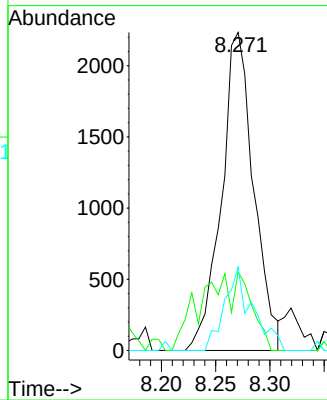
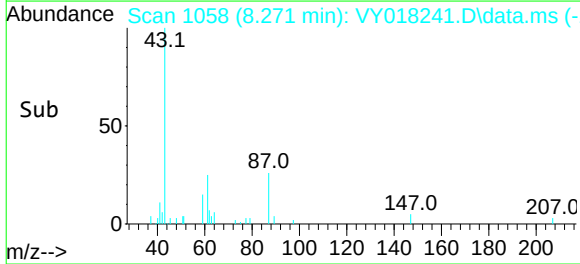
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 43 Resp: 4627
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 22.7 13.1 19.7#

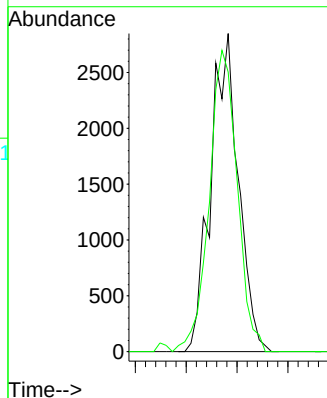
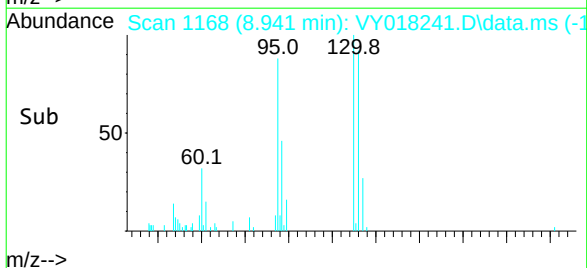
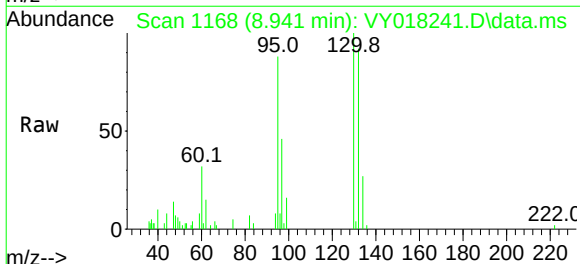
Manual Integrations
APPROVED

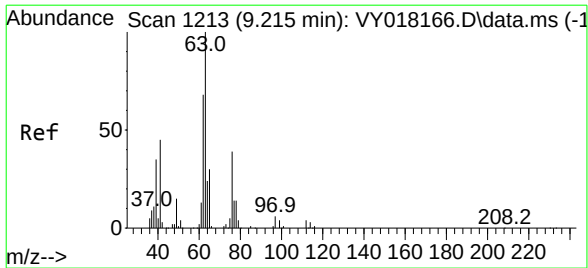
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#44
Trichloroethene
Concen: 2.326 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion:130 Resp: 5424
Ion Ratio Lower Upper
130 100
95 87.9 0.0 188.0





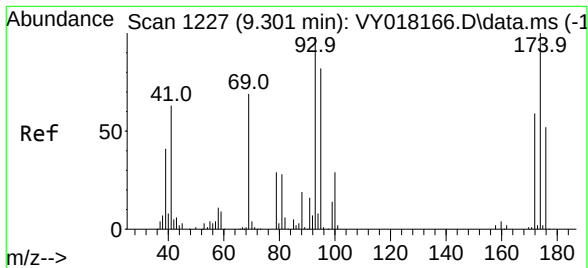
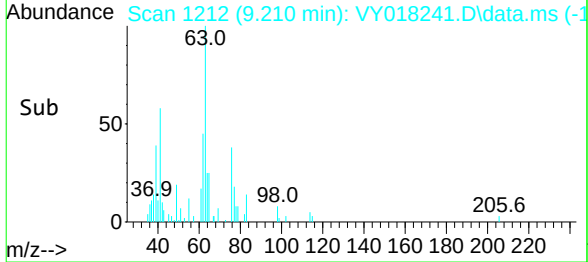
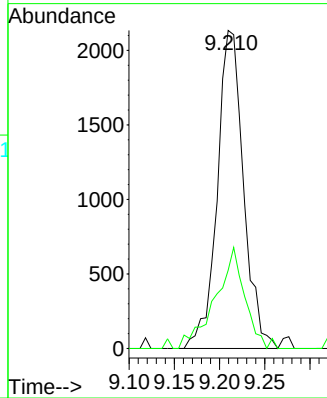
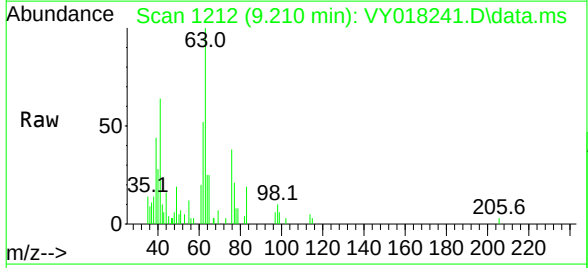
#45
1,2-Dichloropropane
Concen: 2.307 ug/l
RT: 9.210 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 63 Resp: 4321
Ion Ratio Lower Upper
63 100
65 24.6 25.4 38.2#

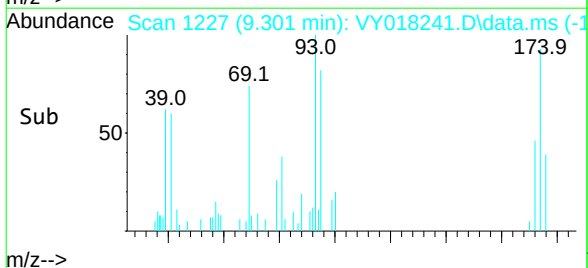
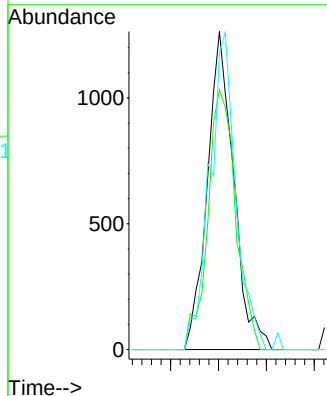
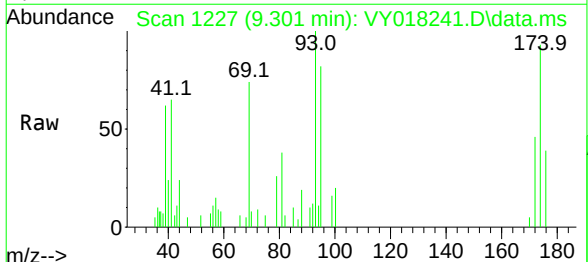
Manual Integrations
APPROVED

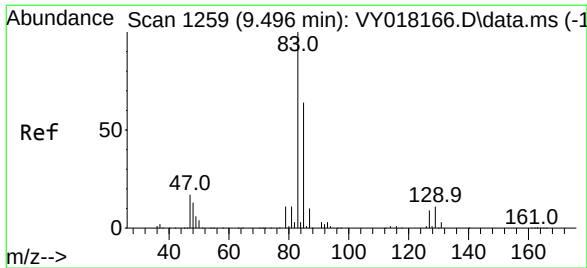
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#46
Dibromomethane
Concen: 2.255 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion: 93 Resp: 2428
Ion Ratio Lower Upper
93 100
95 86.4 66.2 99.4
174 98.7 80.9 121.3





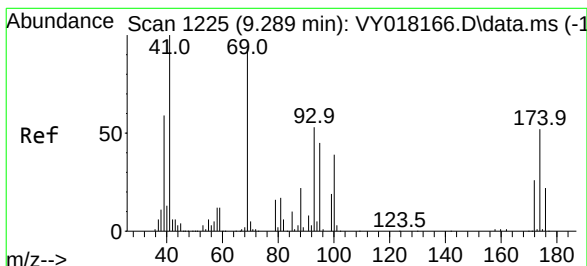
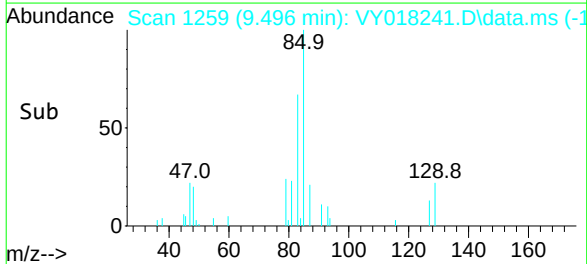
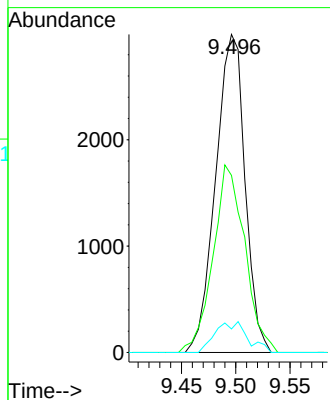
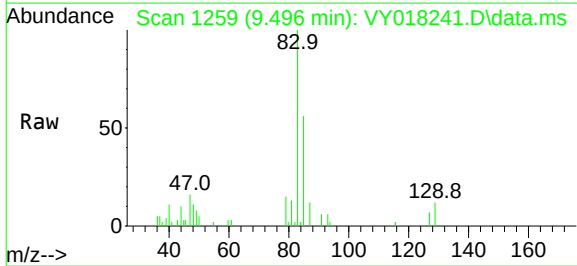
#47
Bromodichloromethane
Concen: 2.117 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 83	Resp: 5634
Ion Ratio	Lower Upper
83 100	
85 55.7	50.1 75.1
127 7.4	7.4 11.0

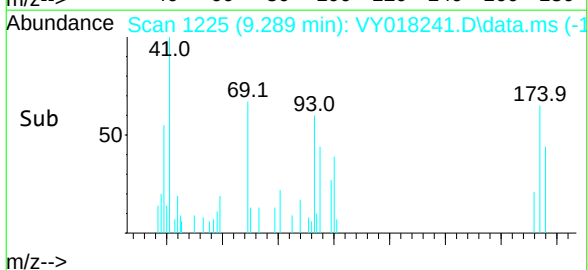
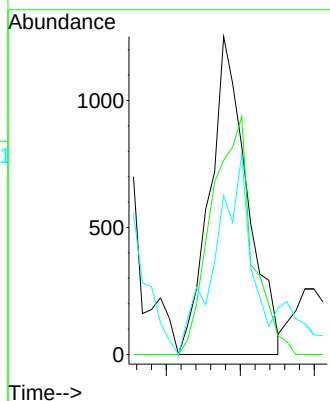
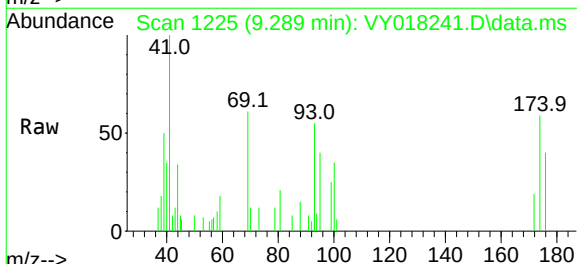
Manual Integrations
APPROVED

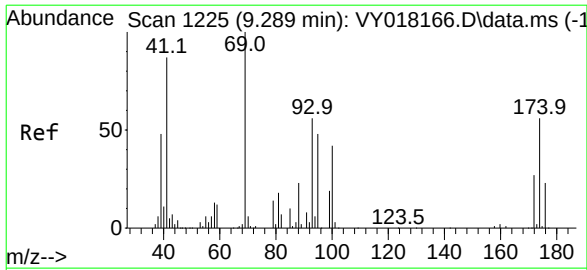
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#48
Methyl methacrylate
Concen: 2.085 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

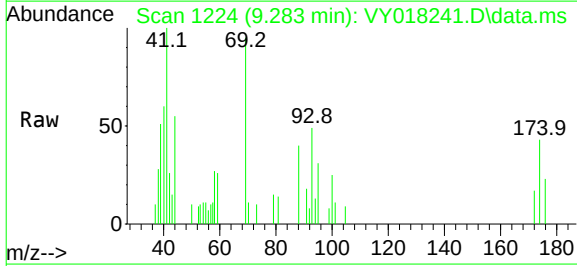
Tgt Ion: 41	Resp: 2196
Ion Ratio	Lower Upper
41 100	
69 81.3	84.1 126.1
39 59.5	43.6 65.4





#49
1,4-Dioxane
Concen: 40.791 ug/l
RT: 9.283 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

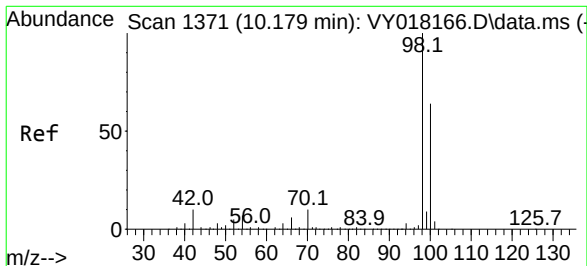
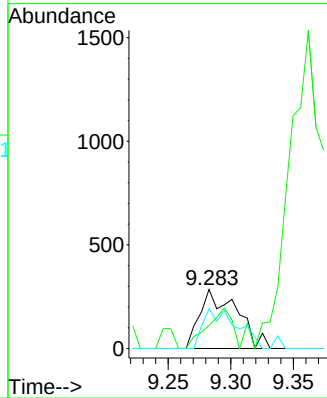
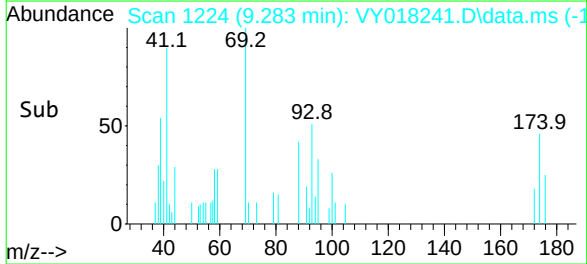
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 88 Resp: 583
Ion Ratio Lower Upper
88 100
43 45.8 0.0 0.0#
58 61.7 49.3 73.9

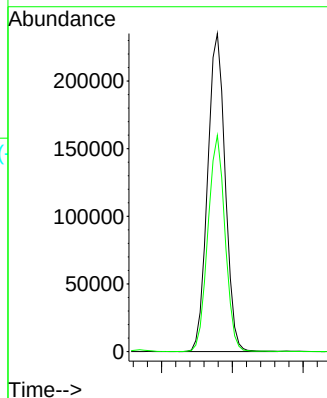
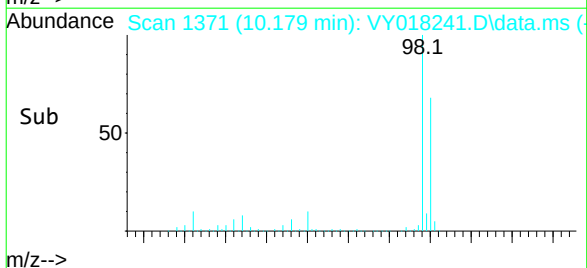
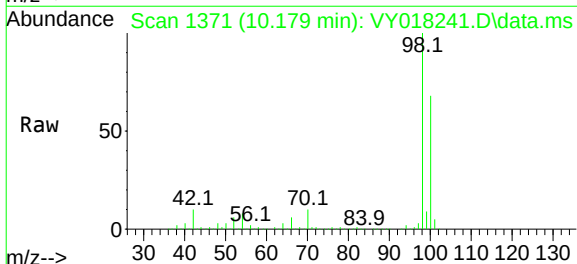
Manual Integrations
APPROVED

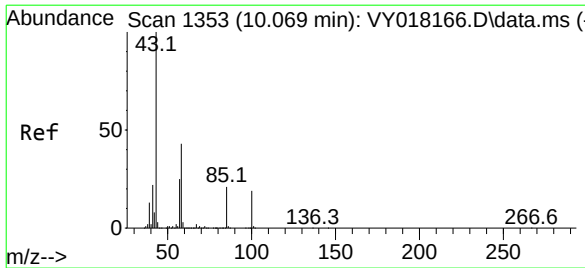
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#50
Toluene-d8
Concen: 55.409 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

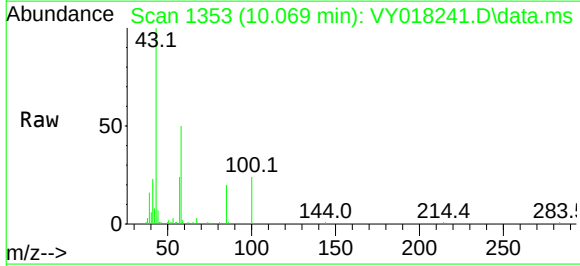
Tgt Ion: 98 Resp: 405654
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 9.814 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

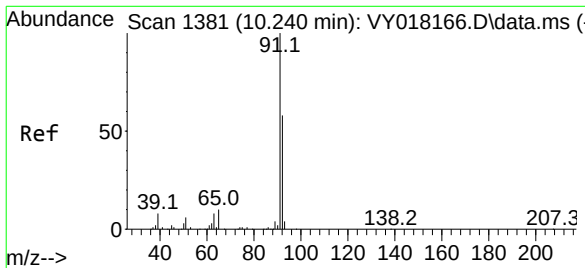
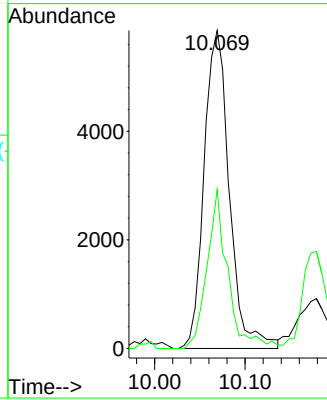
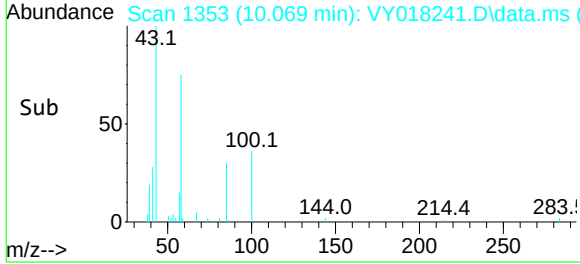
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



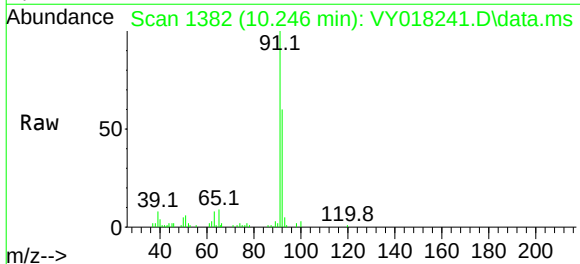
Tgt Ion: 43 Resp: 11334
Ion Ratio Lower Upper
43 100
58 41.2 35.7 53.5

Manual Integrations
APPROVED

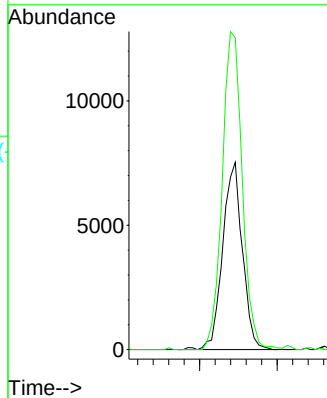
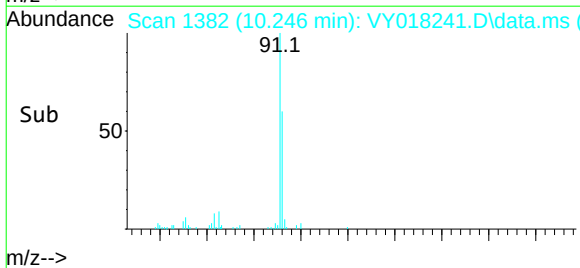
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

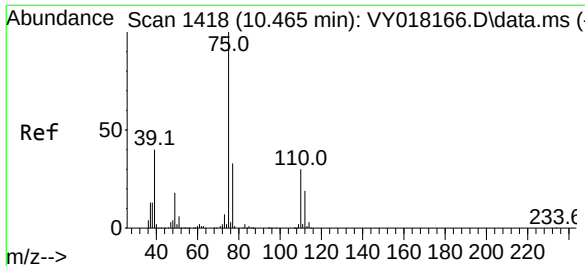


#52
Toluene
Concen: 2.410 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02



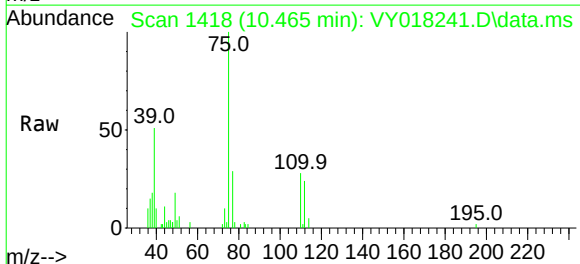
Tgt Ion: 92 Resp: 13290
Ion Ratio Lower Upper
92 100
91 172.9 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 2.106 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

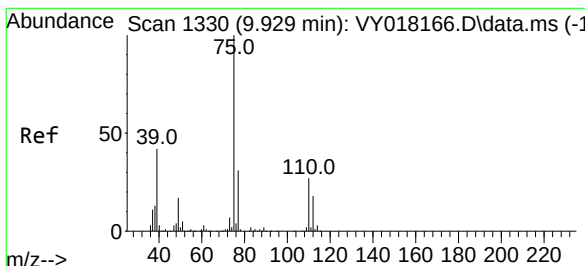
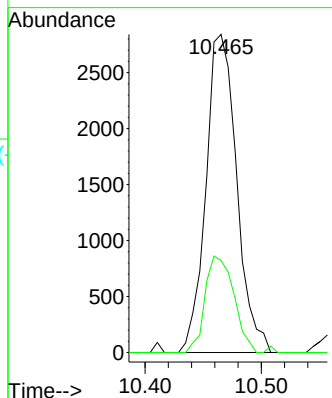
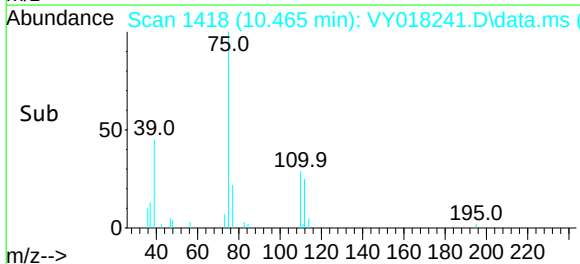
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 75 Resp: 5237
Ion Ratio Lower Upper
75 100
77 28.9 24.1 36.1

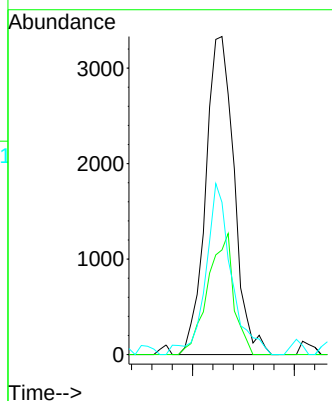
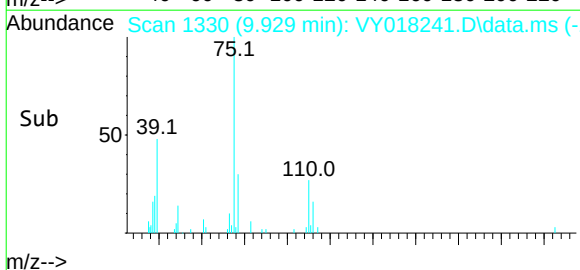
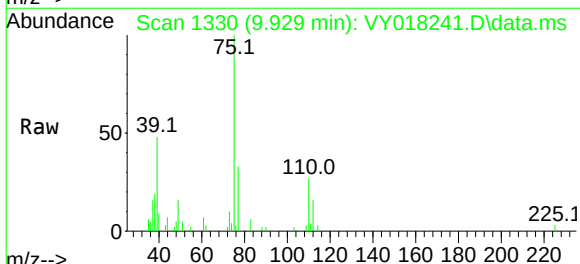
Manual Integrations
APPROVED

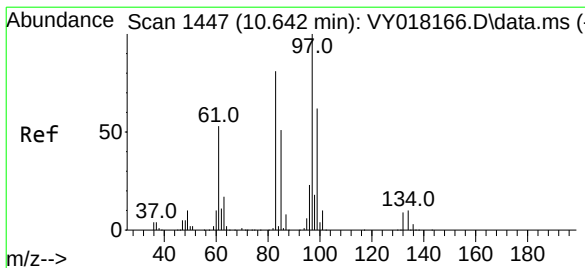
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
cis-1,3-Dichloropropene
Concen: 2.128 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion: 75 Resp: 6466
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 47.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 2.071 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018241.D

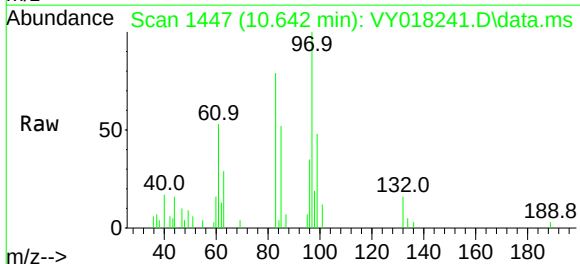
Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

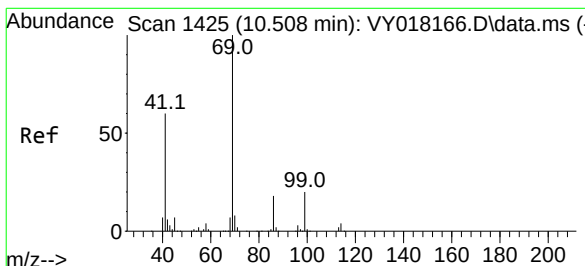
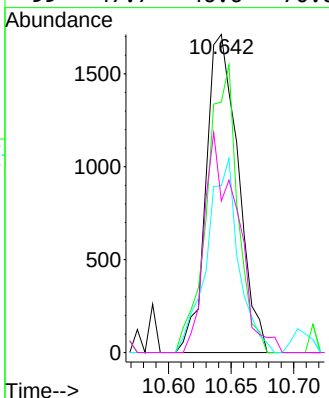
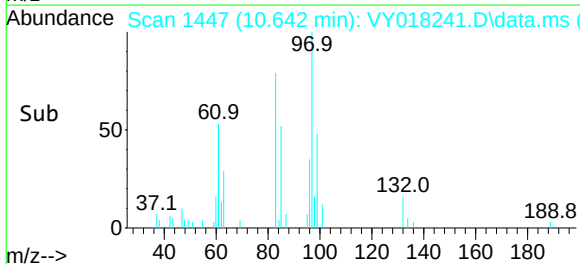
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:	97	Resp:	3064
Ion	Ratio	Lower	Upper
97	100		
83	78.7	67.5	101.3
85	52.4	42.9	64.3
99	47.7	46.6	70.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#56

Ethyl methacrylate

Concen: 1.759 ug/l

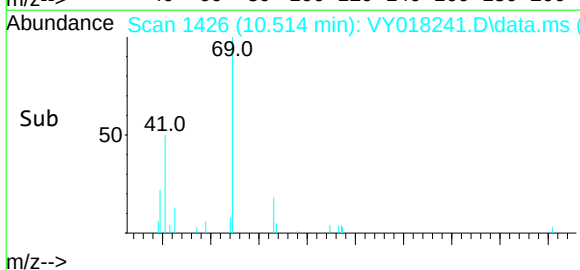
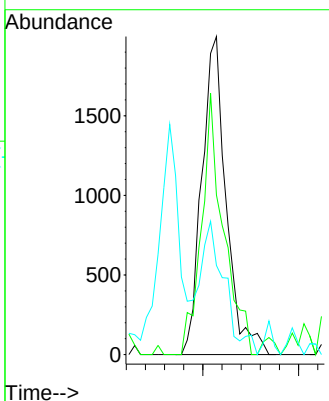
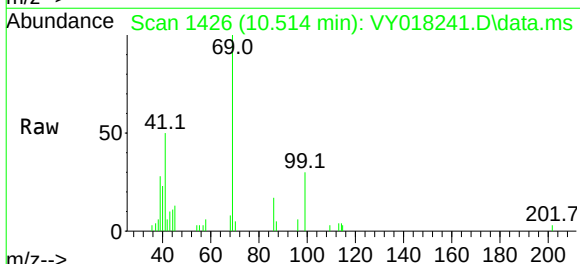
RT: 10.514 min Scan# 1426

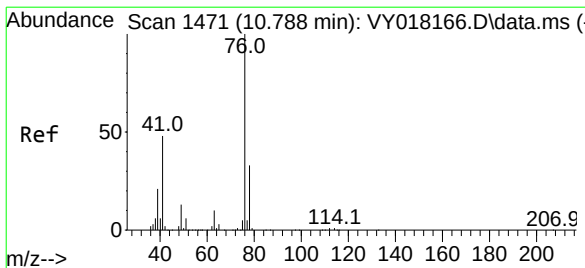
Delta R.T. 0.006 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Tgt Ion:	69	Resp:	3533
Ion	Ratio	Lower	Upper
69	100		
41	74.2	42.3	63.5#
39	44.1	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 1.965 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 76 Resp: 4731

Ion Ratio Lower Upper

76 100

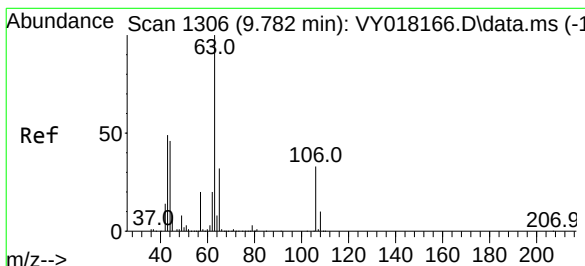
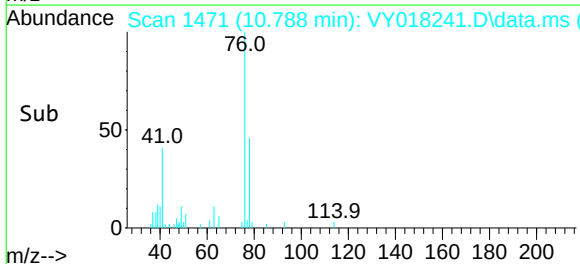
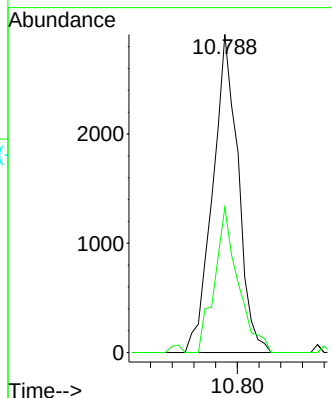
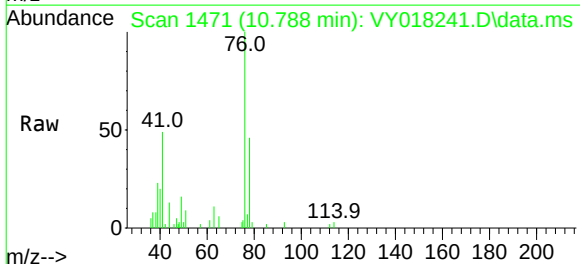
78 42.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 9.318 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018241.D

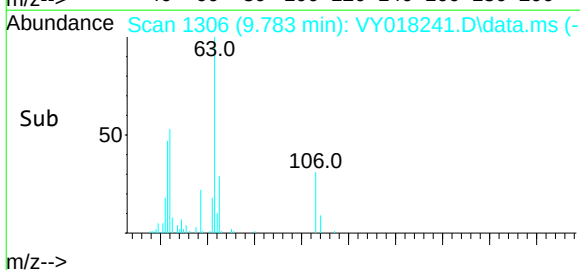
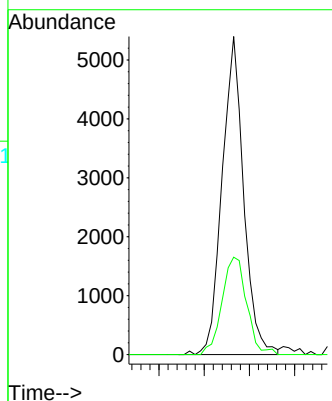
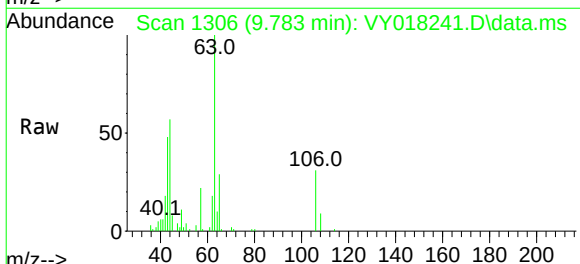
Acq: 13 May 2024 15:02

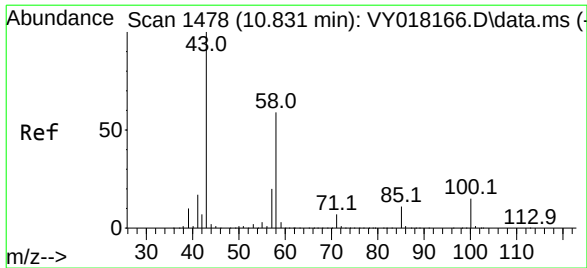
Tgt Ion: 63 Resp: 8938

Ion Ratio Lower Upper

63 100

106 35.0 23.7 35.5





#59

2-Hexanone

Concen: 8.881 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43 Resp: 7171

Ion Ratio Lower Upper

43 100

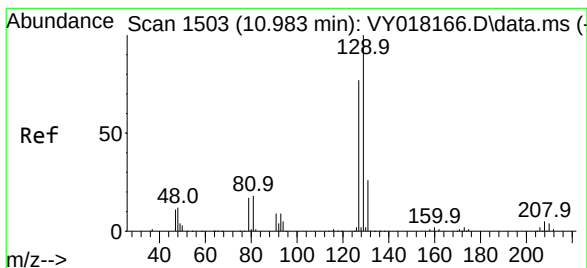
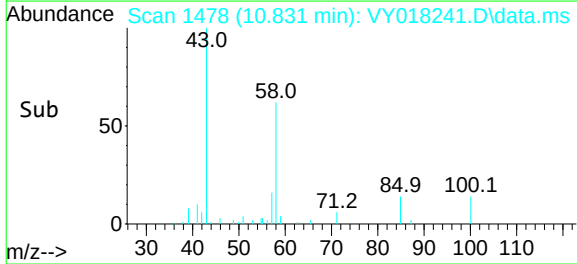
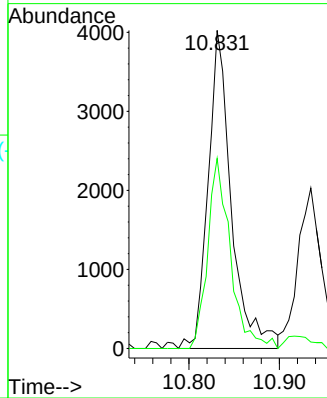
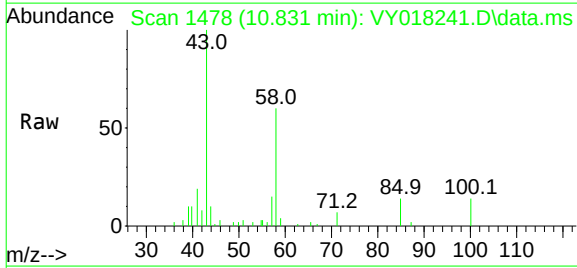
58 58.6 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#60

Dibromochloromethane

Concen: 1.975 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY018241.D

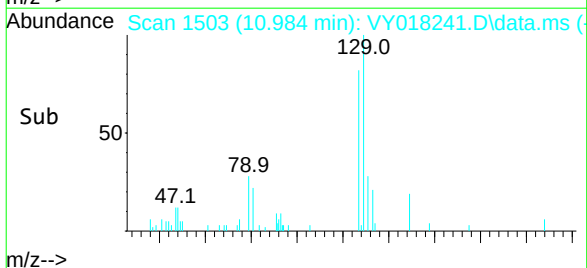
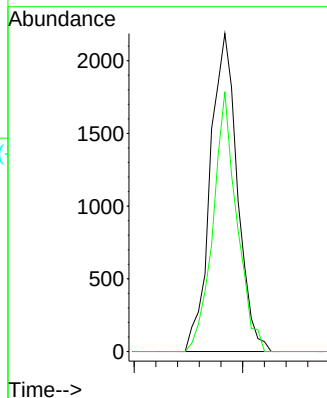
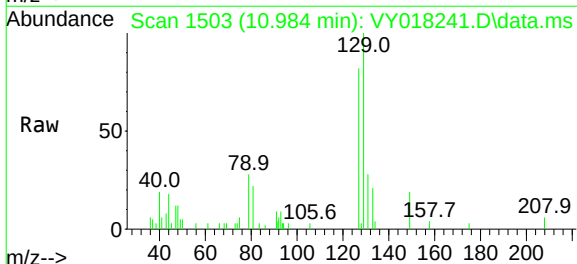
Acq: 13 May 2024 15:02

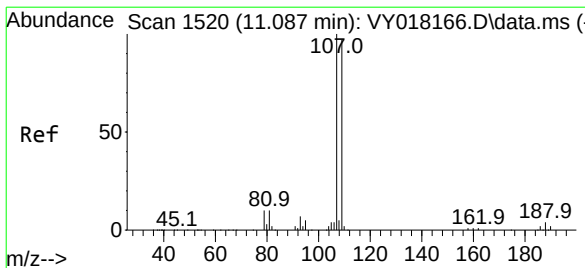
Tgt Ion:129 Resp: 3790

Ion Ratio Lower Upper

129 100

127 71.7 39.0 117.0





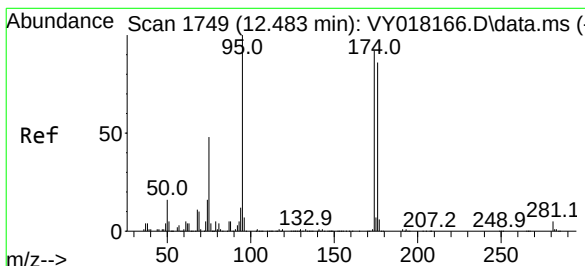
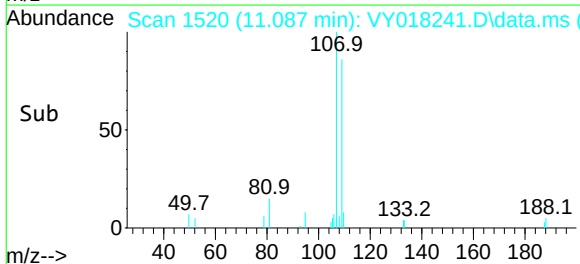
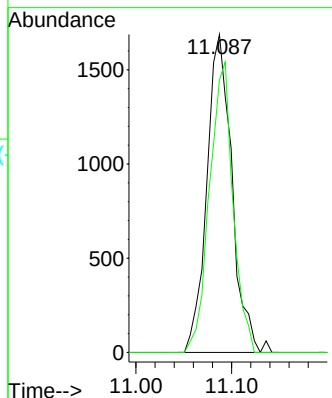
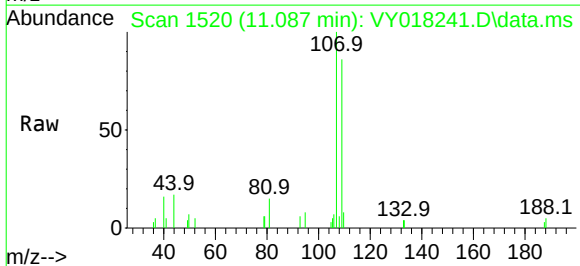
#61
1,2-Dibromoethane
Concen: 2.209 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 107 Resp: 3077
Ion Ratio Lower Upper
107 100
109 85.4 75.9 113.9

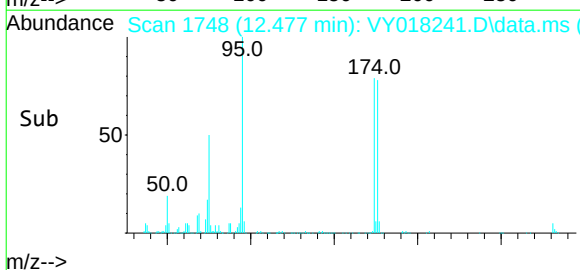
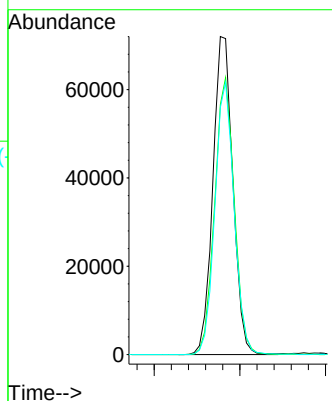
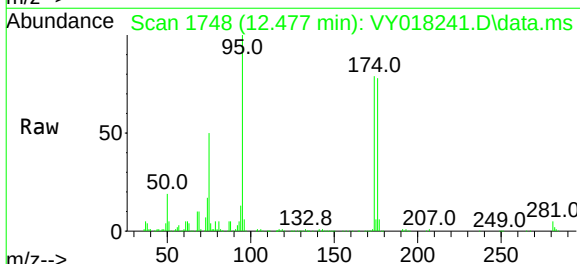
Manual Integrations
APPROVED

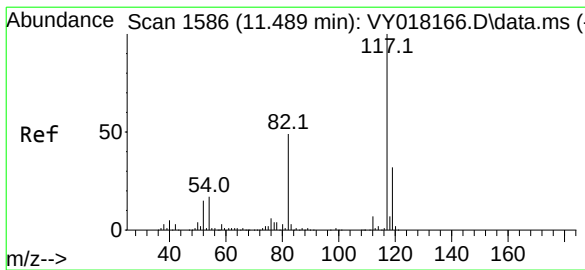
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
4-Bromofluorobenzene
Concen: 49.254 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

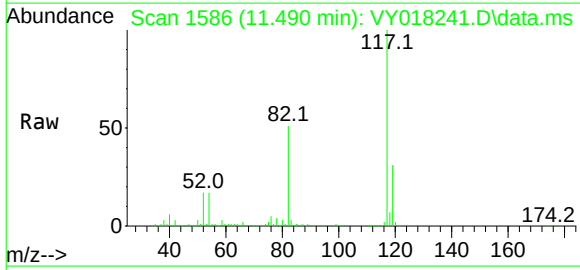
Tgt Ion: 95 Resp: 116451
Ion Ratio Lower Upper
95 100
174 85.5 0.0 175.6
176 82.4 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

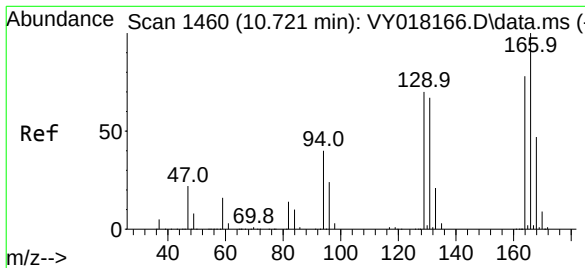
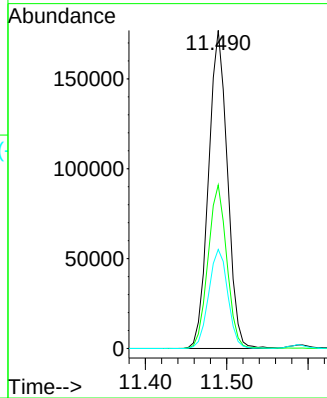
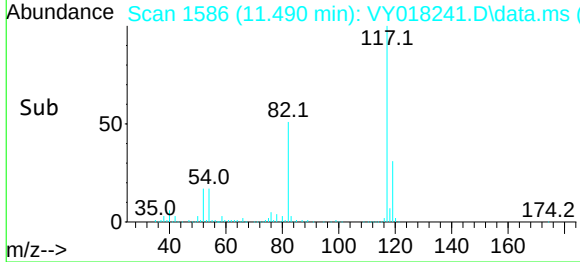
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



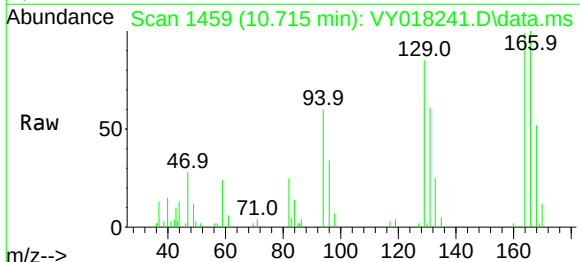
Tgt Ion:117 Resp: 285362
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.1 25.9 38.9

Manual Integrations
APPROVED

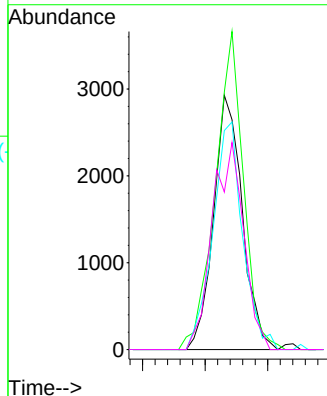
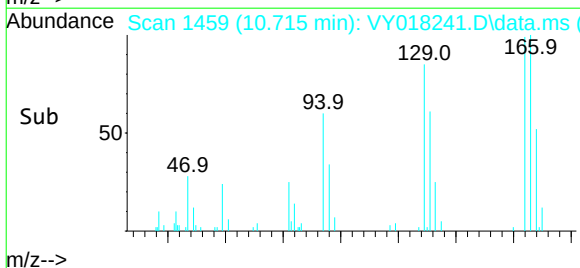
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

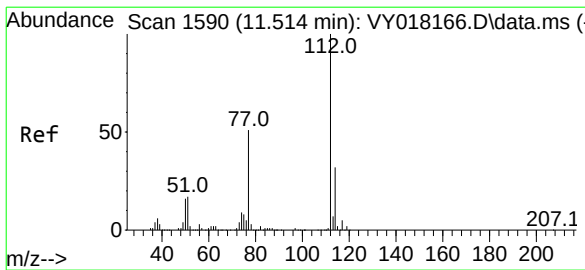


#64
Tetrachloroethene
Concen: 2.447 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02



Tgt Ion:164 Resp: 4649
Ion Ratio Lower Upper
164 100
166 101.3 102.6 154.0#
129 86.1 72.0 108.0
131 62.0 70.0 105.0#





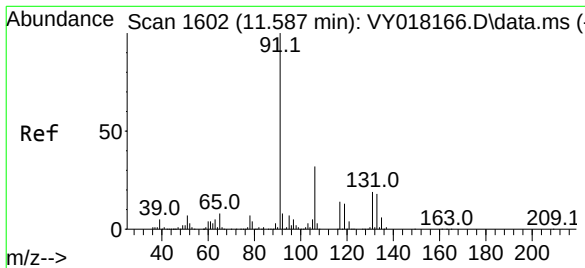
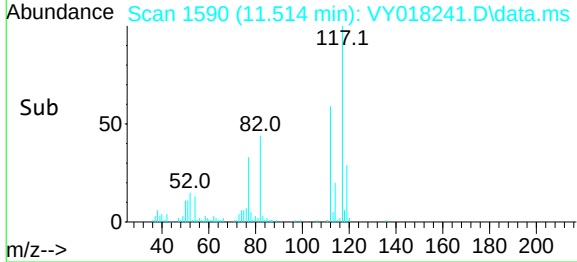
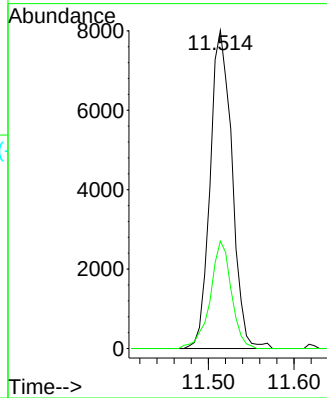
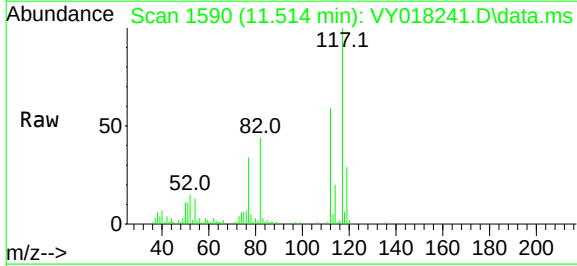
#65
Chlorobenzene
Concen: 2.440 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:112 Resp: 14183
Ion Ratio Lower Upper
112 100
114 33.8 26.4 39.6

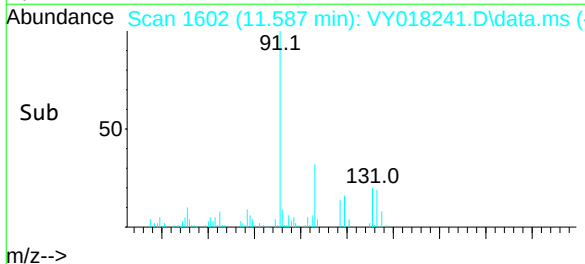
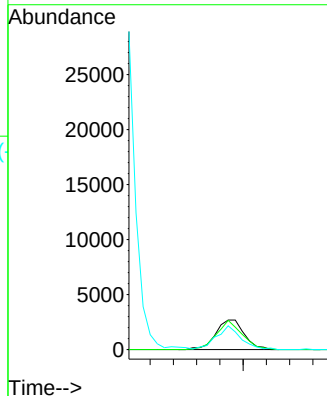
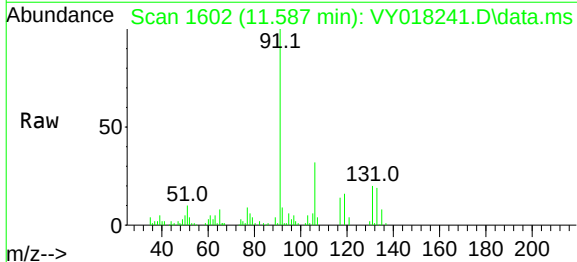
Manual Integrations
APPROVED

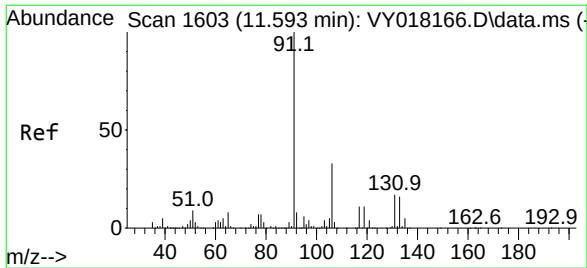
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.443 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion:131 Resp: 4593
Ion Ratio Lower Upper
131 100
133 88.6 47.8 143.3
119 69.4 34.1 102.2





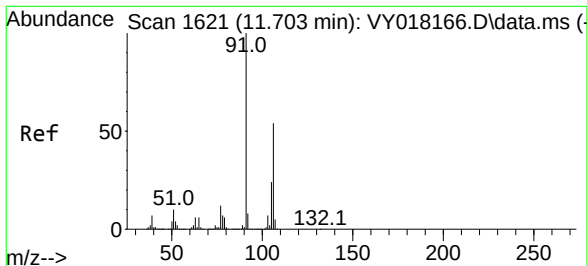
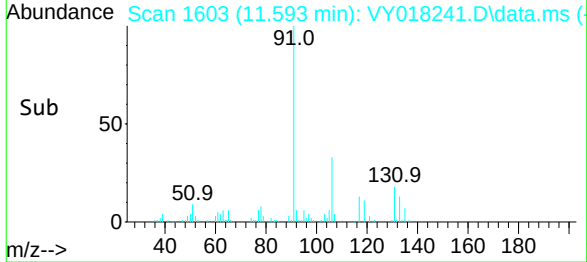
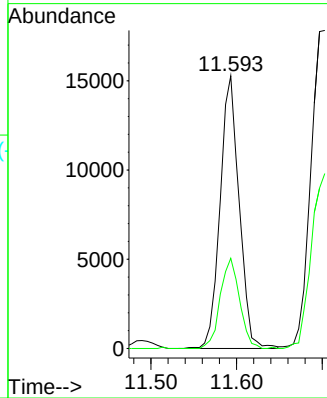
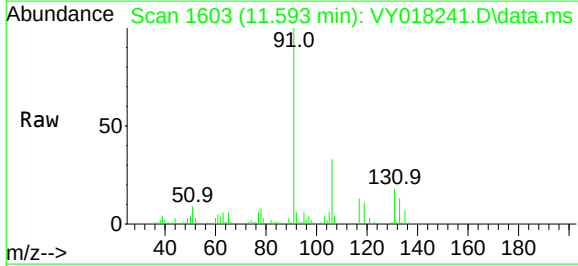
#67
Ethyl Benzene
Concen: 2.407 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 91 Resp: 23620
Ion Ratio Lower Upper
91 100
106 33.1 24.5 36.7

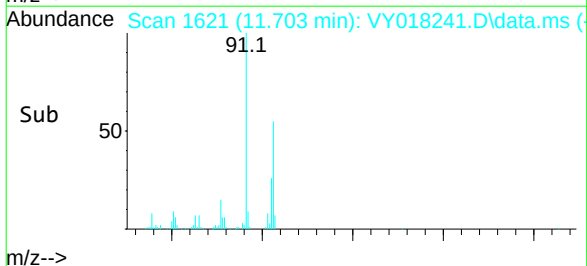
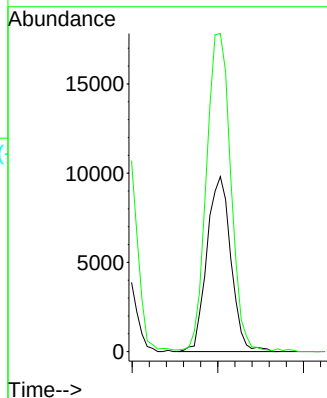
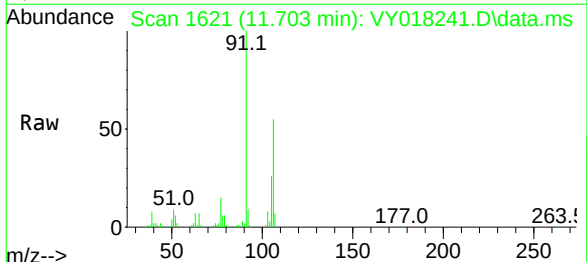
Manual Integrations
APPROVED

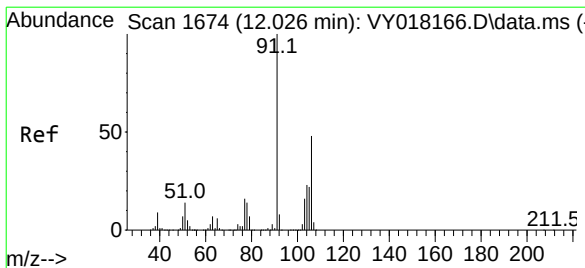
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#68
m/p-Xylenes
Concen: 4.918 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion:106 Resp: 19083
Ion Ratio Lower Upper
106 100
91 182.9 156.0 234.0





#69

o-Xylene

Concen: 2.286 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:106 Resp: 8514

Ion Ratio Lower Upper

106 100

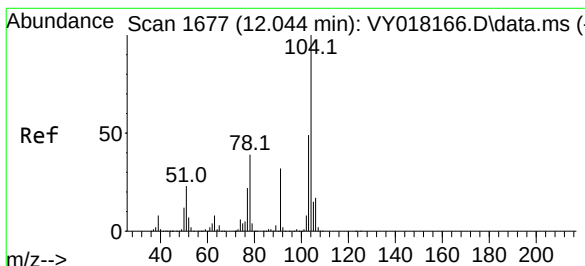
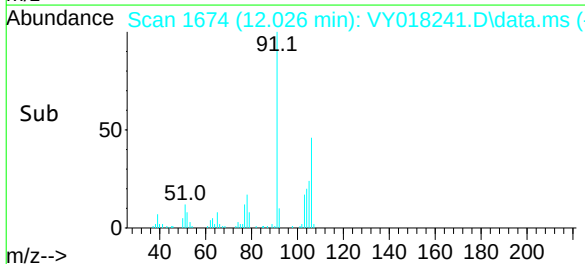
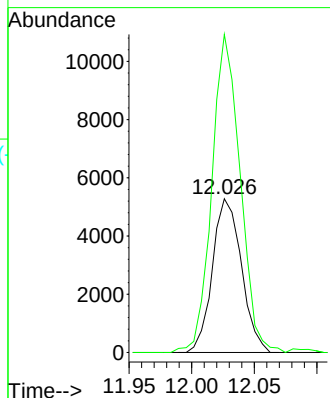
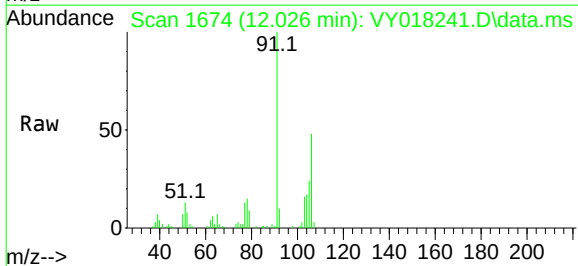
91 201.6 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#70

Styrene

Concen: 2.133 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

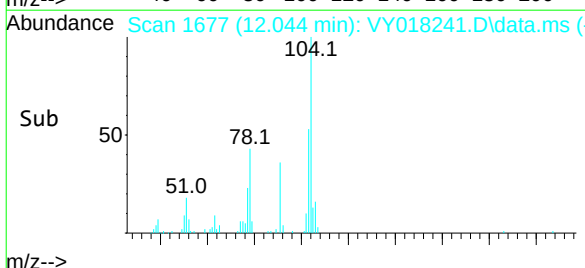
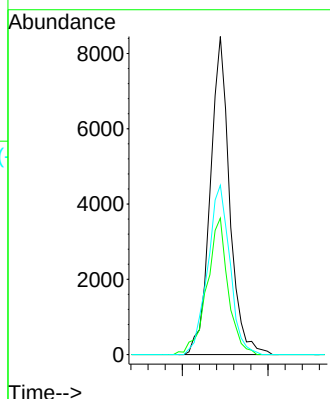
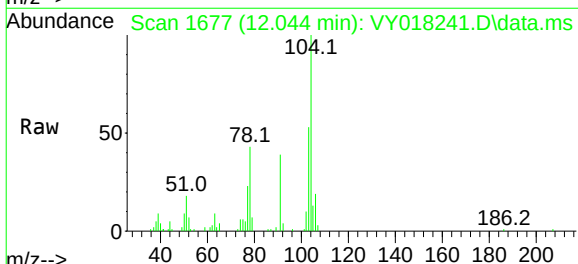
Tgt Ion:104 Resp: 13267

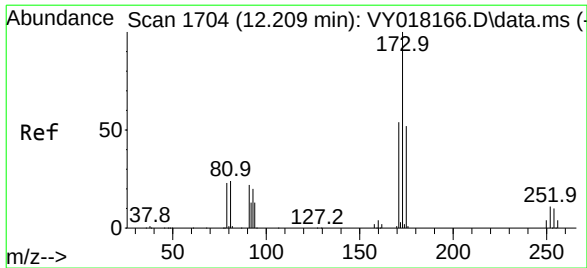
Ion Ratio Lower Upper

104 100

78 46.7 37.0 55.4

103 60.9 44.2 66.2





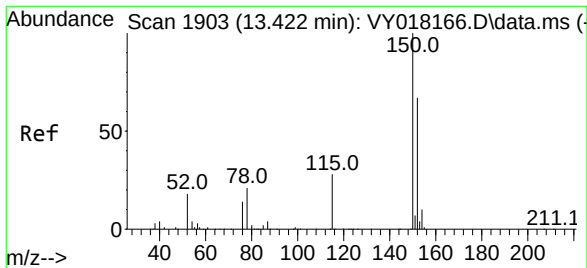
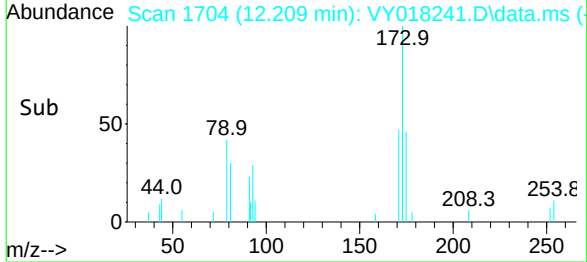
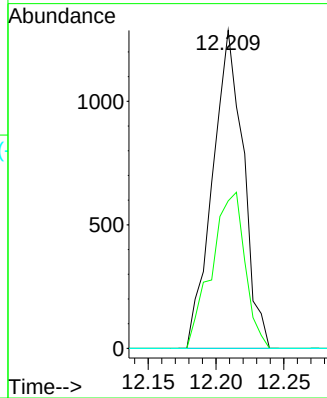
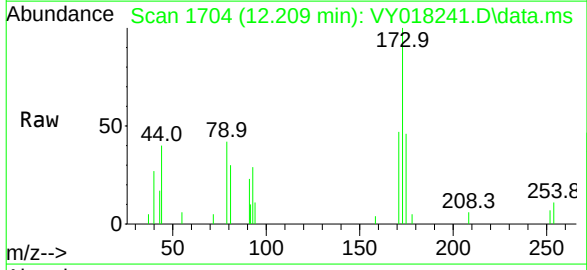
#71
Bromoform
Concen: 1.954 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	173	Resp:	2033
Ion Ratio	Lower	Upper	
173	100		
175	53.3	25.1	75.3
254	0.0	0.0	0.0

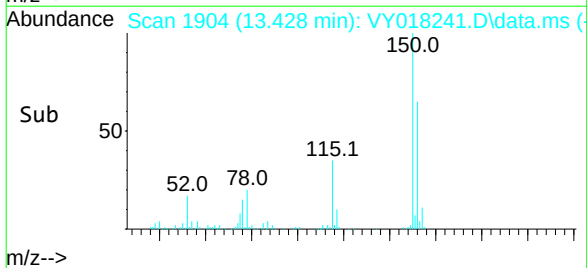
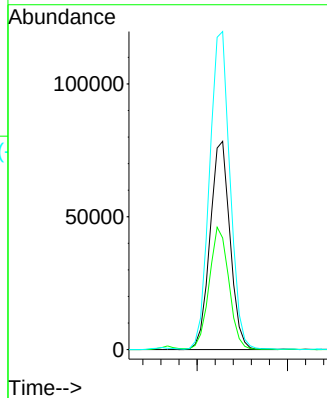
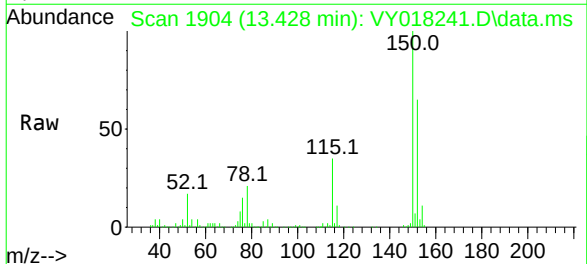
Manual Integrations
APPROVED

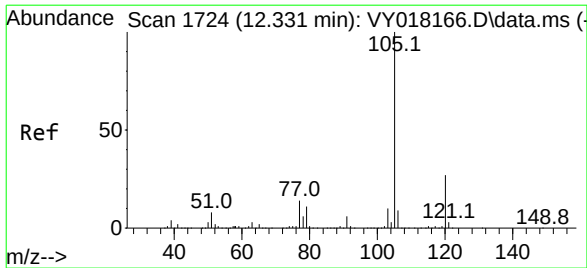
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion:	152	Resp:	120565
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.2	84.7
150	155.6	0.0	345.6





#73

Isopropylbenzene

Concen: 2.437 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

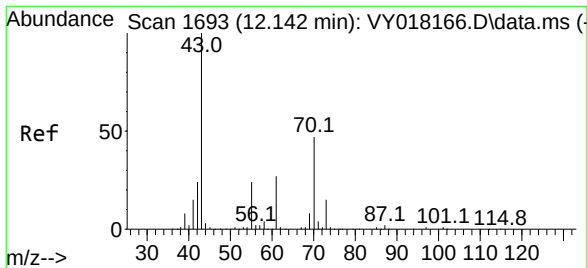
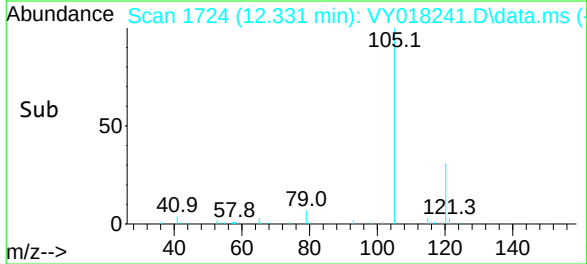
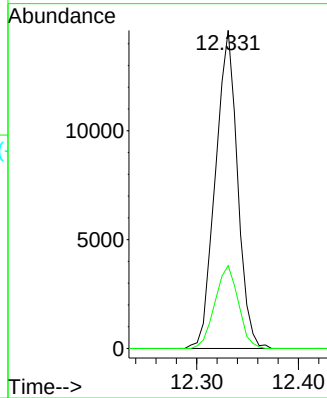
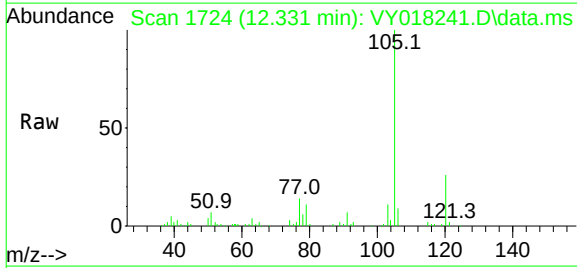
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	105	Resp:	22032
Ion Ratio	Lower	Upper	
105	100		
120	27.5	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#74

N-ethyl acetate

Concen: 2.179 ug/l

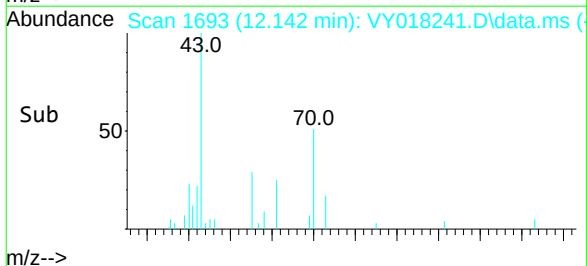
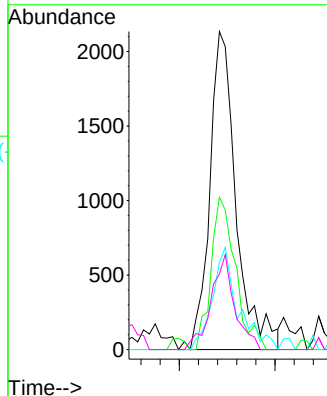
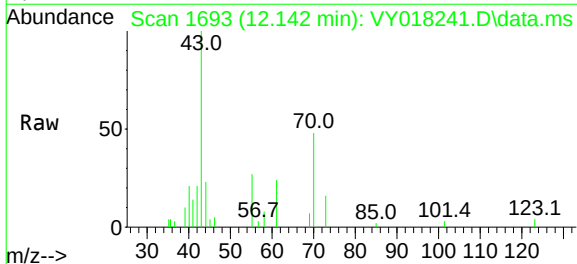
RT: 12.142 min Scan# 1693

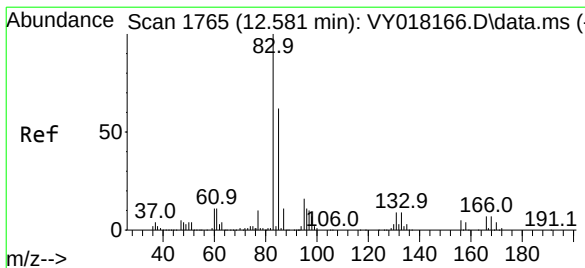
Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Tgt Ion:	43	Resp:	4088
Ion Ratio	Lower	Upper	
43	100		
70	44.3	41.4	62.2
55	31.3	23.3	34.9
61	26.6	22.6	33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 2.339 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

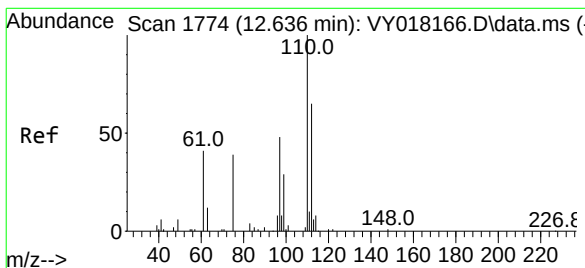
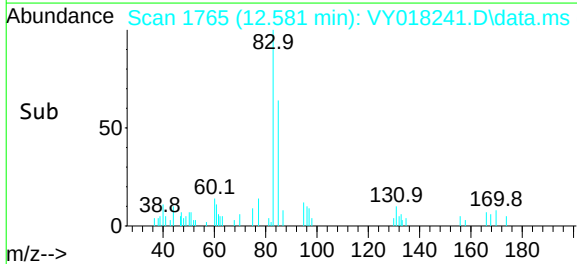
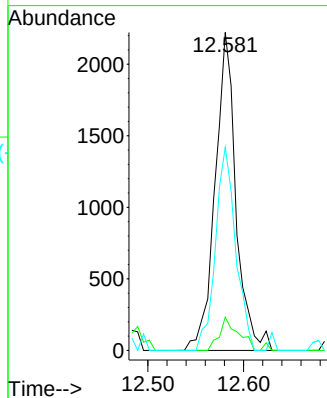
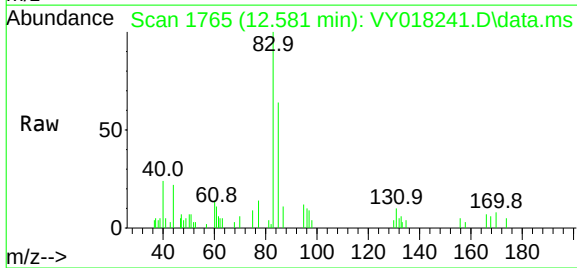
LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion: 83	Resp: 3373
Ion	Ratio	Lower Upper
83	100	
131	9.4	5.0 14.9
85	61.6	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#76

1,2,3-Trichloropropane

Concen: 2.244 ug/l m

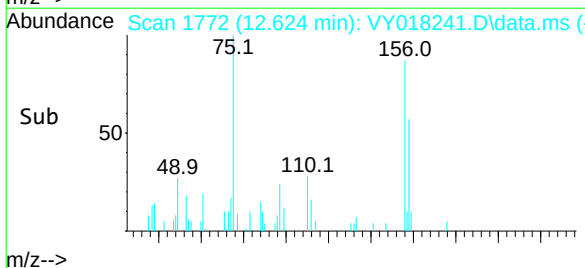
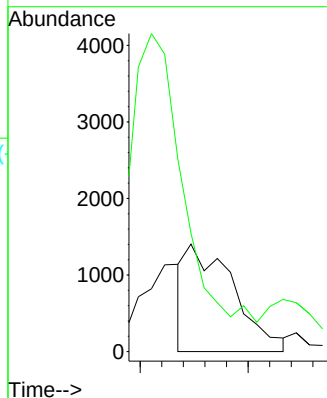
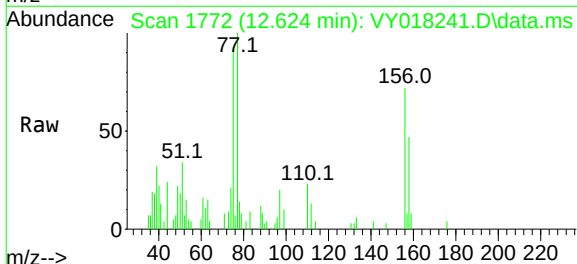
RT: 12.624 min Scan# 1772

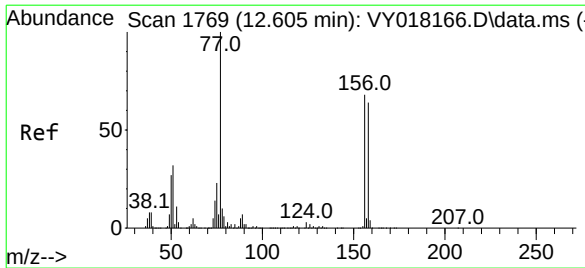
Delta R.T. -0.012 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Tgt	Ion: 75	Resp: 2166
Ion	Ratio	Lower Upper
75	100	
77	364.8	0.0 0.0#





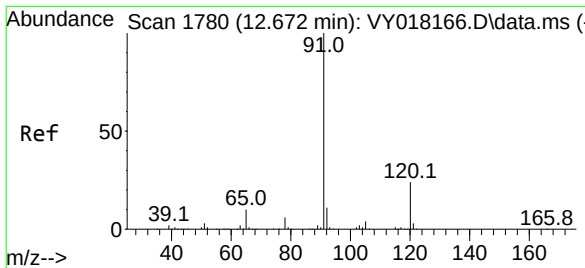
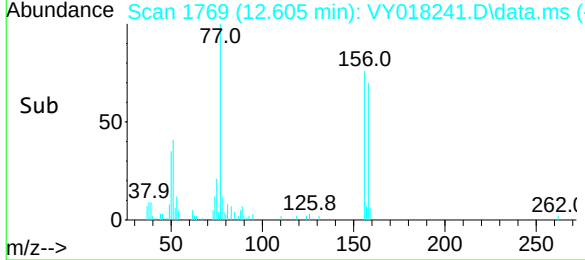
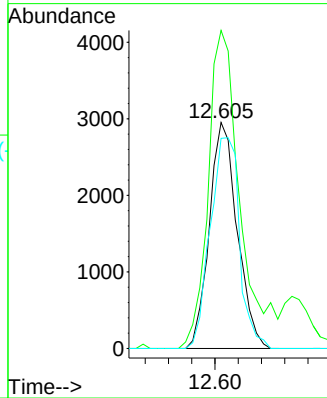
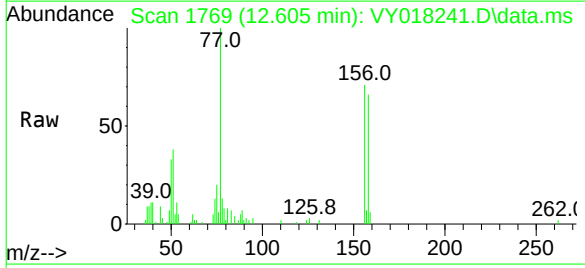
#77
Bromobenzene
Concen: 2.367 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	156	Resp:	4916
Ion Ratio	Lower	Upper	
156	100		
77	160.7	87.1	261.3
158	97.9	48.6	145.9

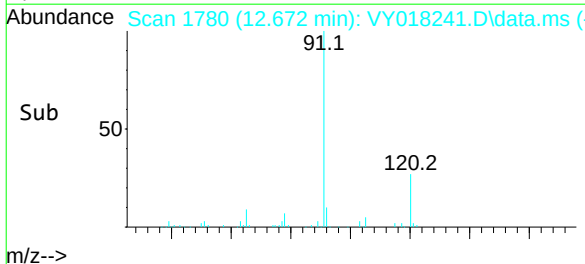
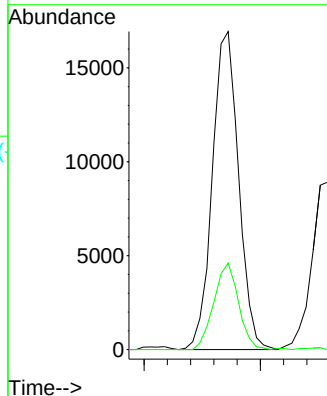
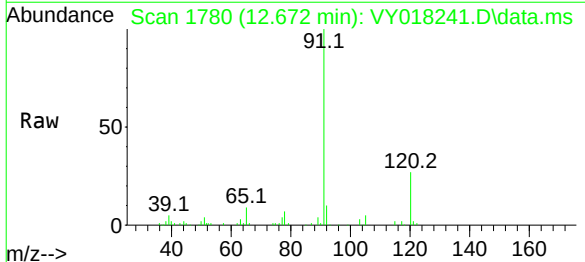
Manual Integrations
APPROVED

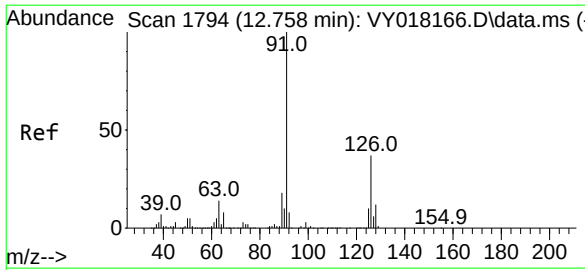
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#78
n-propylbenzene
Concen: 2.524 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion:	91	Resp:	26541
Ion Ratio	Lower	Upper	
91	100		
120	25.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 2.447 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 91 Resp: 14298

Ion Ratio Lower Upper

91 100

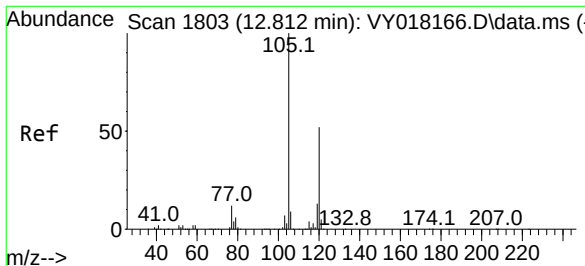
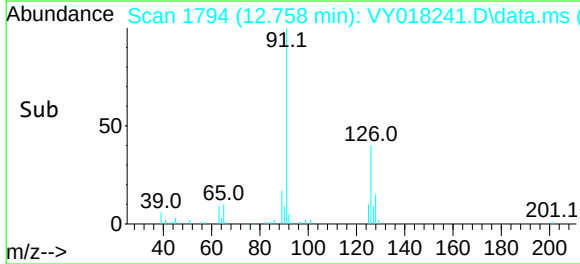
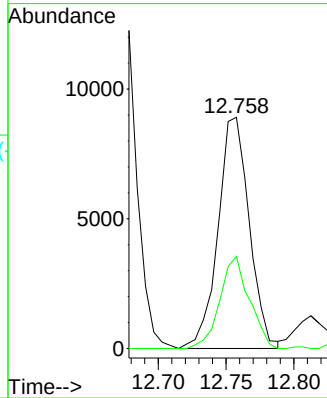
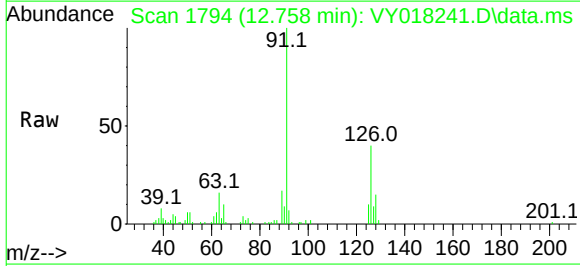
126 37.5 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 2.480 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018241.D

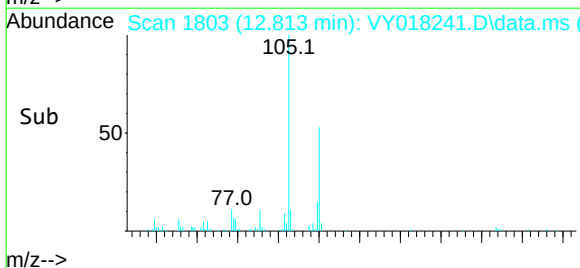
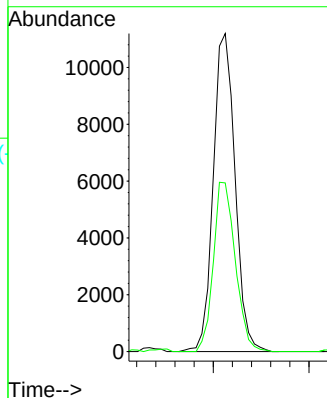
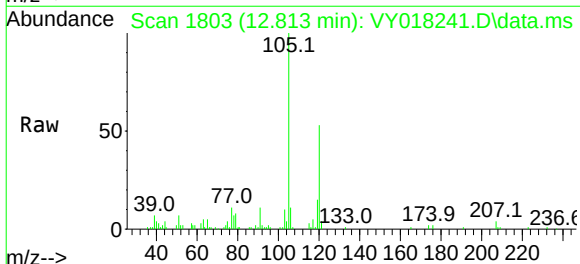
Acq: 13 May 2024 15:02

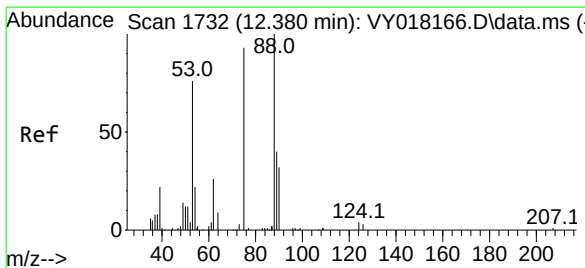
Tgt Ion:105 Resp: 17678

Ion Ratio Lower Upper

105 100

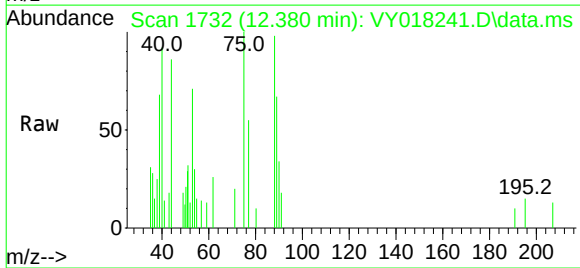
120 53.7 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.046 ug/l m
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

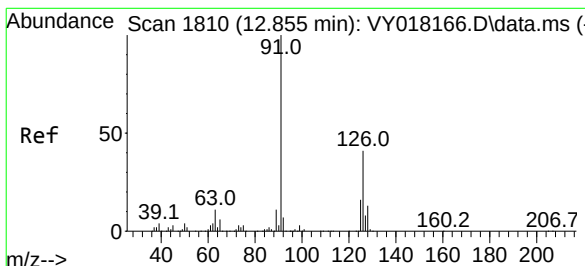
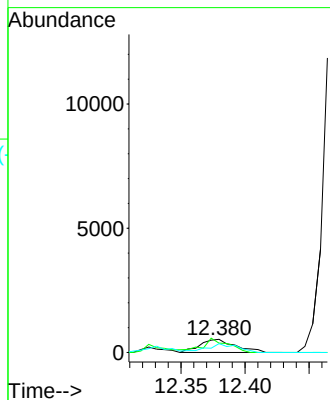
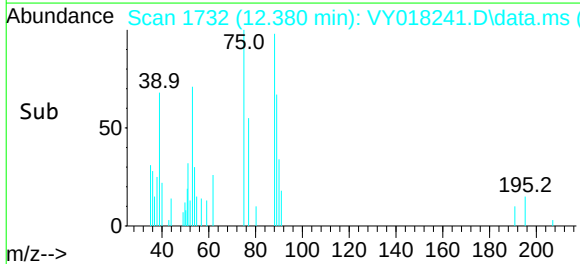
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 75 Resp: 1025
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 9.6 35.8 53.6#

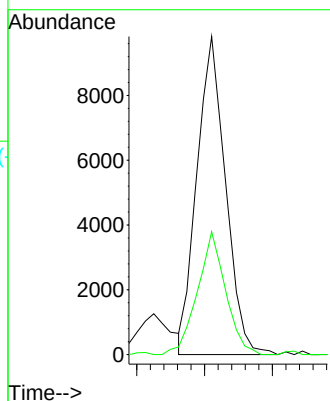
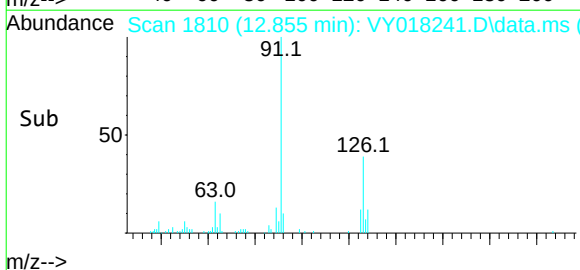
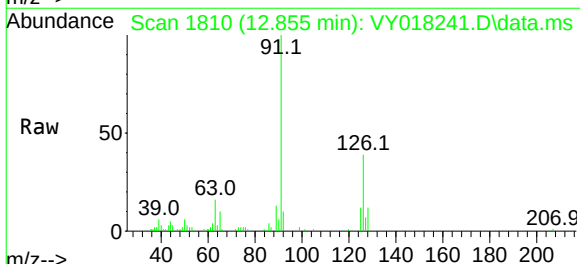
Manual Integrations
APPROVED

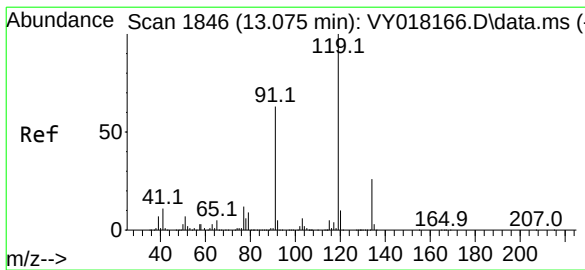
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#82
4-Chlorotoluene
Concen: 2.457 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion: 91 Resp: 14420
Ion Ratio Lower Upper
91 100
126 37.9 17.6 52.9





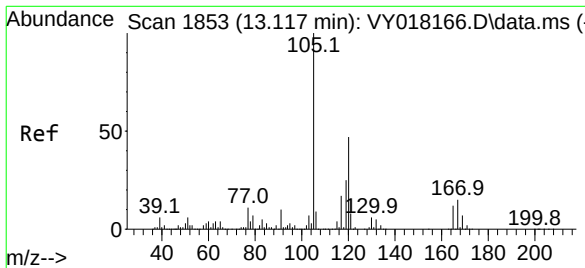
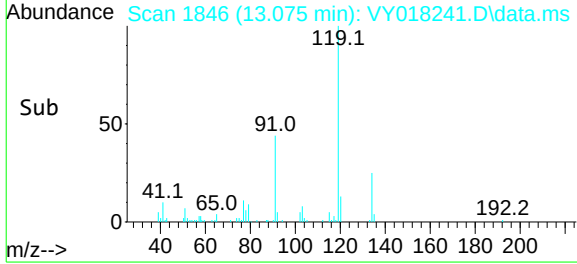
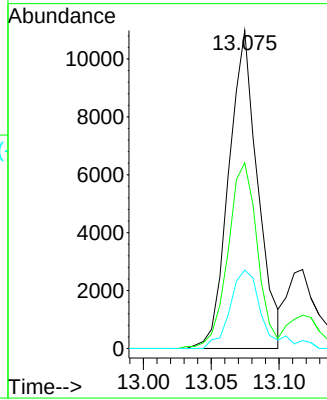
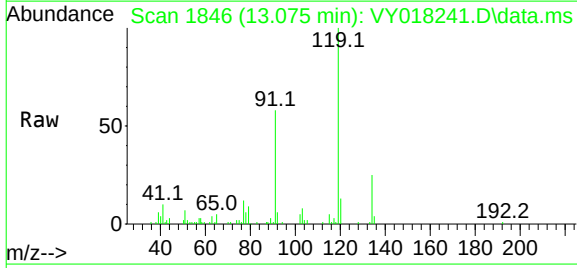
#83
tert-Butylbenzene
Concen: 2.483 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	119	Resp:	16328
Ion Ratio	Lower	Upper	
119	100		
91	59.1	31.3	93.8
134	27.5	13.4	40.1

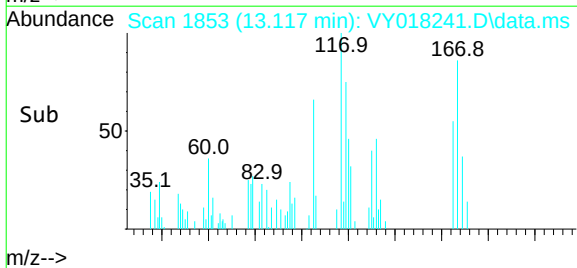
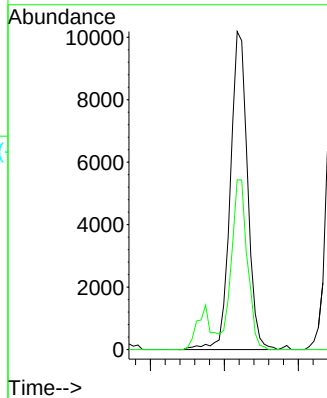
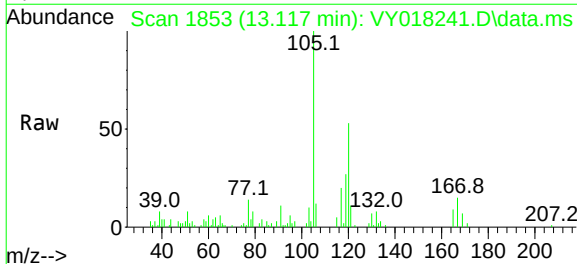
Manual Integrations
APPROVED

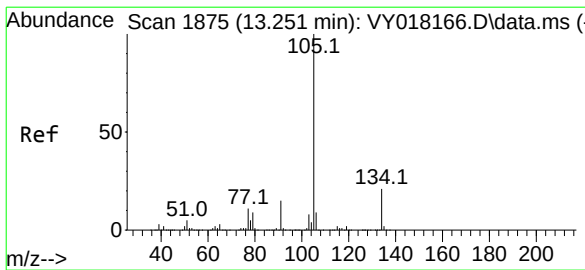
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 2.359 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion:	105	Resp:	16473
Ion Ratio	Lower	Upper	
105	100		
120	49.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 2.471 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:105 Resp: 23826

Ion Ratio Lower Upper

105 100

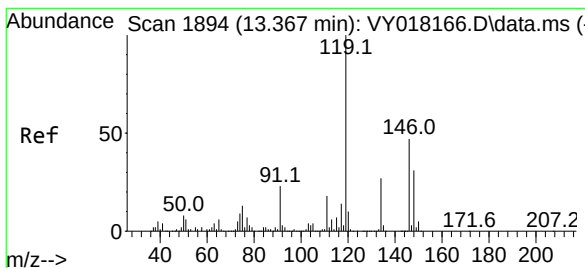
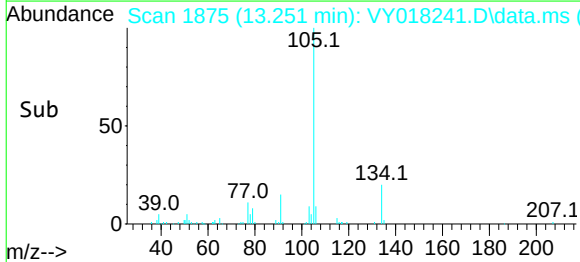
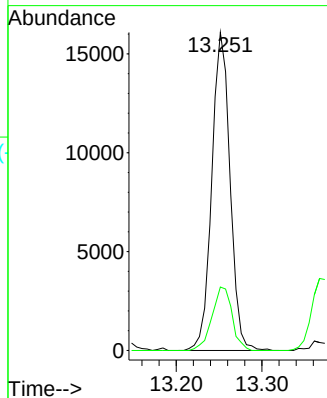
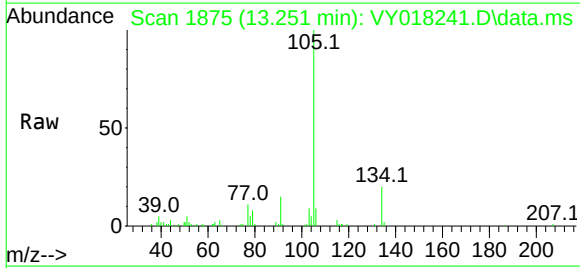
134 22.0 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#86

p-Isopropyltoluene

Concen: 2.367 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

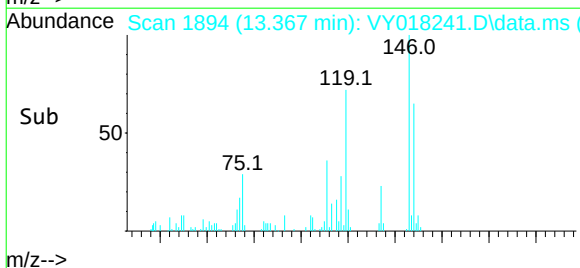
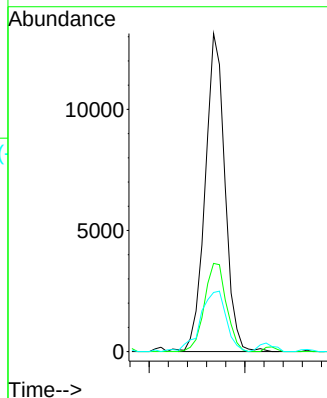
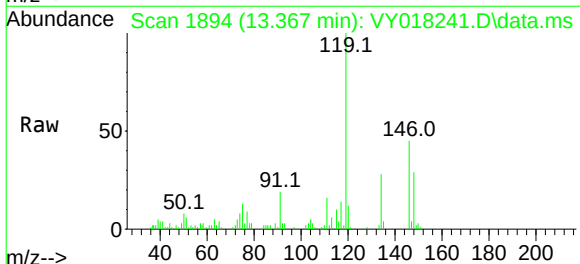
Tgt Ion:119 Resp: 18779

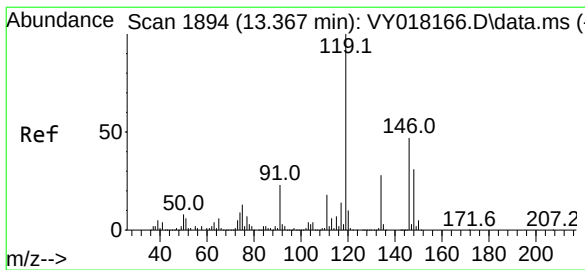
Ion Ratio Lower Upper

119 100

134 30.9 13.1 39.3

91 25.1 10.7 32.1





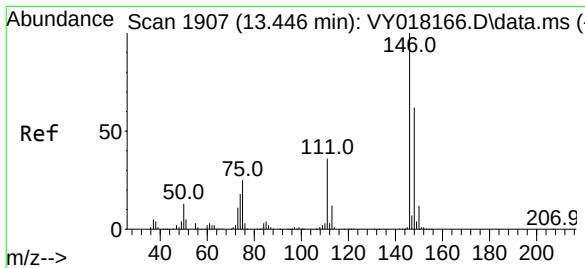
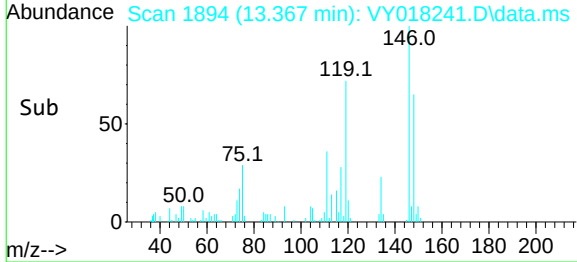
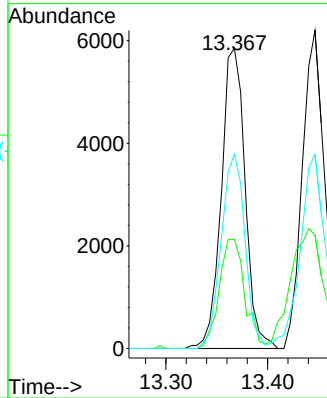
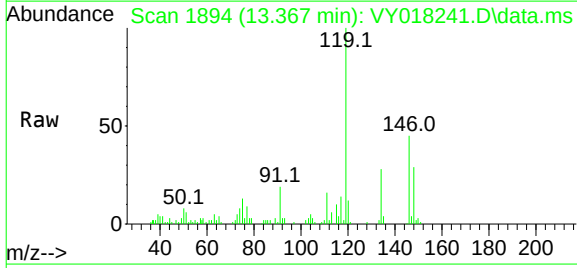
#87
1,3-Dichlorobenzene
Concen: 2.372 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion	146	Resp:	9513
Ion	Ratio	Lower	Upper	
146	100			
111	39.2	19.0	57.0	
148	64.5	31.7	95.1	

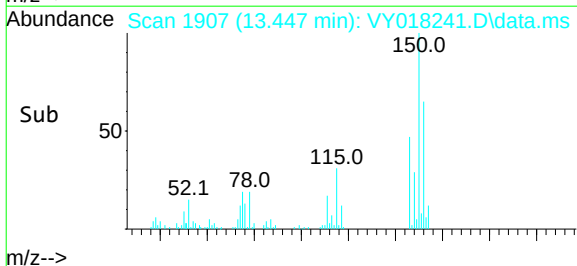
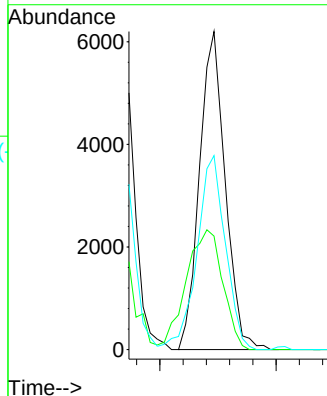
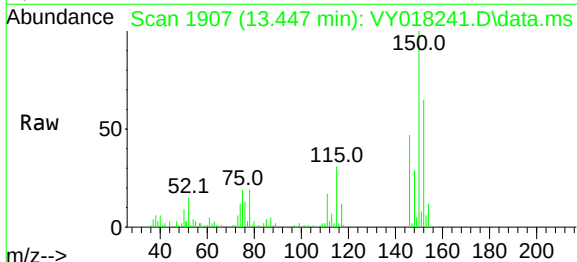
Manual Integrations
APPROVED

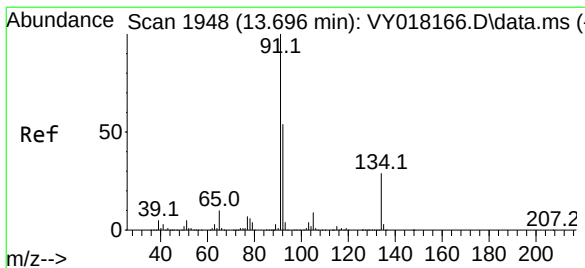
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#88
1,4-Dichlorobenzene
Concen: 2.438 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt	Ion	146	Resp:	9532
Ion	Ratio	Lower	Upper	
146	100			
111	53.6	18.4	55.4	
148	67.4	32.4	97.2	





#89

n-Butylbenzene

Concen: 2.436 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

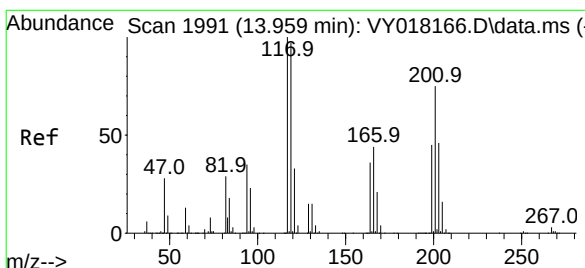
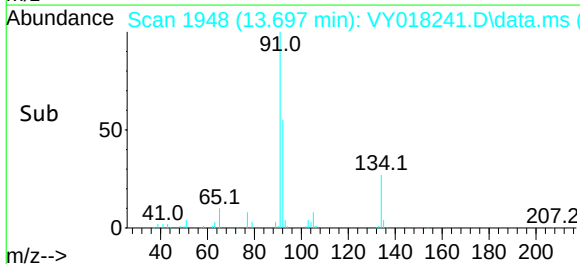
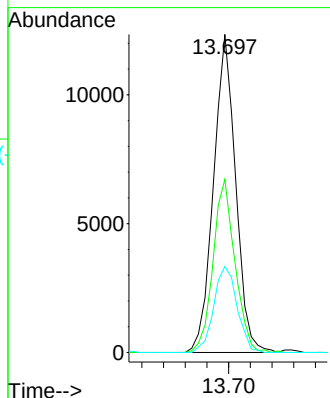
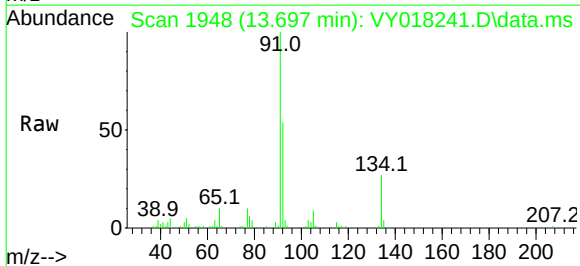
LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion:	91	Resp:	17491
Ion	Ratio	Lower	Upper	
91	100			
92	53.8	26.6	79.7	
134	28.5	12.9	38.7	

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#90

Hexachloroethane

Concen: 2.139 ug/l

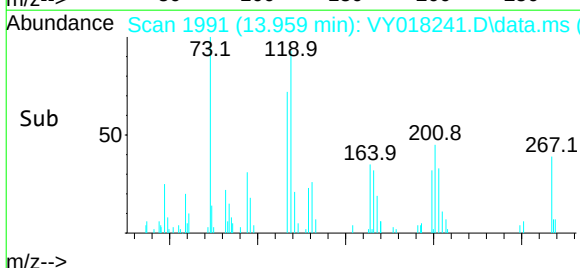
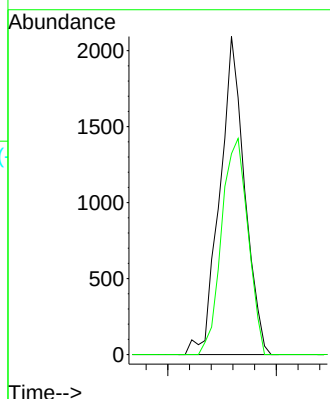
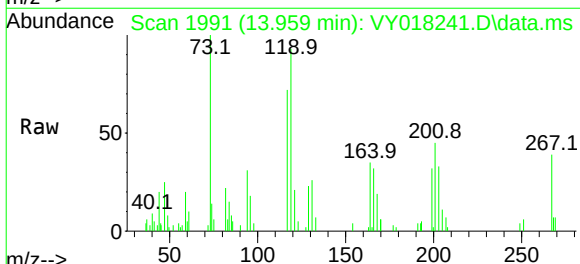
RT: 13.959 min Scan# 1991

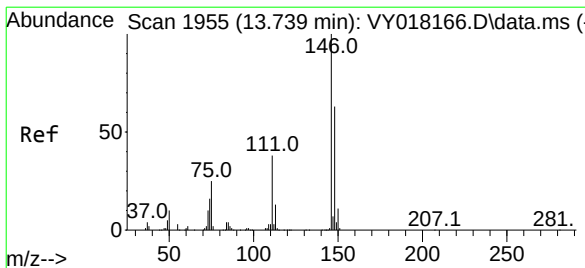
Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Tgt	Ion:	117	Resp:	3329
Ion	Ratio	Lower	Upper	
117	100			
201	72.0	37.4	112.2	





#91

1,2-Dichlorobenzene

Concen: 2.225 ug/l

RT: 13.739 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

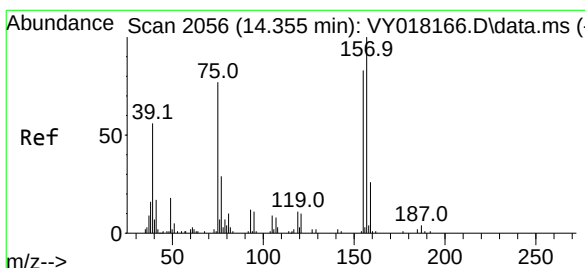
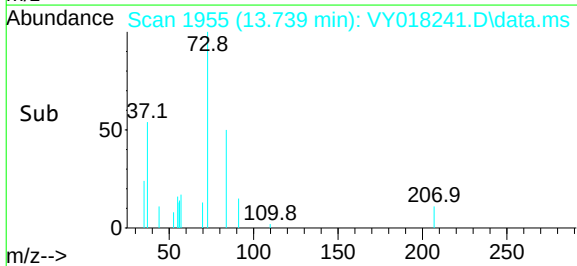
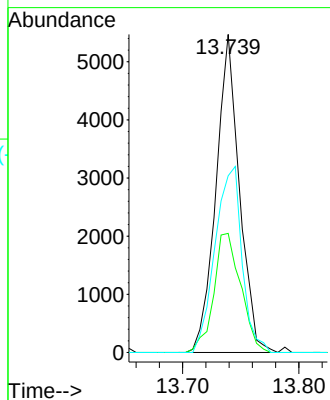
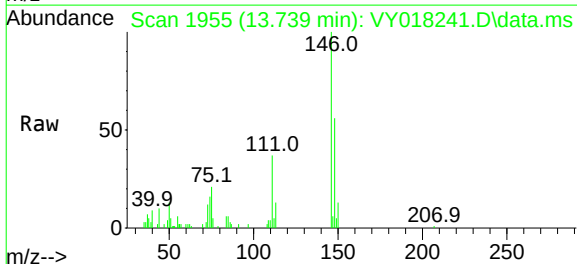
LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion:146	Resp:	7671
Ion	Ratio	Lower	Upper
146	100		
111	43.1	19.9	59.7
148	67.1	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.669 ug/l

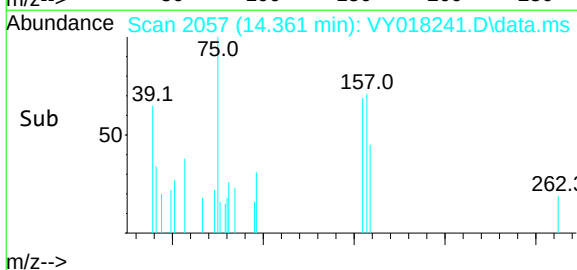
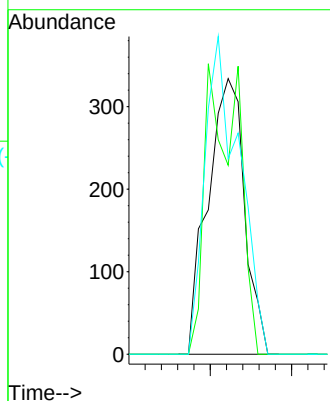
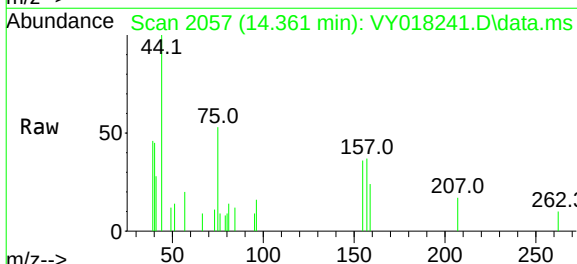
RT: 14.361 min Scan# 2057

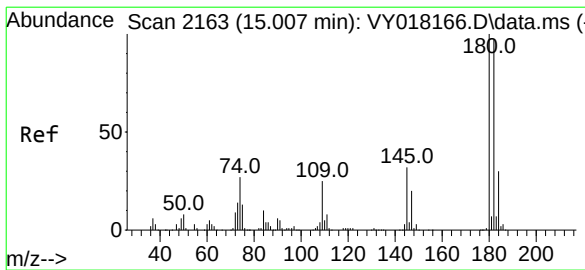
Delta R.T. 0.006 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

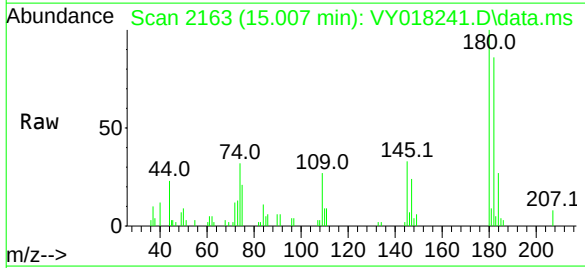
Tgt	Ion: 75	Resp:	524
Ion	Ratio	Lower	Upper
75	100		
155	94.3	48.6	145.8
157	107.6	62.7	188.2





#93
1,2,4-Trichlorobenzene
Concen: 2.232 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

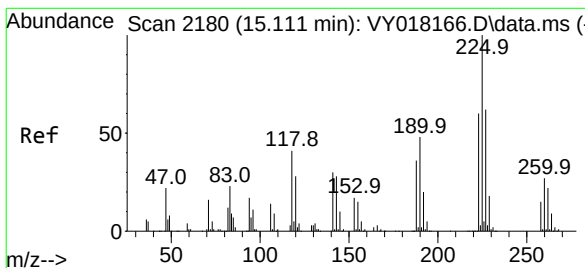
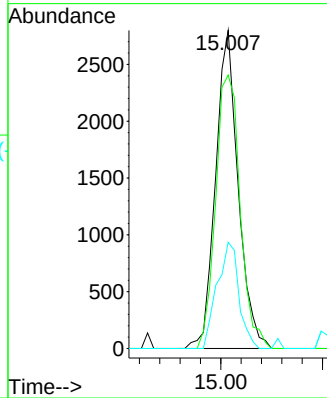
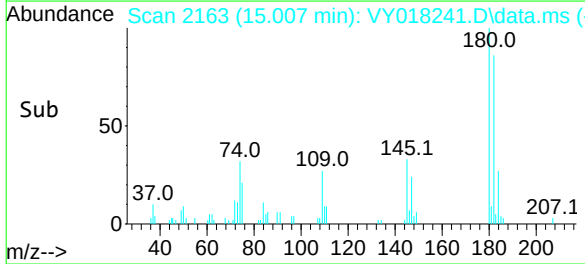
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.9	143.8
145	32.1	14.2	42.6

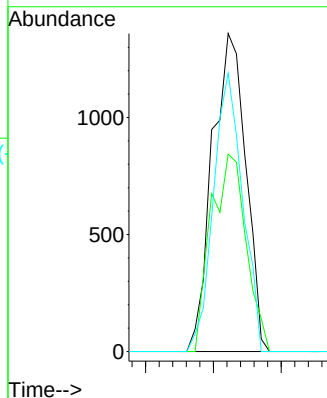
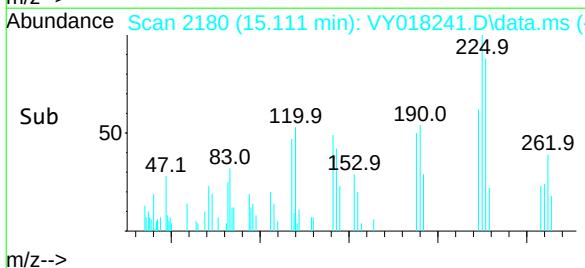
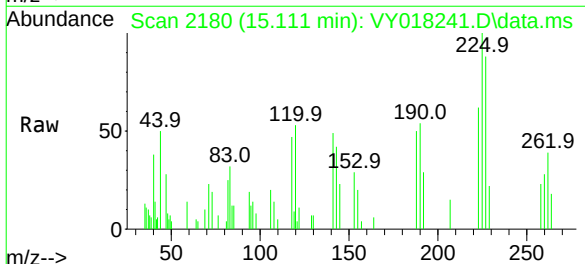
Manual Integrations
APPROVED

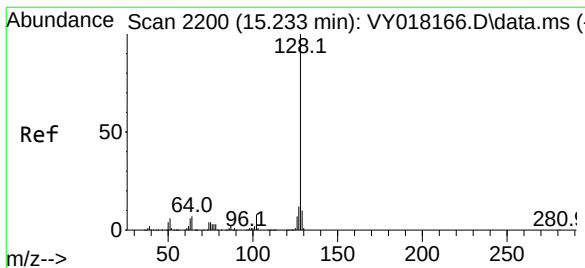
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#94
Hexachlorobutadiene
Concen: 2.179 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY018241.D
Acq: 13 May 2024 15:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.4	91.2
227	76.4	31.9	95.9





#95

Naphthalene

Concen: 2.194 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Instrument :

MSVOA_Y

ClientSampleId :

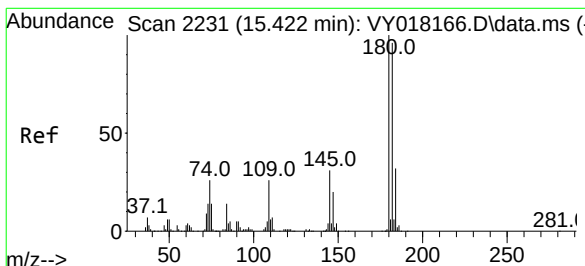
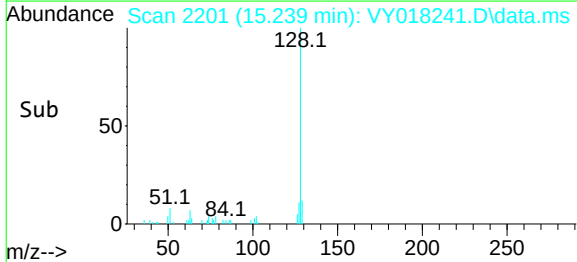
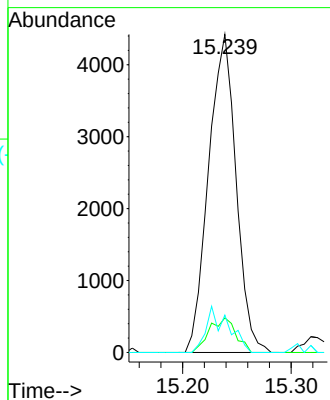
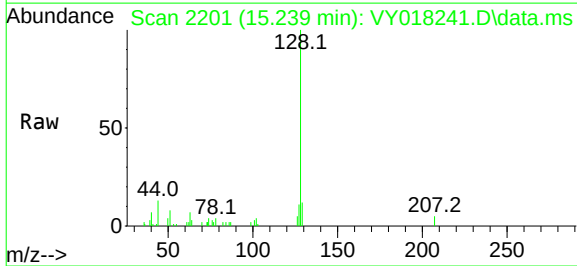
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	128	Resp:	7792
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.6	16.0
129	11.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.093 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018241.D

Acq: 13 May 2024 15:02

Tgt Ion:	180	Resp:	3329
Ion	Ratio	Lower	Upper
180	100		
182	106.7	47.6	142.9
145	36.6	15.4	46.1

