

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078942.D
 Acq On : 16 May 2024 12:18
 Operator : RP/MD
 Sample : P2403-03 2.5 PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: May 17 06:59:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 06:53:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/17/2024
 Supervised By : Mahesh Dadoda 05/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	103224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	183284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60863	62.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.720%			
35) Dibromofluoromethane	7.810	113	71490	58.595	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.200%			
50) Toluene-d8	10.269	98	257894	56.385	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.760%			
62) 4-Bromofluorobenzene	12.575	95	67708	52.695	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	2381	2.469	ug/l	86
3) Chloromethane	2.152	50	4010	2.727	ug/l	99
4) Vinyl Chloride	2.287	62	6444	2.898	ug/l	98
5) Bromomethane	2.693	94	6800	3.165	ug/l	95
6) Chloroethane	2.846	64	5169	2.800	ug/l	92
7) Trichlorofluoromethane	3.181	101	4793	2.371	ug/l	97
8) Diethyl Ether	3.593	74	1268	2.499	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	3045	2.852	ug/l #	59
10) Methyl Iodide	4.158	142	2936	2.302	ug/l #	91
11) Tert butyl alcohol	5.075	59	312	6.762	ug/l #	86
12) 1,1-Dichloroethene	3.952	96	2764	2.645	ug/l #	56
13) Acrolein	3.811	56	1171	12.149	ug/l	89
14) Allyl chloride	4.563	41	2491	2.443	ug/l	92
15) Acrylonitrile	5.263	53	2576m	13.764	ug/l	
16) Acetone	4.016	43	2054	13.305	ug/l #	84
17) Carbon Disulfide	4.281	76	8306	2.471	ug/l #	95
18) Methyl Acetate	4.563	43	1035	2.912	ug/l #	50
19) Methyl tert-butyl Ether	5.322	73	4783	2.349	ug/l	97
20) Methylene Chloride	4.799	84	8456	5.302	ug/l #	87
21) trans-1,2-Dichloroethene	5.310	96	2985	2.563	ug/l #	84
22) Diisopropyl ether	6.228	45	4810	2.086	ug/l #	81
23) Vinyl Acetate	6.163	43	14637m	10.582	ug/l	
24) 1,1-Dichloroethane	6.116	63	4864	2.661	ug/l #	78
25) 2-Butanone	7.093	43	2509	12.151	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	4576	2.848	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	3046	2.227	ug/l	85
28) Bromochloromethane	7.428	49	2028	3.326	ug/l #	100
29) Tetrahydrofuran	7.446	42	1171	9.805	ug/l #	50
30) Chloroform	7.599	83	5745	2.774	ug/l	91
31) Cyclohexane	7.881	56	4507	3.186	ug/l #	67
32) 1,1,1-Trichloroethane	7.793	97	4673	2.635	ug/l	96
36) 1,1-Dichloropropene	8.010	75	3494	2.301	ug/l	92
37) Ethyl Acetate	7.181	43	1194m	2.308	ug/l	
38) Carbon Tetrachloride	7.993	117	3951	2.224	ug/l #	83
39) Methylcyclohexane	9.275	83	3667	1.988	ug/l #	71
40) Benzene	8.252	78	11958	2.435	ug/l #	86

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	568	2.040	ug/l #	58
42) 1,2-Dichloroethane	8.322	62	3096	2.605	ug/l	77
43) Isopropyl Acetate	8.375	43	1746	1.902	ug/l #	88
44) Trichloroethene	9.040	130	3341	2.565	ug/l	80
45) 1,2-Dichloropropane	9.310	63	2763	2.560	ug/l #	81
46) Dibromomethane	9.393	93	1442	2.030	ug/l #	82
47) Bromodichloromethane	9.587	83	4108	2.402	ug/l #	97
48) Methyl methacrylate	9.387	41	866	1.938	ug/l #	83
49) 1,4-Dioxane	9.393	88	413	66.093	ug/l #	44
51) 4-Methyl-2-Pentanone	10.163	43	5233	10.701	ug/l	89
52) Toluene	10.334	92	7785	2.477	ug/l	88
53) t-1,3-Dichloropropene	10.551	75	3480	2.395	ug/l #	83
54) cis-1,3-Dichloropropene	10.022	75	4255	2.440	ug/l #	86
55) 1,1,2-Trichloroethane	10.728	97	2229	2.429	ug/l #	83
56) Ethyl methacrylate	10.598	69	1658	1.756	ug/l #	94
57) 1,3-Dichloropropane	10.881	76	3177	2.223	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	4489	11.064	ug/l	91
59) 2-Hexanone	10.916	43	3255	9.563	ug/l	96
60) Dibromochloromethane	11.069	129	2810	2.246	ug/l	88
61) 1,2-Dibromoethane	11.181	107	1825	2.181	ug/l	87
64) Tetrachloroethene	10.810	164	2539	2.294	ug/l	88
65) Chlorobenzene	11.610	112	9216	2.540	ug/l #	78
66) 1,1,1,2-Tetrachloroethane	11.681	131	2847	2.270	ug/l	96
67) Ethyl Benzene	11.687	91	12302	2.108	ug/l	97
68) m/p-Xylenes	11.793	106	9402	3.962	ug/l	99
69) o-Xylene	12.122	106	4021	1.859	ug/l	92
70) Styrene	12.134	104	7458	1.945	ug/l	90
71) Bromoform	12.298	173	1437	2.000	ug/l #	86
73) Isopropylbenzene	12.422	105	10204	2.120	ug/l	99
74) N-amyl acetate	12.240	43	1375	1.761	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	2456	2.829	ug/l #	80
76) 1,2,3-Trichloropropane	12.728	75	2002m	3.527	ug/l	
77) Bromobenzene	12.698	156	3330	2.631	ug/l	94
78) n-propylbenzene	12.763	91	13642	2.345	ug/l	99
79) 2-Chlorotoluene	12.845	91	7477	2.313	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	8569	2.143	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	800m	2.795	ug/l	
82) 4-Chlorotoluene	12.945	91	7914	2.333	ug/l	99
83) tert-Butylbenzene	13.163	119	7475	2.114	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	8591	2.074	ug/l	93
85) sec-Butylbenzene	13.339	105	10782	2.044	ug/l	96
86) p-Isopropyltoluene	13.457	119	8916	1.940	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	6256	2.336	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	6563	2.503	ug/l	88
89) n-Butylbenzene	13.787	91	8498	2.064	ug/l	95
90) Hexachloroethane	14.057	117	2698	2.783	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	5730	2.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	407	3.522	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.092	180	2782	2.115	ug/l	93
94) Hexachlorobutadiene	15.204	225	1456	2.118	ug/l	83
95) Naphthalene	15.333	128	5000	2.231	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	3104	2.652	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri May 17 06:53:52 2024
Response via : Initial Calibration

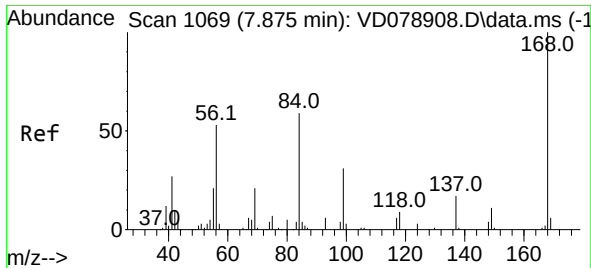
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

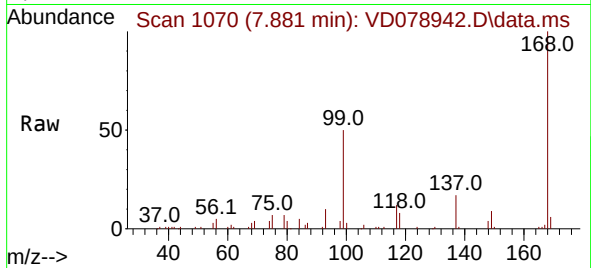
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078942.D
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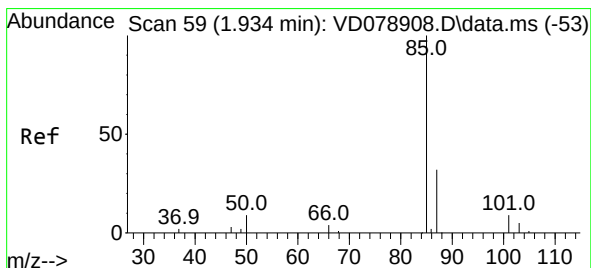
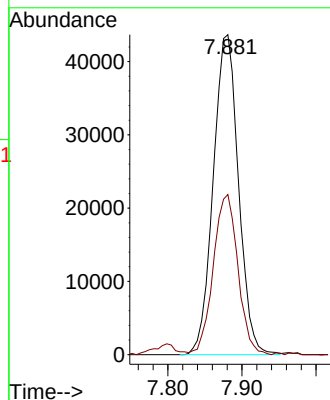
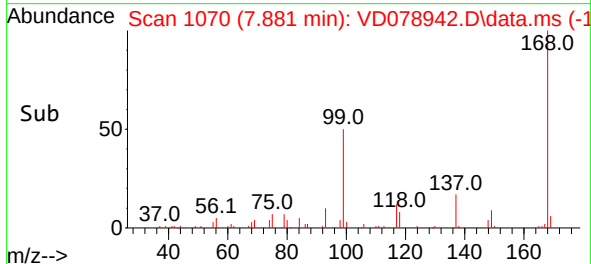
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:168 Resp: 103224
Ion Ratio Lower Upper
168 100
99 49.6 41.1 61.7

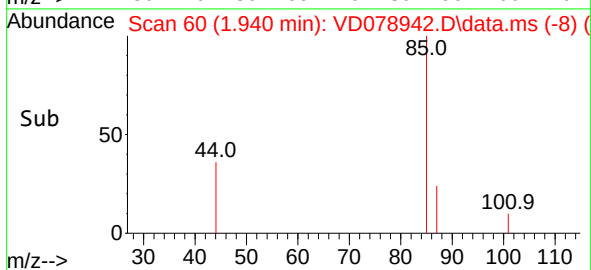
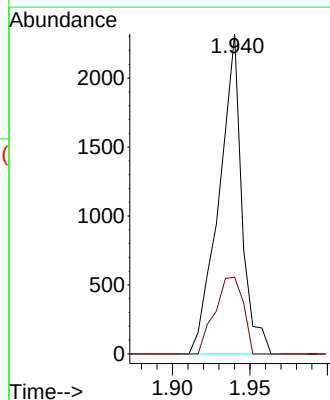
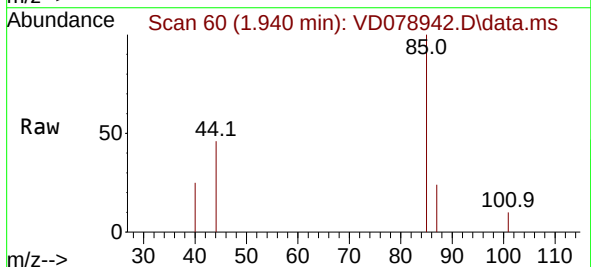
Manual Integrations
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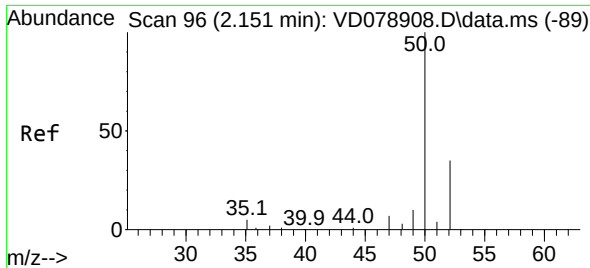
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#2
Dichlorodifluoromethane
Concen: 2.469 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion: 85 Resp: 2381
Ion Ratio Lower Upper
85 100
87 24.0 16.0 48.0





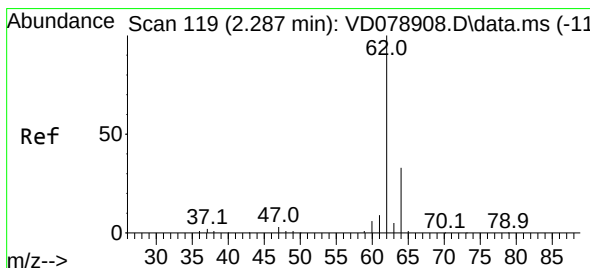
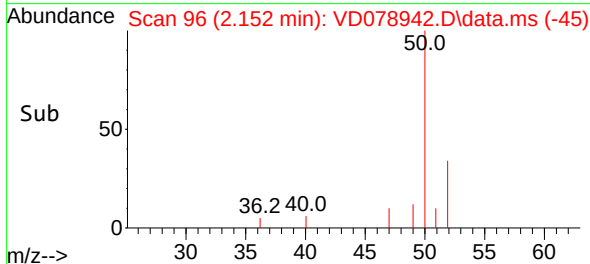
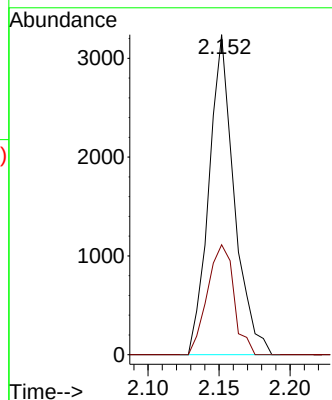
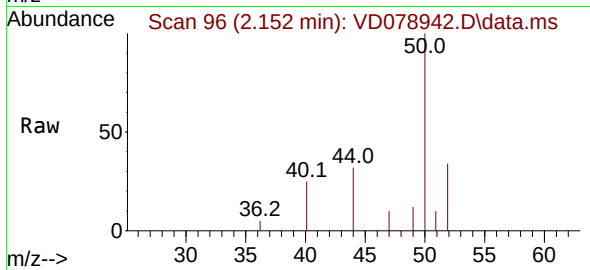
#3
Chloromethane
Concen: 2.727 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.001 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion: 50 Resp: 4010
Ion Ratio Lower Upper
50 100
52 34.4 28.2 42.2

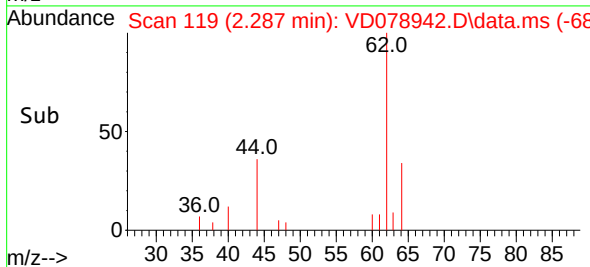
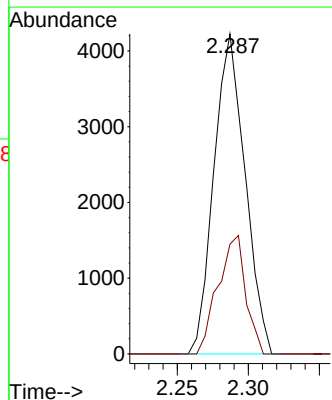
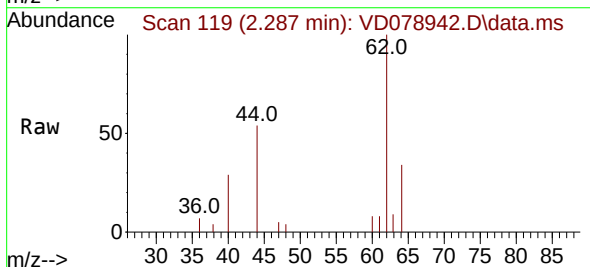
Manual Integrations
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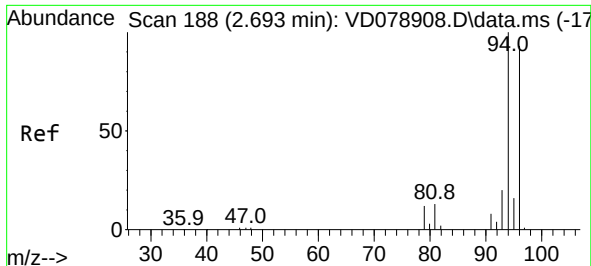
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#4
Vinyl Chloride
Concen: 2.898 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

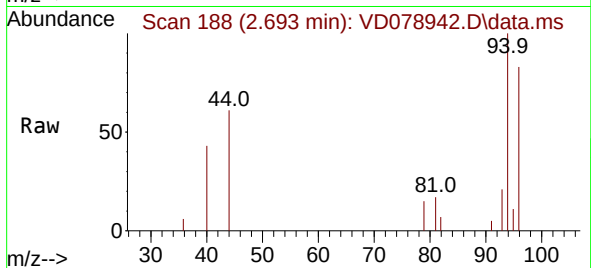
Tgt Ion: 62 Resp: 6444
Ion Ratio Lower Upper
62 100
64 34.3 26.3 39.5





#5
Bromomethane
Concen: 3.165 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

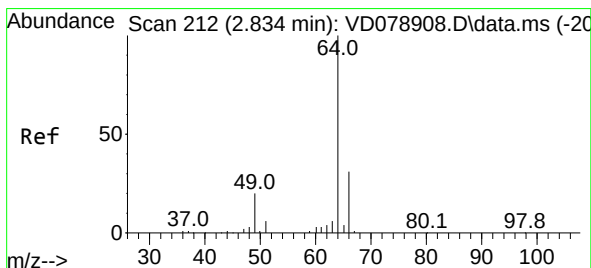
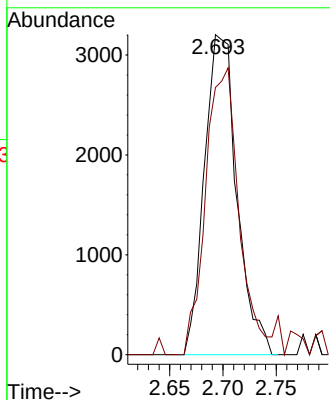
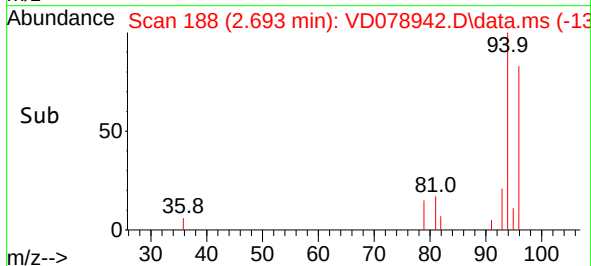
Instrument :
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Tgt Ion: 94 Resp: 6800
Ion Ratio Lower Upper
94 100
96 91.1 76.9 115.3

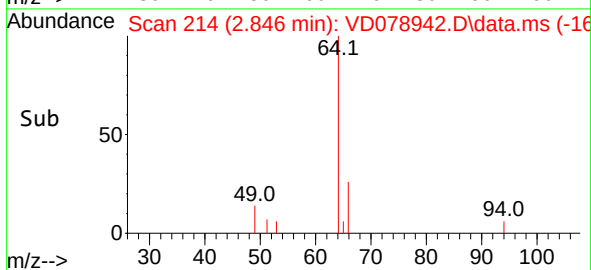
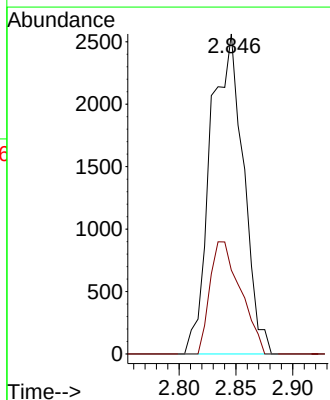
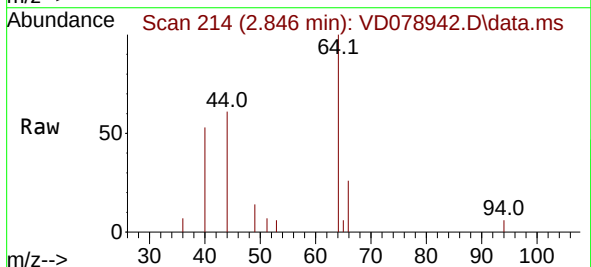
Manual Integrations
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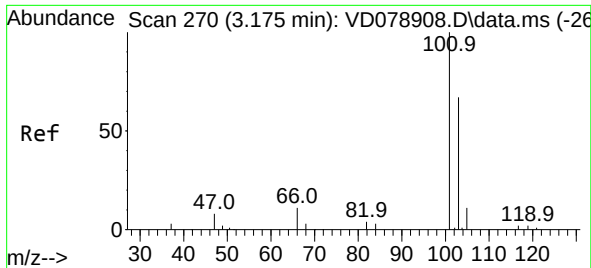
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#6
Chloroethane
Concen: 2.800 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.012 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

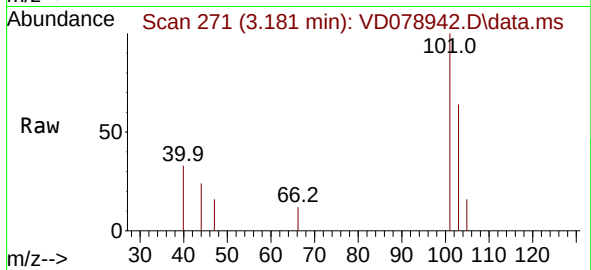
Tgt Ion: 64 Resp: 5169
Ion Ratio Lower Upper
64 100
66 26.2 24.5 36.7





#7
Trichlorofluoromethane
Concen: 2.371 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

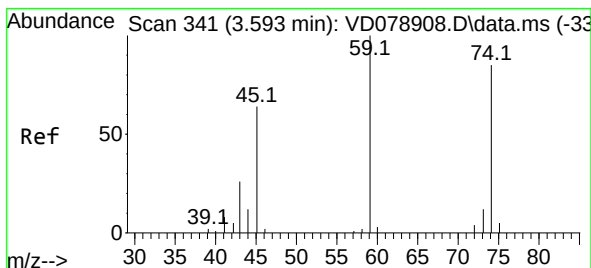
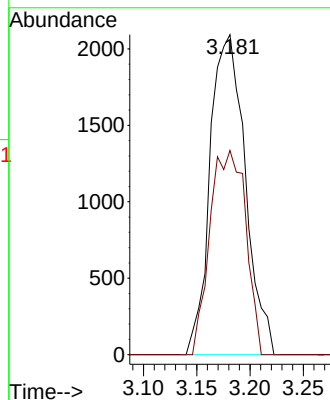
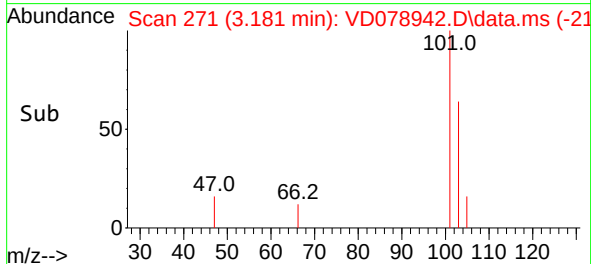
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:101 Resp: 479
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8

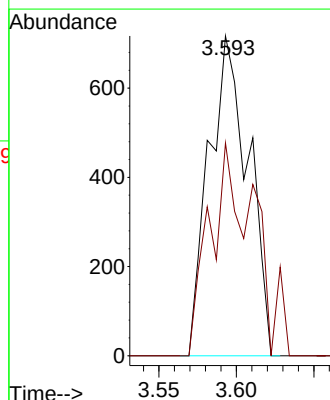
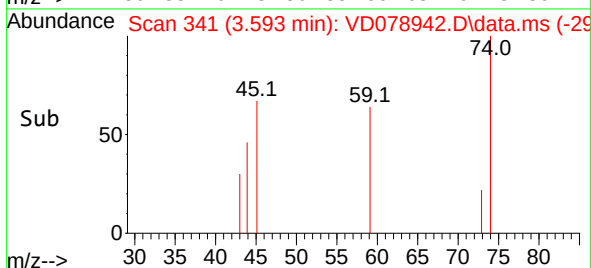
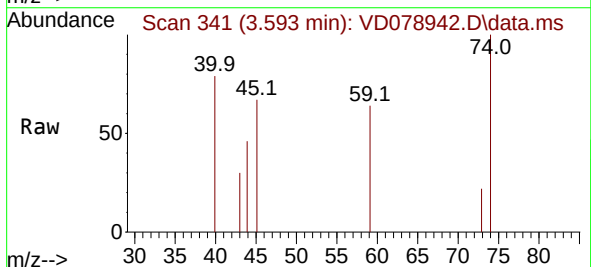
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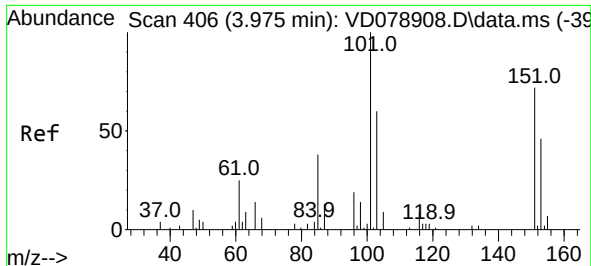
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#8
Diethyl Ether
Concen: 2.499 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion: 74 Resp: 1268
Ion Ratio Lower Upper
74 100
45 75.4 37.9 113.6





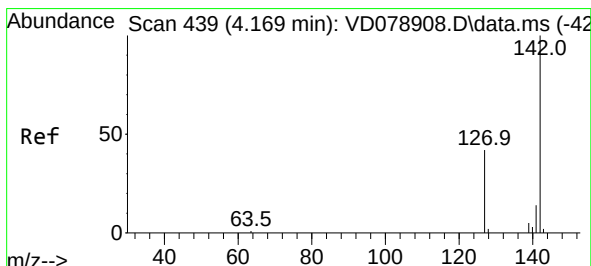
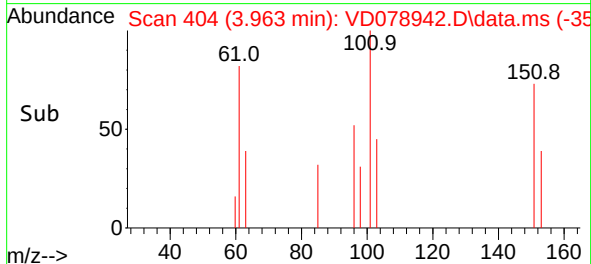
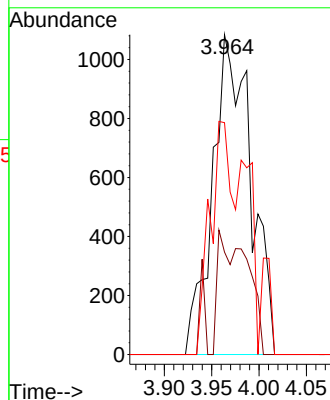
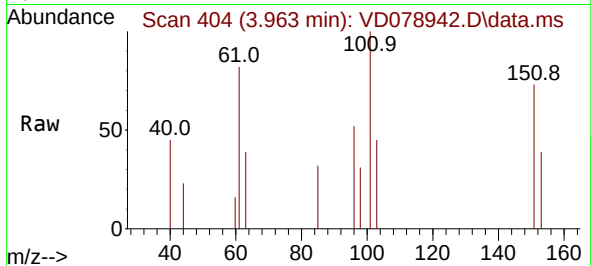
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.852 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:101 Resp: 304
Ion Ratio Lower Upper
101 100
85 12.4 33.5 50.3
151 43.4 60.3 90.5

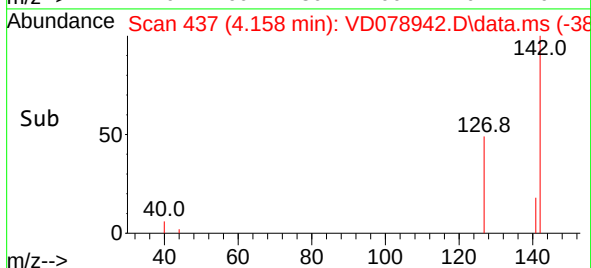
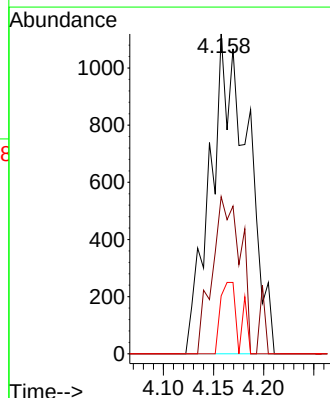
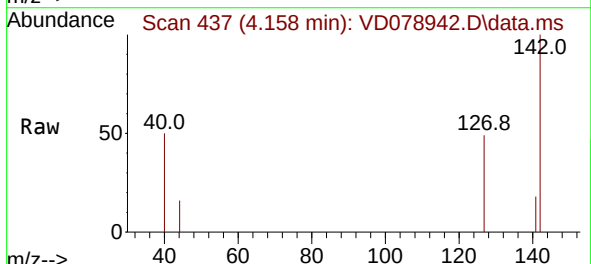
Manual Integrations
APPROVED

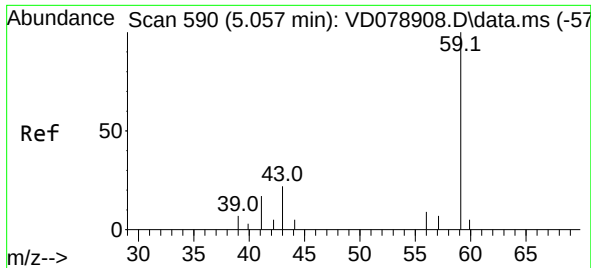
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#10
Methyl Iodide
Concen: 2.302 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.011 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion:142 Resp: 2936
Ion Ratio Lower Upper
142 100
127 36.7 34.2 51.4
141 10.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 6.762 ug/l

RT: 5.075 min Scan# 590

Delta R.T. 0.018 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

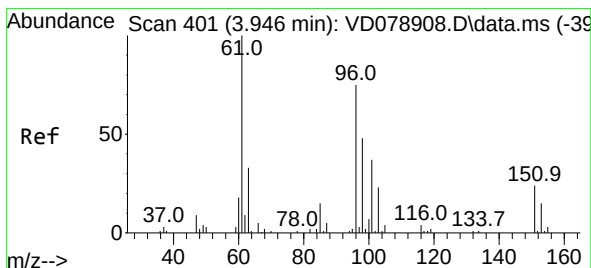
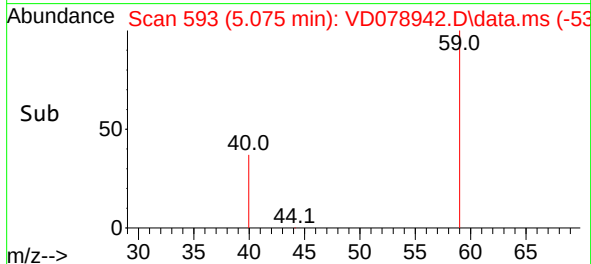
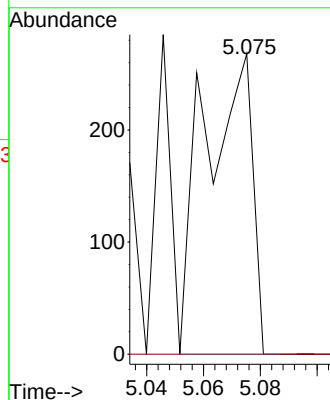
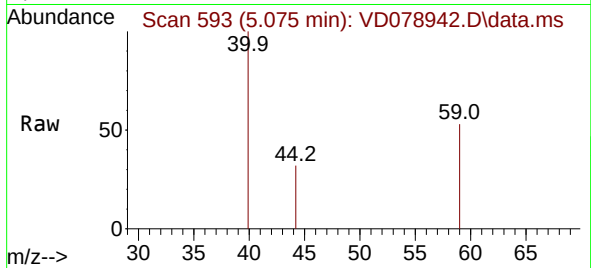
MDL-SOIL-03-QT2-2024

Tgt Ion: 59 Resp: 312
 Ion Ratio Lower Upper
 59 100
 57 0.0 3.6 5.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024



#12

1,1-Dichloroethene

Concen: 2.645 ug/l

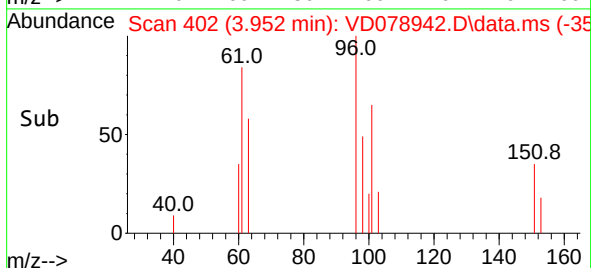
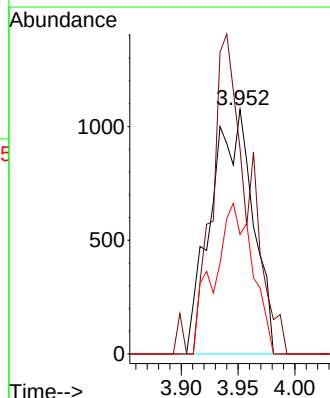
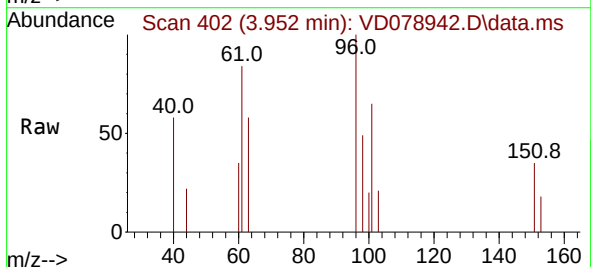
RT: 3.952 min Scan# 402

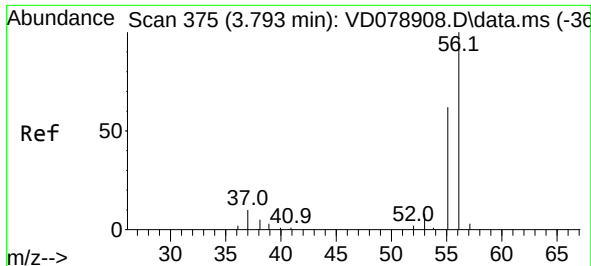
Delta R.T. 0.006 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

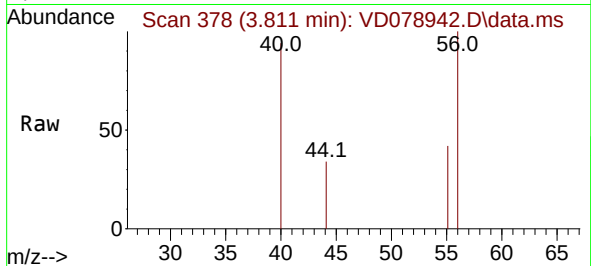
Tgt Ion: 96 Resp: 2764
 Ion Ratio Lower Upper
 96 100
 61 67.9 107.3 160.9#
 98 48.9 51.7 77.5#





#13
Acrolein
Concen: 12.149 ug/l
RT: 3.811 min Scan# 311
Delta R.T. 0.018 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

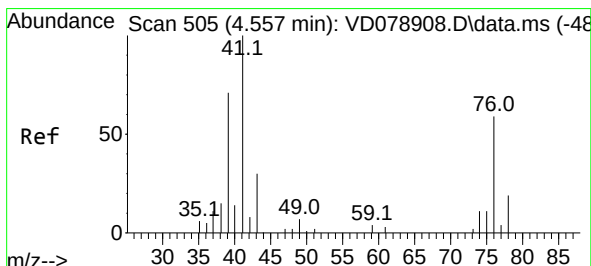
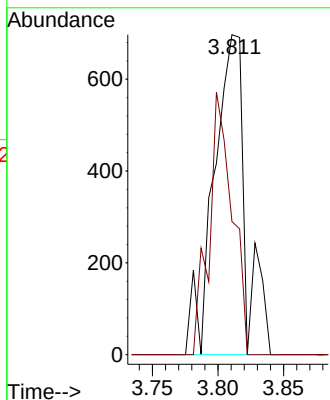
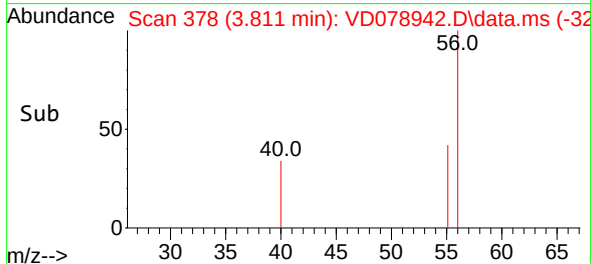
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



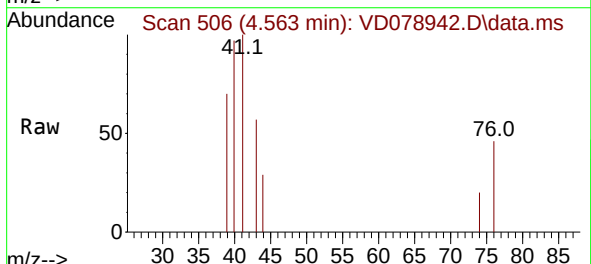
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 60.1 55.3 82.9

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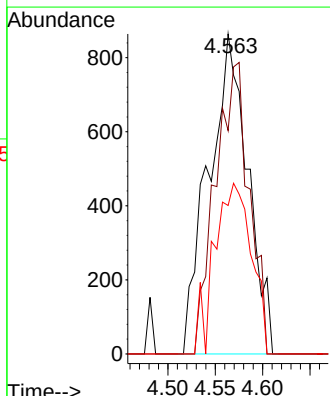
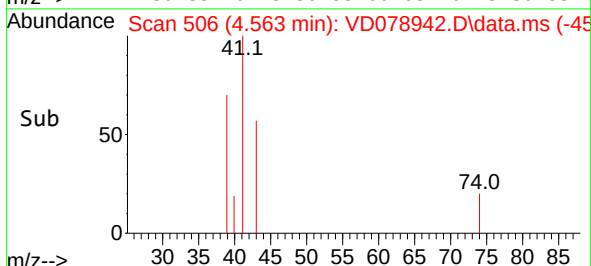
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

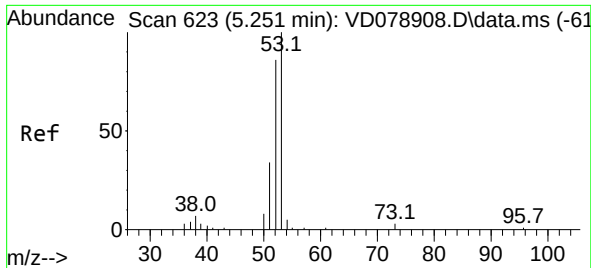


#14
Allyl chloride
Concen: 2.443 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



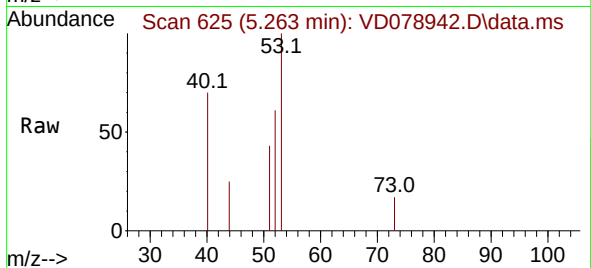
Tgt Ion: 41 Resp: 2491
Ion Ratio Lower Upper
41 100
39 78.4 58.0 87.0
76 50.5 45.9 68.9





#15
Acrylonitrile
Concen: 13.764 ug/l m
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

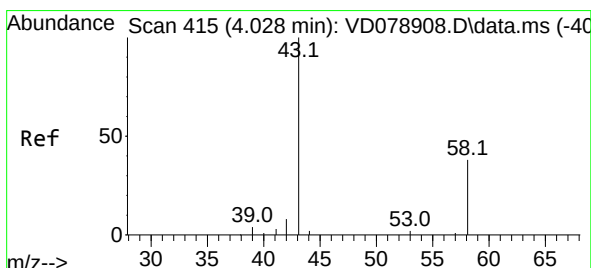
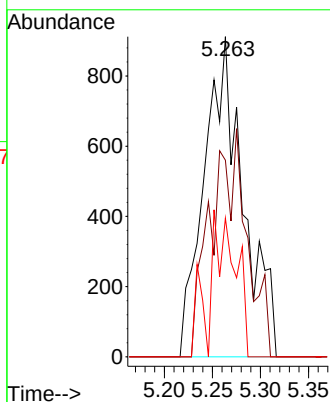
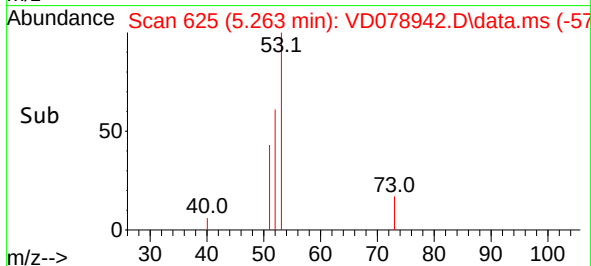
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 53 Resp: 2570
Ion Ratio Lower Upper
53 100
52 38.7 67.7 101.5
51 31.2 28.6 42.8

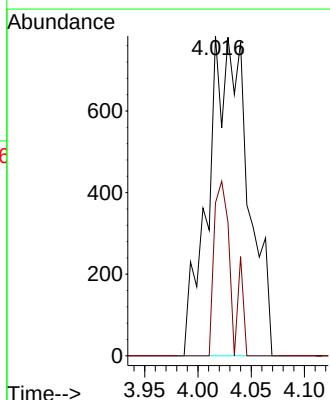
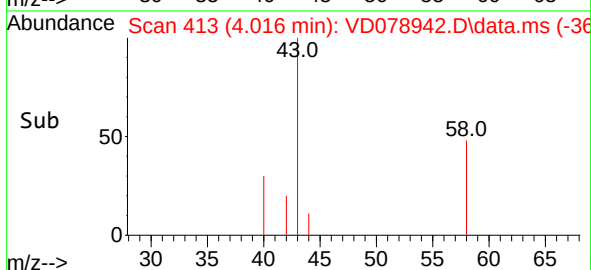
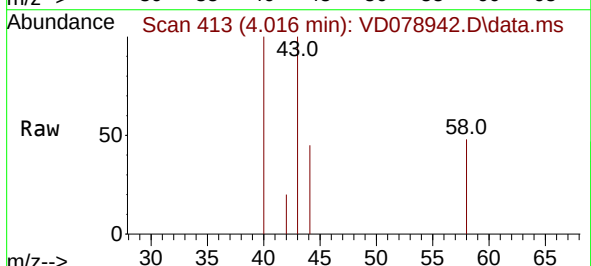
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APPROVED

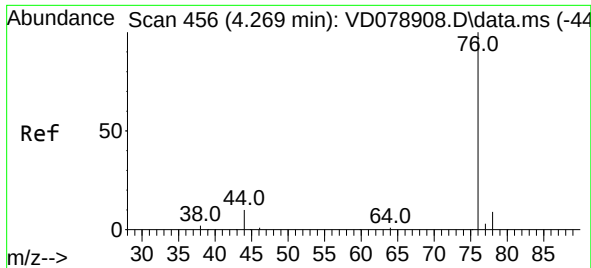
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#16
Acetone
Concen: 13.305 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.011 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
58 47.8 30.4 45.6#





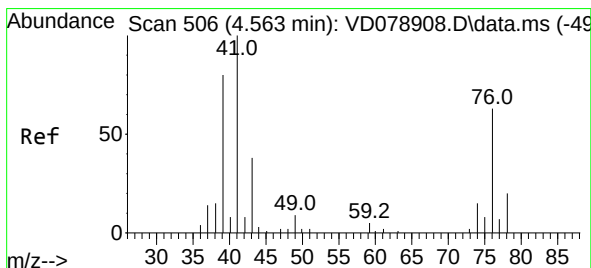
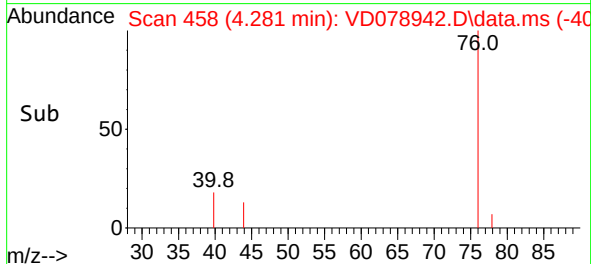
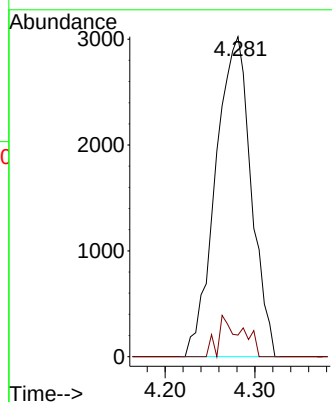
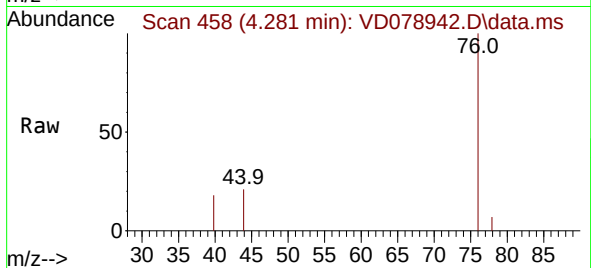
#17
Carbon Disulfide
Concen: 2.471 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.012 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2024

Tgt Ion: 76 Resp: 8300
Ion Ratio Lower Upper
76 100
78 6.7 6.9 10.3

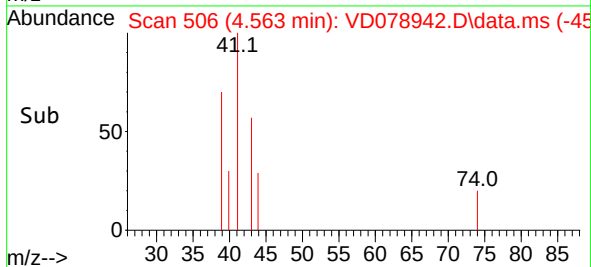
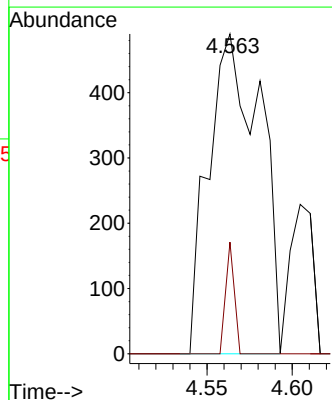
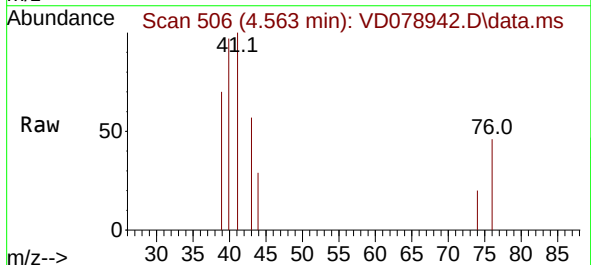
Manual Integrations
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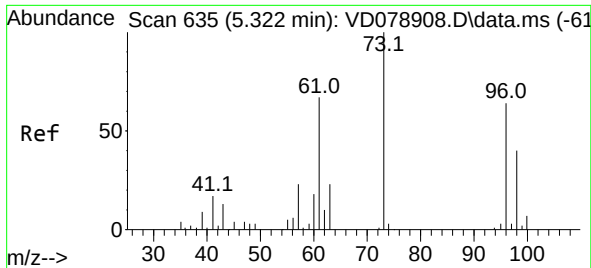
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#18
Methyl Acetate
Concen: 2.912 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
74 5.8 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 2.349 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion: 73 Resp: 478

Ion Ratio Lower Upper

73 100

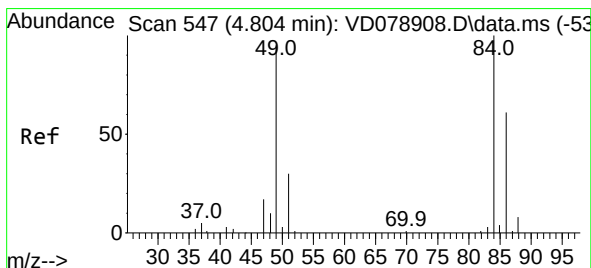
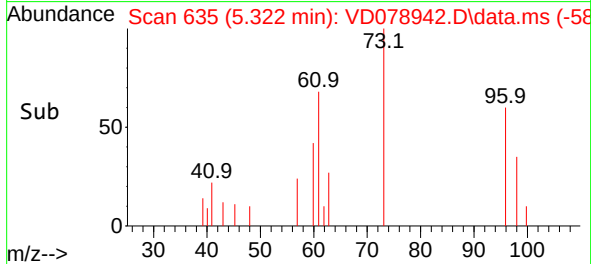
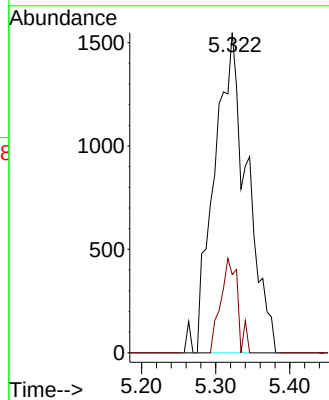
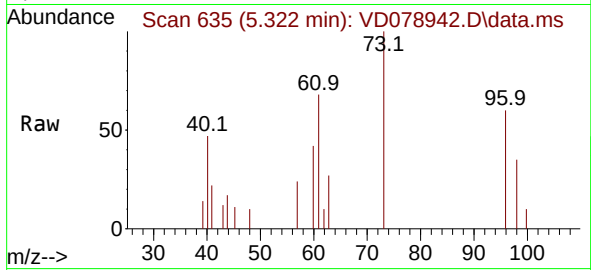
57 24.4 18.3 27.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024

Supervised By :Mahesh Dadoda 05/17/2024



#20

Methylene Chloride

Concen: 5.302 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Tgt Ion: 84 Resp: 8456

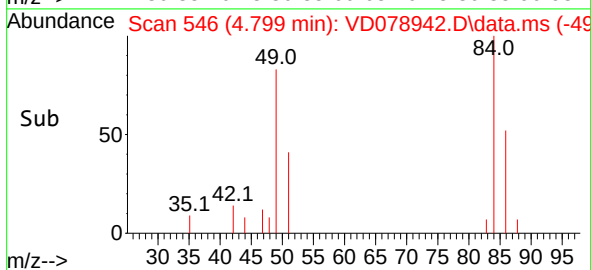
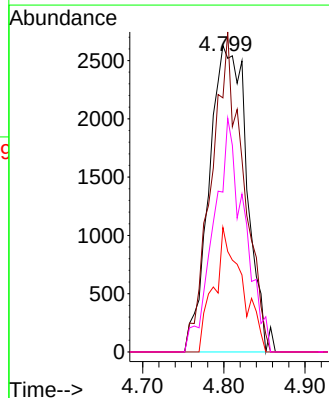
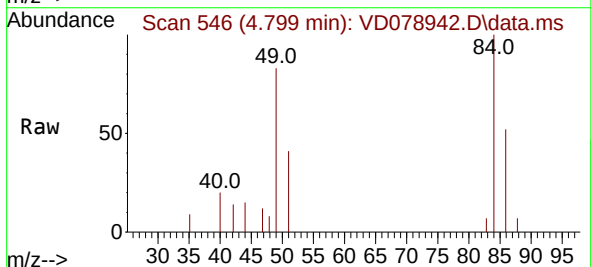
Ion Ratio Lower Upper

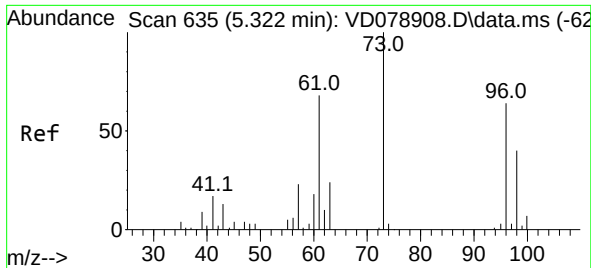
84 100

49 83.0 75.6 113.4

51 40.6 24.2 36.2#

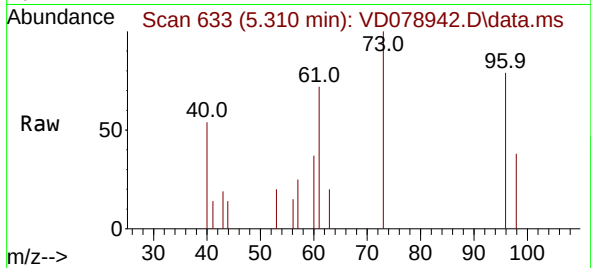
86 52.2 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 2.563 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.011 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

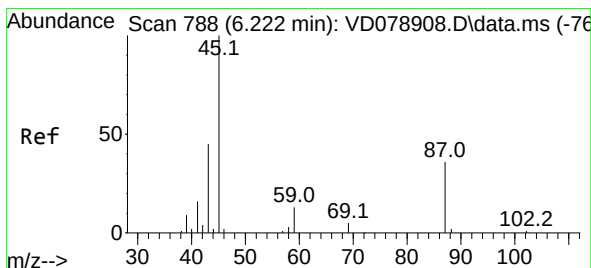
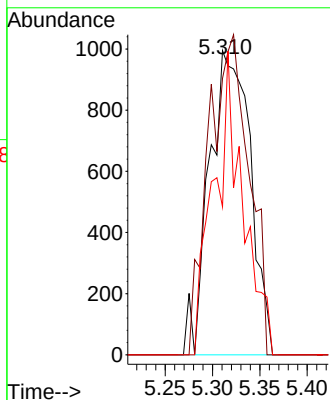
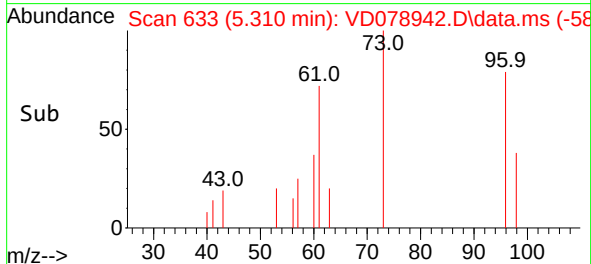
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 96 Resp: 298
Ion Ratio Lower Upper
96 100
61 90.9 84.5 126.7
98 48.6 50.5 75.7

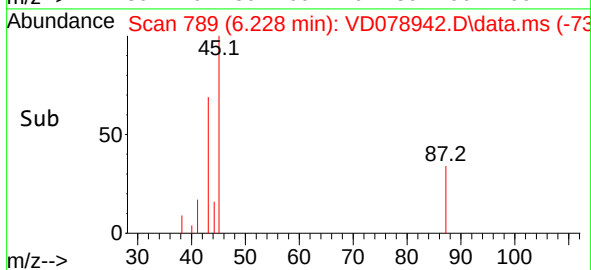
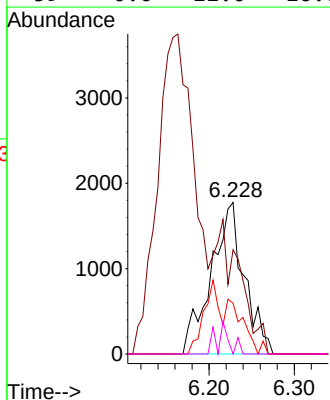
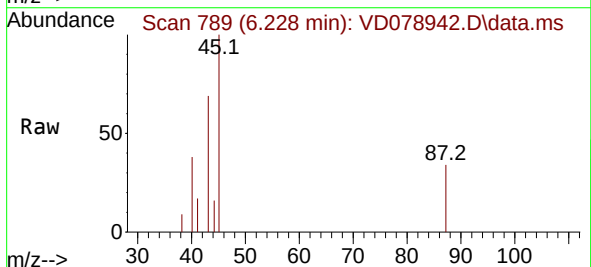
Manual Integrations
APPROVED

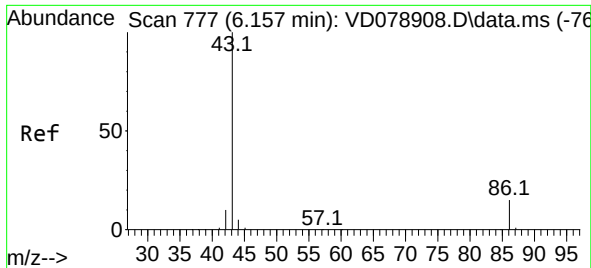
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#22
Diisopropyl ether
Concen: 2.086 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

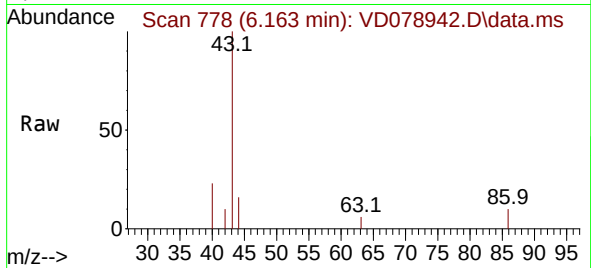
Tgt Ion: 45 Resp: 4810
Ion Ratio Lower Upper
45 100
43 68.8 41.7 62.5#
87 33.5 30.2 45.2
59 0.0 11.0 16.6#





#23
 Vinyl Acetate
 Concen: 10.582 ug/l m
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078942.D
 Acq: 16 May 2024 12:18

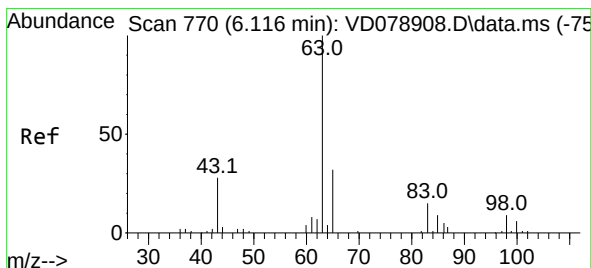
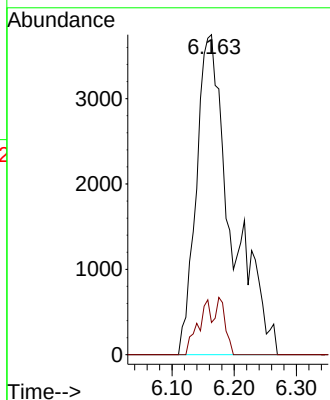
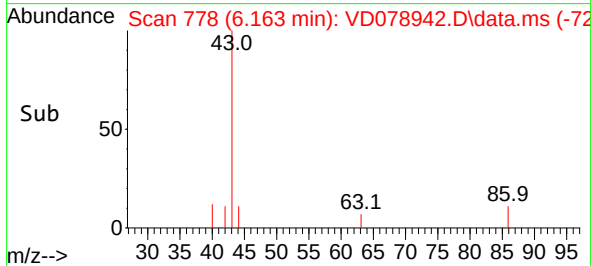
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2024



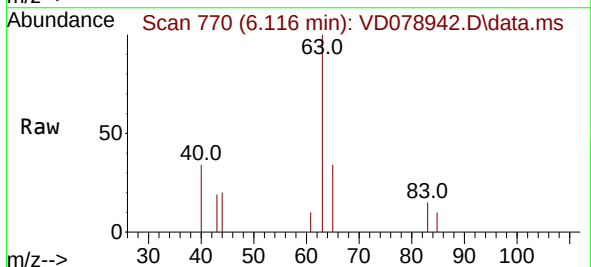
Tgt Ion: 43 Resp: 1463
 Ion Ratio Lower Upper
 43 100
 86 10.1 12.3 18.5

Manual Integrations
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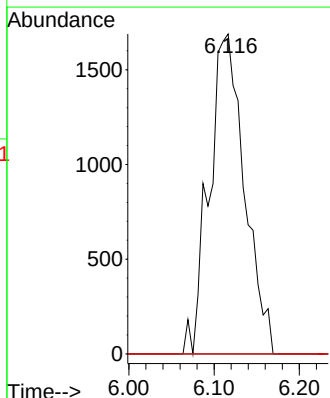
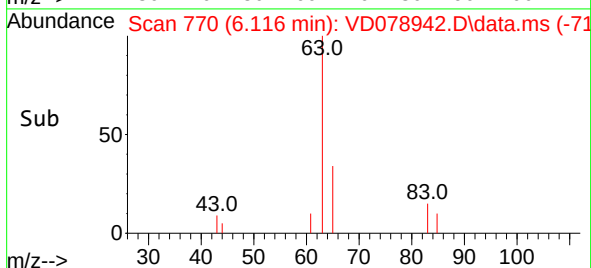
Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

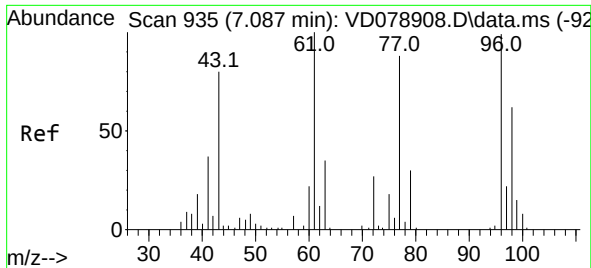


#24
 1,1-Dichloroethane
 Concen: 2.661 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078942.D
 Acq: 16 May 2024 12:18



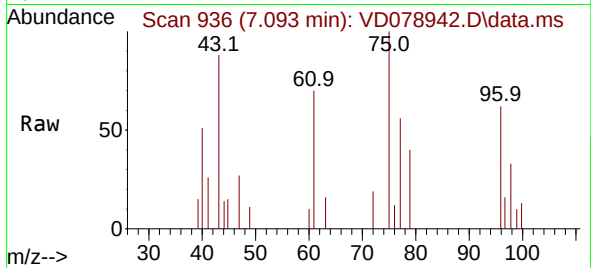
Tgt Ion: 63 Resp: 4864
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.7 14.0#
 100 0.0 2.9 8.6#





#25
2-Butanone
Concen: 12.151 ug/l
RT: 7.093 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

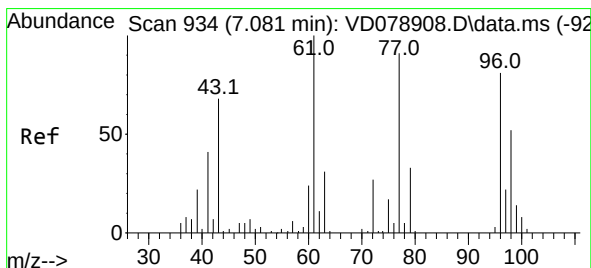
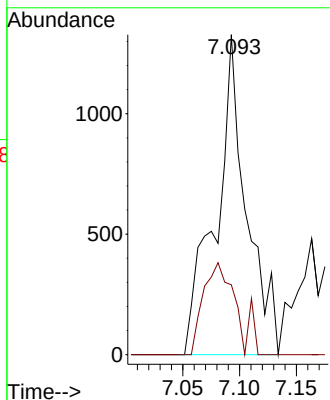
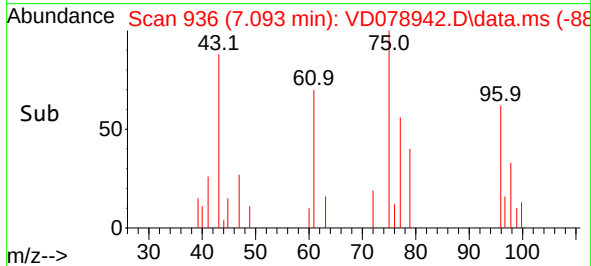
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 43 Resp: 2509
Ion Ratio Lower Upper
43 100
72 21.8 26.4 39.6

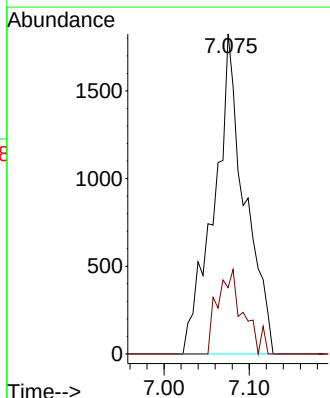
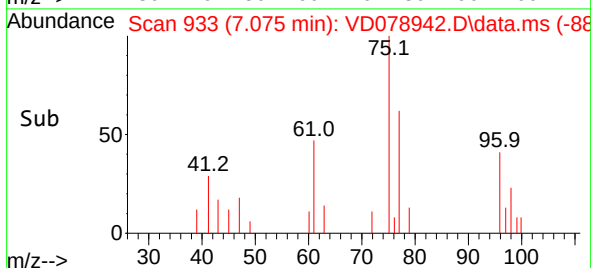
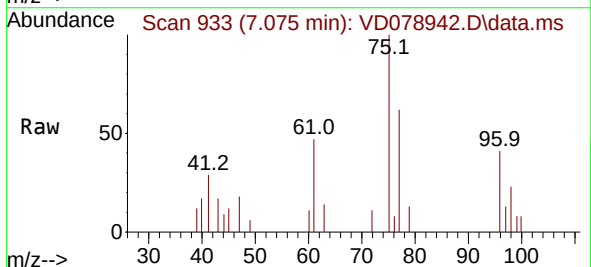
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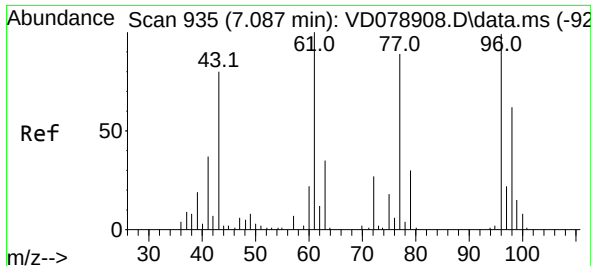
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#26
2,2-Dichloropropane
Concen: 2.848 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion: 77 Resp: 4576
Ion Ratio Lower Upper
77 100
97 22.0 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 2.227 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.011 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

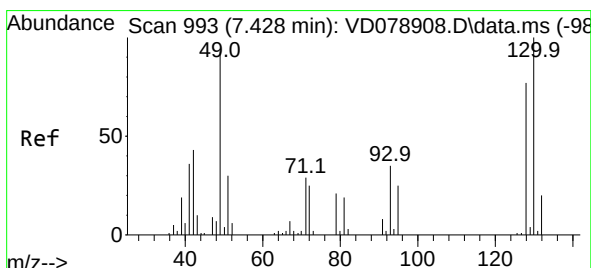
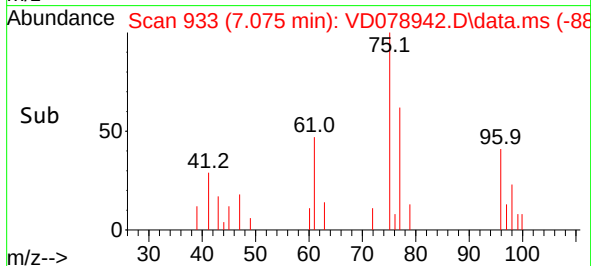
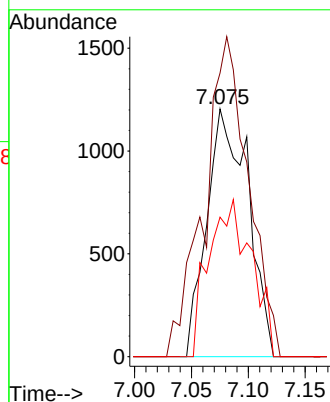
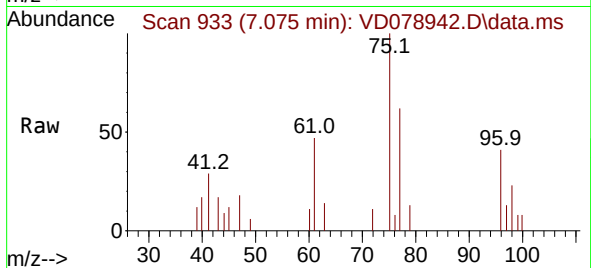
MDL-SOIL-03-QT2-2024

Tgt Ion: 96	Resp: 3040
Ion Ratio	Lower Upper
96 100	
61 137.8	0.0 229.0
98 65.4	0.0 127.2

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Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#28

Bromochloromethane

Concen: 3.326 ug/l

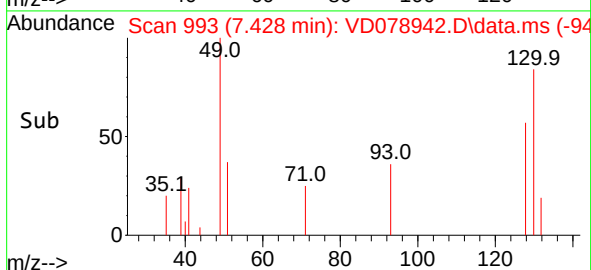
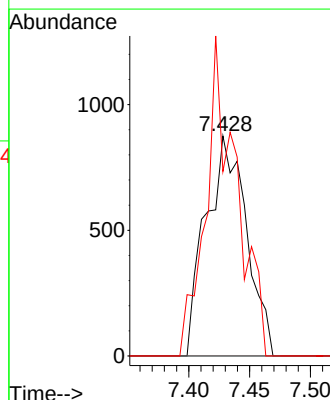
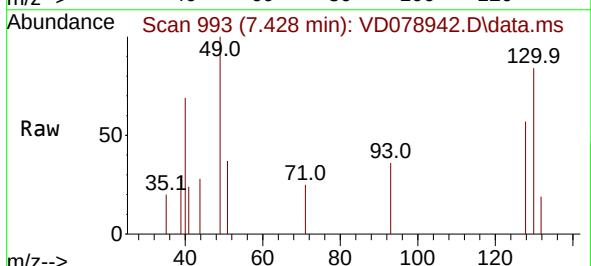
RT: 7.428 min Scan# 993

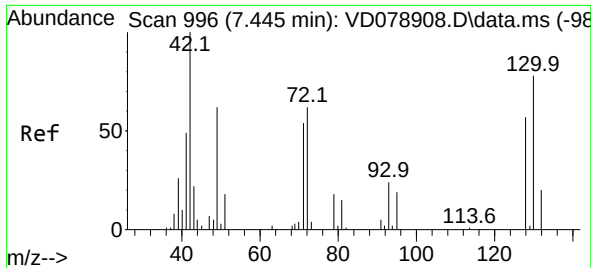
Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Tgt Ion: 49	Resp: 2028
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 7.0
130 109.6	87.7 131.5





#29

Tetrahydrofuran

Concen: 9.805 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078942.D

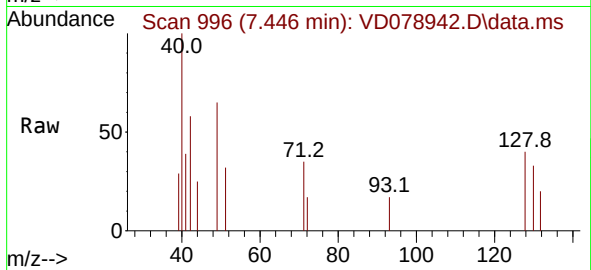
Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2024

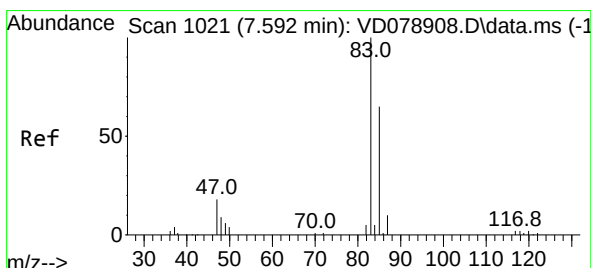
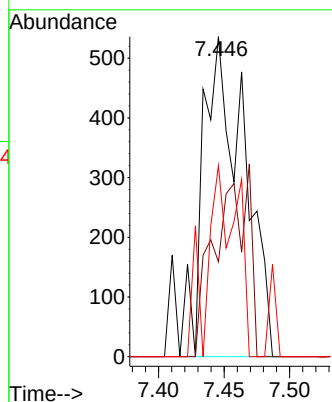
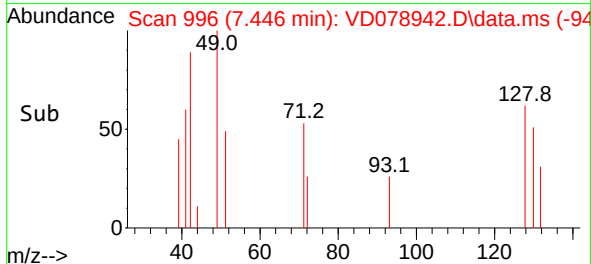


Tgt Ion:	42	Resp:	117
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.4	74.0
71	44.1	45.0	67.6

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Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#30

Chloroform

Concen: 2.774 ug/l

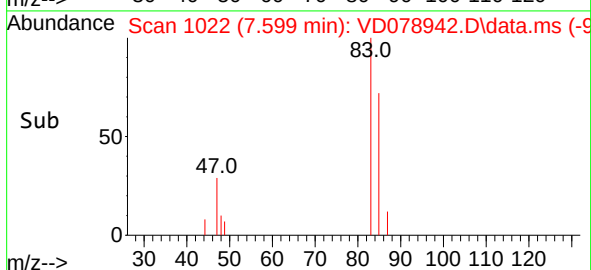
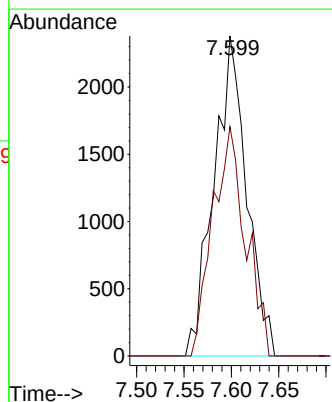
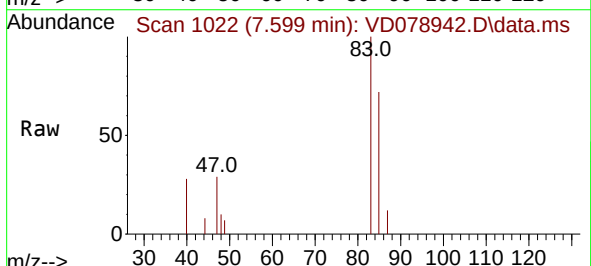
RT: 7.599 min Scan# 1022

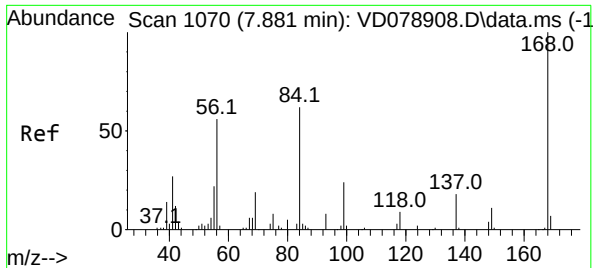
Delta R.T. 0.006 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

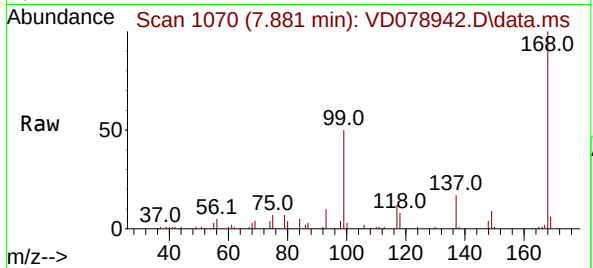
Tgt Ion:	83	Resp:	5745
Ion	Ratio	Lower	Upper
83	100		
85	71.7	51.8	77.6





#31
Cyclohexane
Concen: 3.186 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

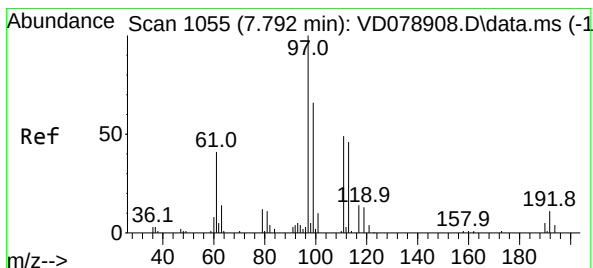
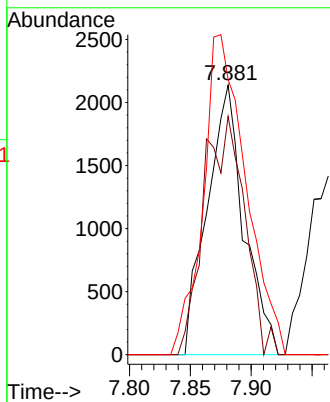
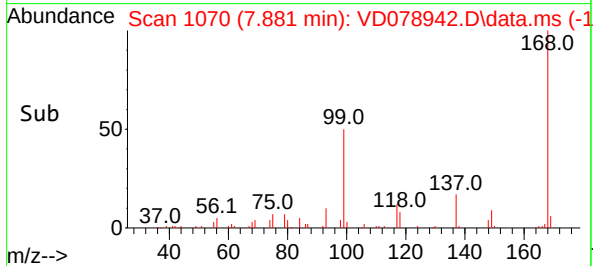
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



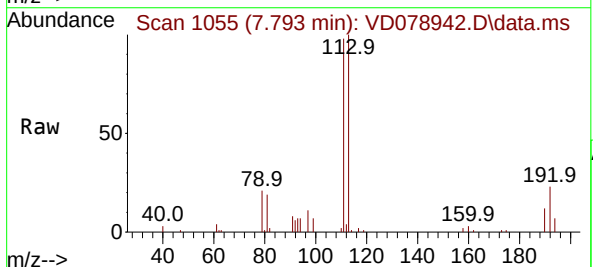
Tgt Ion: 56 Resp: 450
Ion Ratio Lower Upper
56 100
69 88.4 28.0 42.0
84 94.1 87.4 131.0

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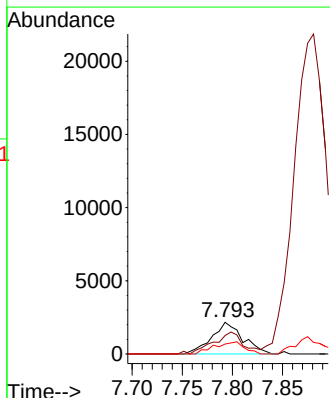
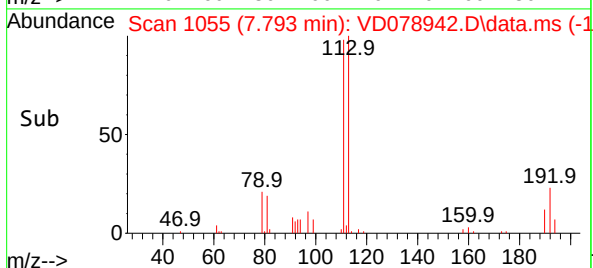
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

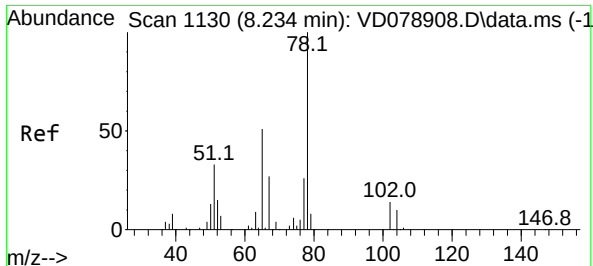


#32
1,1,1-Trichloroethane
Concen: 2.635 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



Tgt Ion: 97 Resp: 4673
Ion Ratio Lower Upper
97 100
99 66.6 51.3 76.9
61 36.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 62.859 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion: 65 Resp: 6086

Ion Ratio Lower Upper

65 100

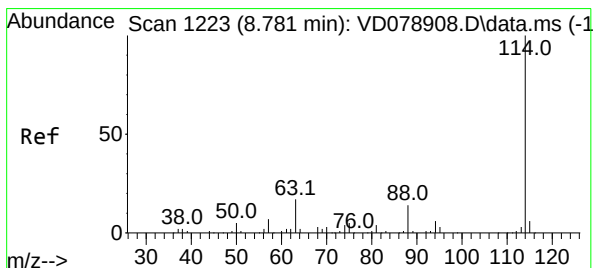
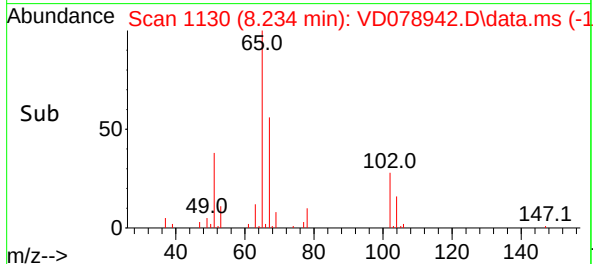
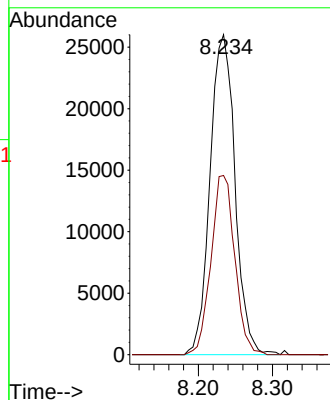
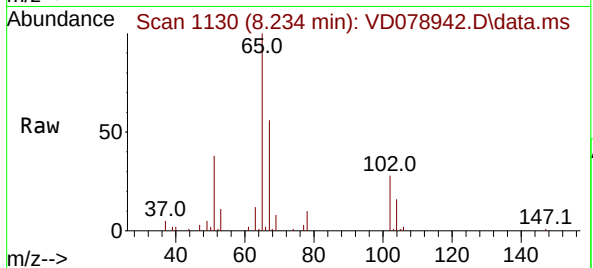
67 53.4 0.0 111.0

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Reviewed By :Semsettin Yesilyurt 05/17/2024

Supervised By :Mahesh Dadoda 05/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

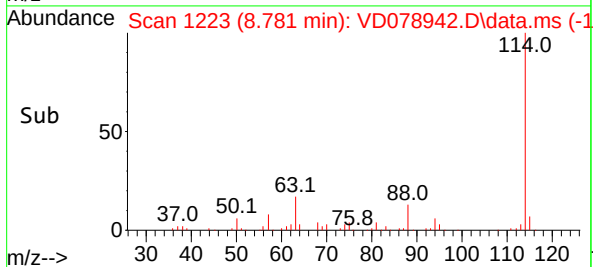
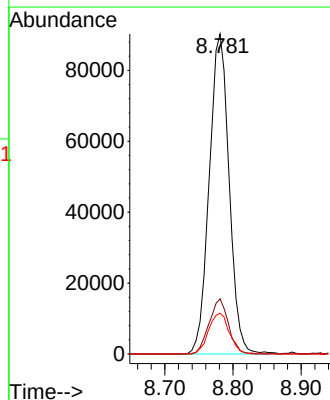
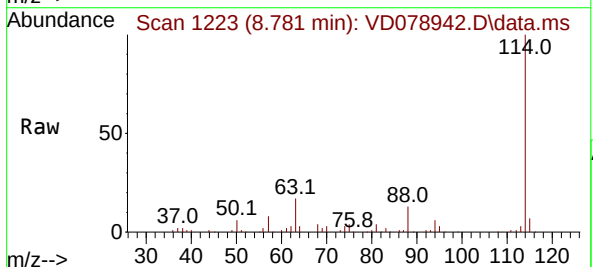
Tgt Ion:114 Resp: 183284

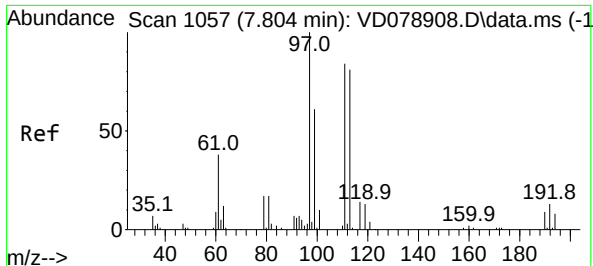
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.0

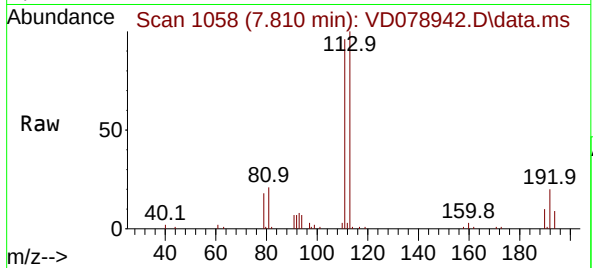
88 12.7 0.0 27.2





#35
Dibromofluoromethane
Concen: 58.595 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

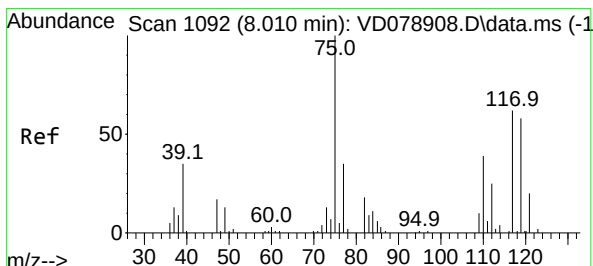
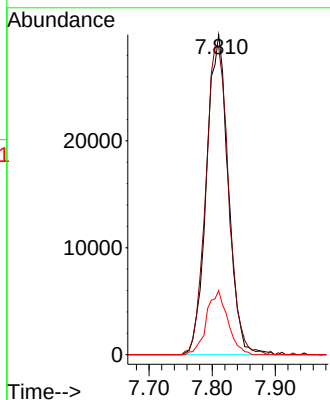
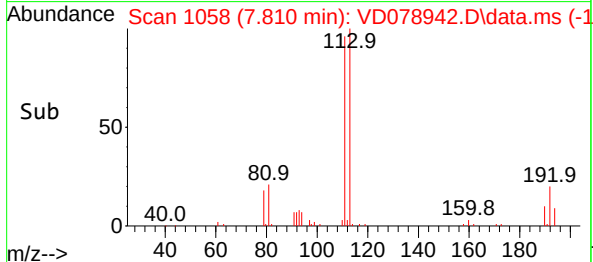
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 113 Resp: 71490
Ion Ratio Lower Upper
113 100
111 101.6 84.0 126.0
192 19.5 15.4 23.0

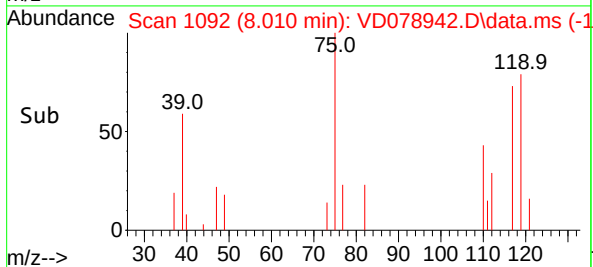
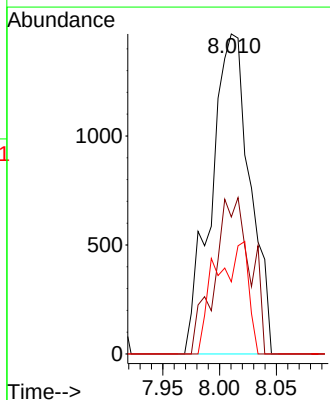
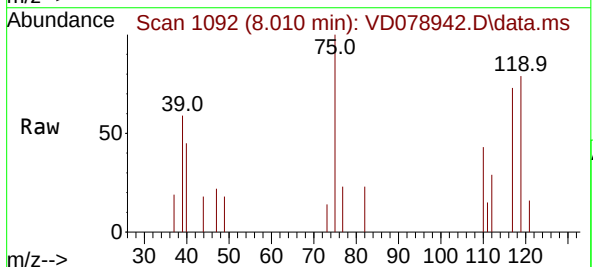
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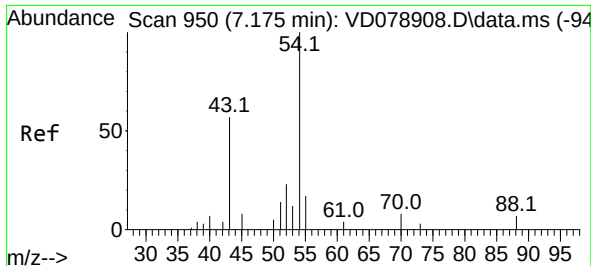
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#36
1,1-Dichloropropene
Concen: 2.301 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion: 75 Resp: 3494
Ion Ratio Lower Upper
75 100
110 45.2 19.6 58.7
77 29.3 26.1 39.1





#37

Ethyl Acetate

Concen: 2.308 ug/l m

RT: 7.181 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078942.D

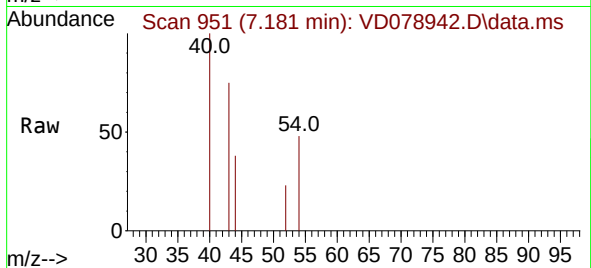
Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2024



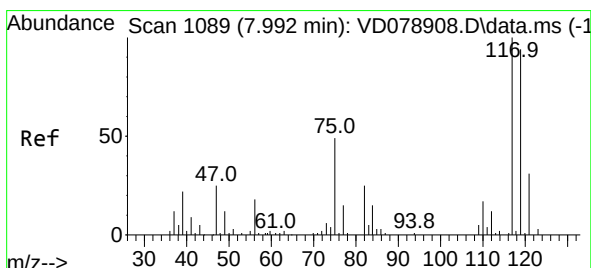
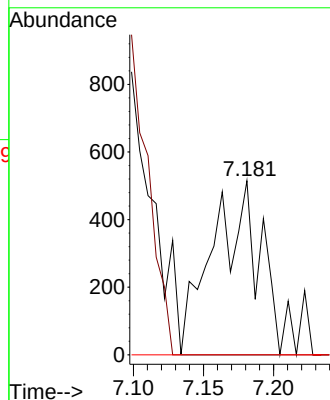
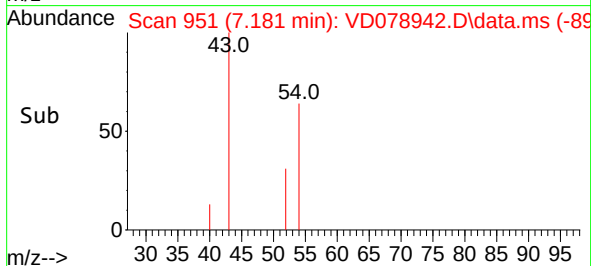
Tgt Ion: 43 Resp: 1194

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.9	20.9
70	0.0	9.8	14.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#38

Carbon Tetrachloride

Concen: 2.224 ug/l

RT: 7.993 min Scan# 1089

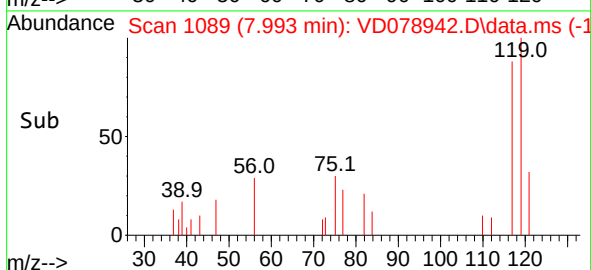
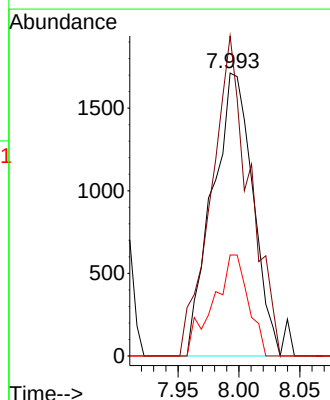
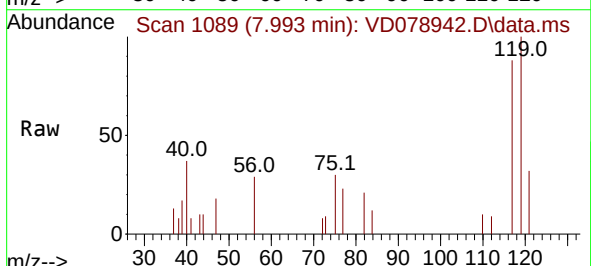
Delta R.T. 0.000 min

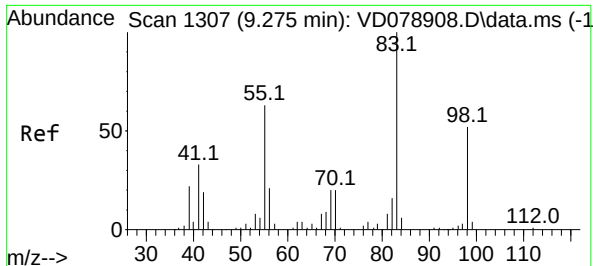
Lab File: VD078942.D

Acq: 16 May 2024 12:18

Tgt Ion:117 Resp: 3951

Ion	Ratio	Lower	Upper
117	100		
119	113.1	75.4	113.0
121	35.7	25.0	37.4





#39

Methylcyclohexane

Concen: 1.988 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

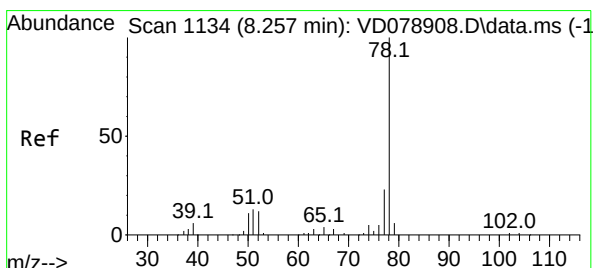
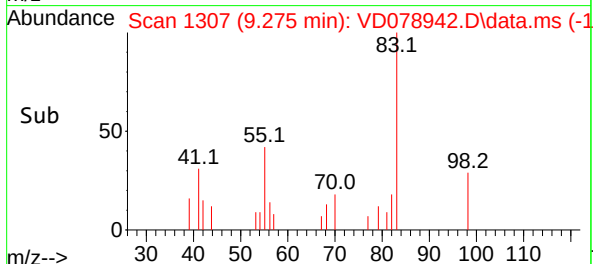
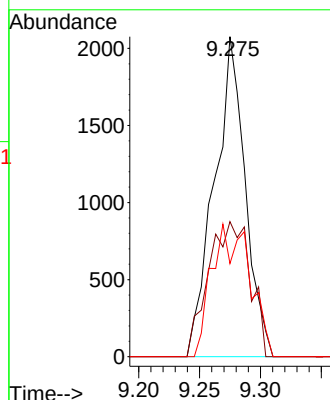
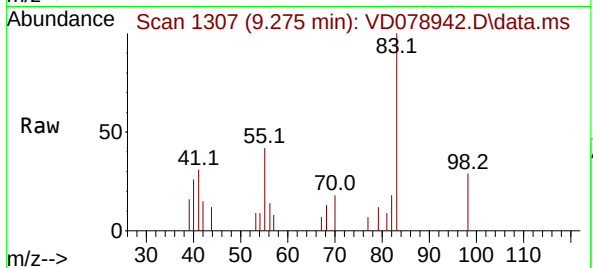
MDL-SOIL-03-QT2-2024

Tgt Ion: 83	Resp: 366
Ion Ratio	Lower Upper
83 100	
55 42.2	50.1 75.1
98 29.1	41.9 62.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#40

Benzene

Concen: 2.435 ug/l

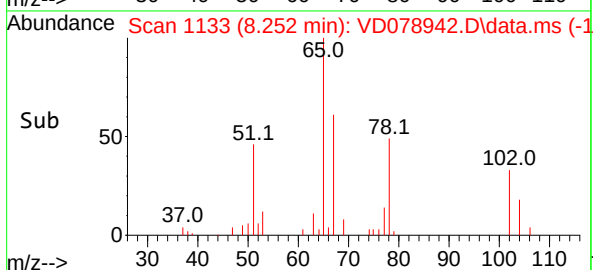
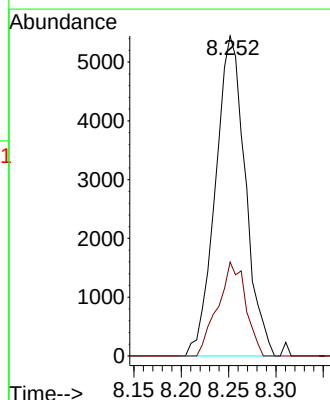
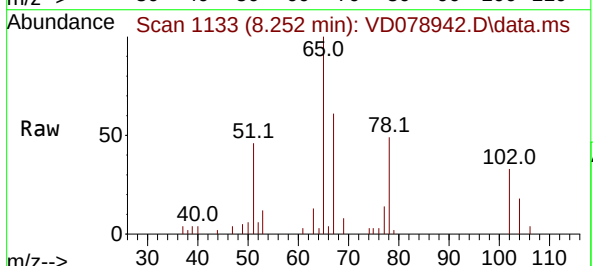
RT: 8.252 min Scan# 1133

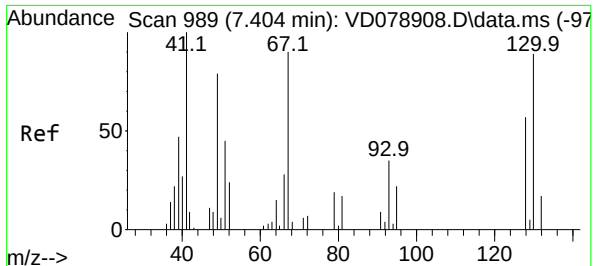
Delta R.T. -0.006 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

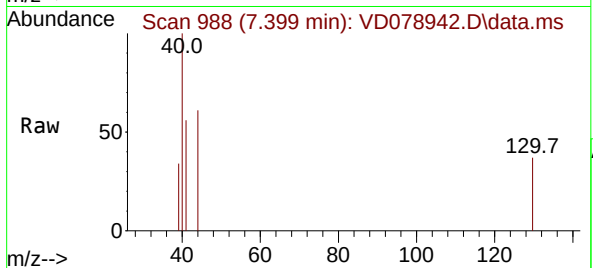
Tgt Ion: 78	Resp: 11958
Ion Ratio	Lower Upper
78 100	
77 29.4	18.1 27.1





#41
Methacrylonitrile
Concen: 2.040 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

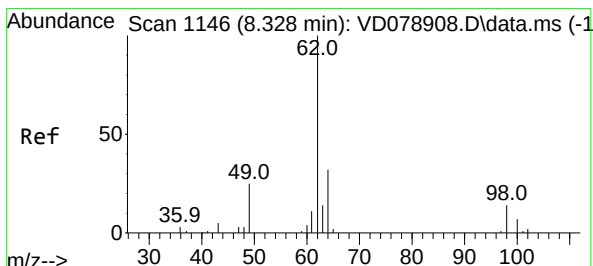
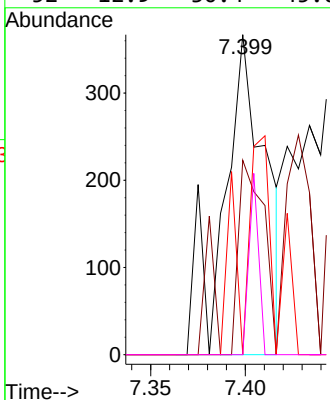
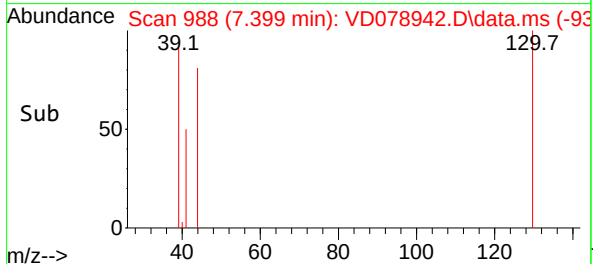
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion:	41	Resp:	568
Ion Ratio	100	Lower	Upper
41	100		
39	36.1	41.4	62.0
67	53.5	85.8	128.6
52	12.9	30.4	45.6

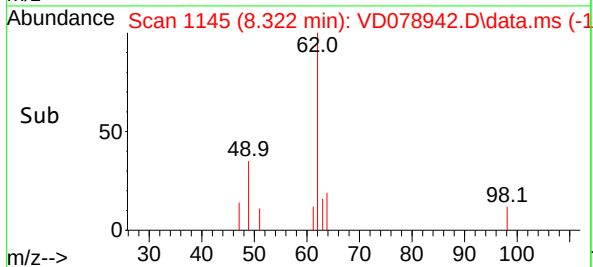
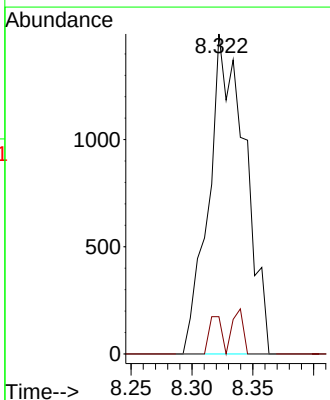
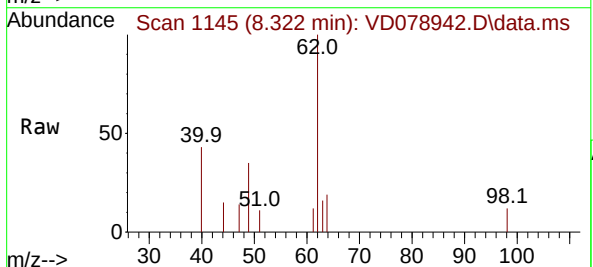
Manual Integrations
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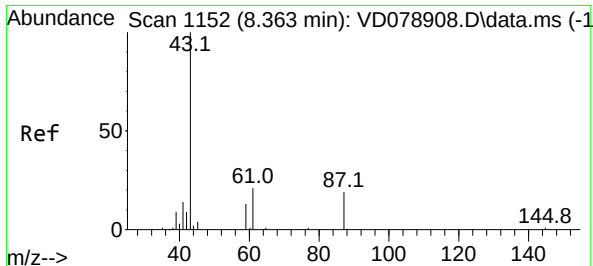
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#42
1,2-Dichloroethane
Concen: 2.605 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion:	62	Resp:	3096
Ion Ratio	100	Lower	Upper
62	100		
98	4.0	0.0	25.8





#43

Isopropyl Acetate

Concen: 1.902 ug/l

RT: 8.375 min Scan# 1154

Delta R.T. 0.012 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

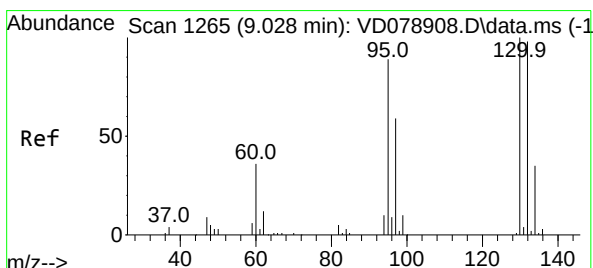
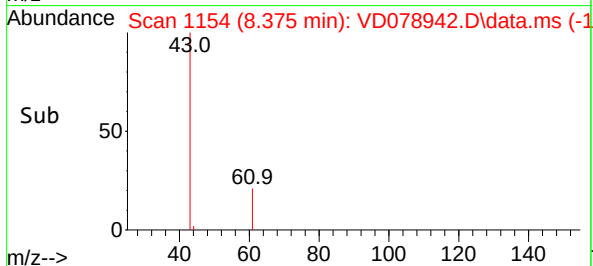
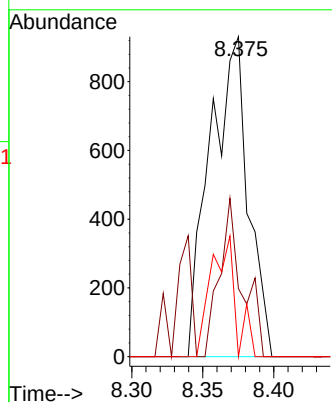
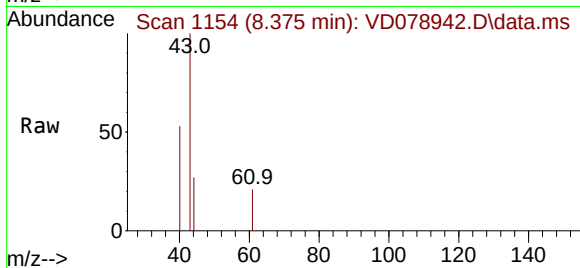
MDL-SOIL-03-QT2-2024

Tgt Ion: 43	Resp: 1740
Ion Ratio	Lower Upper
43	100
61	29.8 29.3 43.9
87	24.2 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#44

Trichloroethene

Concen: 2.565 ug/l

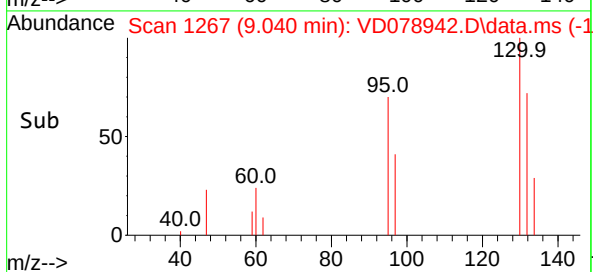
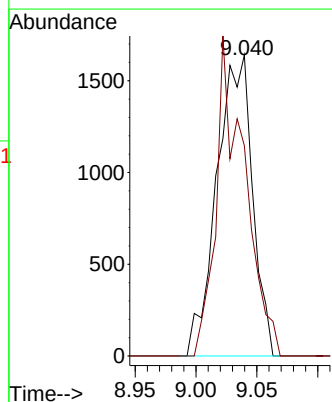
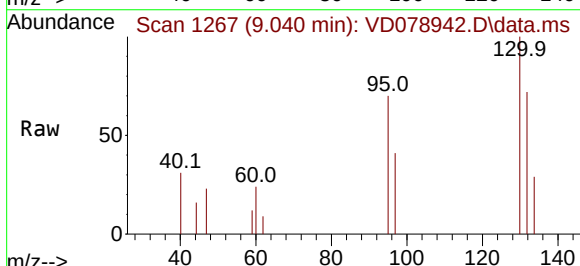
RT: 9.040 min Scan# 1267

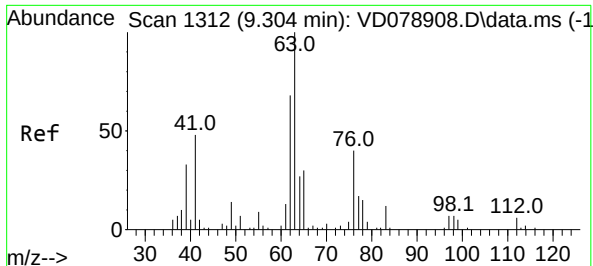
Delta R.T. 0.012 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Tgt Ion:130	Resp: 3341
Ion Ratio	Lower Upper
130	100
95	69.9 0.0 177.8





#45

1,2-Dichloropropane

Concen: 2.560 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion: 63 Resp: 276

Ion Ratio Lower Upper

63 100

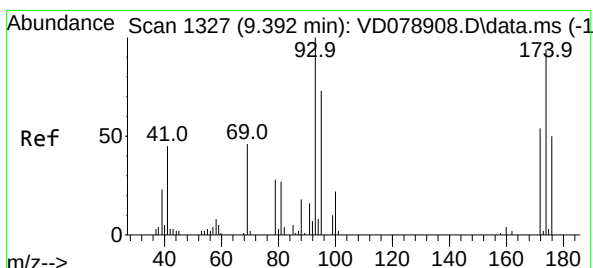
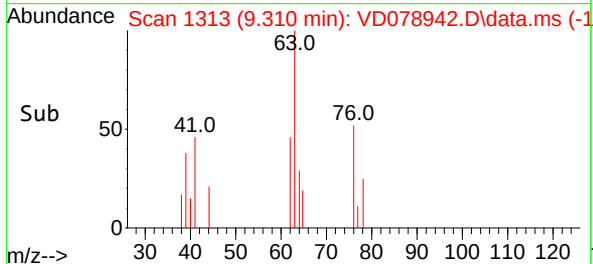
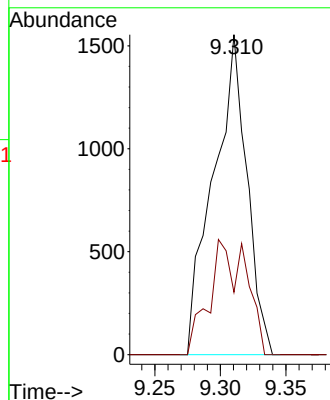
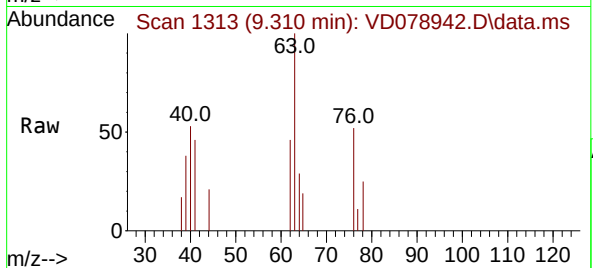
65 19.5 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024

Supervised By :Mahesh Dadoda 05/17/2024



#46

Dibromomethane

Concen: 2.030 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

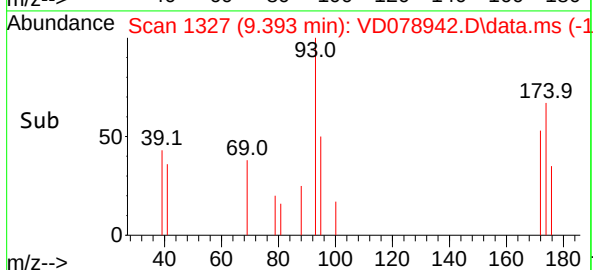
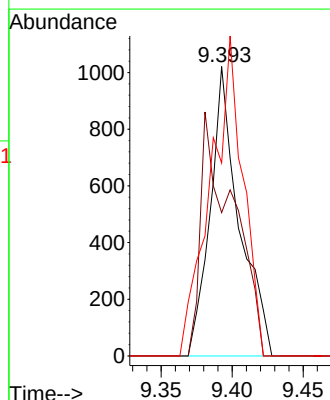
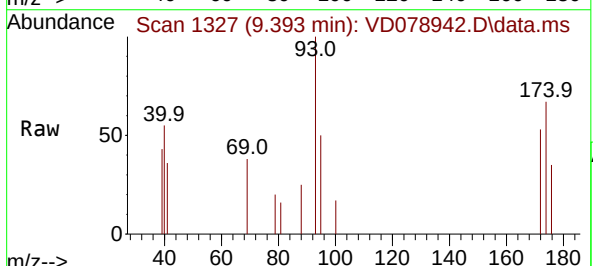
Tgt Ion: 93 Resp: 1442

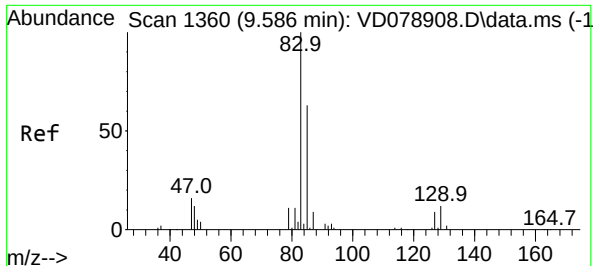
Ion Ratio Lower Upper

93 100

95 94.7 65.6 98.4

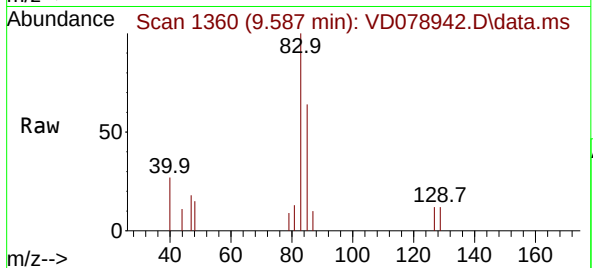
174 124.0 82.3 123.5





#47
Bromodichloromethane
Concen: 2.402 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

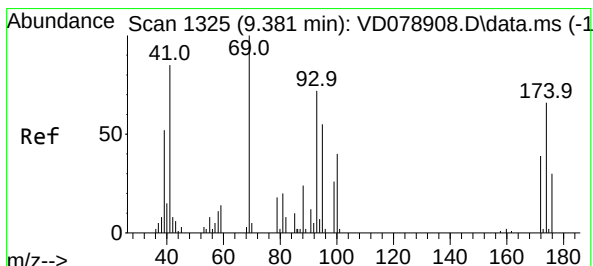
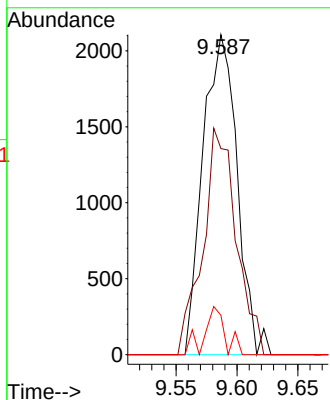
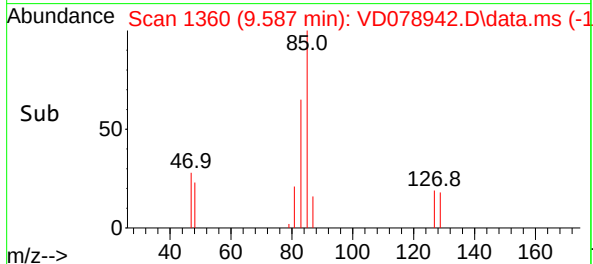
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2024



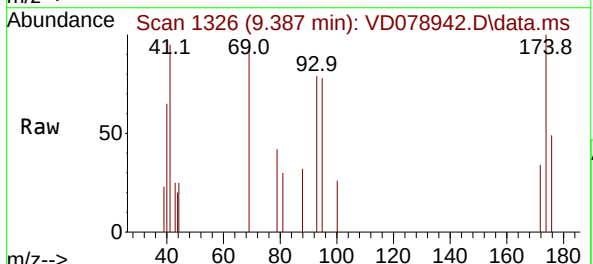
Tgt Ion: 83 Resp: 4108
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 12.3 6.8 10.2

Manual Integrations
APPROVED

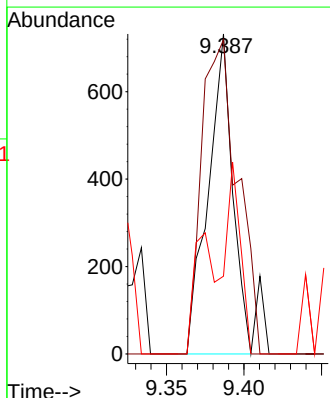
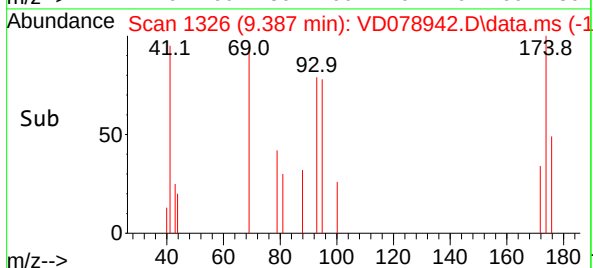
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

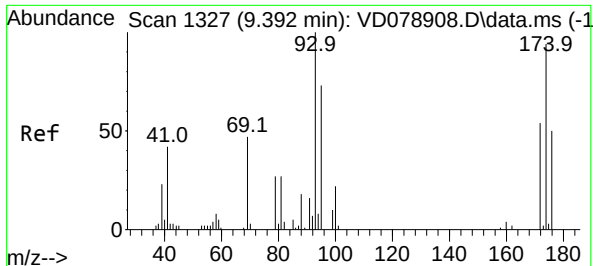


#48
Methyl methacrylate
Concen: 1.938 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



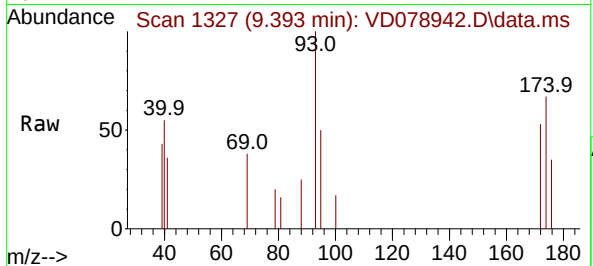
Tgt Ion: 41 Resp: 866
Ion Ratio Lower Upper
41 100
69 133.9 96.7 145.1
39 34.4 43.8 65.6





#49
1,4-Dioxane
 Concen: 66.093 ug/l
 RT: 9.393 min Scan# 1327
 Delta R.T. 0.000 min
 Lab File: VD078942.D
 Acq: 16 May 2024 12:18

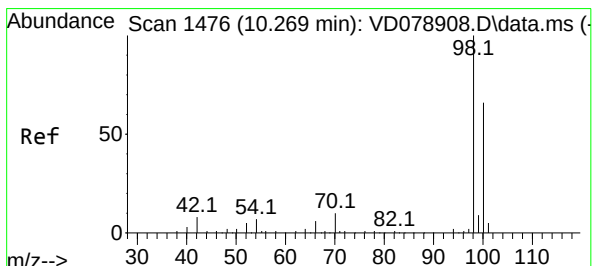
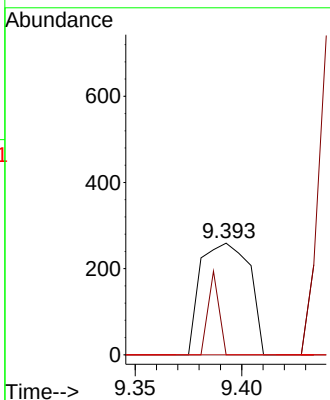
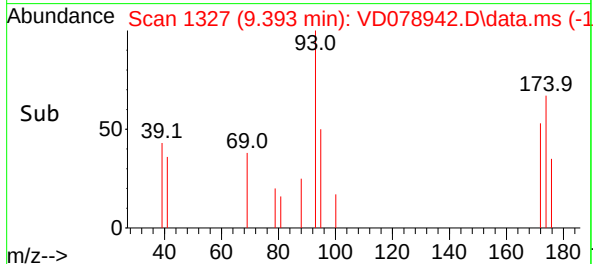
Instrument :
 MSVOA_D
ClientSampleId :
 MDL-SOIL-03-QT2-2024



Tgt Ion:	88	Resp:	41
Ion	Ratio	Lower	Upper
88	100		
43	16.5	21.5	32.3
58	0.0	42.2	63.4

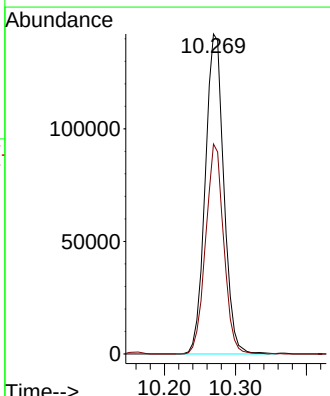
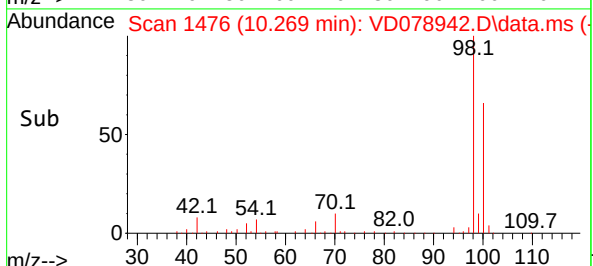
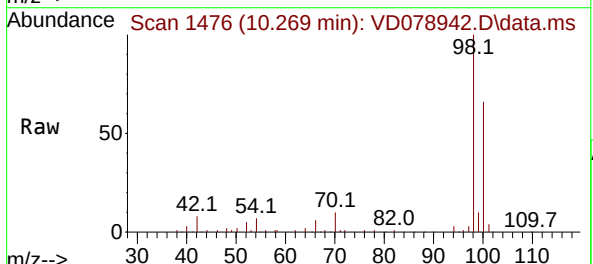
Manual Integrations
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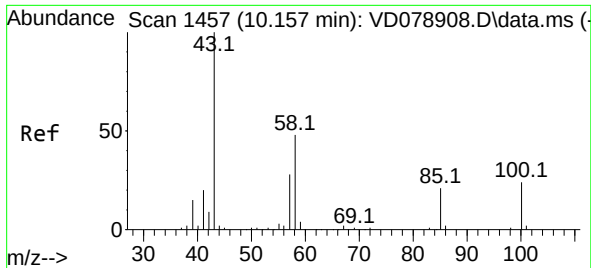
Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024



#50
Toluene-d8
 Concen: 56.385 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078942.D
 Acq: 16 May 2024 12:18

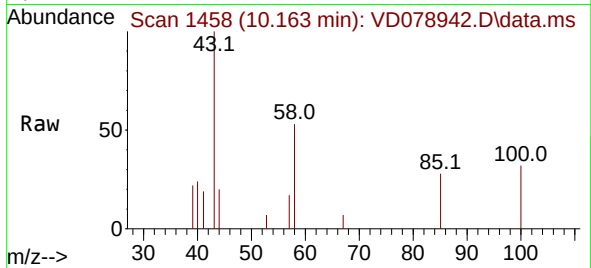
Tgt Ion:	98	Resp:	257894
Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 10.701 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

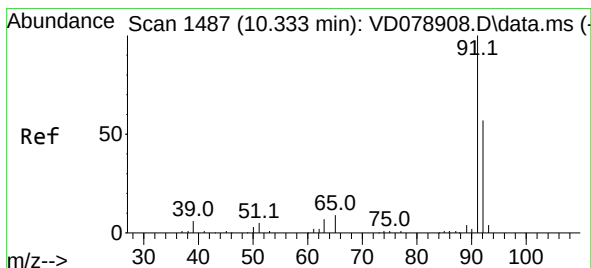
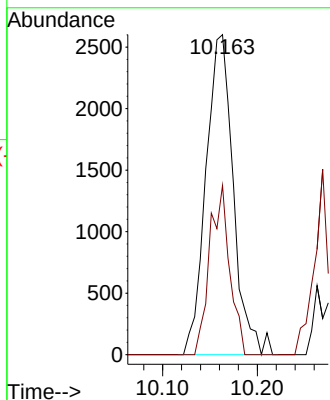
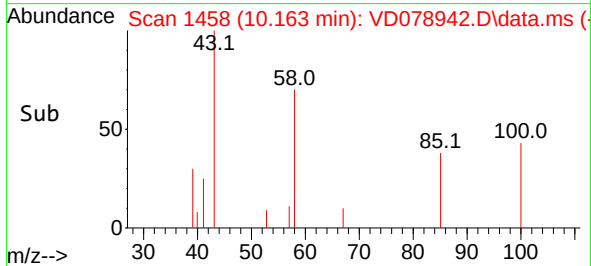
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
58 38.5 36.6 55.0

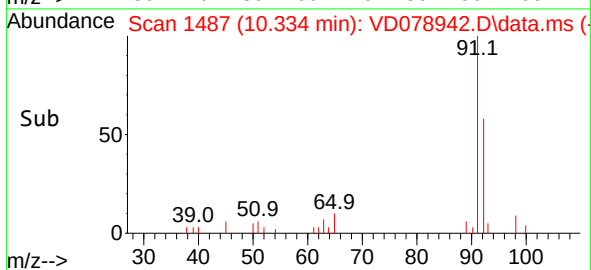
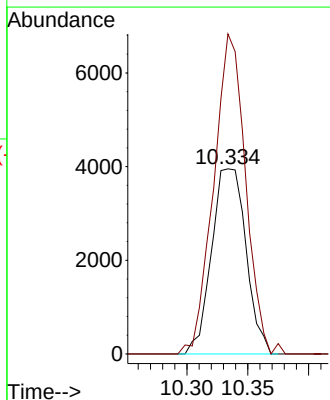
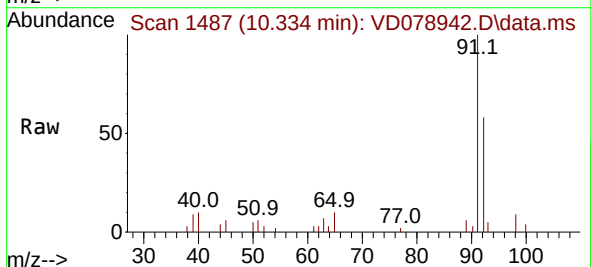
Manual Integrations
APPROVED

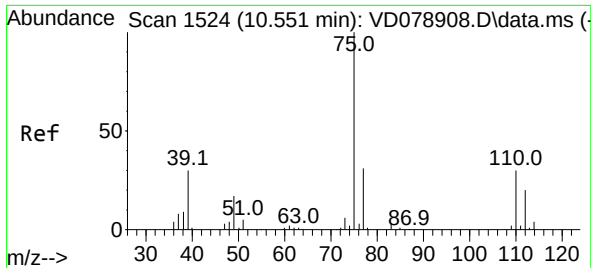
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#52
Toluene
Concen: 2.477 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

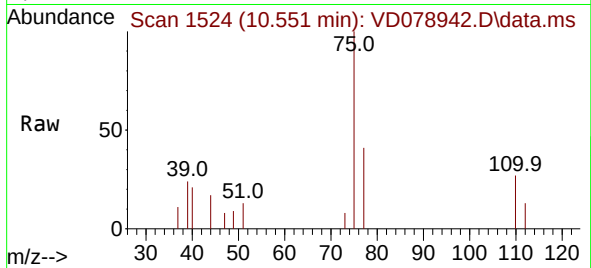
Tgt Ion: 92 Resp: 7785
Ion Ratio Lower Upper
92 100
91 160.3 141.7 212.5





#53
t-1,3-Dichloropropene
Concen: 2.395 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

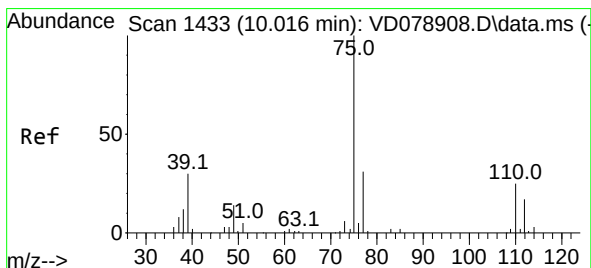
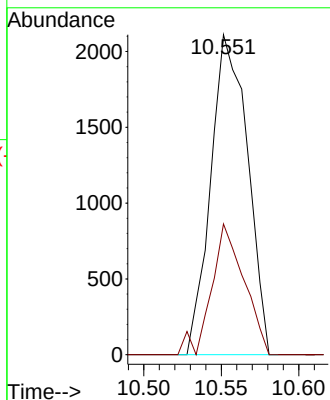
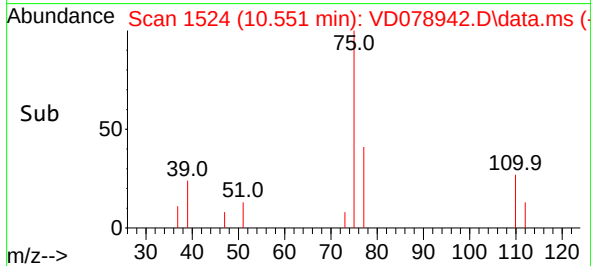
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 75 Resp: 3480
Ion Ratio Lower Upper
75 100
77 40.9 25.0 37.6

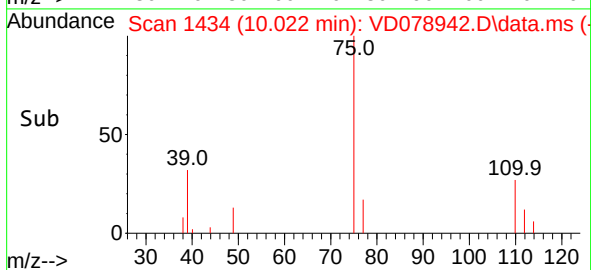
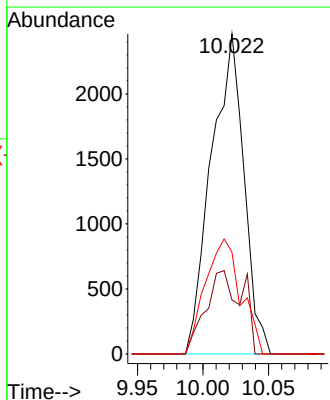
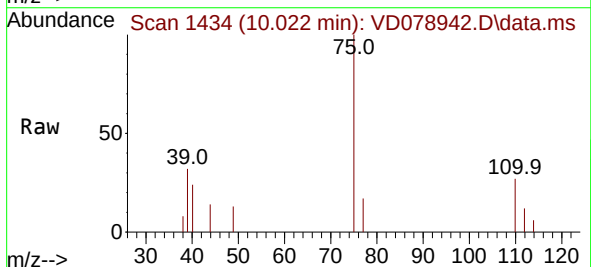
Manual Integrations
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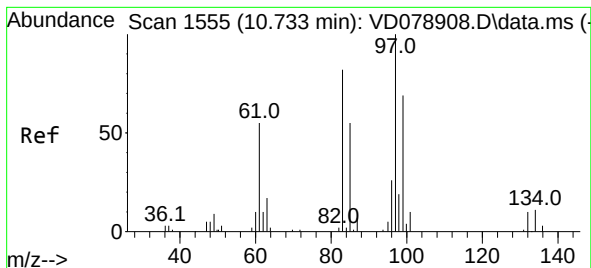
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#54
cis-1,3-Dichloropropene
Concen: 2.440 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

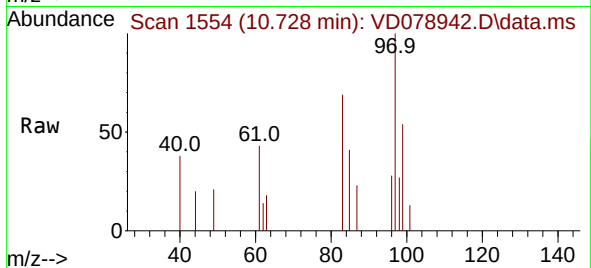
Tgt Ion: 75 Resp: 4255
Ion Ratio Lower Upper
75 100
77 16.9 24.4 36.6#
39 31.8 24.2 36.2





#55
1,1,2-Trichloroethane
Concen: 2.429 ug/l
RT: 10.728 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

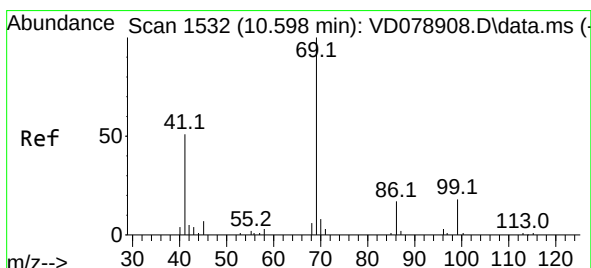
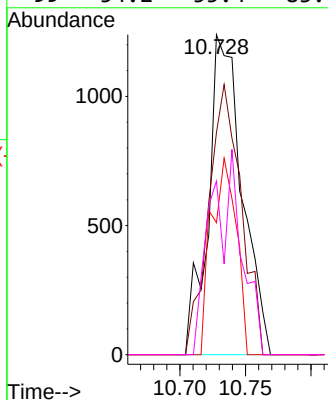
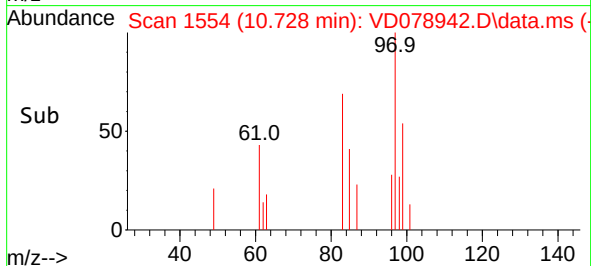
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	69.4	65.8	98.8
85	41.2	43.8	65.8
99	54.2	55.4	83.0

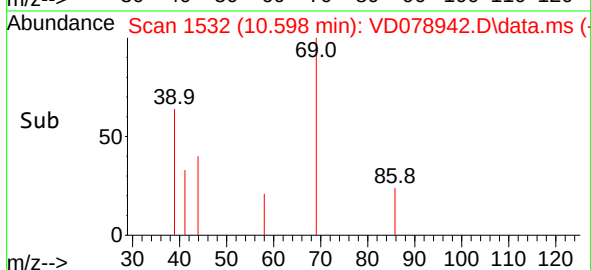
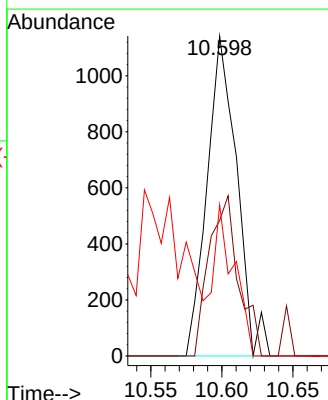
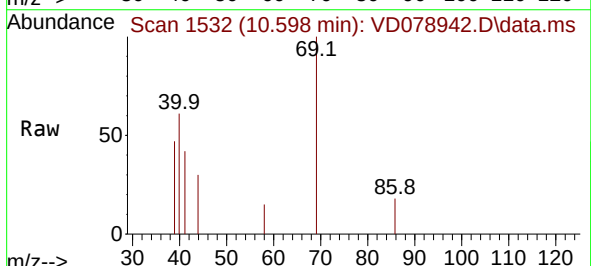
Manual Integrations
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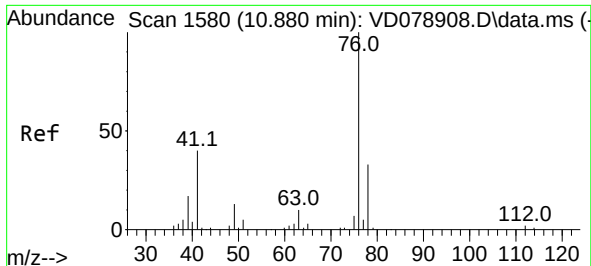
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#56
Ethyl methacrylate
Concen: 1.756 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	50.1	39.8	59.6
39	33.5	20.2	30.4





#57

1,3-Dichloropropane

Concen: 2.223 ug/l

RT: 10.881 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion: 76 Resp: 317

Ion Ratio Lower Upper

76 100

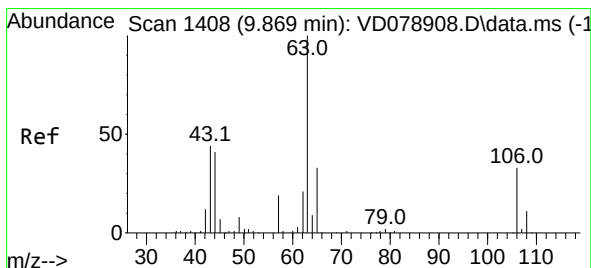
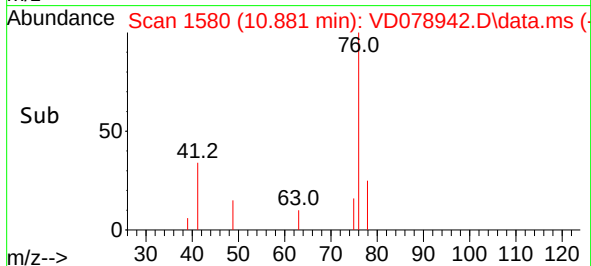
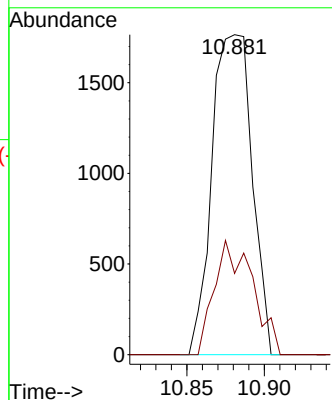
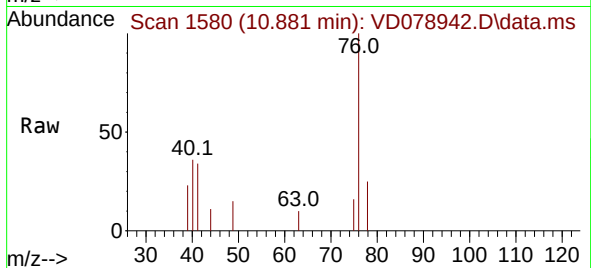
78 34.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024

Supervised By :Mahesh Dadoda 05/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 11.064 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078942.D

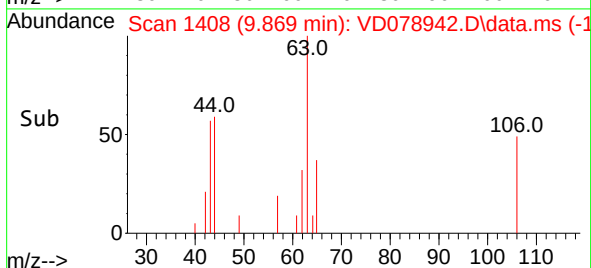
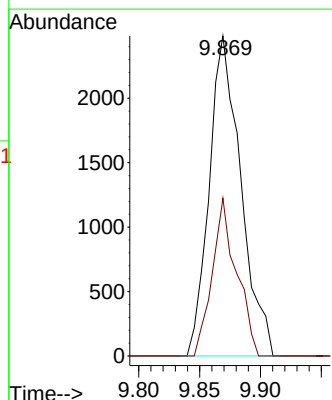
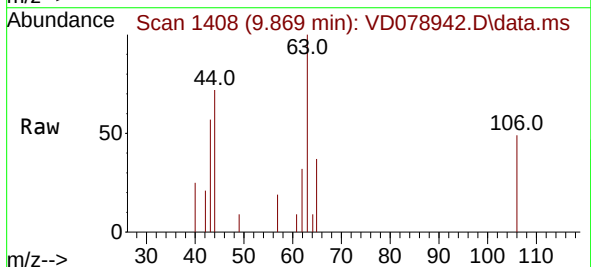
Acq: 16 May 2024 12:18

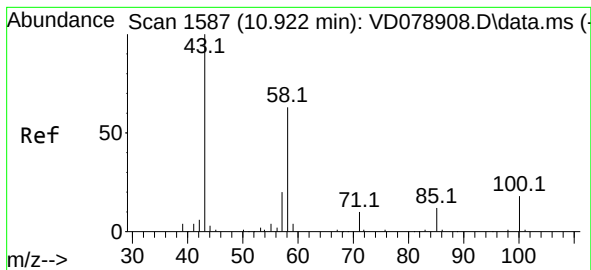
Tgt Ion: 63 Resp: 4489

Ion Ratio Lower Upper

63 100

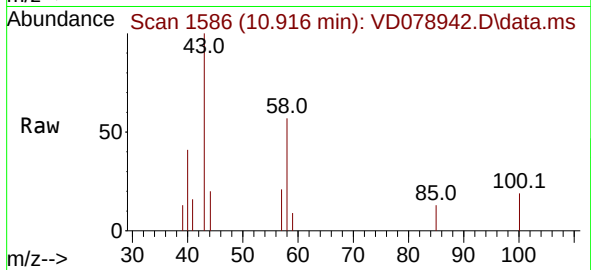
106 37.9 26.4 39.6





#59
2-Hexanone
Concen: 9.563 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

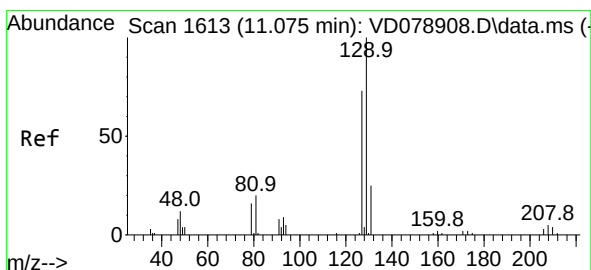
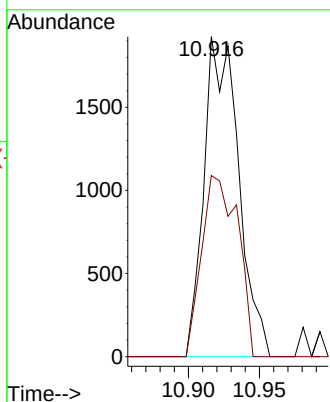
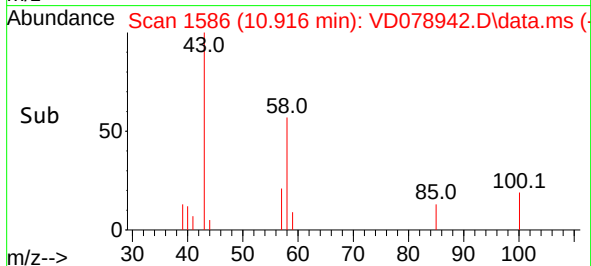
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 59.1 31.1 93.5

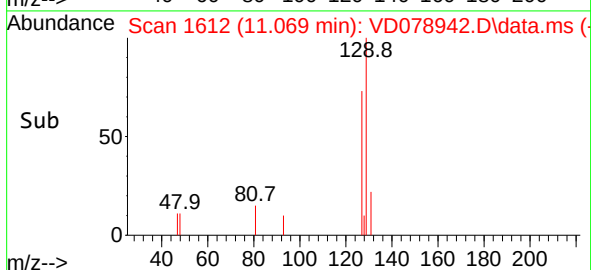
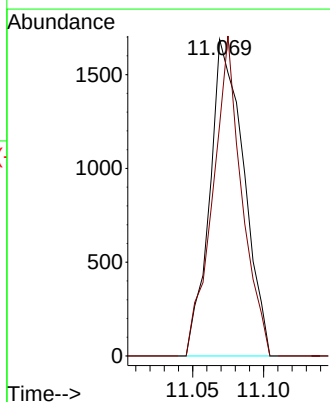
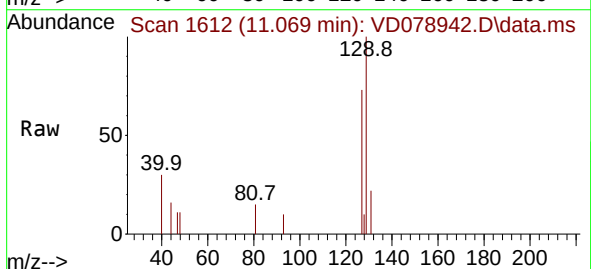
Manual Integrations
APPROVED

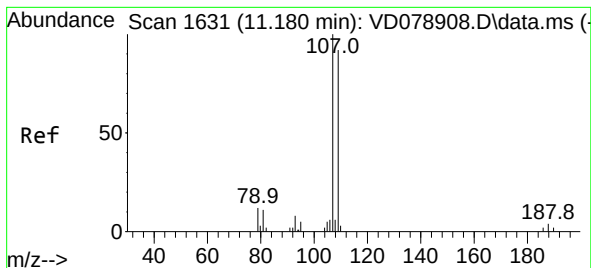
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#60
Dibromochloromethane
Concen: 2.246 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

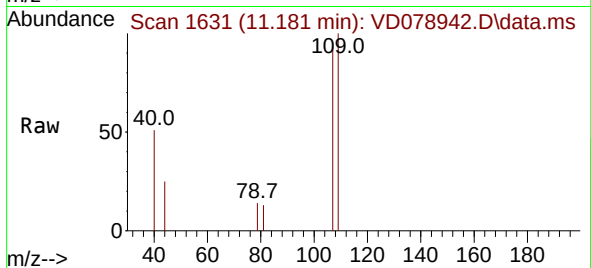
Tgt Ion:129 Resp: 2810
Ion Ratio Lower Upper
129 100
127 86.5 38.0 113.9





#61
1,2-Dibromoethane
Concen: 2.181 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

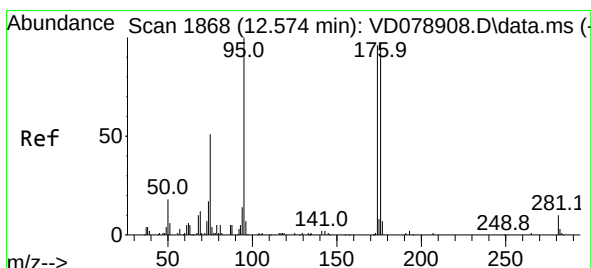
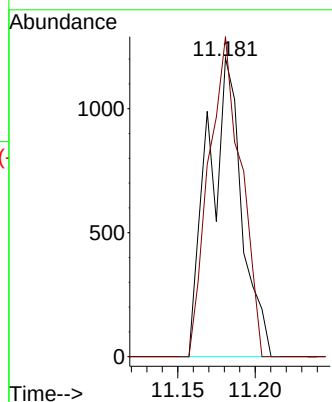
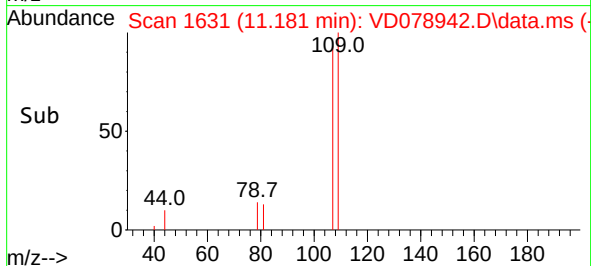
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



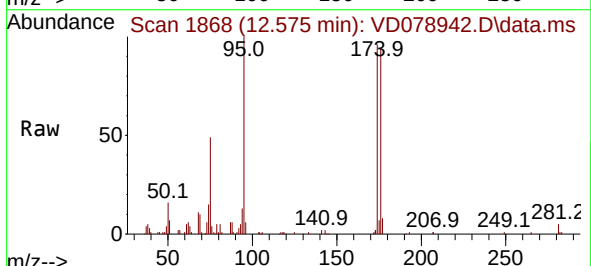
Tgt Ion:107 Resp: 1825
Ion Ratio Lower Upper
107 100
109 102.4 72.0 108.0

Manual Integrations
APPROVED

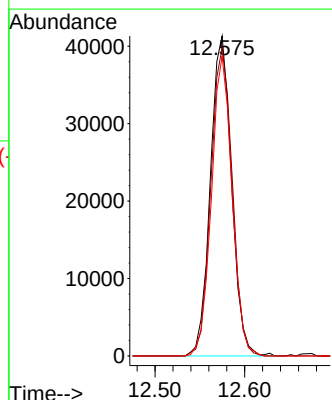
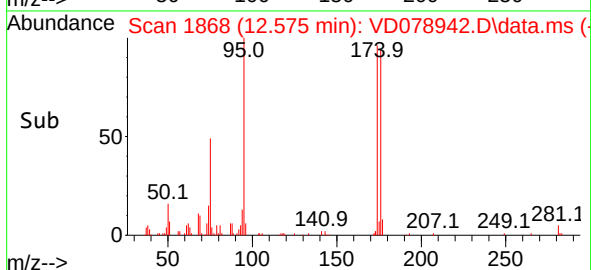
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

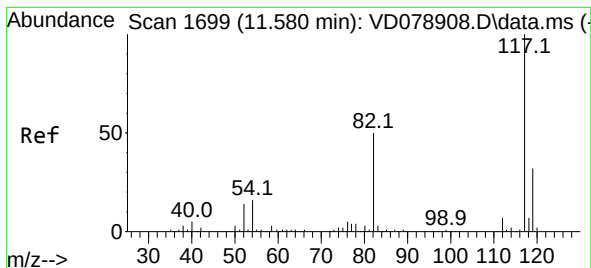


#62
4-Bromofluorobenzene
Concen: 52.695 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



Tgt Ion: 95 Resp: 67708
Ion Ratio Lower Upper
95 100
174 96.9 0.0 195.4
176 91.1 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

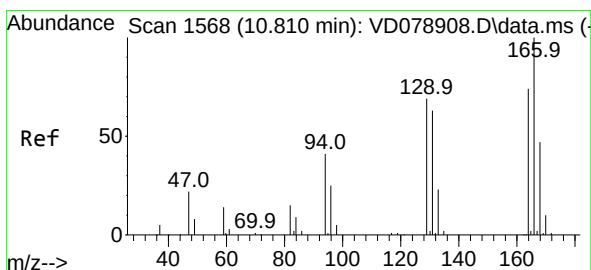
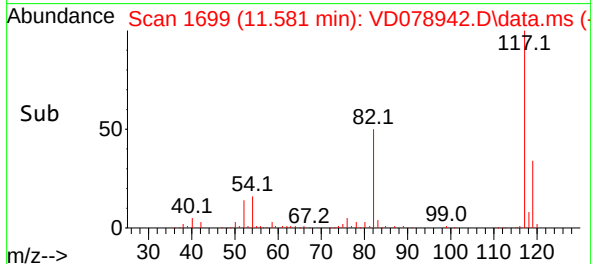
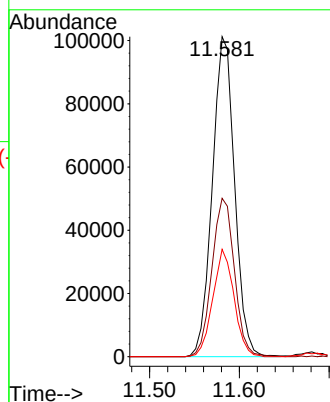
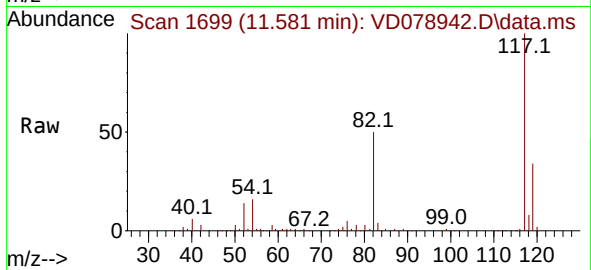
MDL-SOIL-03-QT2-2024

Tgt Ion:117	Resp: 17444
Ion Ratio	Lower Upper
117 100	
82 49.5	39.8 59.6
119 33.5	25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#64

Tetrachloroethene

Concen: 2.294 ug/l

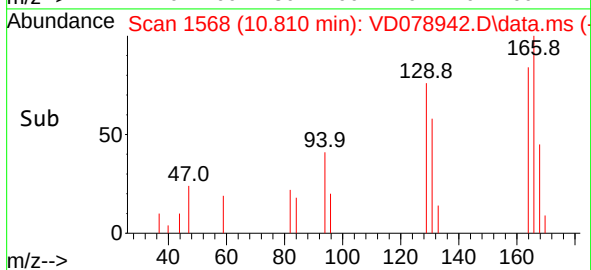
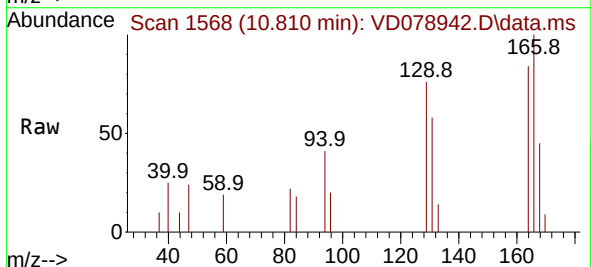
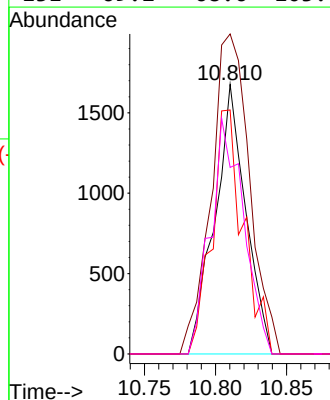
RT: 10.810 min Scan# 1568

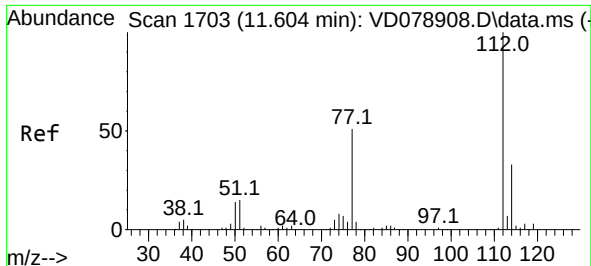
Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

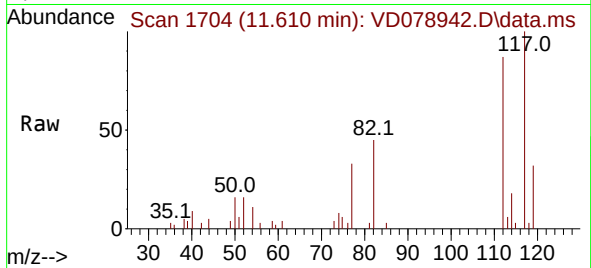
Tgt Ion:164	Resp: 2539
Ion Ratio	Lower Upper
164 100	
166 118.7	108.6 163.0
129 90.5	74.6 112.0
131 69.2	68.6 103.0





#65
Chlorobenzene
Concen: 2.540 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

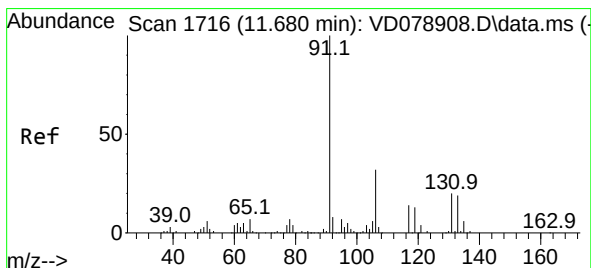
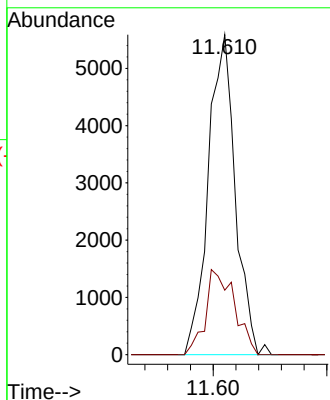
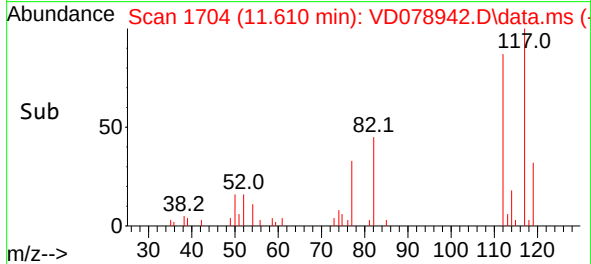
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:112 Resp: 9210
Ion Ratio Lower Upper
112 100
114 20.2 26.0 39.0

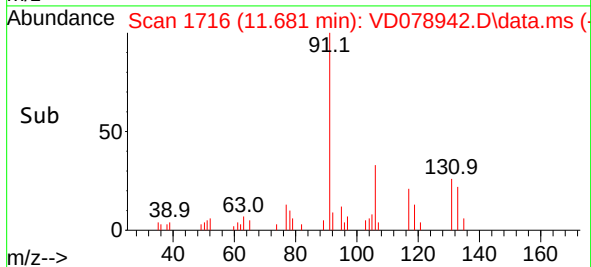
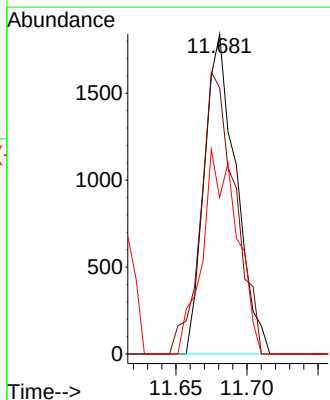
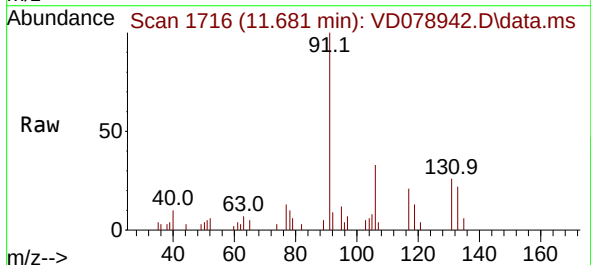
Manual Integrations
APPROVED

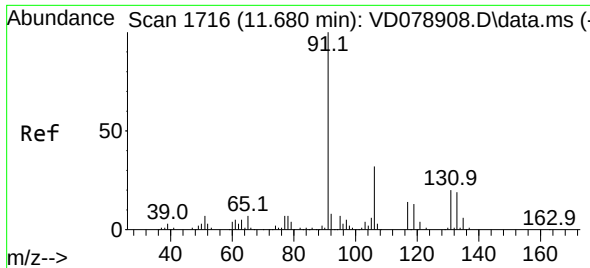
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.270 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

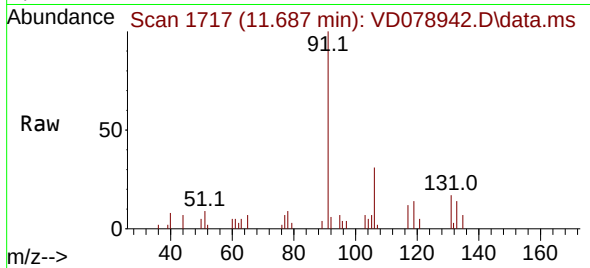
Tgt Ion:131 Resp: 2847
Ion Ratio Lower Upper
131 100
133 95.4 49.2 147.6
119 71.1 33.4 100.2





#67
Ethyl Benzene
Concen: 2.108 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

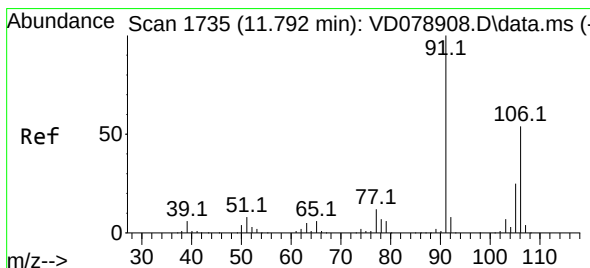
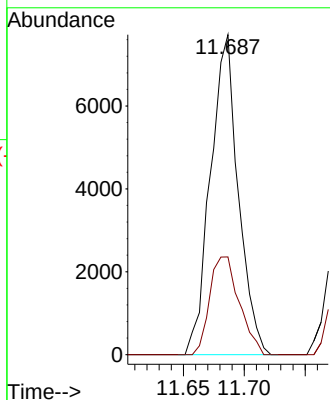
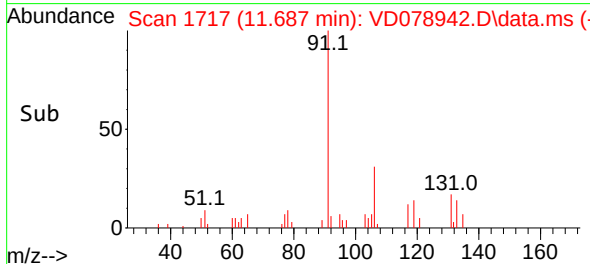
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 91 Resp: 12302
Ion Ratio Lower Upper
91 100
106 30.5 25.8 38.6

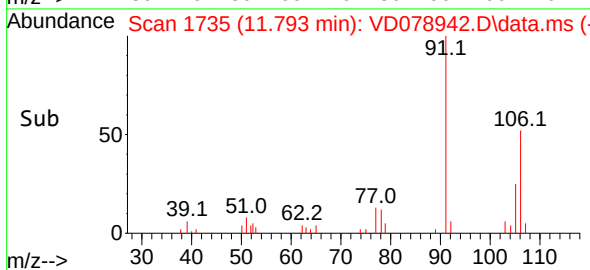
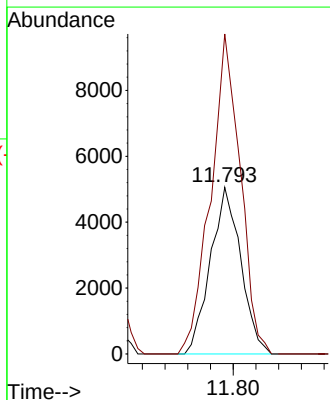
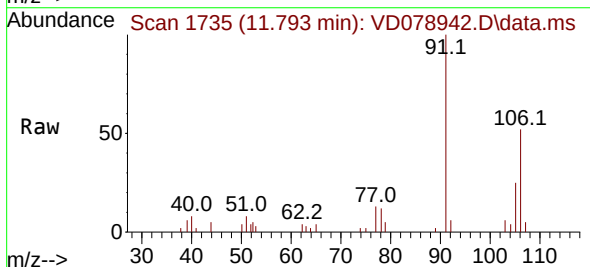
Manual Integrations
APPROVED

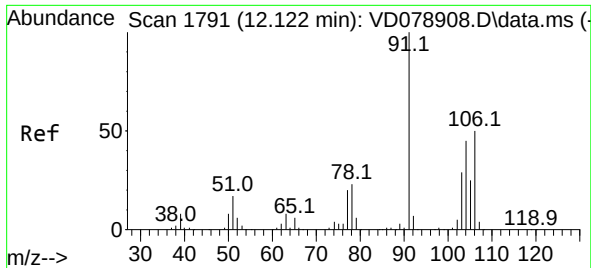
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#68
m/p-Xylenes
Concen: 3.962 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Tgt Ion:106 Resp: 9402
Ion Ratio Lower Upper
106 100
91 186.8 148.5 222.7





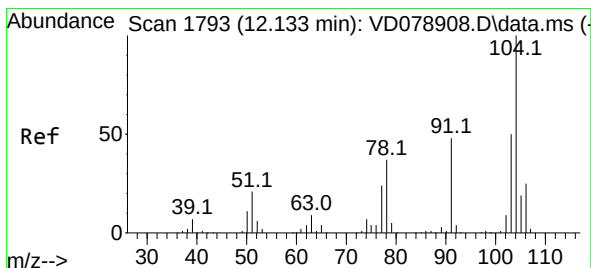
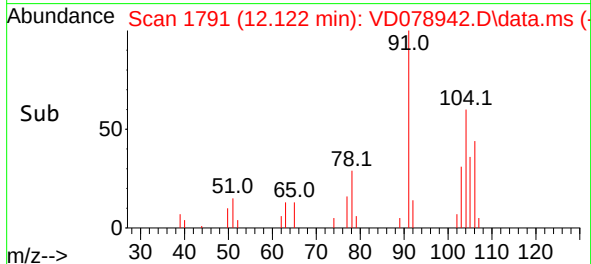
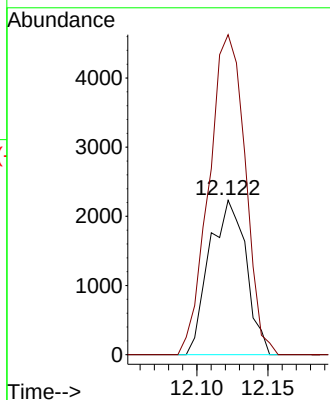
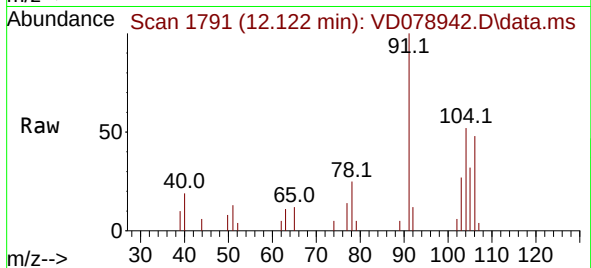
#69
o-Xylene
Concen: 1.859 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:106 Resp: 402
Ion Ratio Lower Upper
106 100
91 204.6 96.7 290.1

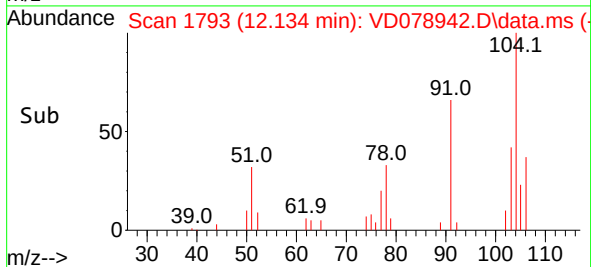
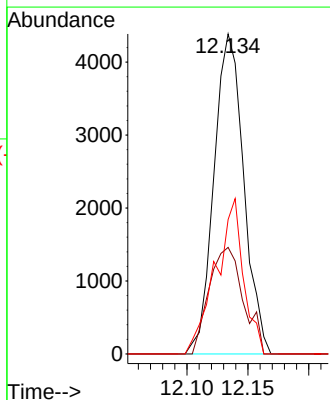
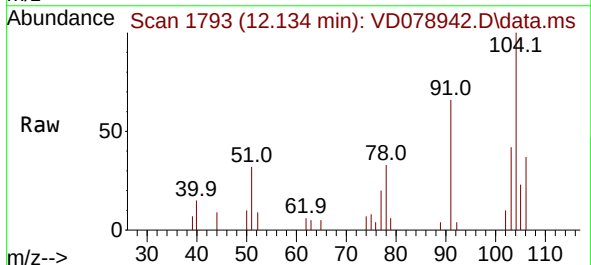
Manual Integrations
APPROVED

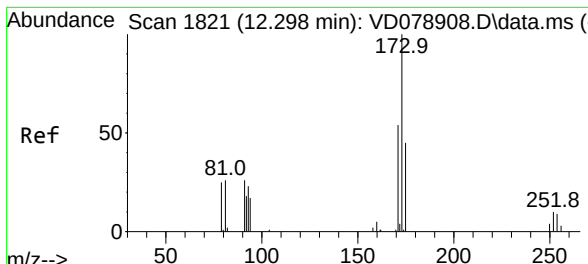
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#70
Styrene
Concen: 1.945 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

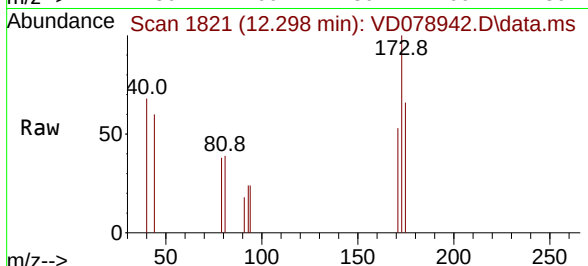
Tgt Ion:104 Resp: 7458
Ion Ratio Lower Upper
104 100
78 38.3 33.0 49.6
103 45.6 44.2 66.4





#71
Bromoform
Concen: 2.000 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

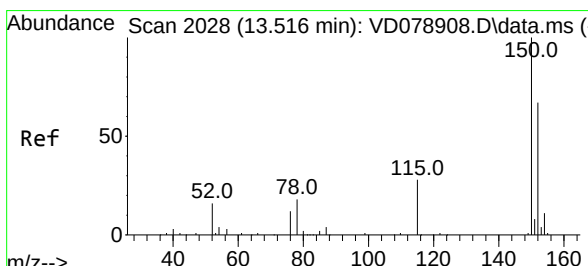
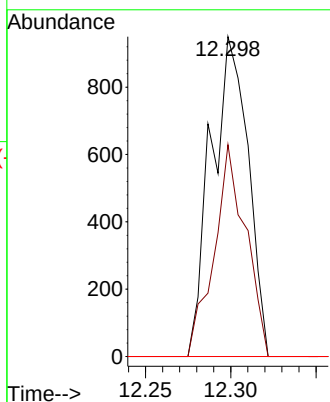
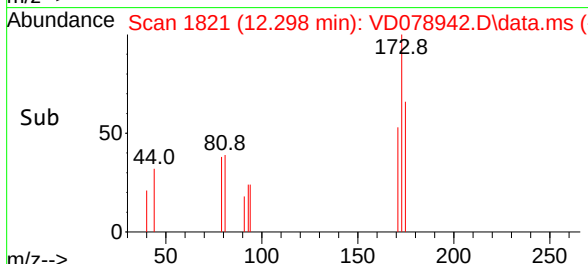
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:	173	Resp:	143
Ion Ratio	Lower	Upper	
173	100		
175	56.6	23.7	71.1
254	0.0	0.0	0.0

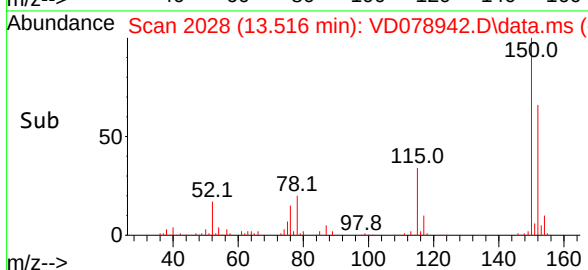
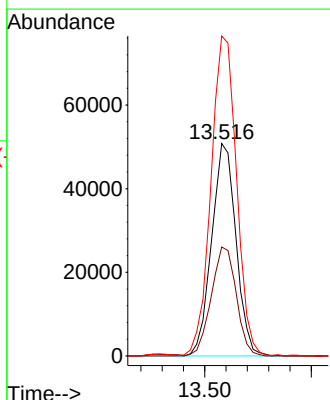
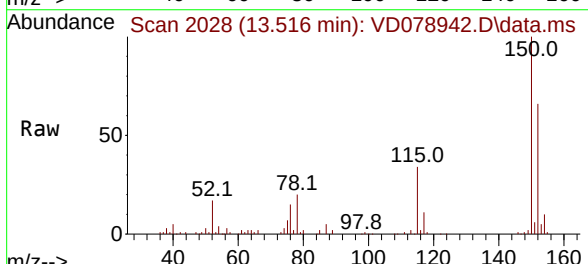
Manual Integrations
APPROVED

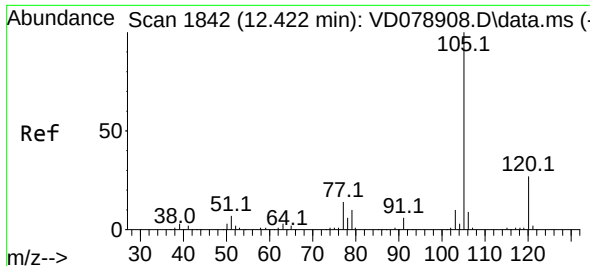
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

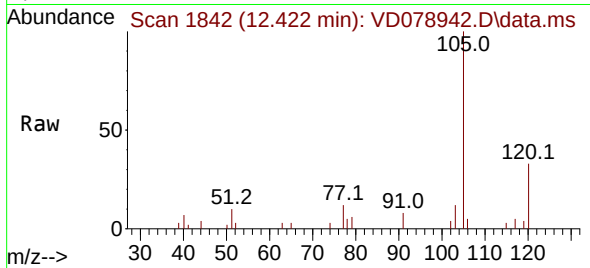
Tgt Ion:	152	Resp:	80626
Ion Ratio	Lower	Upper	
152	100		
115	52.6	26.5	79.5
150	158.0	0.0	341.6





#73
Isopropylbenzene
Concen: 2.120 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

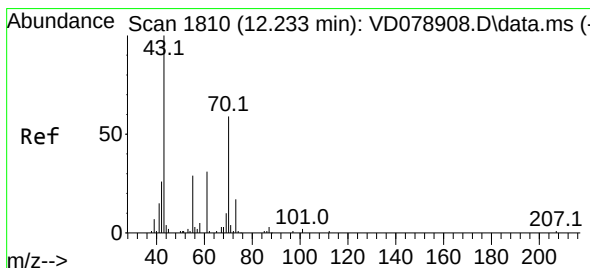
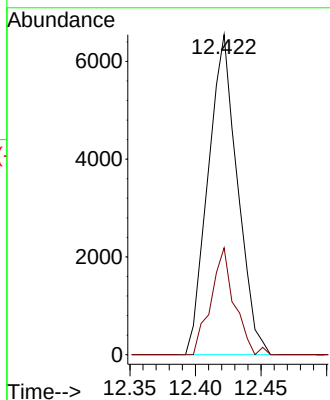
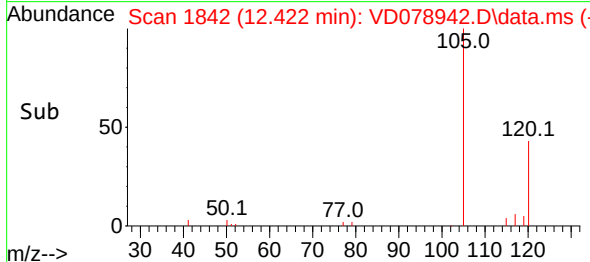
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2024



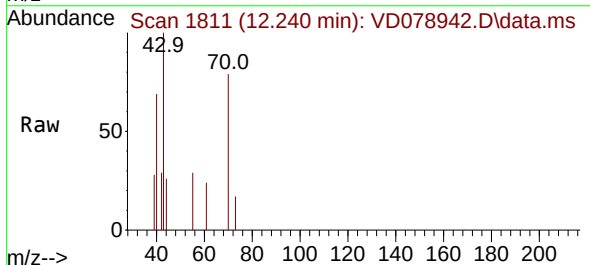
Tgt Ion:105 Resp: 10204
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.7

Manual Integrations
APPROVED

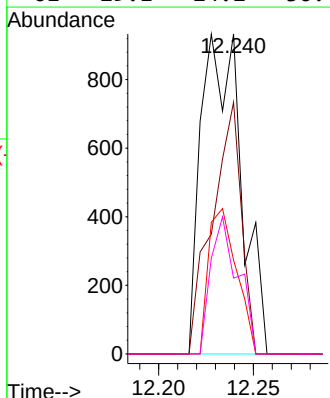
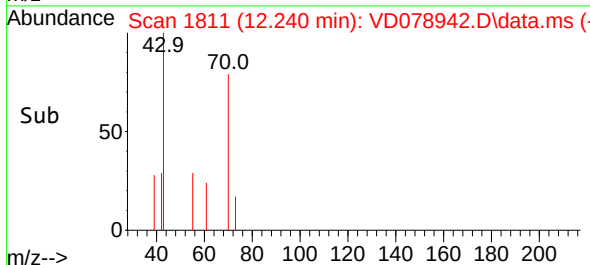
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

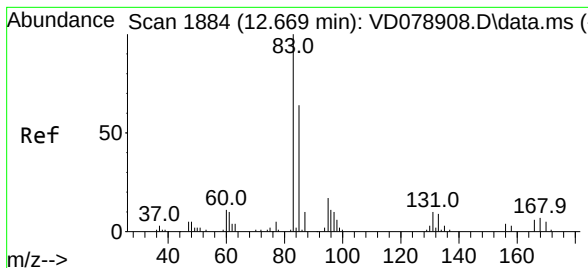


#74
N-ethyl acetate
Concen: 1.761 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



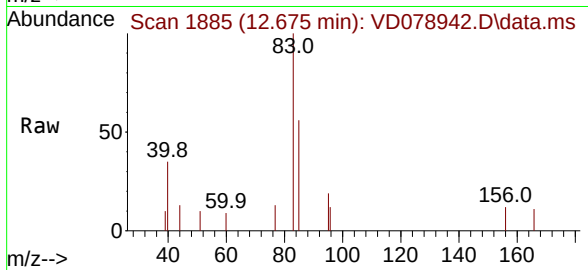
Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
70 57.3 44.3 66.5
55 31.9 23.2 34.8
61 29.1 24.2 36.4





#75
1,1,2,2-Tetrachloroethane
Concen: 2.829 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

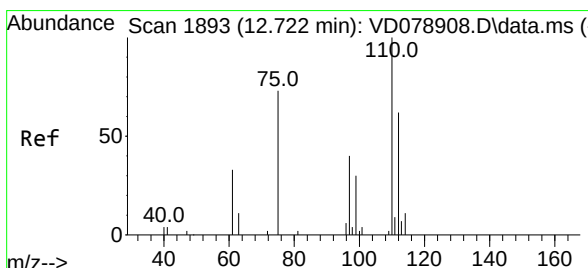
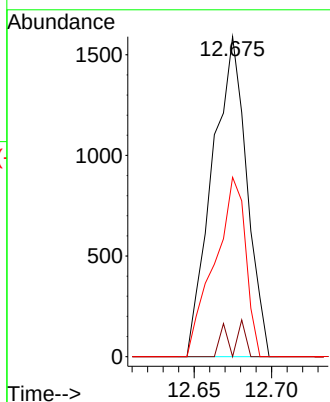
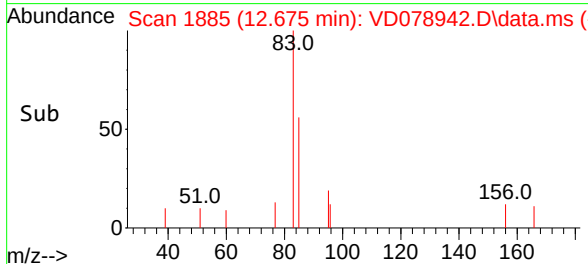
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion: 83 Resp: 2450
Ion Ratio Lower Upper
83 100
131 5.0 5.5 16.5
85 50.5 33.8 101.3

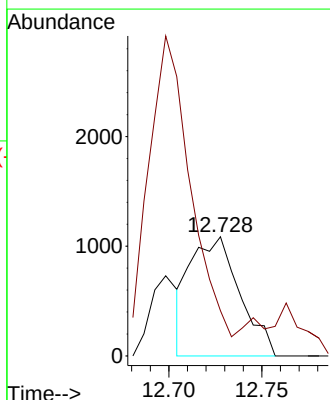
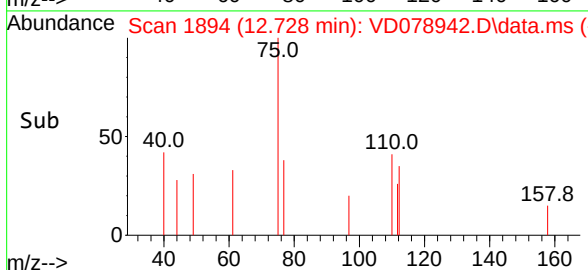
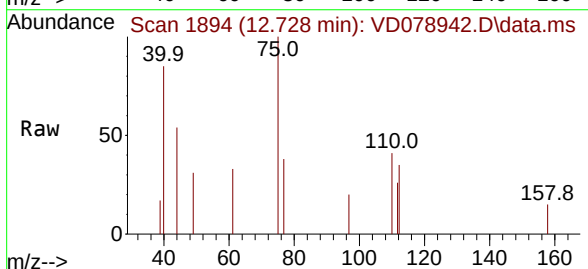
Manual Integrations
APPROVED

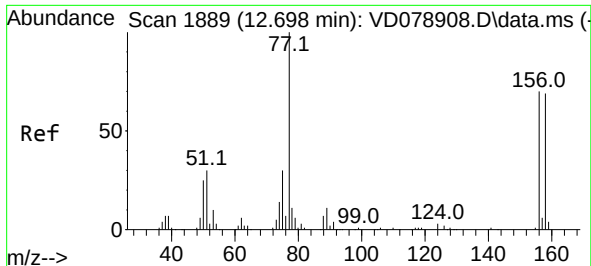
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#76
1,2,3-Trichloropropane
Concen: 3.527 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

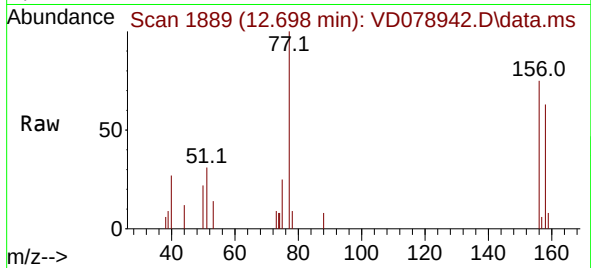
Tgt Ion: 75 Resp: 2002
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.631 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

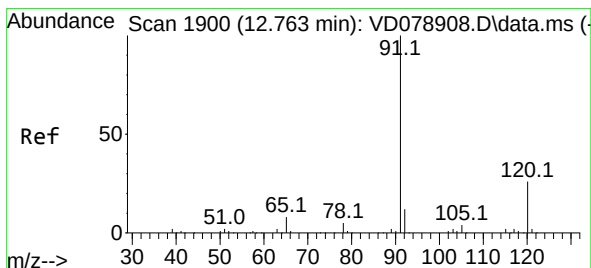
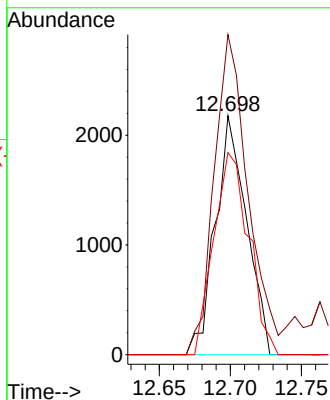
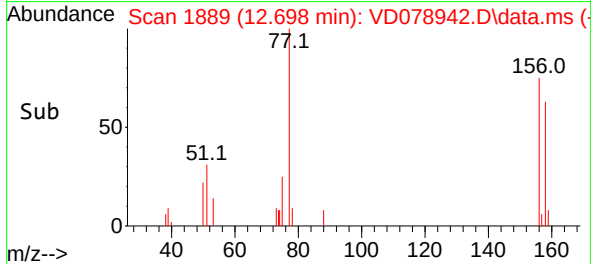
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



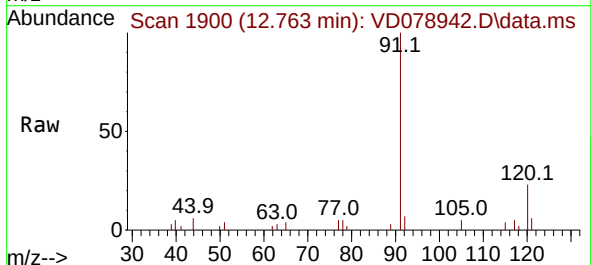
Tgt Ion: 156 Resp: 3330
Ion Ratio Lower Upper
156 100
77 145.2 77.3 231.9
158 94.8 49.6 149.0

Manual Integrations
APPROVED

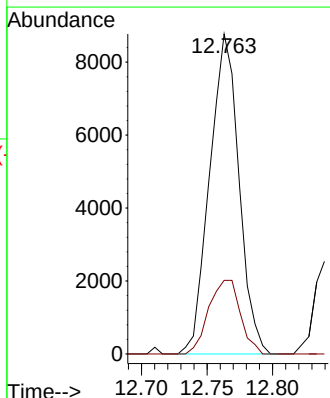
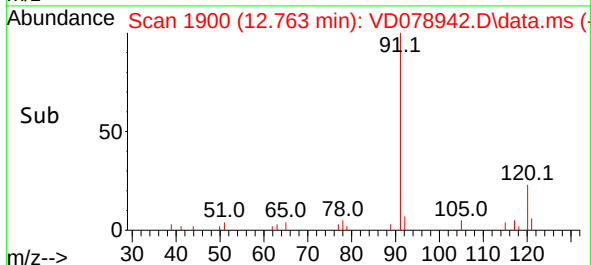
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

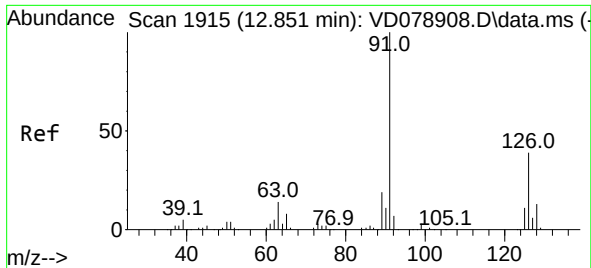


#78
n-propylbenzene
Concen: 2.345 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



Tgt Ion: 91 Resp: 13642
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8





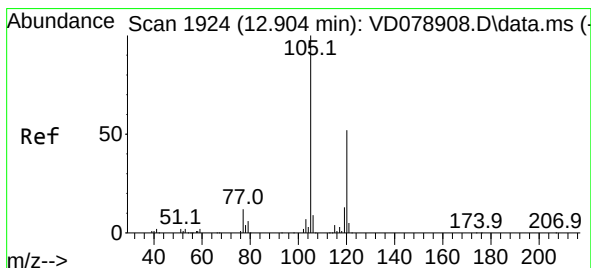
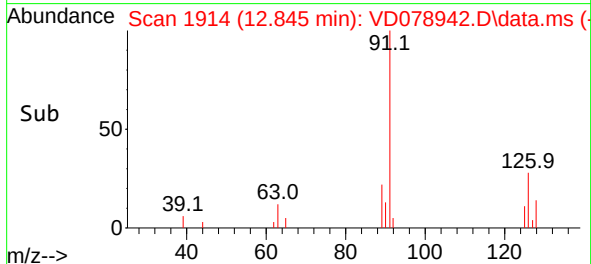
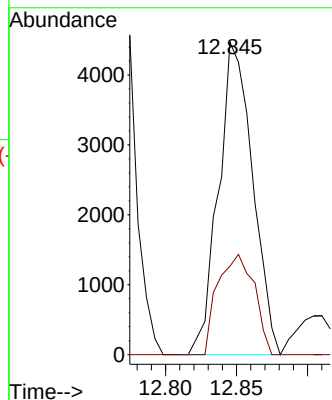
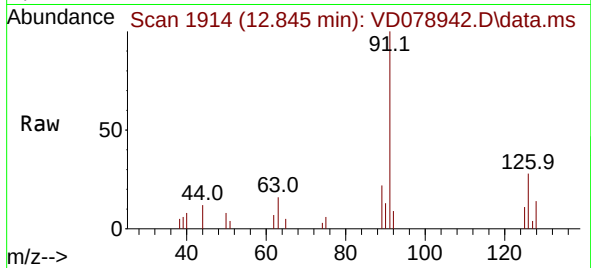
#79
2-Chlorotoluene
Concen: 2.313 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion: 91 Resp: 747
Ion Ratio Lower Upper
91 100
126 34.3 19.3 57.8

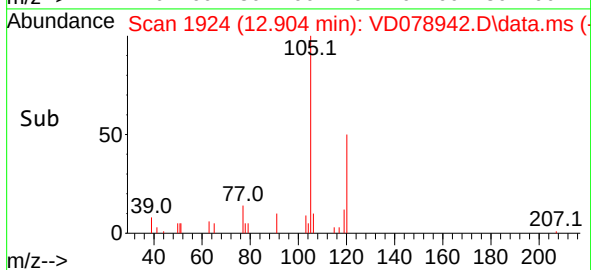
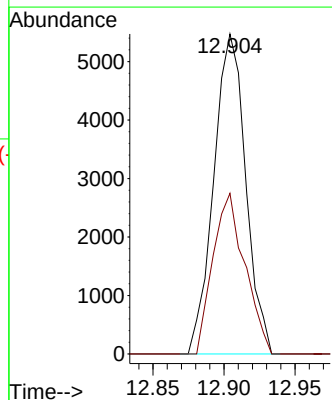
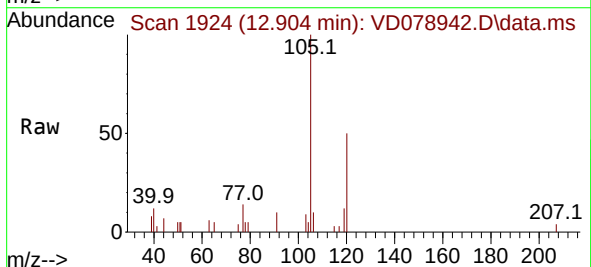
Manual Integrations
APPROVED

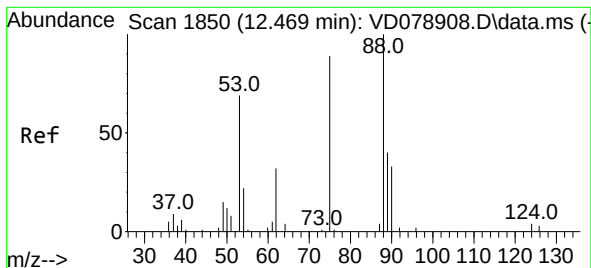
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.143 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

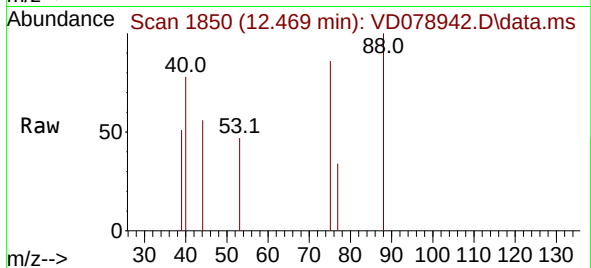
Tgt Ion:105 Resp: 8569
Ion Ratio Lower Upper
105 100
120 50.2 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 2.795 ug/l m
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

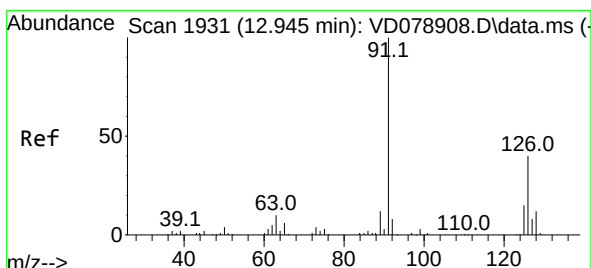
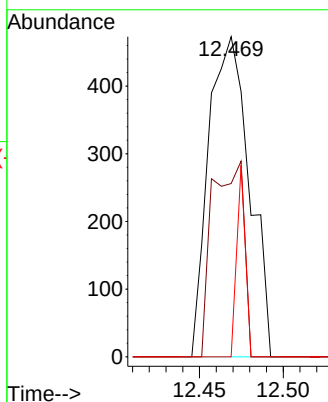
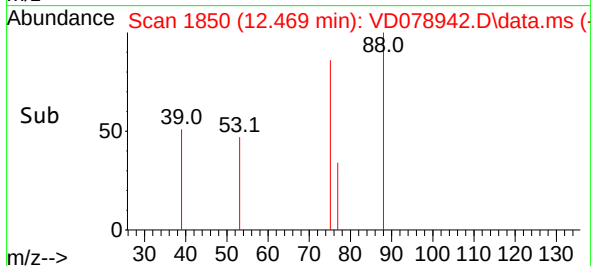
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2024



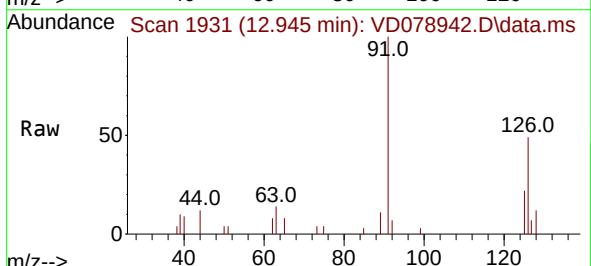
Tgt Ion: 75 Resp: 800
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2
89 11.1 35.4 53.0

Manual Integrations
APPROVED

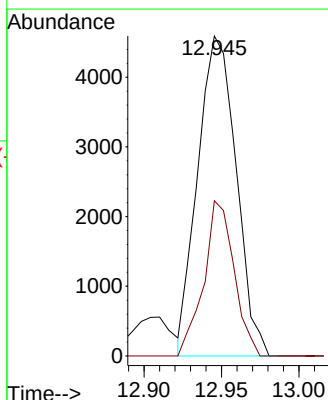
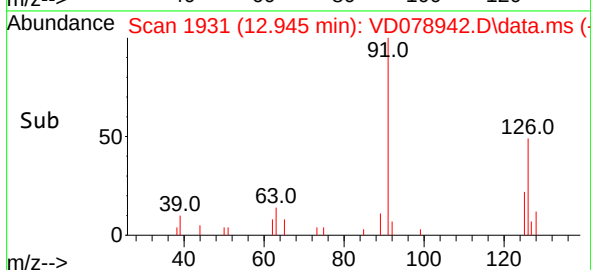
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

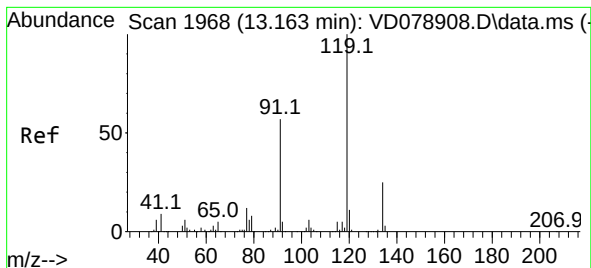


#82
4-Chlorotoluene
Concen: 2.333 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



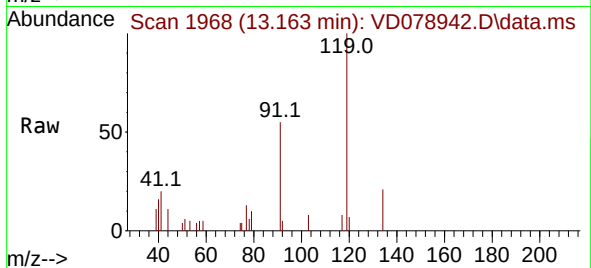
Tgt Ion: 91 Resp: 7914
Ion Ratio Lower Upper
91 100
126 38.3 18.9 56.9





#83
tert-Butylbenzene
Concen: 2.114 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

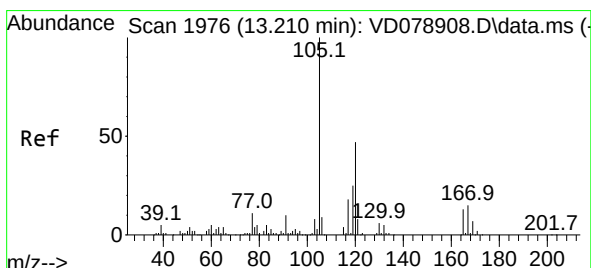
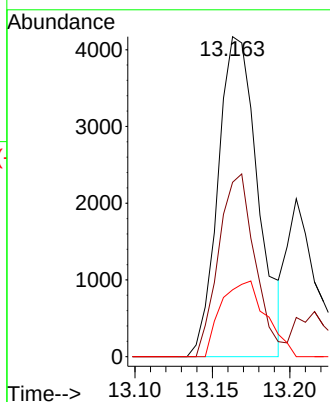
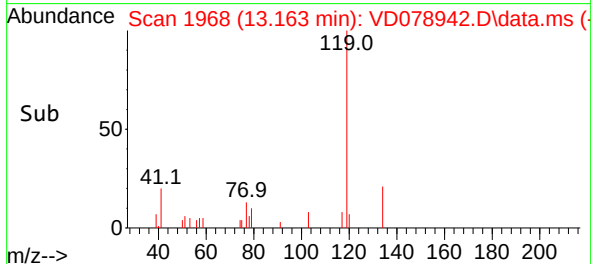
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2024



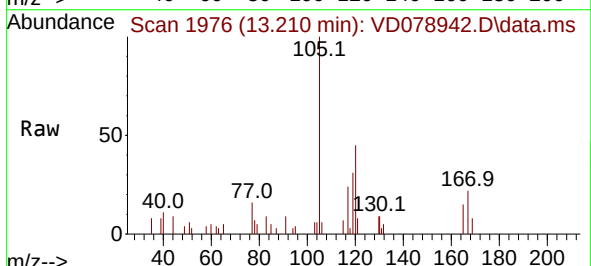
Tgt Ion:119 Resp: 7475
Ion Ratio Lower Upper
119 100
91 52.6 28.2 84.7
134 26.5 13.4 40.1

Manual Integrations
APPROVED

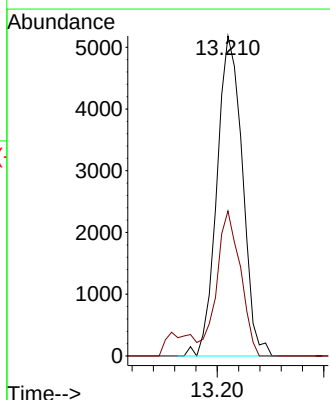
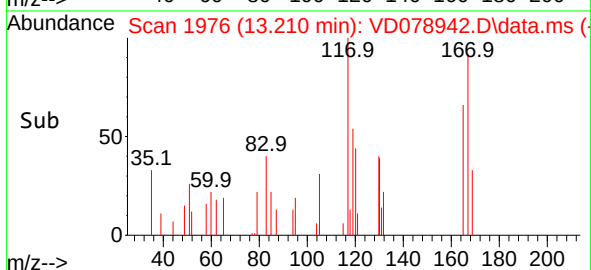
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

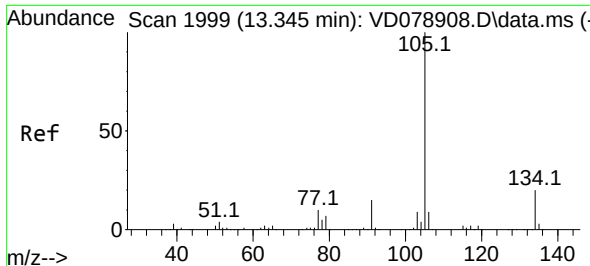


#84
1,2,4-Trimethylbenzene
Concen: 2.074 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



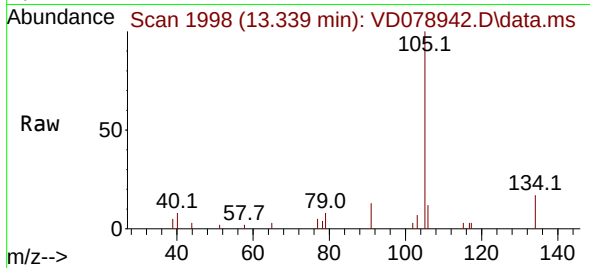
Tgt Ion:105 Resp: 8591
Ion Ratio Lower Upper
105 100
120 42.3 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 2.044 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.006 min
 Lab File: VD078942.D
 Acq: 16 May 2024 12:18

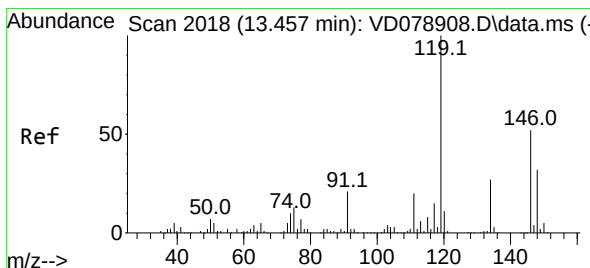
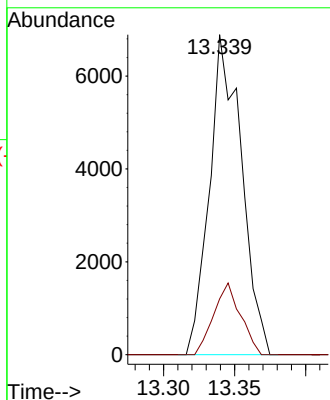
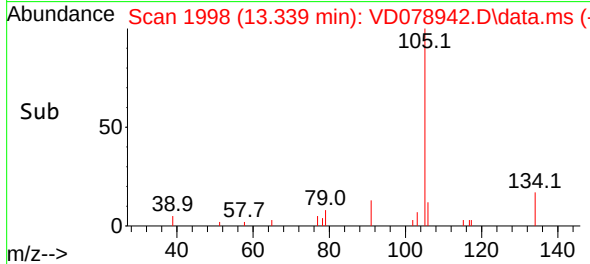
Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT2-2024



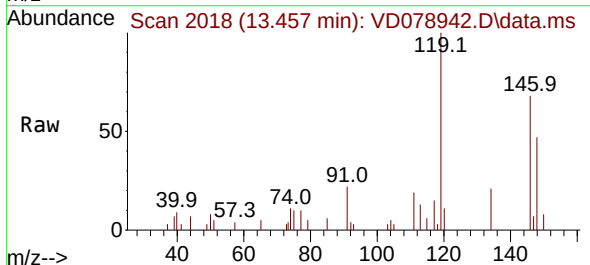
Tgt Ion:105 Resp: 1078
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.3 30.8

Manual Integrations
 APPROVED

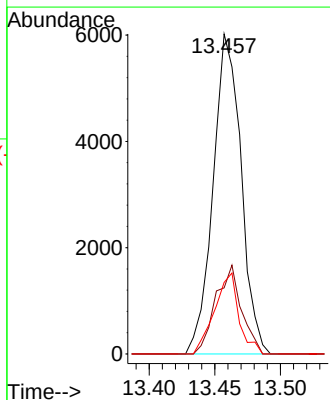
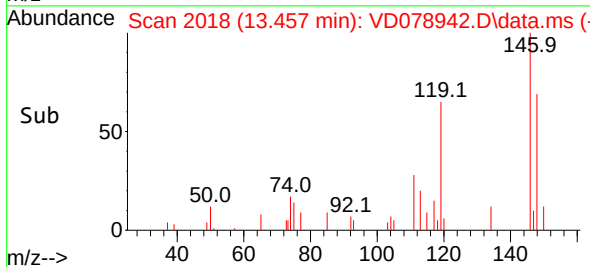
Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

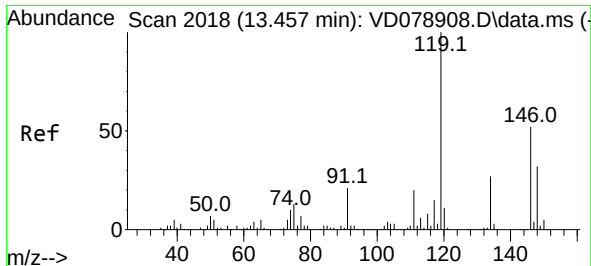


#86
 p-Isopropyltoluene
 Concen: 1.940 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078942.D
 Acq: 16 May 2024 12:18



Tgt Ion:119 Resp: 8916
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.7 41.1
 91 22.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.336 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2024

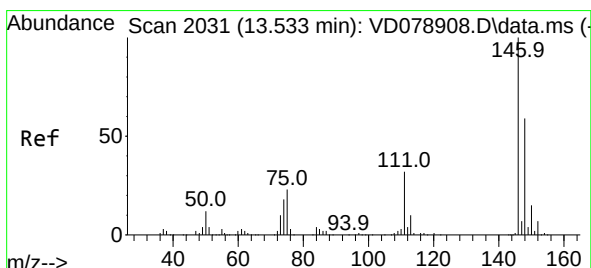
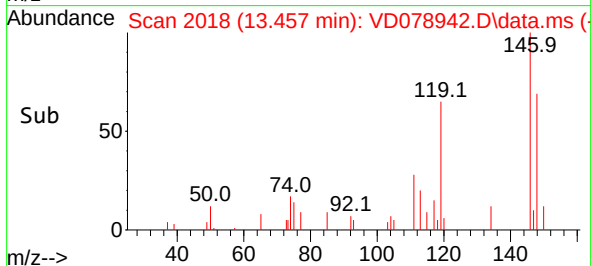
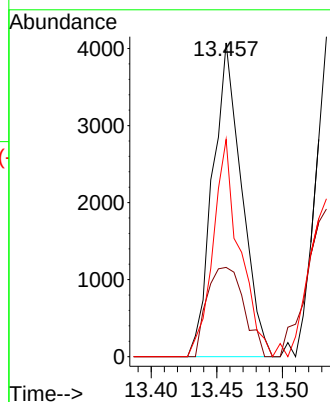
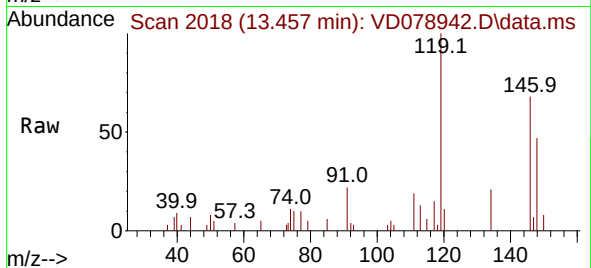
Tgt Ion:146 Resp: 6250

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.5	55.5
148	63.7	30.9	92.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#88

1,4-Dichlorobenzene

Concen: 2.503 ug/l

RT: 13.534 min Scan# 2031

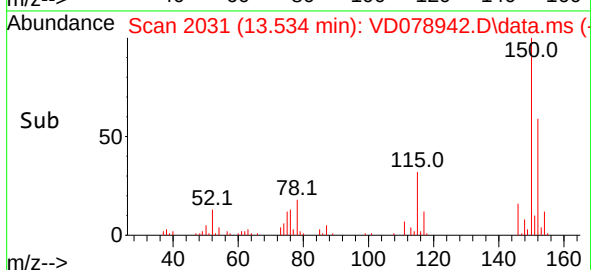
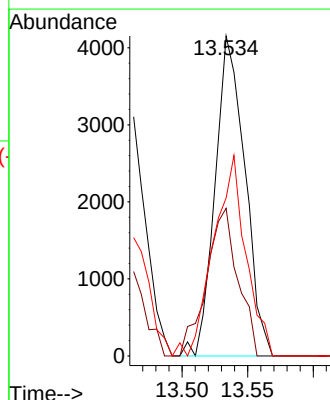
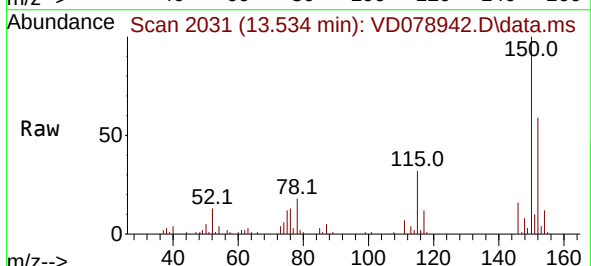
Delta R.T. 0.000 min

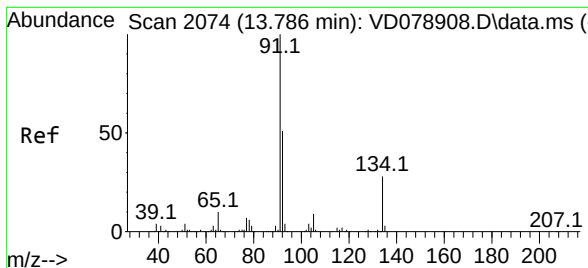
Lab File: VD078942.D

Acq: 16 May 2024 12:18

Tgt Ion:146 Resp: 6563

Ion	Ratio	Lower	Upper
146	100		
111	48.8	17.5	52.6
148	66.9	31.4	94.2





#89

n-Butylbenzene

Concen: 2.064 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

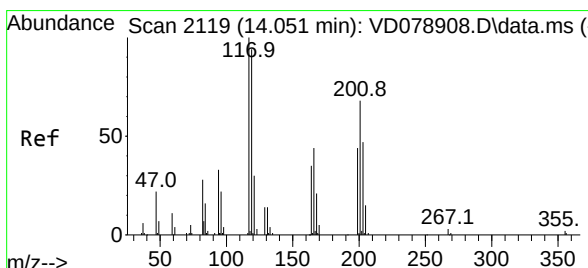
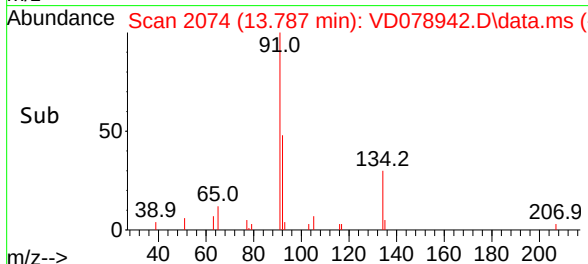
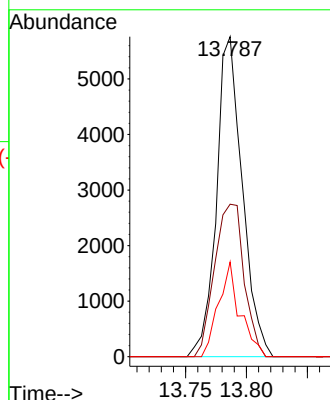
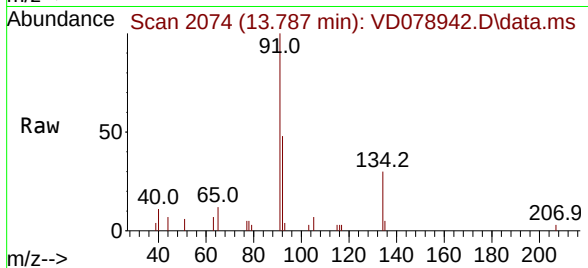
MDL-SOIL-03-QT2-2024

Tgt Ion:	91	Resp:	849
Ion Ratio	Lower	Upper	
91	100		
92	54.5	25.7	77.0
134	24.7	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#90

Hexachloroethane

Concen: 2.783 ug/l

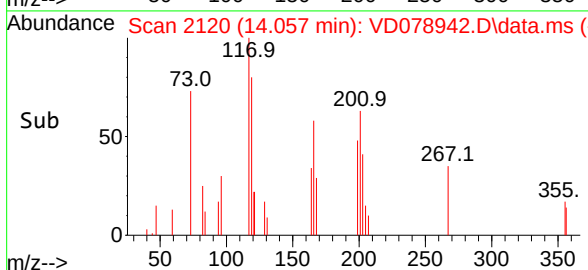
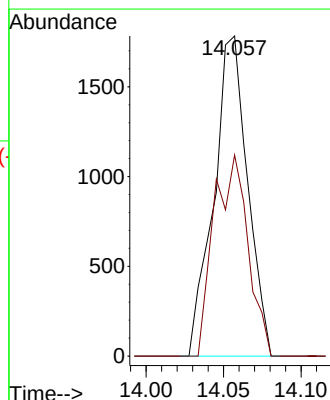
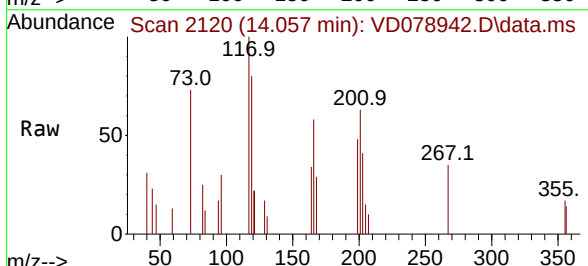
RT: 14.057 min Scan# 2120

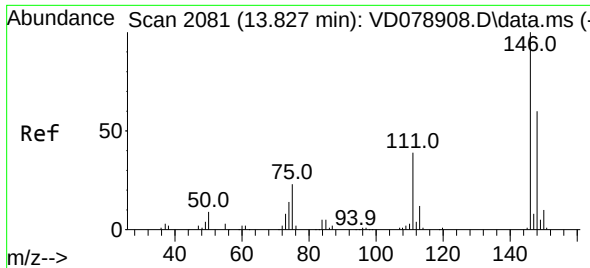
Delta R.T. 0.006 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

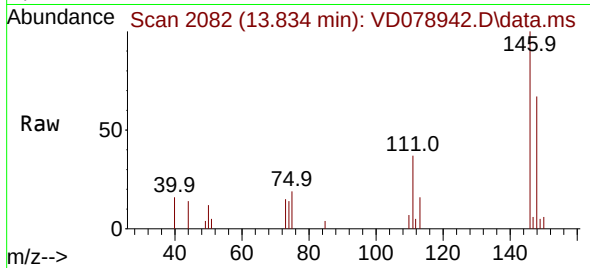
Tgt Ion:	117	Resp:	2698
Ion Ratio	Lower	Upper	
117	100		
201	63.4	36.3	108.9





#91
1,2-Dichlorobenzene
Concen: 2.557 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18

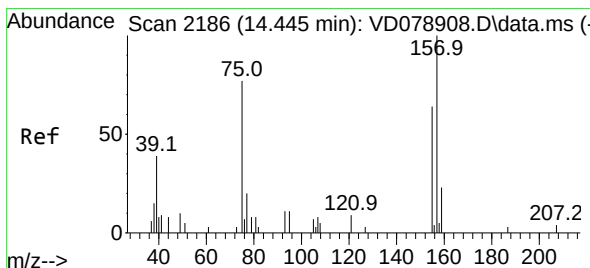
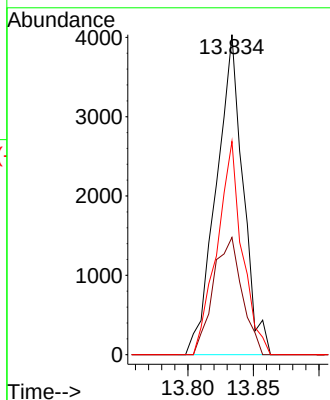
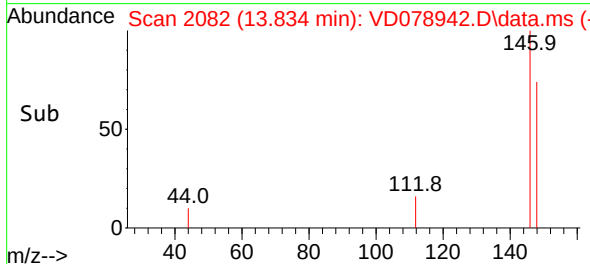
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2024



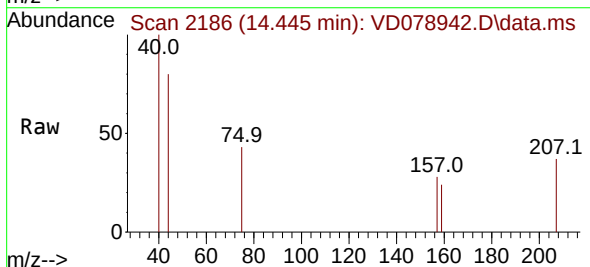
Tgt Ion:146 Resp: 5730
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.1
148 62.9 31.1 93.5

Manual Integrations
APPROVED

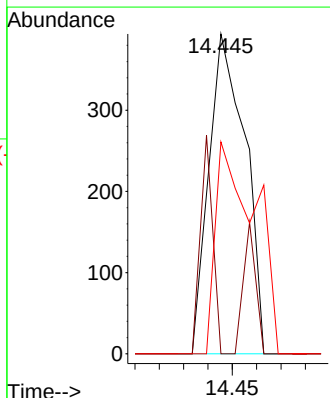
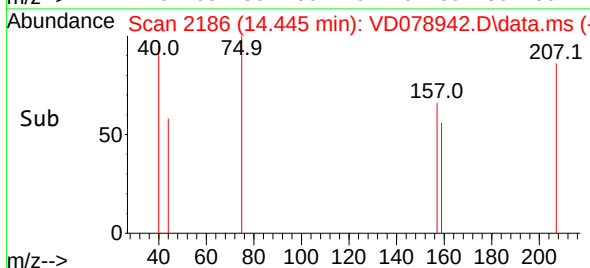
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

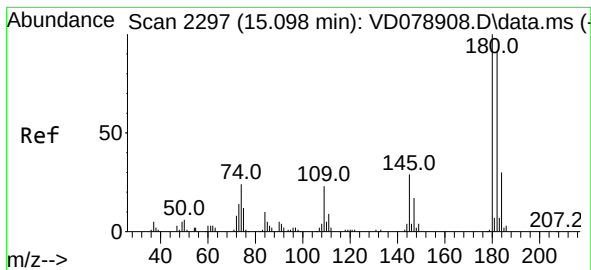


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.522 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD078942.D
Acq: 16 May 2024 12:18



Tgt Ion: 75 Resp: 407
Ion Ratio Lower Upper
75 100
155 23.3 47.7 143.1#
157 72.2 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 2.115 ug/l

RT: 15.092 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

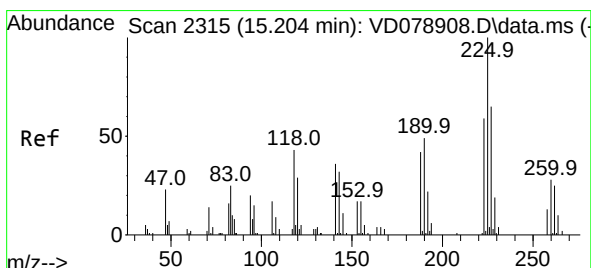
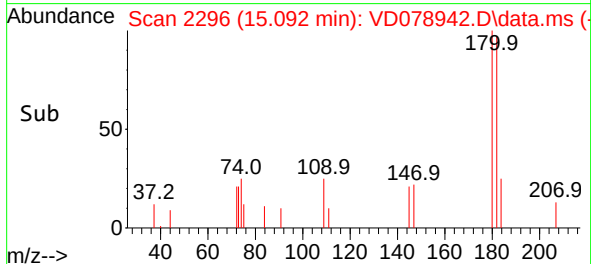
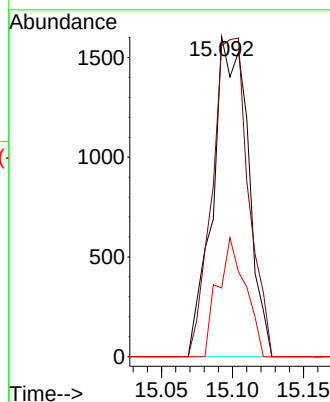
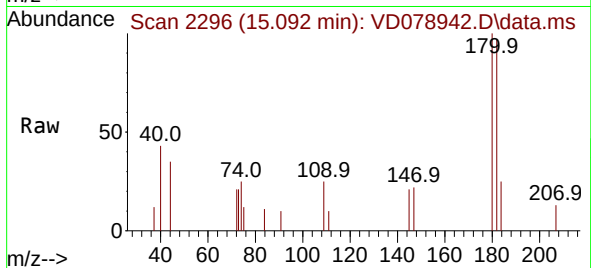
MDL-SOIL-03-QT2-2024

Tgt Ion:180	Resp:	278
Ion Ratio	Lower	Upper
180	100	
182	101.9	46.9 140.7
145	28.9	14.0 41.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#94

Hexachlorobutadiene

Concen: 2.118 ug/l

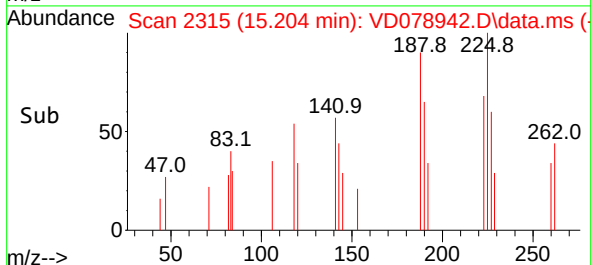
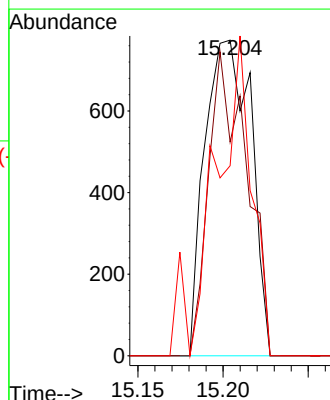
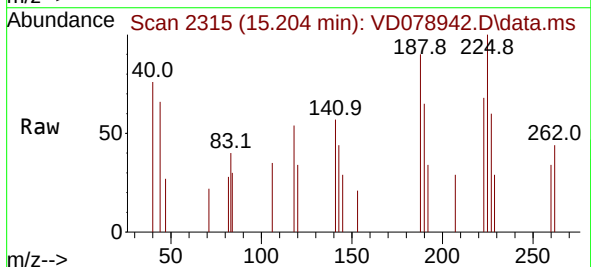
RT: 15.204 min Scan# 2315

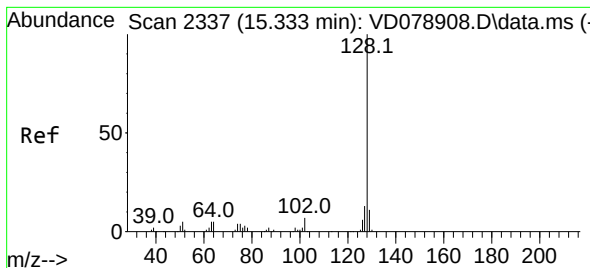
Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Tgt Ion:225	Resp:	1456
Ion Ratio	Lower	Upper
225	100	
223	79.7	33.3 99.9
227	80.9	33.6 100.6





#95

Naphthalene

Concen: 2.231 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Instrument :

MSVOA_D

ClientSampleId :

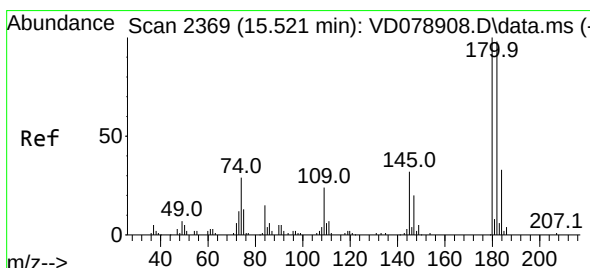
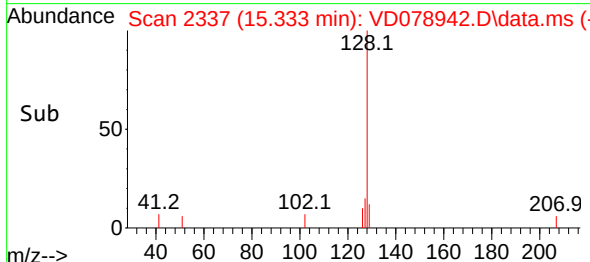
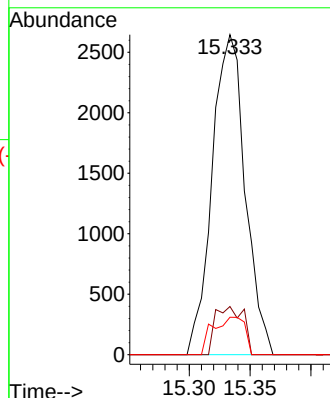
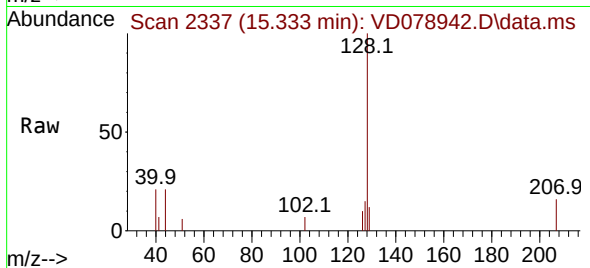
MDL-SOIL-03-QT2-2024

Tgt Ion:	128	Resp:	5000
Ion	Ratio	Lower	Upper
128	100		
127	15.0	10.2	15.4
129	11.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.652 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078942.D

Acq: 16 May 2024 12:18

Tgt Ion:	180	Resp:	3104
Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.8	143.3
145	24.3	16.1	48.2

