

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078206.D
 Acq On : 23 Jan 2024 14:21
 Operator : RP/MD
 Sample : P1187-01 2.5 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Quant Time: Jan 24 01:22:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 24 01:21:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	234018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	88359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70446	49.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.220%
35) Dibromofluoromethane	7.811	113	73719	47.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.720%
50) Toluene-d8	10.269	98	285065	46.744	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.480%
62) 4-Bromofluorobenzene	12.575	95	78644	44.468	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	3806	2.629	ug/l	76
3) Chloromethane	2.152	50	6851	2.934	ug/l	92
4) Vinyl Chloride	2.293	62	7487	2.513	ug/l	98
5) Bromomethane	2.705	94	5844	2.688	ug/l	87
6) Chloroethane	2.852	64	5362	2.576	ug/l #	88
7) Trichlorofluoromethane	3.187	101	7648	2.822	ug/l	100
8) Diethyl Ether	3.599	74	1847	2.458	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.975	101	4369	2.783	ug/l #	84
10) Methyl Iodide	4.175	142	3332	2.118	ug/l #	87
11) Tert butyl alcohol	5.028	59	302	4.276	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	2375	1.527	ug/l #	92
13) Acrolein	3.811	56	1874	11.560	ug/l	89
14) Allyl chloride	4.569	41	4721	2.302	ug/l #	81
15) Acrylonitrile	5.269	53	2991	8.872	ug/l #	63
16) Acetone	4.022	43	4767	11.148	ug/l	87
17) Carbon Disulfide	4.287	76	13083	2.595	ug/l #	88
18) Methyl Acetate	4.569	43	2857	2.315	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	6612	2.039	ug/l #	84
20) Methylene Chloride	4.805	84	8211	3.902	ug/l #	69
21) trans-1,2-Dichloroethene	5.317	96	4414	2.456	ug/l #	87
22) Diisopropyl ether	6.222	45	9659	2.225	ug/l #	88
23) Vinyl Acetate	6.164	43	19272	9.012	ug/l	98
24) 1,1-Dichloroethane	6.111	63	7237	2.413	ug/l #	89
25) 2-Butanone	7.087	43	5777	11.433	ug/l #	75
26) 2,2-Dichloropropane	7.081	77	6079	2.420	ug/l	81
27) cis-1,2-Dichloroethene	7.087	96	4822	2.498	ug/l	88
28) Bromochloromethane	7.440	49	2433	2.080	ug/l #	66
29) Tetrahydrofuran	7.446	42	2821	11.921	ug/l #	34
30) Chloroform	7.605	83	7641	2.505	ug/l	97
31) Cyclohexane	7.881	56	8989	3.389	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	6842	2.597	ug/l	94
36) 1,1-Dichloropropene	8.011	75	5832	2.303	ug/l #	92
37) Ethyl Acetate	7.163	43	1665	1.766	ug/l #	66
38) Carbon Tetrachloride	7.999	117	6526	2.609	ug/l	85
39) Methylcyclohexane	9.281	83	7024	2.345	ug/l #	82
40) Benzene	8.258	78	17306	2.408	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078206.D
 Acq On : 23 Jan 2024 14:21
 Operator : RP/MD
 Sample : P1187-01 2.5 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Quant Time: Jan 24 01:22:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 24 01:21:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	756	1.460	ug/l #	56
42) 1,2-Dichloroethane	8.334	62	4769	2.550	ug/l	91
43) Isopropyl Acetate	8.352	43	3485	2.017	ug/l #	79
44) Trichloroethene	9.028	130	4017	2.185	ug/l	70
45) 1,2-Dichloropropane	9.305	63	4295	2.408	ug/l	96
46) Dibromomethane	9.399	93	2414	2.465	ug/l #	84
47) Bromodichloromethane	9.587	83	6271	2.549	ug/l #	83
48) Methyl methacrylate	9.381	41	2412	2.412	ug/l #	62
49) 1,4-Dioxane	9.387	88	256	27.013	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	9620	10.598	ug/l #	85
52) Toluene	10.334	92	10802	2.371	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	5051	2.225	ug/l	89
54) cis-1,3-Dichloropropene	10.010	75	5927	2.178	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	3292	2.512	ug/l #	80
56) Ethyl methacrylate	10.604	69	1992	1.857	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	4926	2.198	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.869	63	6759	10.513	ug/l	91
59) 2-Hexanone	10.922	43	7110	9.639	ug/l	78
60) Dibromochloromethane	11.075	129	3647	2.360	ug/l	100
61) 1,2-Dibromoethane	11.181	107	2961	2.451	ug/l	88
64) Tetrachloroethene	10.804	164	3703	2.664	ug/l #	69
65) Chlorobenzene	11.610	112	11536	2.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	4002	2.385	ug/l	95
67) Ethyl Benzene	11.681	91	18892	2.211	ug/l	98
68) m/p-Xylenes	11.793	106	13685	4.193	ug/l	83
69) o-Xylene	12.122	106	6039	2.039	ug/l	94
70) Styrene	12.134	104	8360	1.884	ug/l #	85
71) Bromoform	12.299	173	1811	2.179	ug/l #	85
73) Isopropylbenzene	12.422	105	16102	2.318	ug/l	96
74) N-amyl acetate	12.240	43	3174	2.388	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	3179	2.459	ug/l #	88
76) 1,2,3-Trichloropropane	12.704	75	1738	2.051	ug/l #	100
77) Bromobenzene	12.698	156	3942	2.588	ug/l	82
78) n-propylbenzene	12.763	91	22631	2.626	ug/l	93
79) 2-Chlorotoluene	12.851	91	12313	2.678	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	13058	2.267	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.575	75	40943	104.065	ug/l #	17
82) 4-Chlorotoluene	12.946	91	12102	2.497	ug/l	92
83) tert-Butylbenzene	13.169	119	10921	2.268	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	13170	2.261	ug/l	95
85) sec-Butylbenzene	13.346	105	16985	2.329	ug/l	96
86) p-Isopropyltoluene	13.463	119	13838	2.181	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	8161	2.588	ug/l	95
88) 1,4-Dichlorobenzene	13.457	146	8161	2.619	ug/l	96
89) n-Butylbenzene	13.787	91	15343	2.484	ug/l	95
90) Hexachloroethane	14.057	117	3300	2.651	ug/l	73
91) 1,2-Dichlorobenzene	13.834	146	6844	2.581	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	555	3.004	ug/l	60
93) 1,2,4-Trichlorobenzene	15.098	180	4107	2.505	ug/l	98
94) Hexachlorobutadiene	15.204	225	2108	2.661	ug/l	93
95) Naphthalene	15.328	128	7592	2.477	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	3528	2.565	ug/l	95

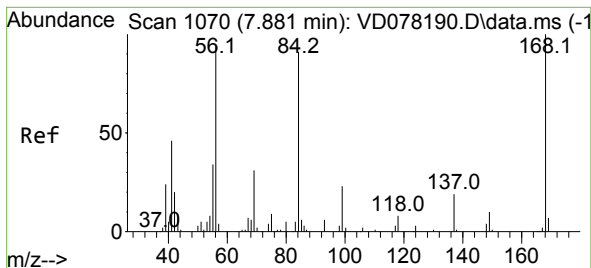
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
Data File : VD078206.D
Acq On : 23 Jan 2024 14:21
Operator : RP/MD
Sample : P1187-01 2.5 PPB
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Quant Time: Jan 24 01:22:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 24 01:21:11 2024
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078206.D

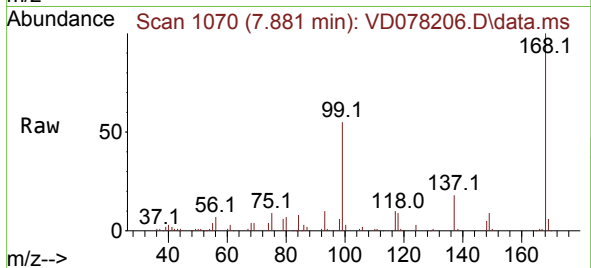
Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

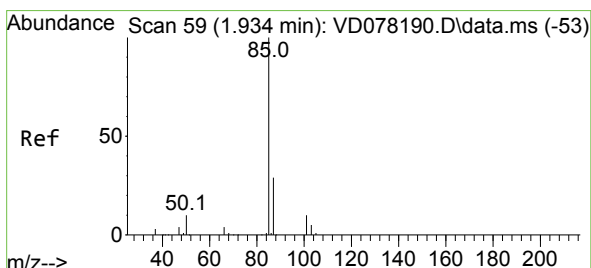
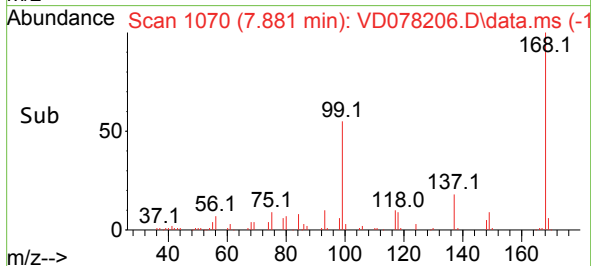
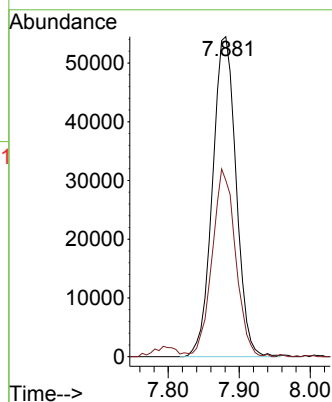


Tgt Ion:168 Resp: 125653

Ion Ratio Lower Upper

168 100

99 54.4 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 2.629 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078206.D

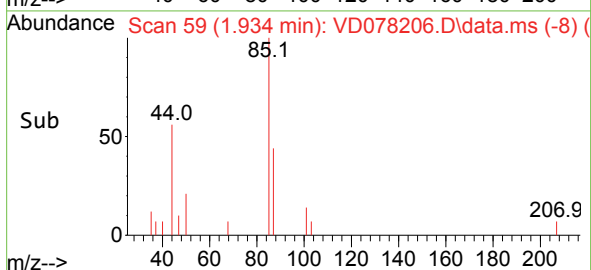
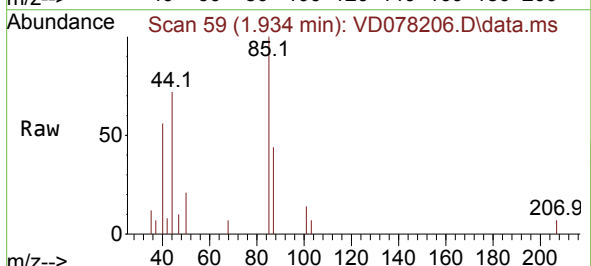
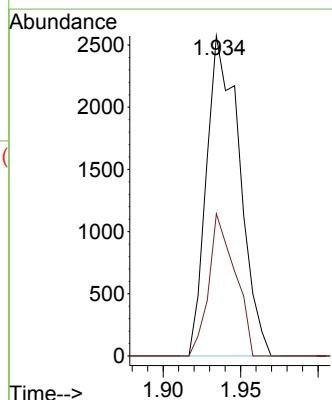
Acq: 23 Jan 2024 14:21

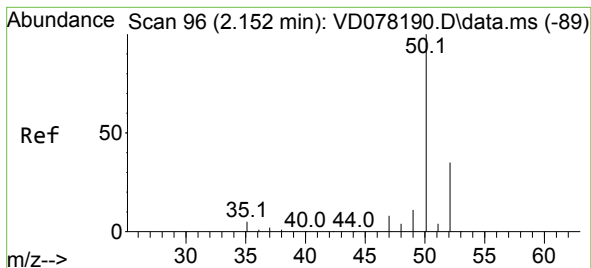
Tgt Ion: 85 Resp: 3806

Ion Ratio Lower Upper

85 100

87 44.5 15.7 47.0





#3

Chloromethane

Concen: 2.934 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

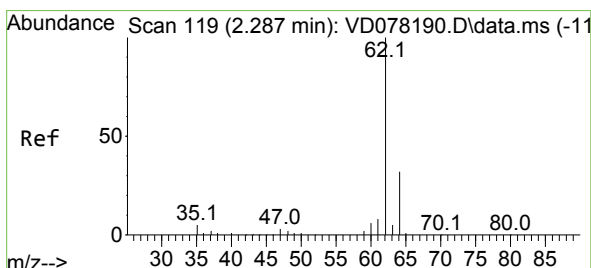
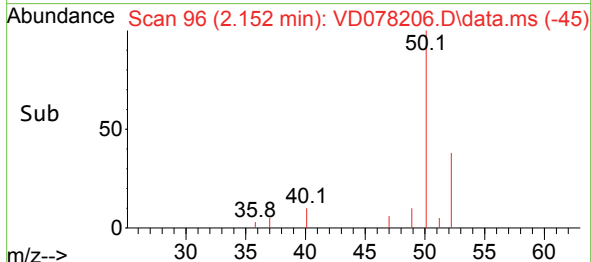
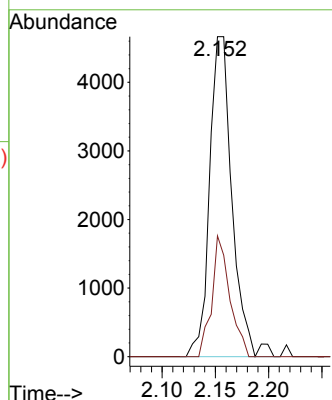
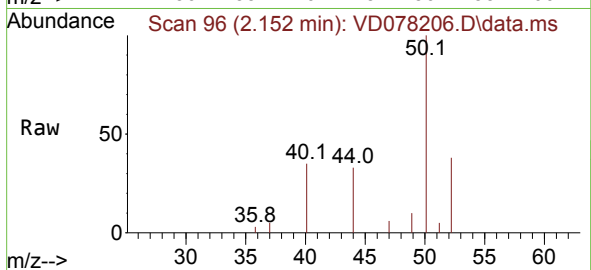
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 50 Resp: 6851

Ion Ratio Lower Upper

50 100

52 37.7 26.6 40.0



#4

Vinyl Chloride

Concen: 2.513 ug/l

RT: 2.293 min Scan# 120

Delta R.T. 0.006 min

Lab File: VD078206.D

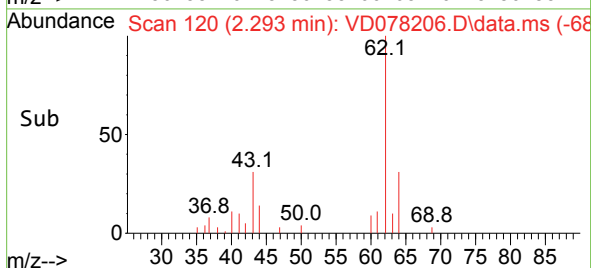
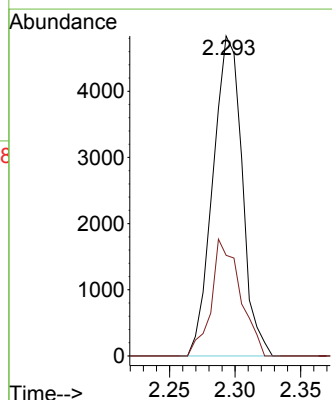
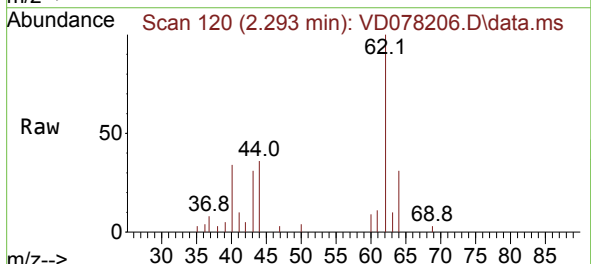
Acq: 23 Jan 2024 14:21

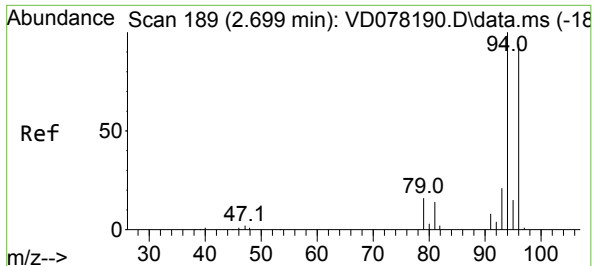
Tgt Ion: 62 Resp: 7487

Ion Ratio Lower Upper

62 100

64 31.4 26.0 39.0





#5

Bromomethane

Concen: 2.688 ug/l

RT: 2.705 min Scan# 190

Delta R.T. 0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

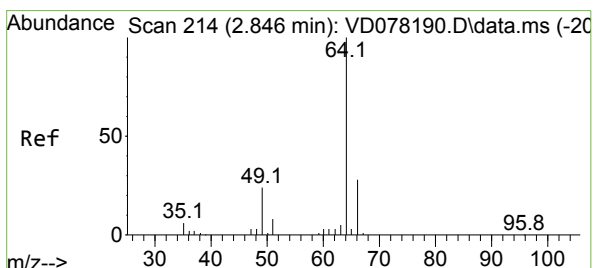
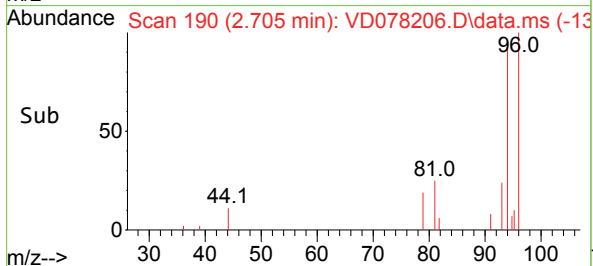
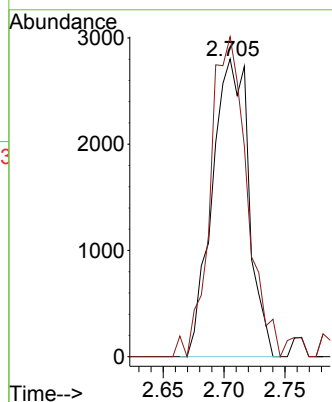
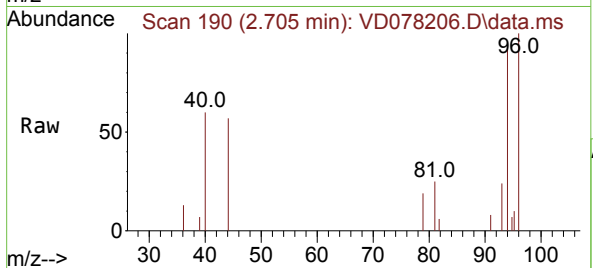
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 94 Resp: 5844

Ion Ratio Lower Upper

94 100

96 107.5 75.8 113.8



#6

Chloroethane

Concen: 2.576 ug/l

RT: 2.852 min Scan# 215

Delta R.T. 0.006 min

Lab File: VD078206.D

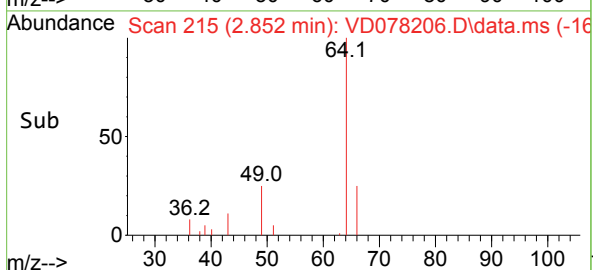
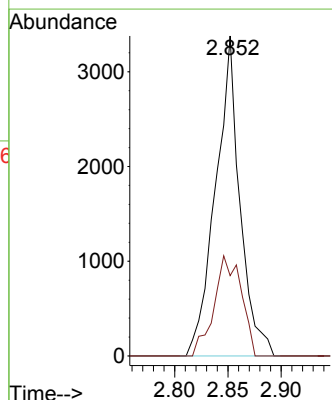
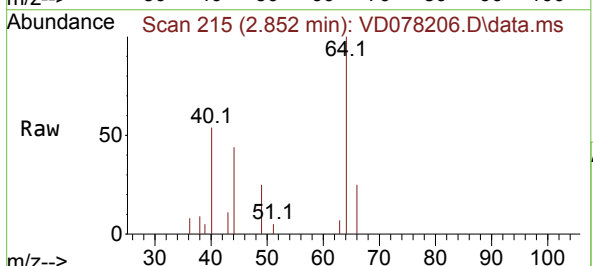
Acq: 23 Jan 2024 14:21

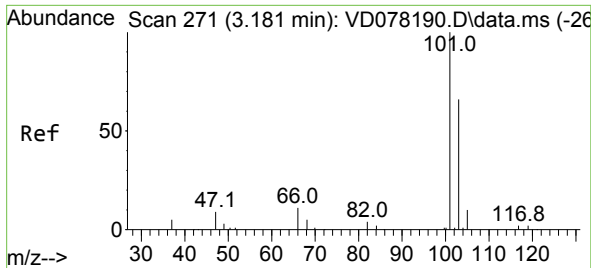
Tgt Ion: 64 Resp: 5362

Ion Ratio Lower Upper

64 100

66 25.1 25.5 38.3#

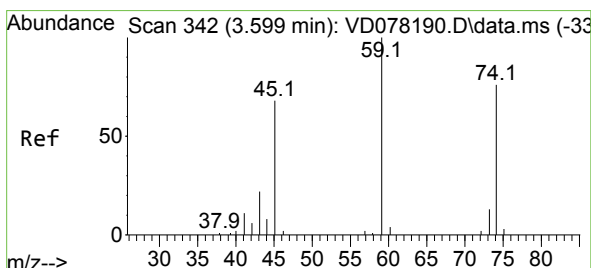
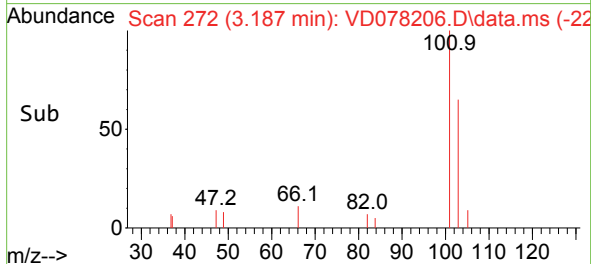
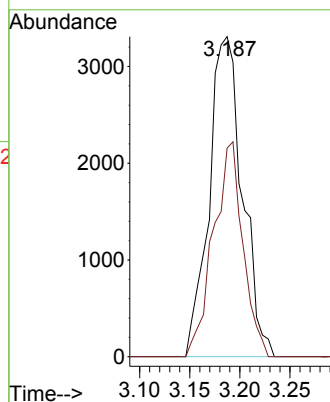
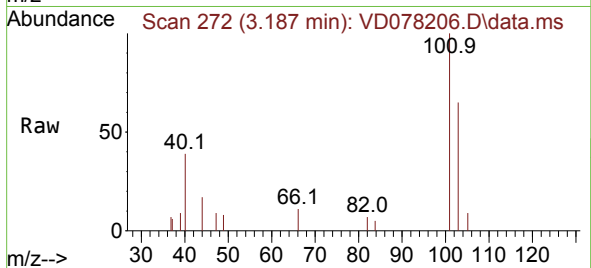




#7
Trichlorofluoromethane
Concen: 2.822 ug/l
RT: 3.187 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

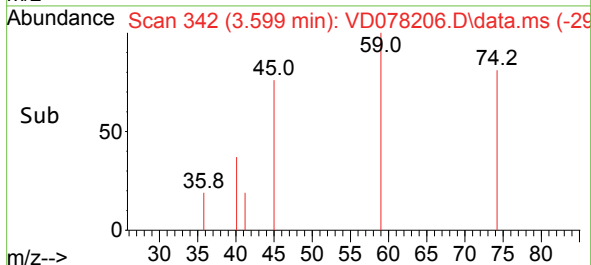
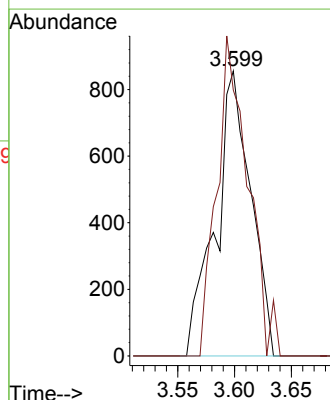
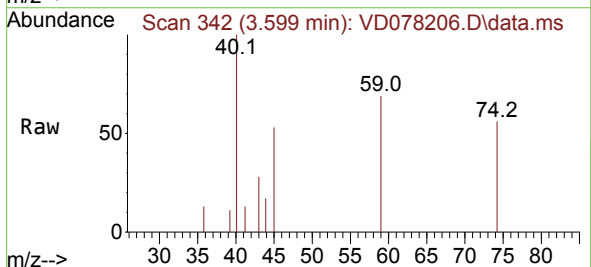
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

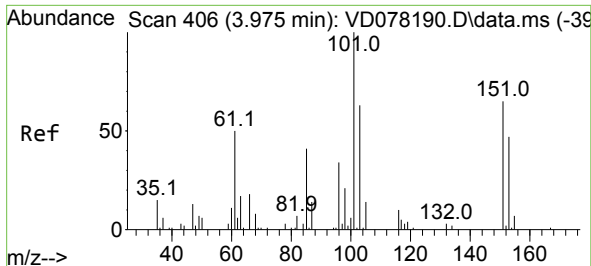
Tgt Ion:101 Resp: 7648
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5



#8
Diethyl Ether
Concen: 2.458 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 74 Resp: 1847
Ion Ratio Lower Upper
74 100
45 99.7 37.5 112.7

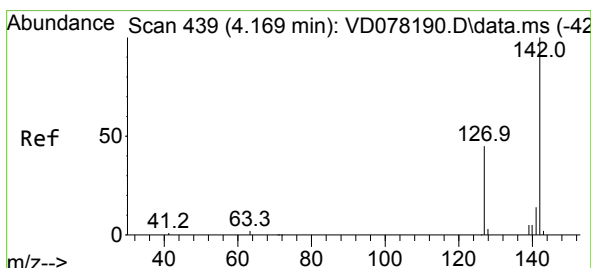
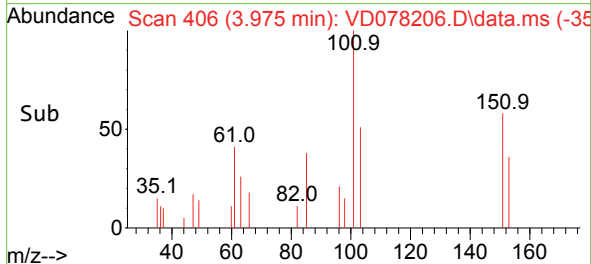
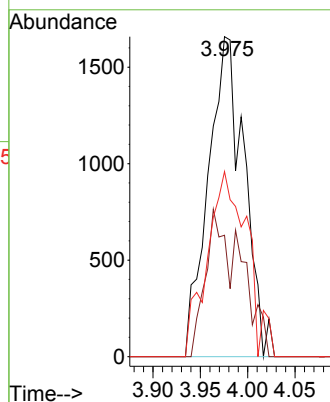
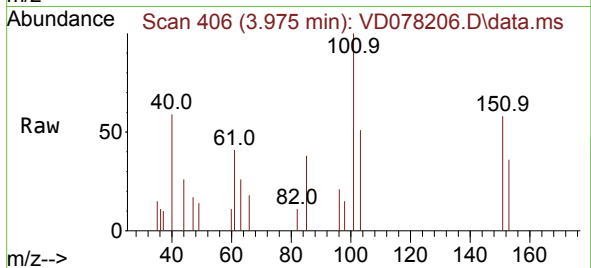




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.783 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

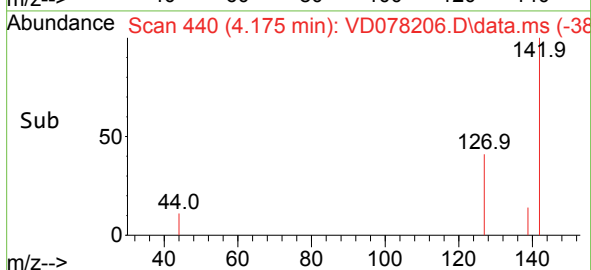
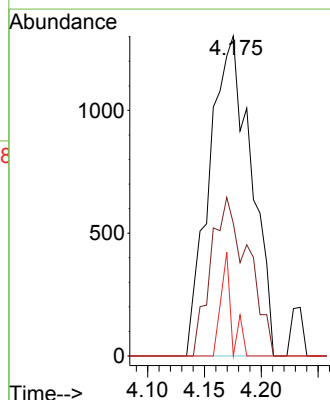
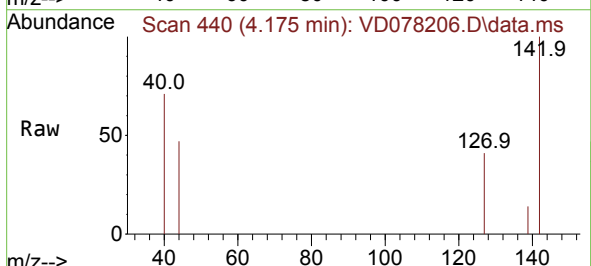
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

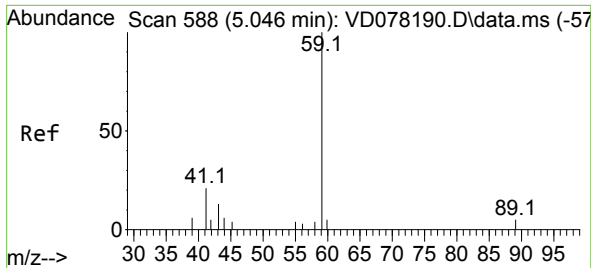
Tgt Ion:101 Resp: 4369
Ion Ratio Lower Upper
101 100
85 27.1 33.8 50.6#
151 64.3 59.8 89.6



#10
Methyl Iodide
Concen: 2.118 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:142 Resp: 3332
Ion Ratio Lower Upper
142 100
127 44.4 29.4 44.0#
141 8.4 11.1 16.7#

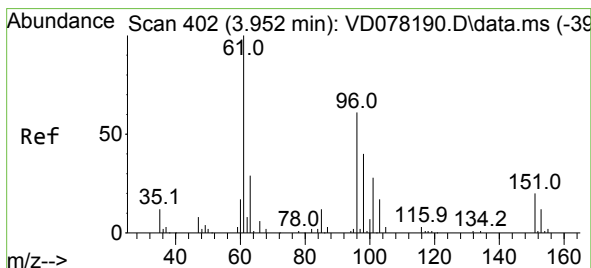
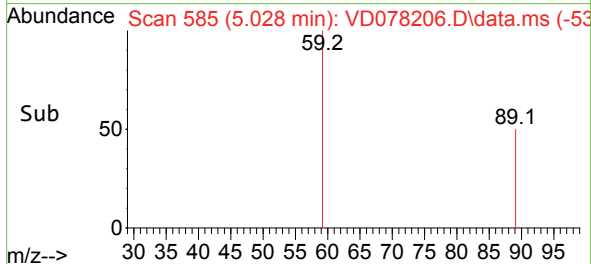
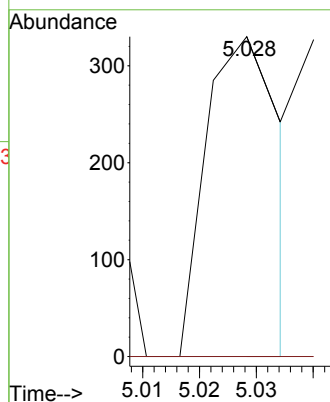
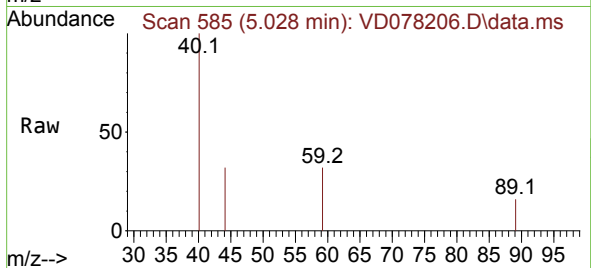




#11
Tert butyl alcohol
Concen: 4.276 ug/l
RT: 5.028 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

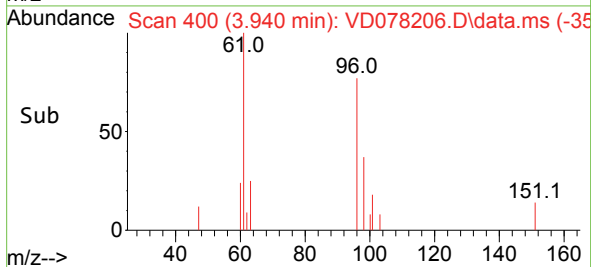
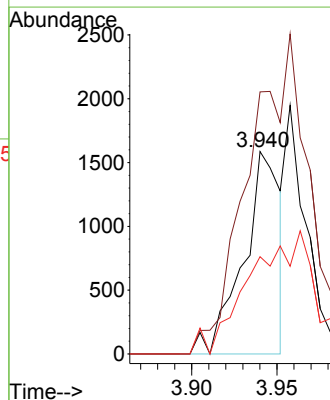
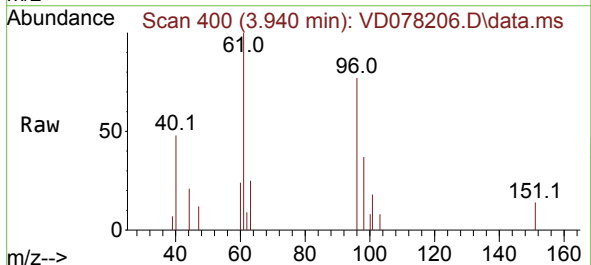
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

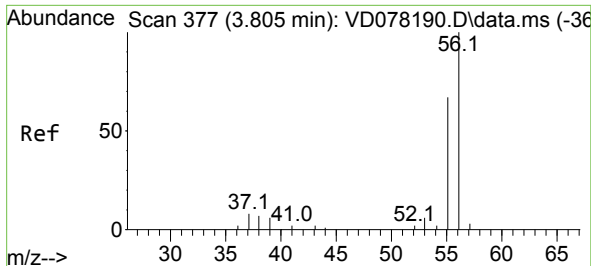
Tgt Ion: 59 Resp: 302
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.527 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 96 Resp: 2375
Ion Ratio Lower Upper
96 100
61 129.4 100.6 150.8
98 48.1 50.2 75.2#





#13

Acrolein

Concen: 11.560 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

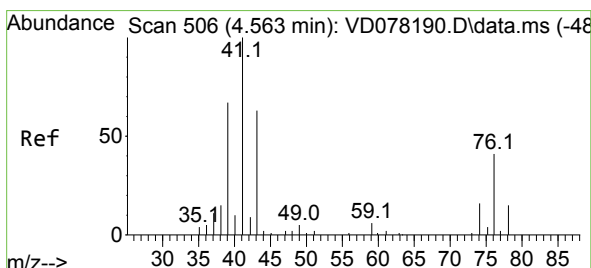
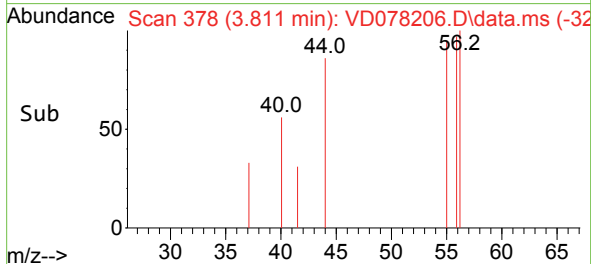
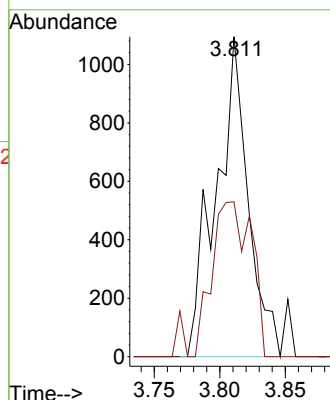
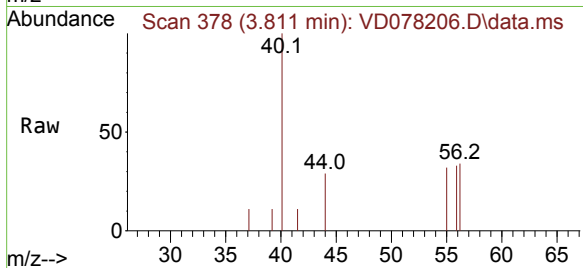
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 56 Resp: 1874

Ion Ratio Lower Upper

56 100

55 59.6 55.1 82.7



#14

Allyl chloride

Concen: 2.302 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

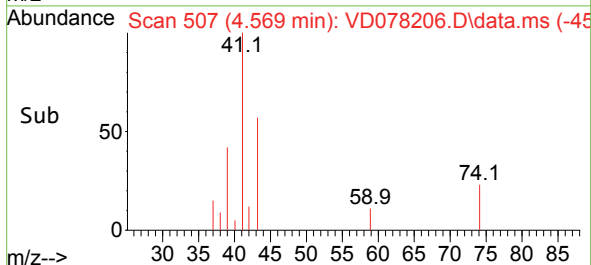
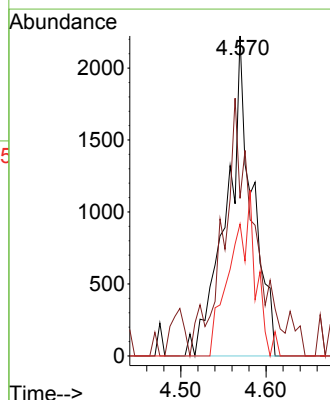
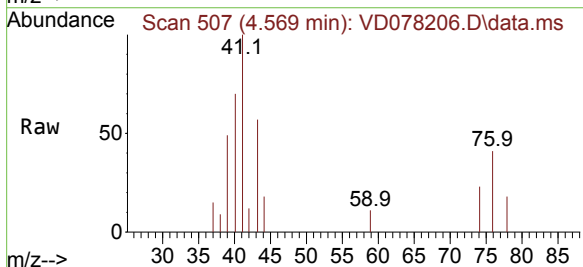
Tgt Ion: 41 Resp: 4721

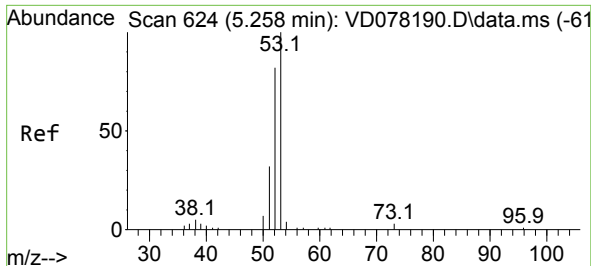
Ion Ratio Lower Upper

41 100

39 88.5 53.8 80.6#

76 49.2 45.8 68.8

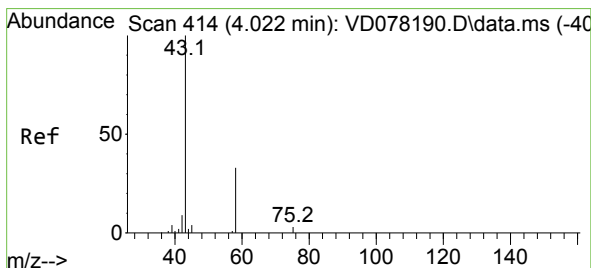
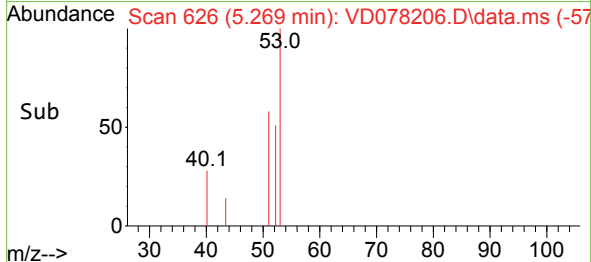
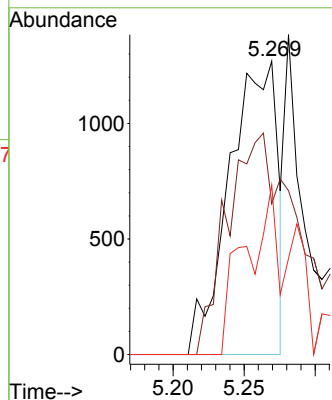
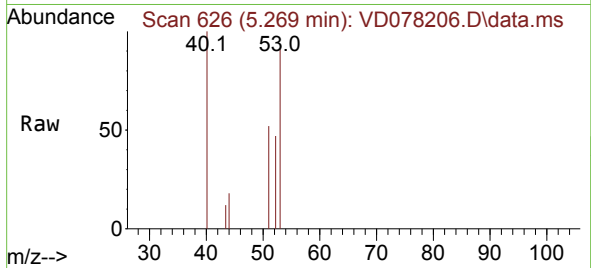




#15
Acrylonitrile
Concen: 8.872 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

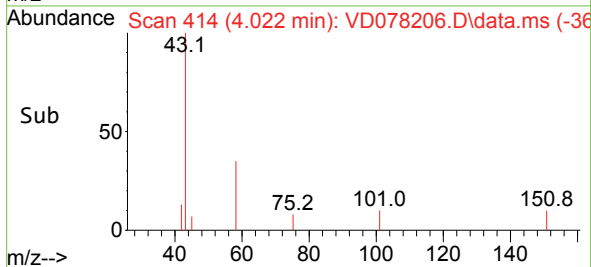
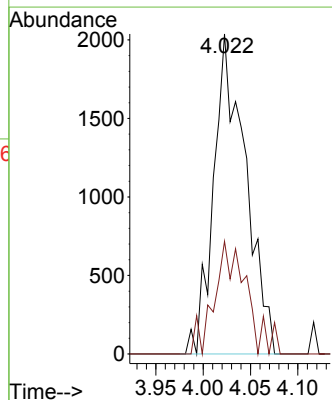
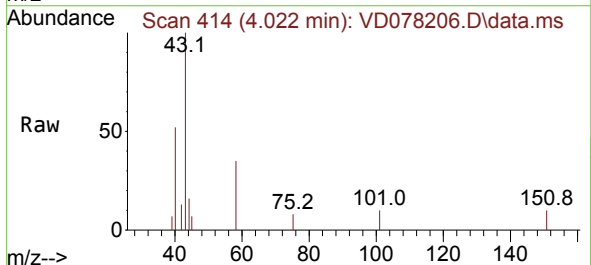
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

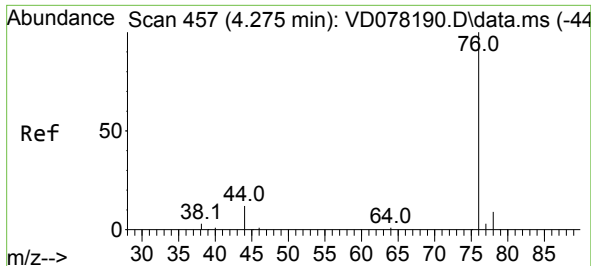
Tgt Ion: 53 Resp: 2991
Ion Ratio Lower Upper
53 100
52 112.3 65.0 97.4#
51 10.4 28.3 42.5#



#16
Acetone
Concen: 11.148 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 43 Resp: 4767
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1

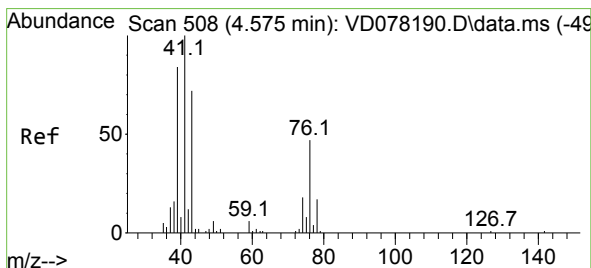
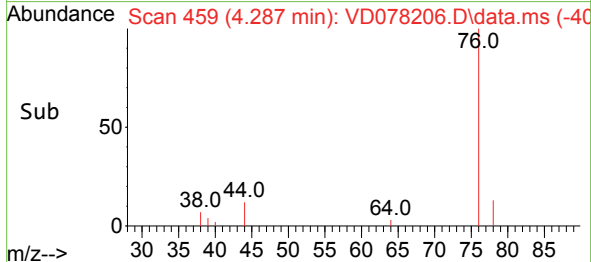
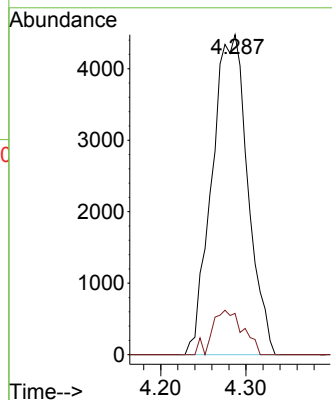
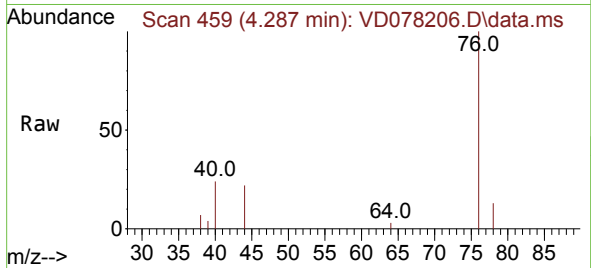




#17
Carbon Disulfide
Concen: 2.595 ug/l
RT: 4.287 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

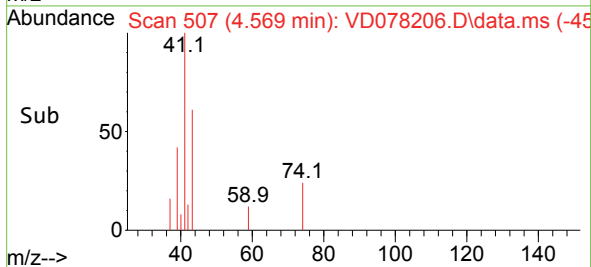
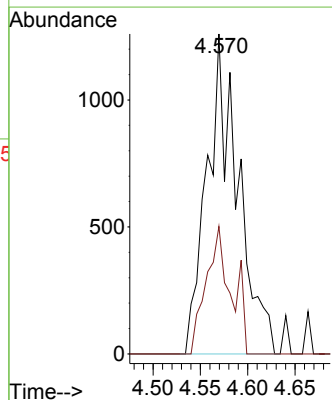
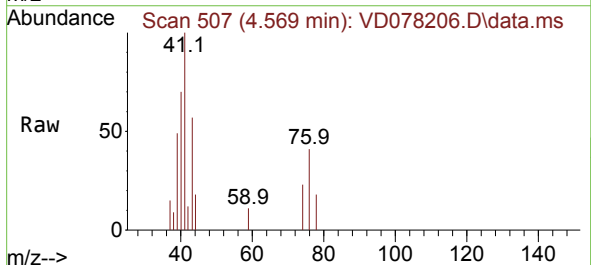
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

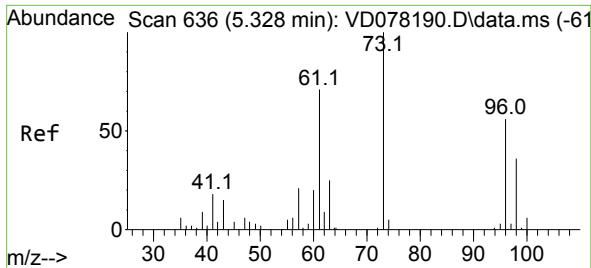
Tgt Ion: 76 Resp: 13083
Ion Ratio Lower Upper
76 100
78 12.9 6.8 10.2#



#18
Methyl Acetate
Concen: 2.315 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 43 Resp: 2857
Ion Ratio Lower Upper
43 100
74 32.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 2.039 ug/l

RT: 5.322 min Scan# 612

Delta R.T. -0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

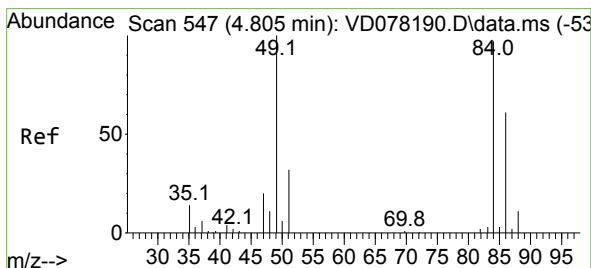
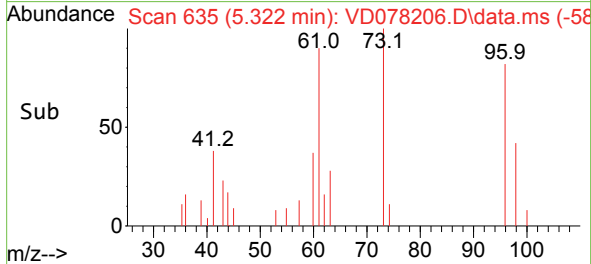
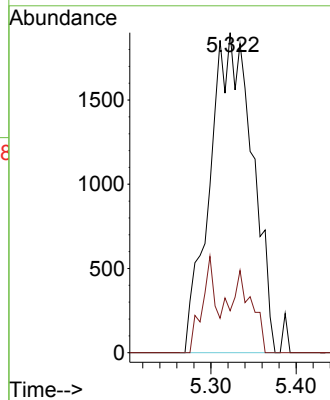
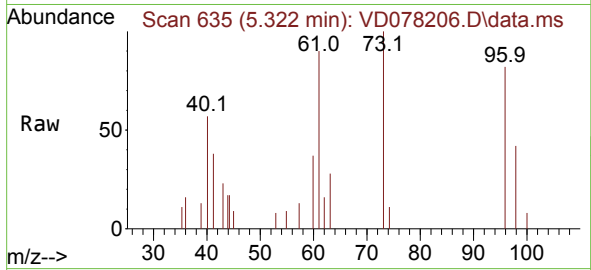
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 73 Resp: 6612

Ion Ratio Lower Upper

73 100

57 13.1 16.6 25.0#



#20

Methylene Chloride

Concen: 3.902 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Tgt Ion: 84 Resp: 8211

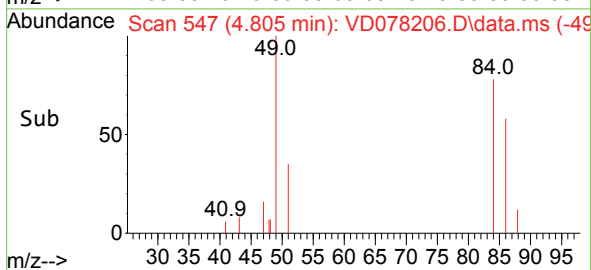
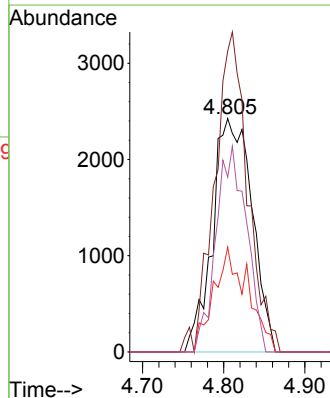
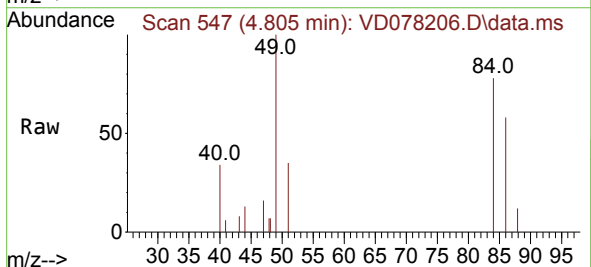
Ion Ratio Lower Upper

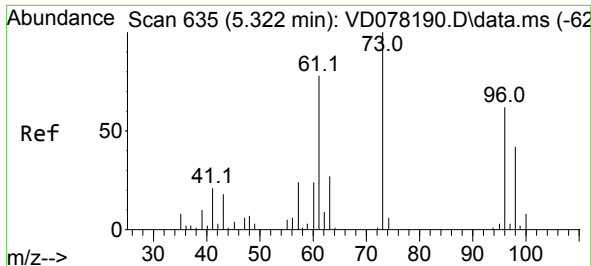
84 100

49 128.9 71.4 107.2#

51 44.9 24.5 36.7#

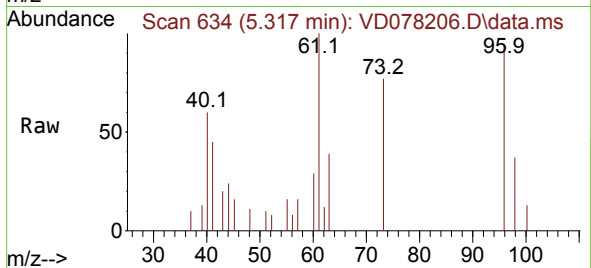
86 74.8 48.7 73.1#



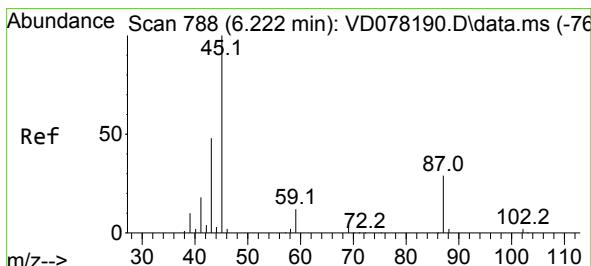
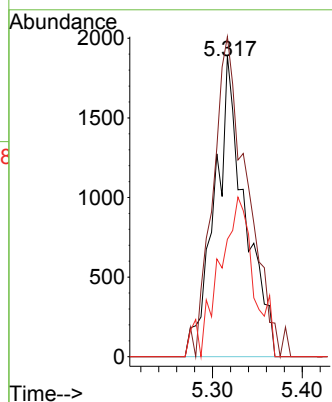
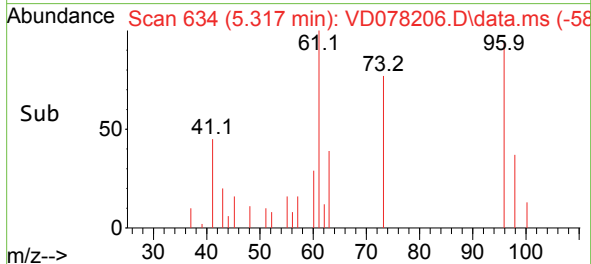


#21
trans-1,2-Dichloroethene
Concen: 2.456 ug/l
RT: 5.317 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

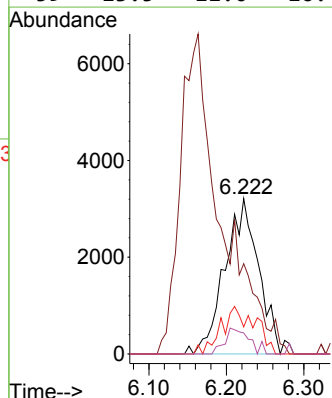
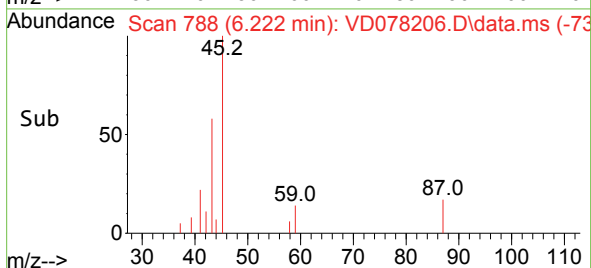
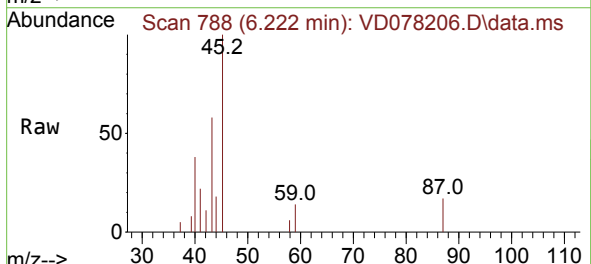


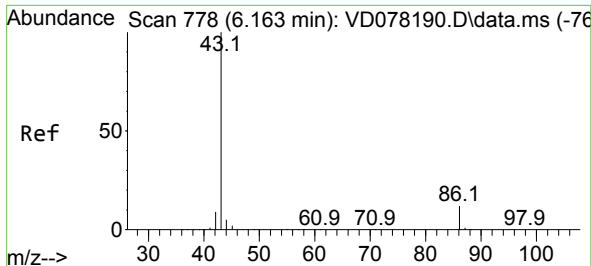
Tgt Ion: 96 Resp: 4414
Ion Ratio Lower Upper
96 100
61 106.3 89.3 133.9
98 39.0 48.6 73.0#



#22
Diisopropyl ether
Concen: 2.225 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 45 Resp: 9659
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 17.5 28.2 42.4#
59 13.5 11.0 16.4

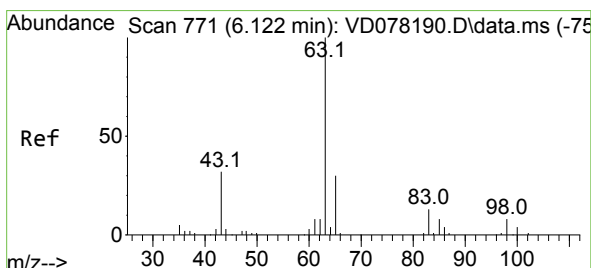
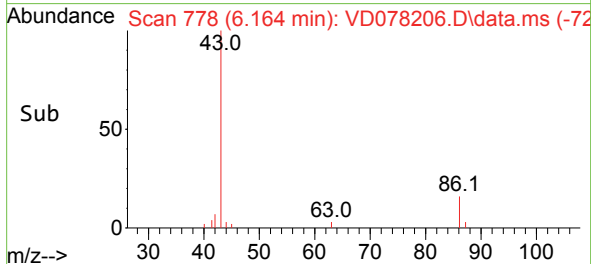
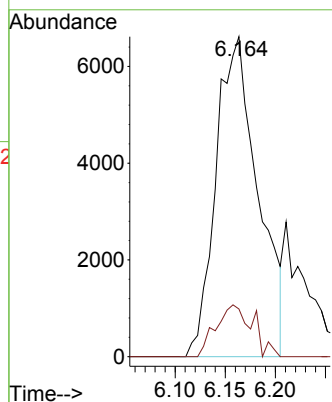
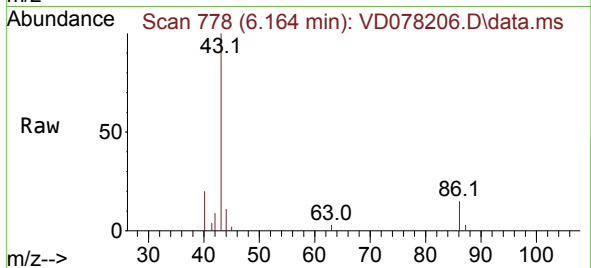




#23
 Vinyl Acetate
 Concen: 9.012 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

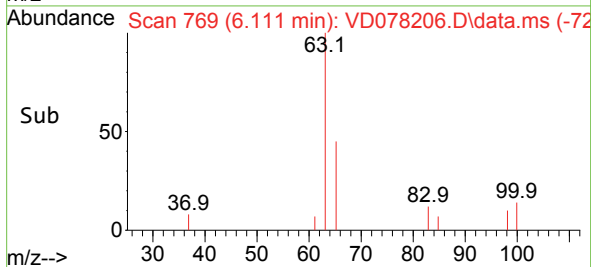
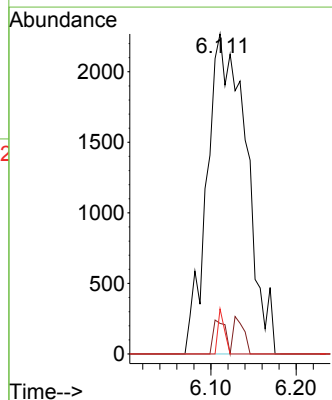
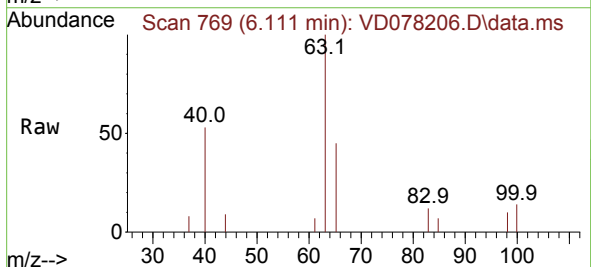
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

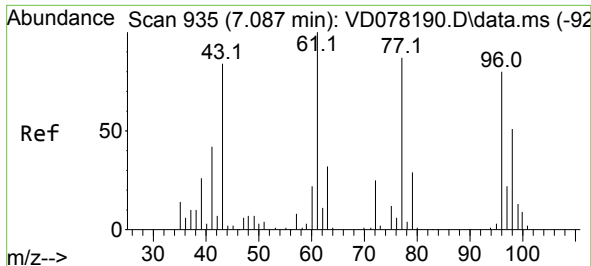
Tgt Ion: 43 Resp: 19272
 Ion Ratio Lower Upper
 43 100
 86 14.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 2.413 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.012 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

Tgt Ion: 63 Resp: 7237
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.5 13.7
 100 14.1 2.5 7.5#

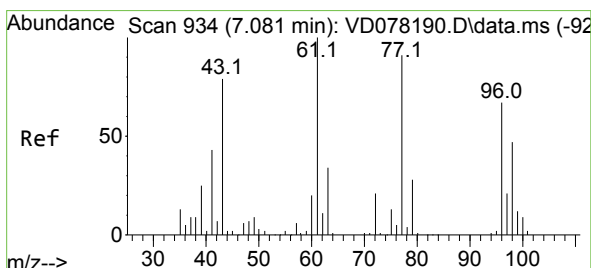
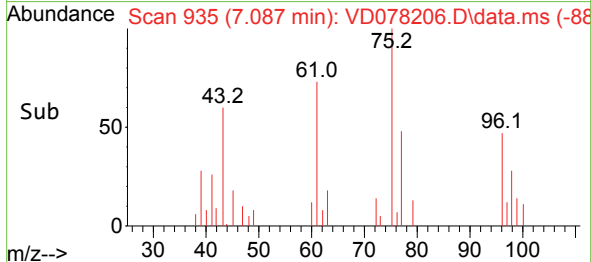
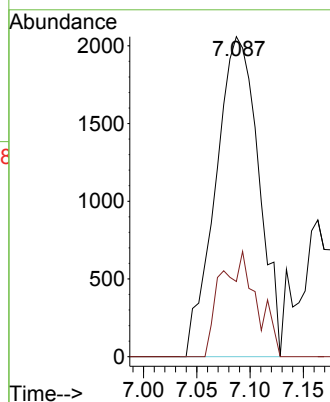
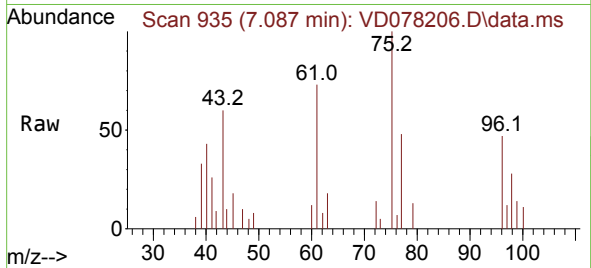




#25
2-Butanone
Concen: 11.433 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

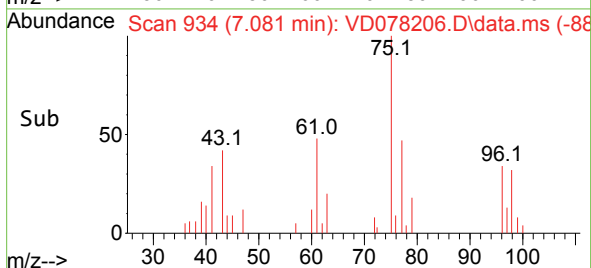
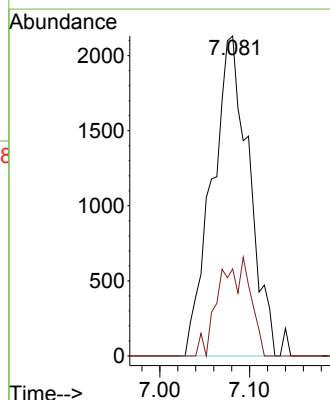
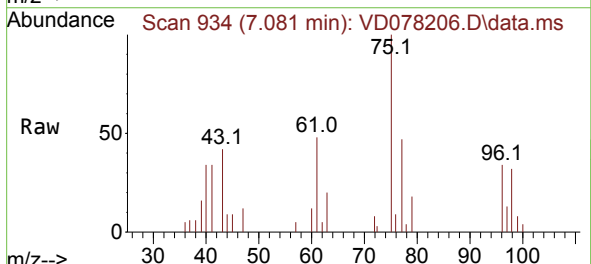
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

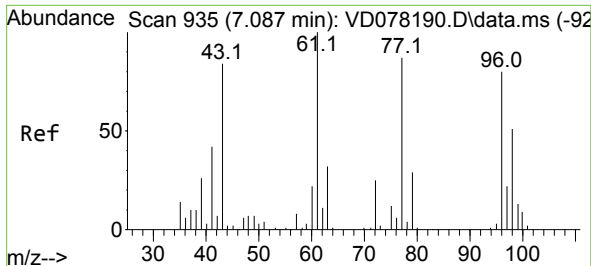
Tgt Ion: 43 Resp: 5777
Ion Ratio Lower Upper
43 100
72 23.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 2.420 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 77 Resp: 6079
Ion Ratio Lower Upper
77 100
97 16.8 13.2 39.6

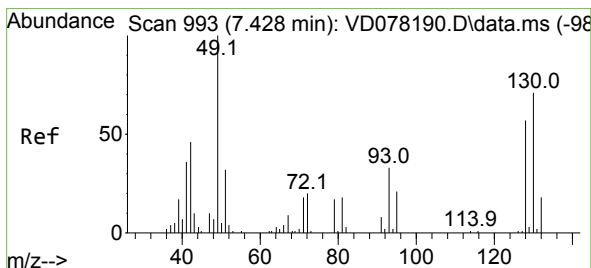
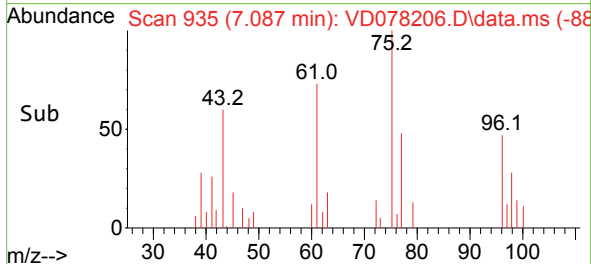
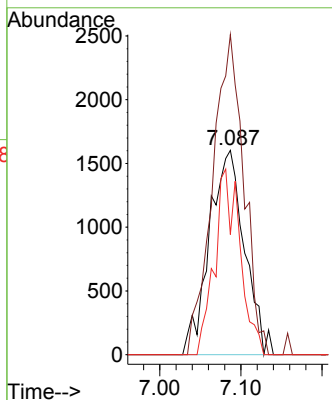
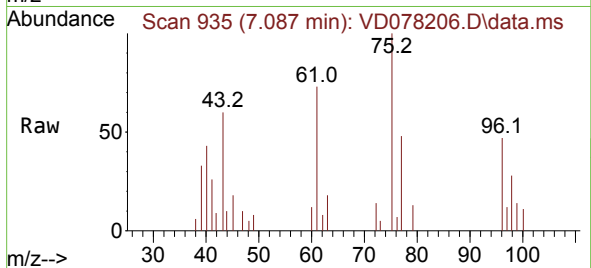




#27
 cis-1,2-Dichloroethene
 Concen: 2.498 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

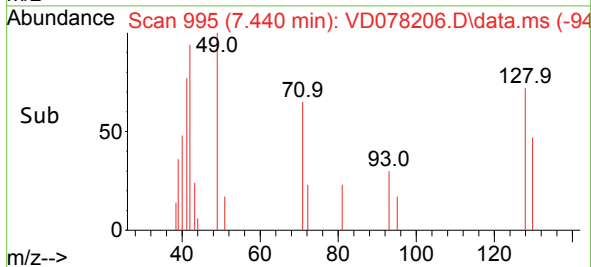
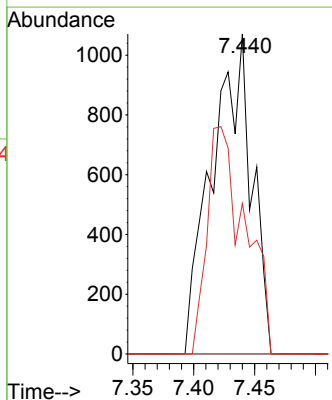
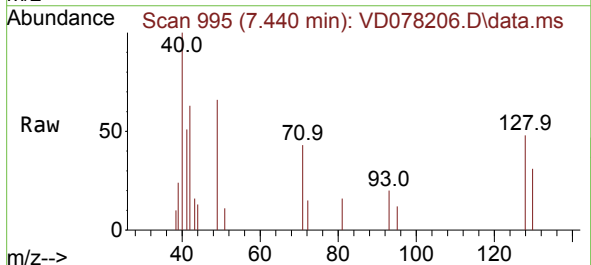
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

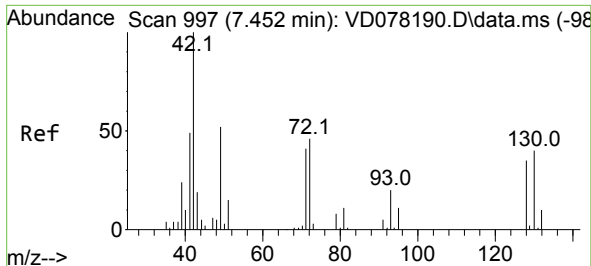
Tgt Ion: 96	Resp: 4822
Ion Ratio	Lower Upper
96 100	
61 139.3	0.0 239.2
98 65.7	0.0 128.6



#28
 Bromochloromethane
 Concen: 2.080 ug/l
 RT: 7.440 min Scan# 995
 Delta R.T. 0.012 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

Tgt Ion: 49	Resp: 2433
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 6.0
130 68.1	83.2 124.8#





#29

Tetrahydrofuran

Concen: 11.921 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

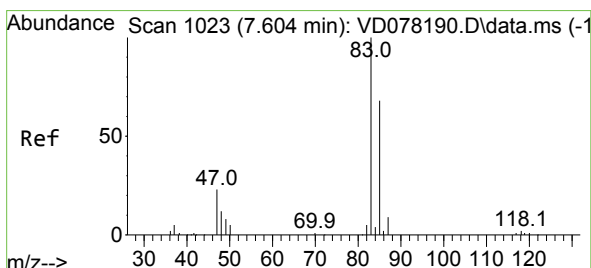
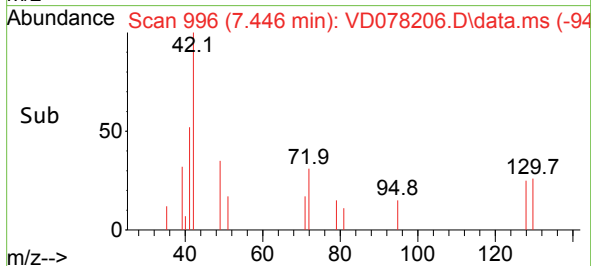
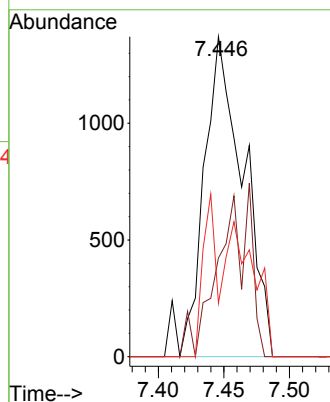
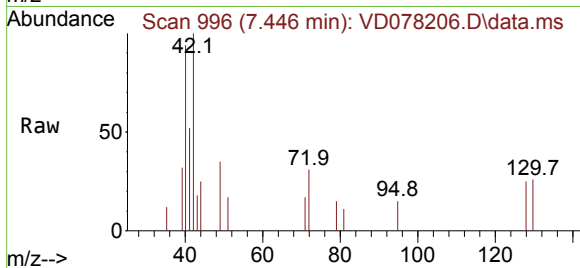
Tgt Ion: 42 Resp: 2821

Ion Ratio Lower Upper

42 100

72 0.0 46.5 69.7#

71 17.4 44.5 66.7#



#30

Chloroform

Concen: 2.505 ug/l

RT: 7.605 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VD078206.D

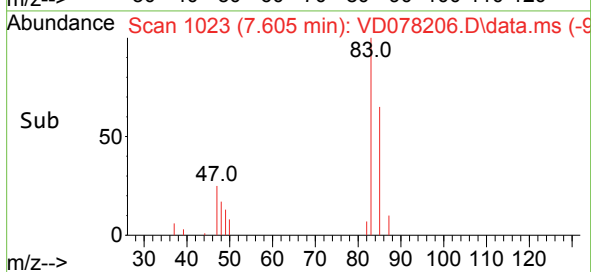
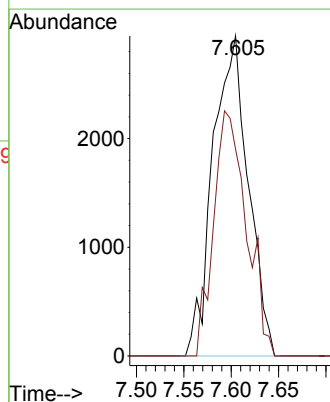
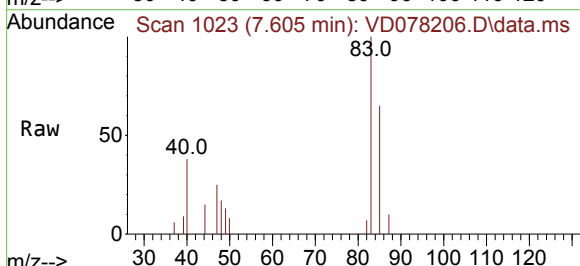
Acq: 23 Jan 2024 14:21

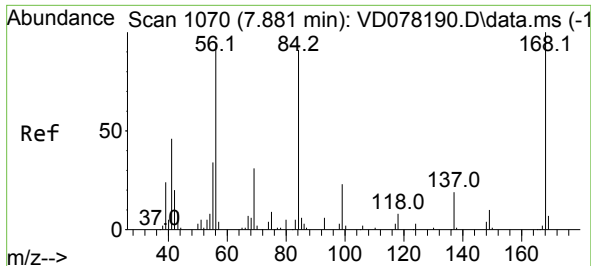
Tgt Ion: 83 Resp: 7641

Ion Ratio Lower Upper

83 100

85 64.6 53.4 80.2

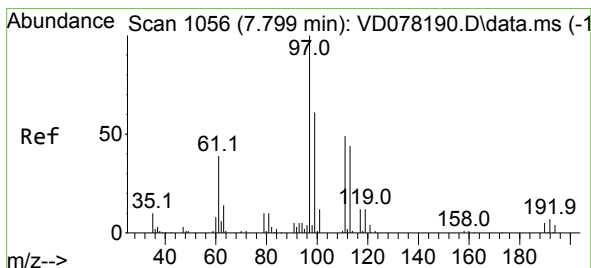
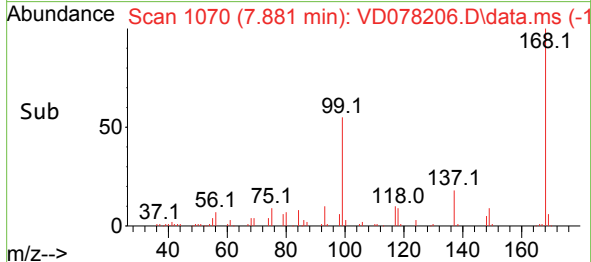
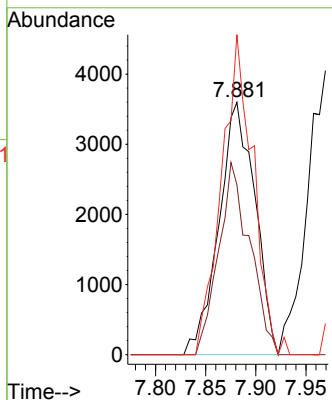
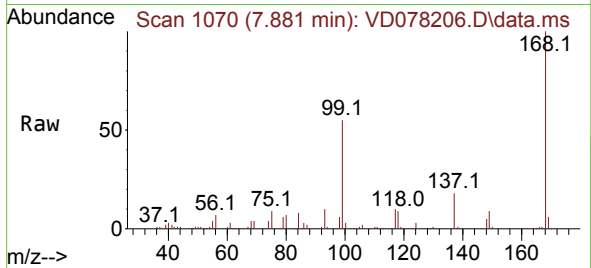




#31
Cyclohexane
Concen: 3.389 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

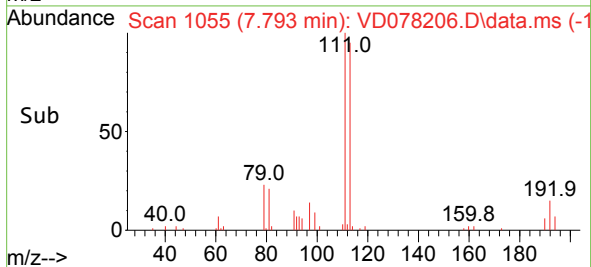
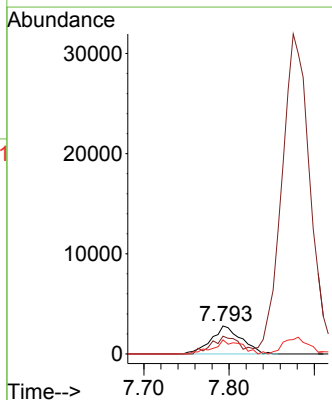
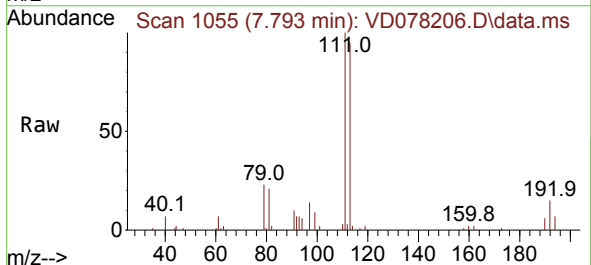
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

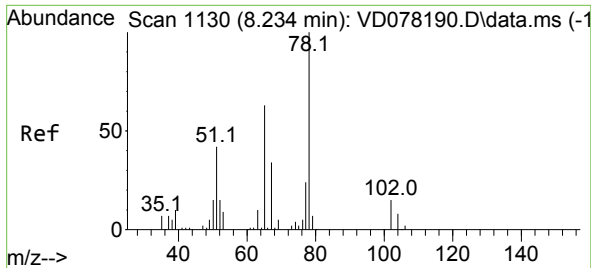
Tgt Ion: 56 Resp: 8989
Ion Ratio Lower Upper
56 100
69 67.3 28.6 43.0#
84 126.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 2.597 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 97 Resp: 6842
Ion Ratio Lower Upper
97 100
99 60.2 52.0 78.0
61 46.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.110 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

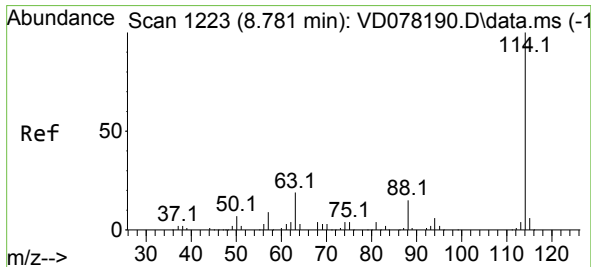
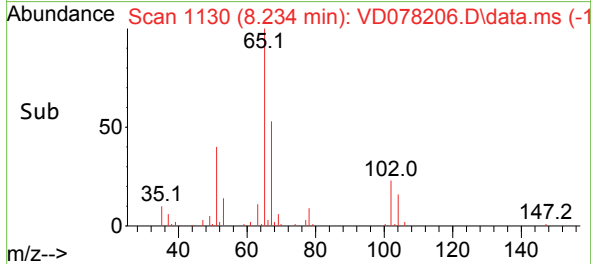
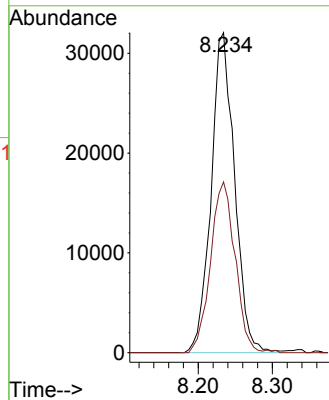
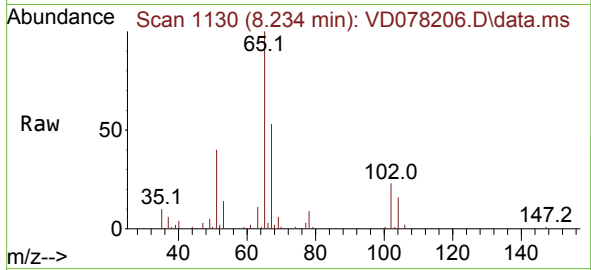
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 65 Resp: 70446

Ion Ratio Lower Upper

65 100

67 55.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

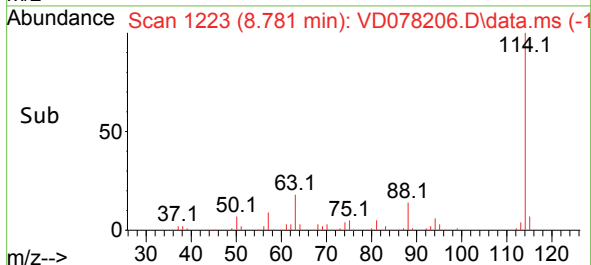
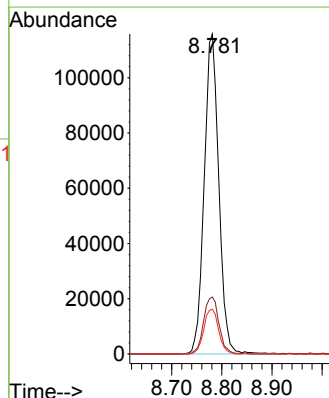
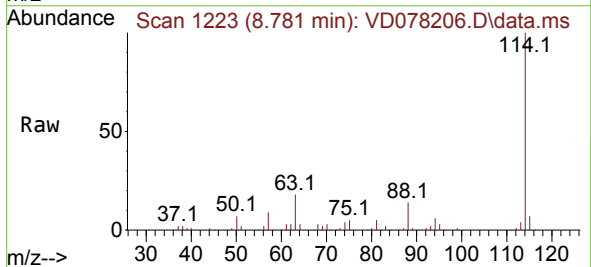
Tgt Ion: 114 Resp: 234018

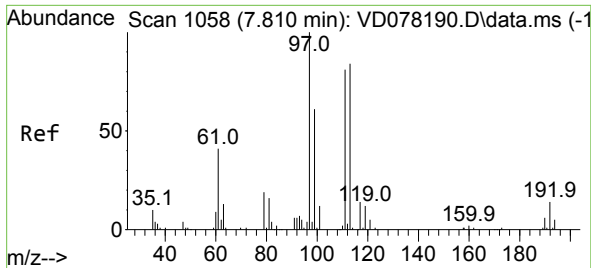
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

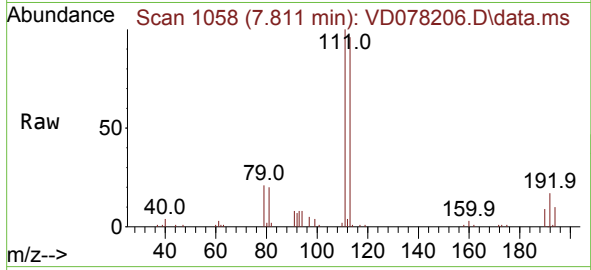
88 14.0 0.0 26.2



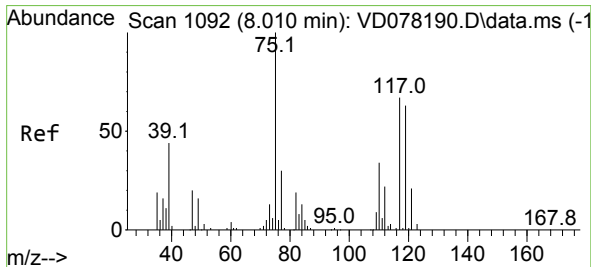
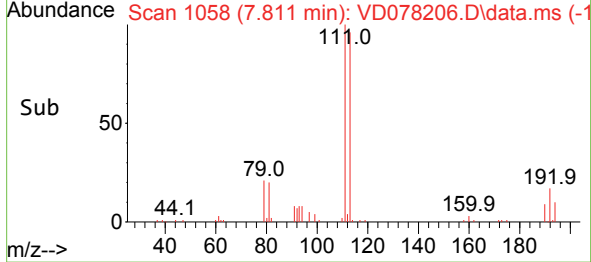
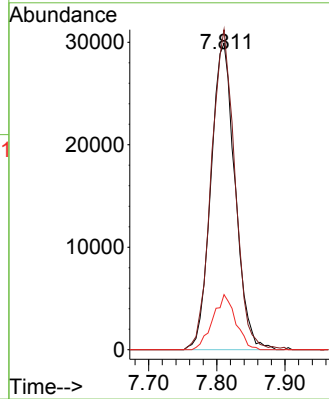


#35
Dibromofluoromethane
Concen: 47.865 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

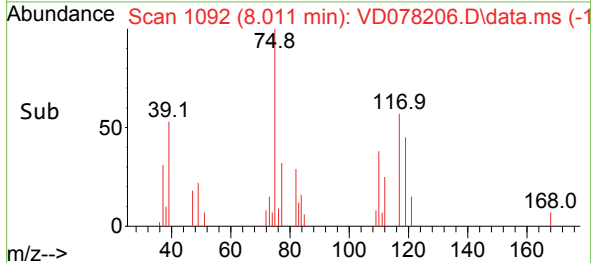
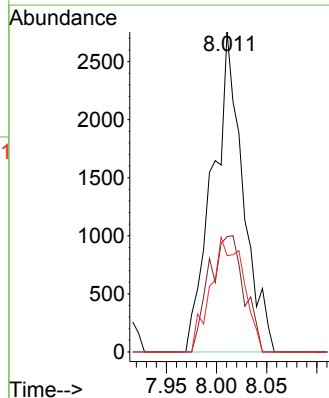
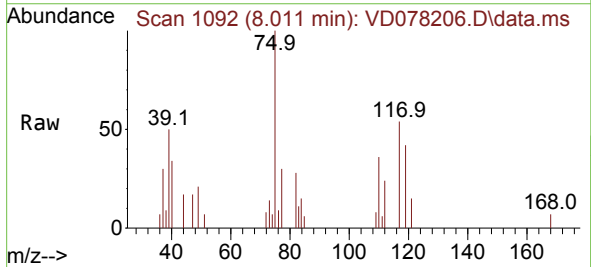


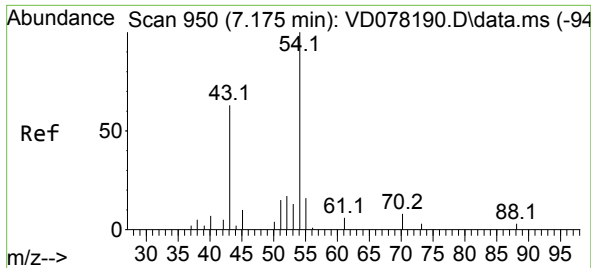
Tgt Ion:113 Resp: 73719
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 17.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.303 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 75 Resp: 5832
Ion Ratio Lower Upper
75 100
110 41.5 19.9 59.6
77 38.6 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.766 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD078206.D

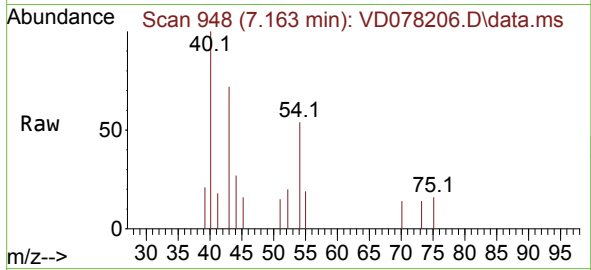
Acq: 23 Jan 2024 14:21

Instrument :

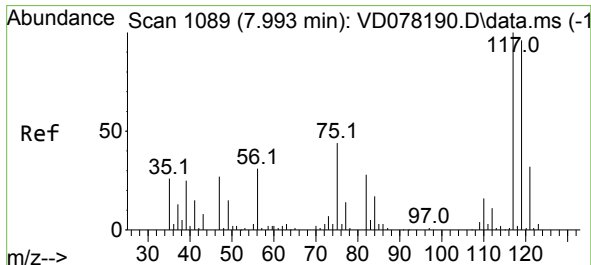
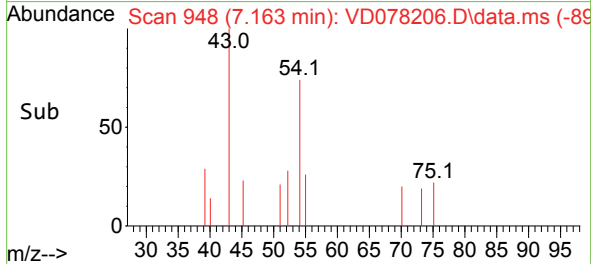
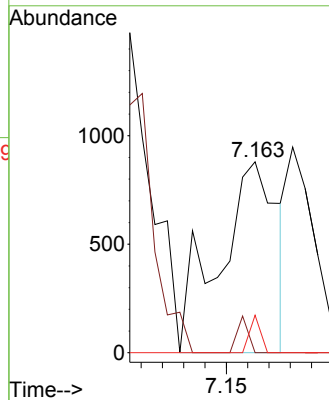
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 43	Resp: 1665
Ion Ratio	Lower Upper
43	100
61	0.0 14.9 22.3#
70	3.7 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 2.609 ug/l

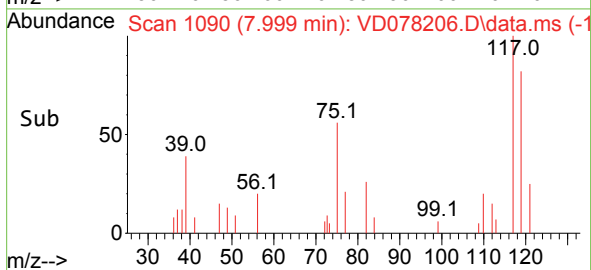
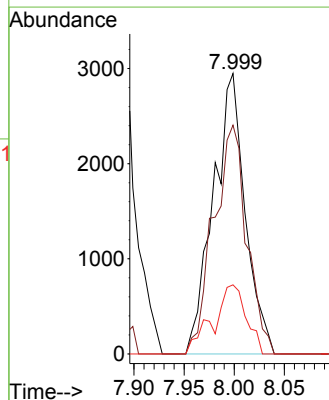
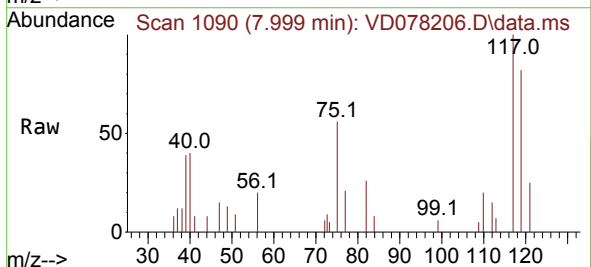
RT: 7.999 min Scan# 1090

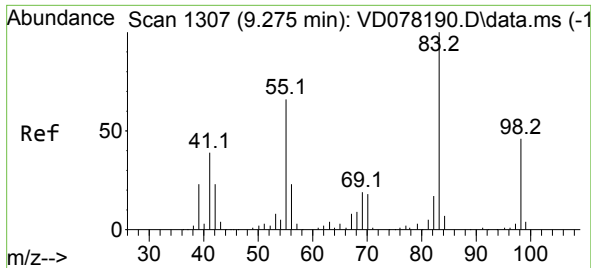
Delta R.T. 0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Tgt Ion: 117	Resp: 6526
Ion Ratio	Lower Upper
117	100
119	81.6 78.0 117.0
121	24.7 24.2 36.2





#39

Methylcyclohexane

Concen: 2.345 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

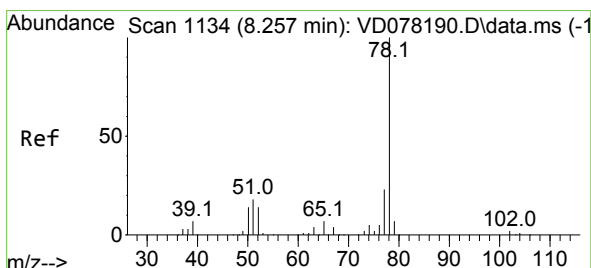
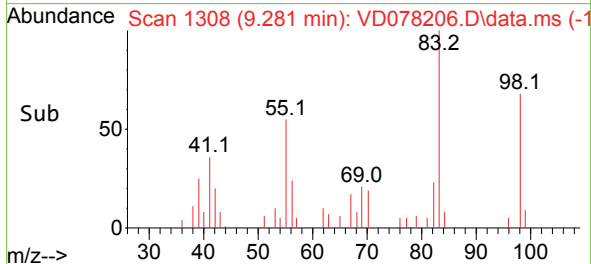
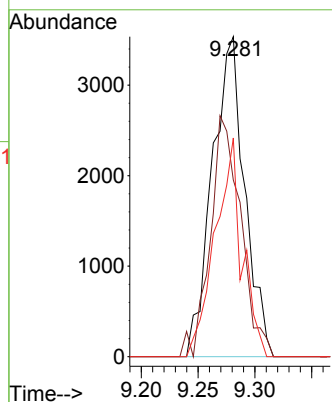
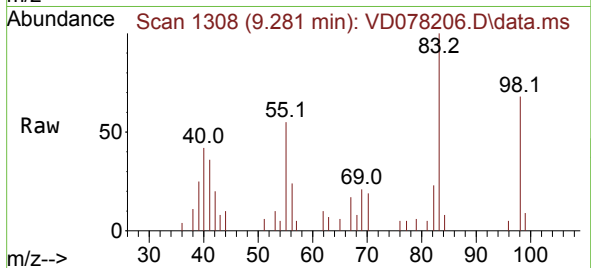
Tgt Ion: 83 Resp: 7024

Ion Ratio Lower Upper

83 100

55 55.2 49.4 74.0

98 68.4 38.4 57.6#



#40

Benzene

Concen: 2.408 ug/l

RT: 8.258 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VD078206.D

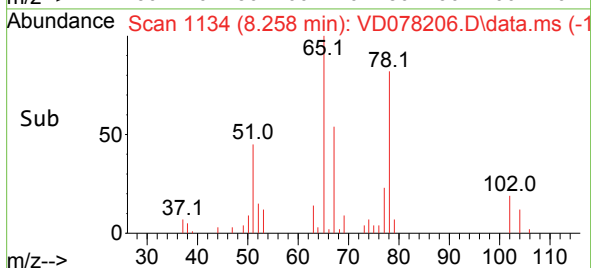
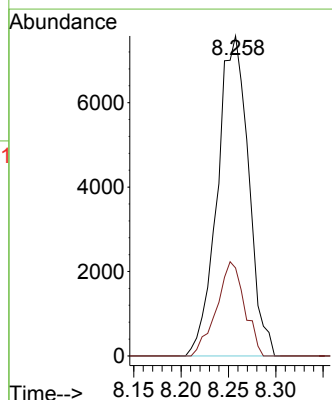
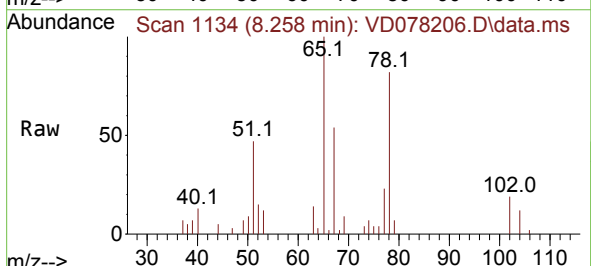
Acq: 23 Jan 2024 14:21

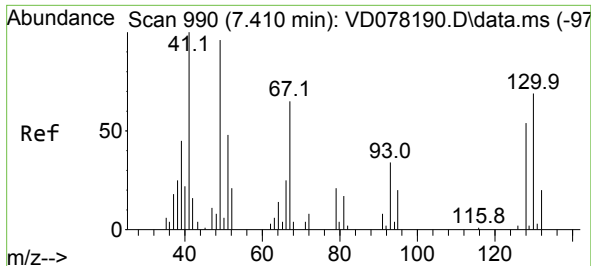
Tgt Ion: 78 Resp: 17306

Ion Ratio Lower Upper

78 100

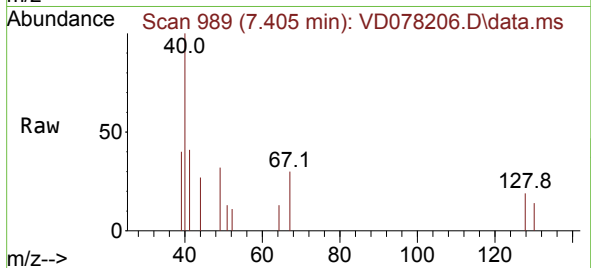
77 27.5 19.4 29.0



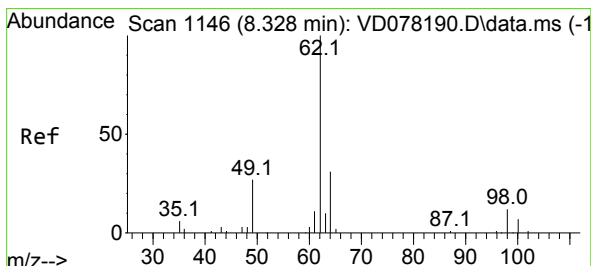
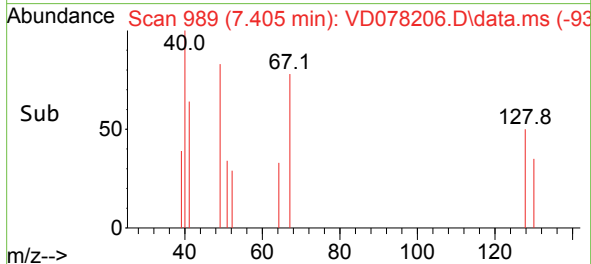
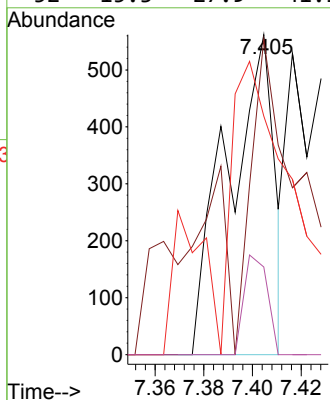


#41
Methacrylonitrile
Concen: 1.460 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

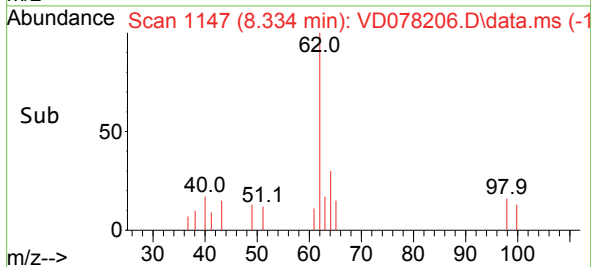
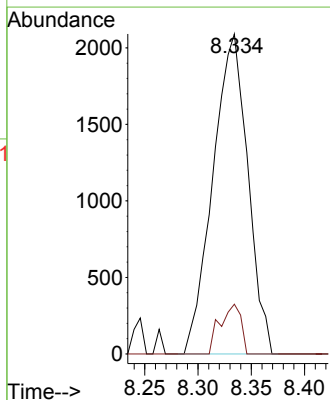
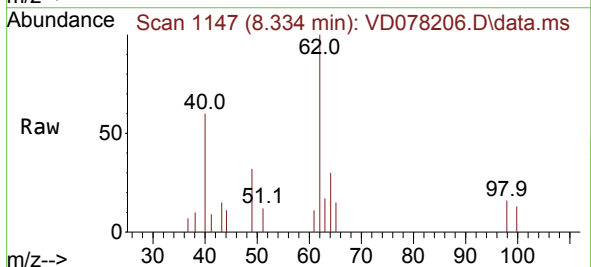


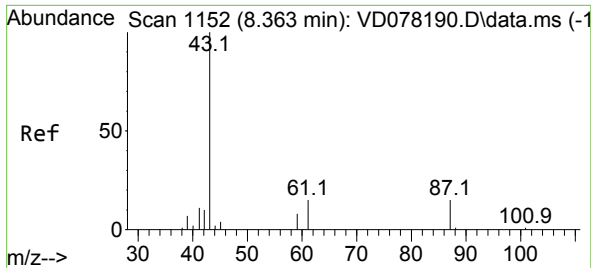
Tgt Ion:	41	Resp:	756
Ion	Ratio	Lower	Upper
41	100		
39	96.0	34.0	51.0#
67	125.0	77.0	115.4#
52	15.3	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 2.550 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:	62	Resp:	4769
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	25.4

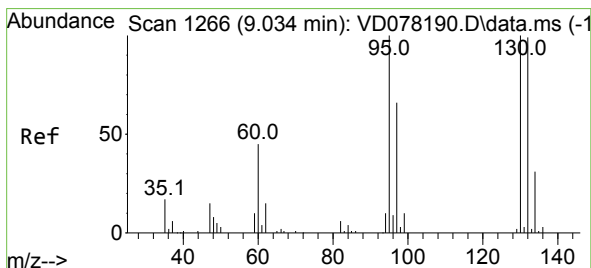
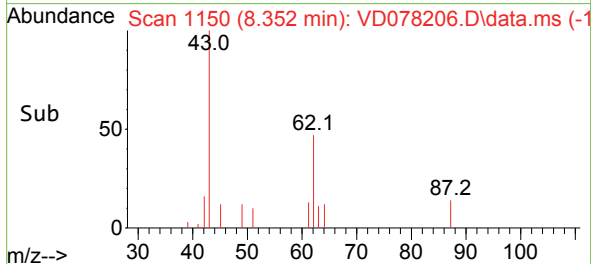
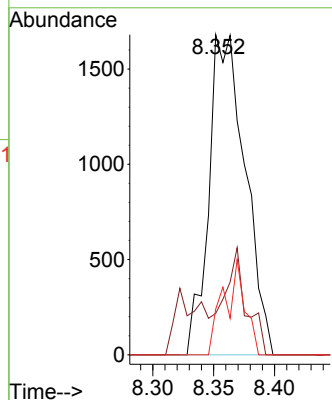
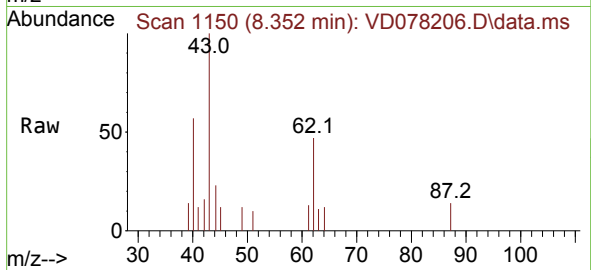




#43
Isopropyl Acetate
Concen: 2.017 ug/l
RT: 8.352 min Scan# 1150
Delta R.T. -0.012 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

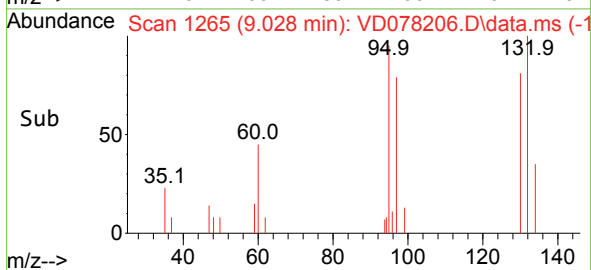
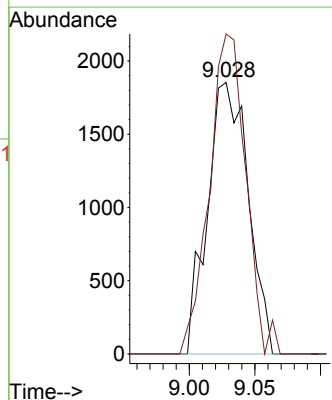
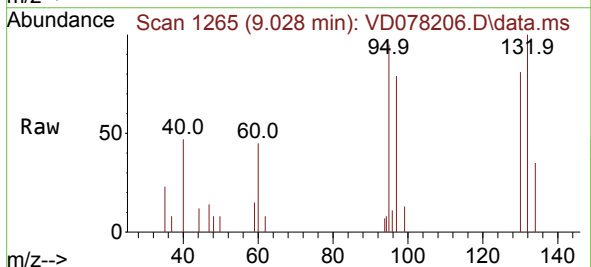
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

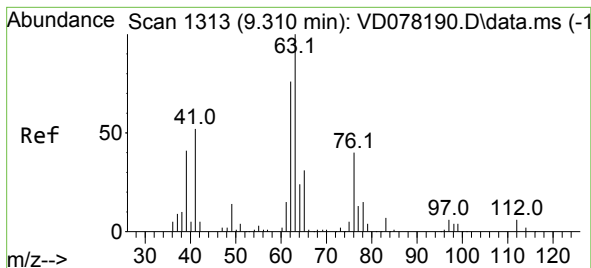
Tgt Ion: 43 Resp: 3485
Ion Ratio Lower Upper
43 100
61 21.0 31.4 47.0#
87 17.2 14.9 22.3



#44
Trichloroethene
Concen: 2.185 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:130 Resp: 4017
Ion Ratio Lower Upper
130 100
95 117.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 2.408 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

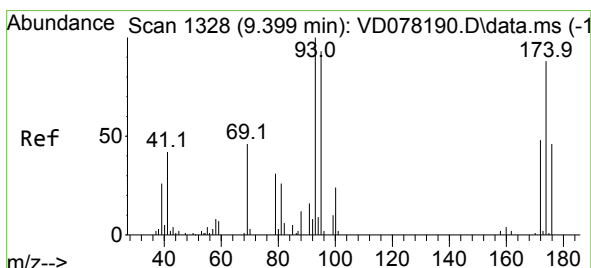
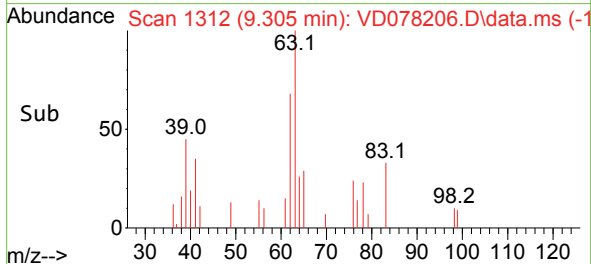
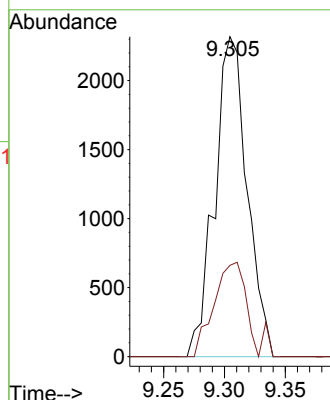
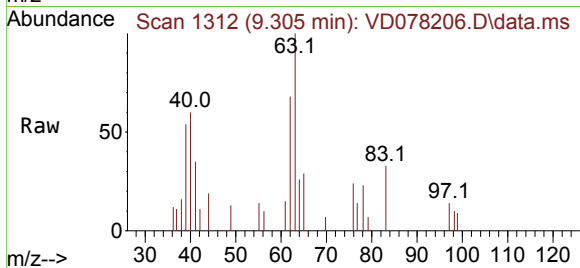
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 63 Resp: 4295

Ion Ratio Lower Upper

63 100

65 28.5 24.5 36.7



#46

Dibromomethane

Concen: 2.465 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

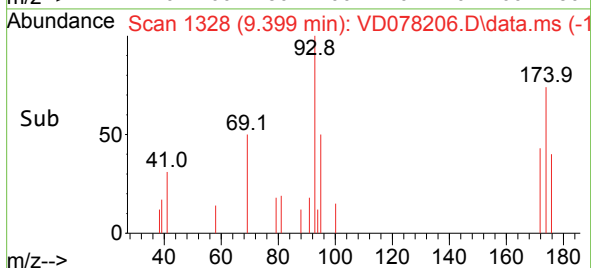
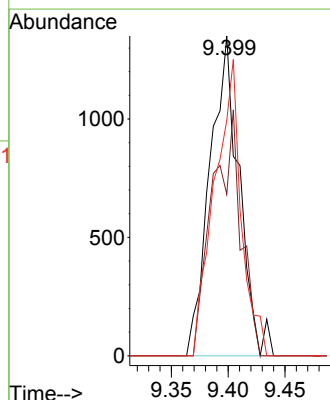
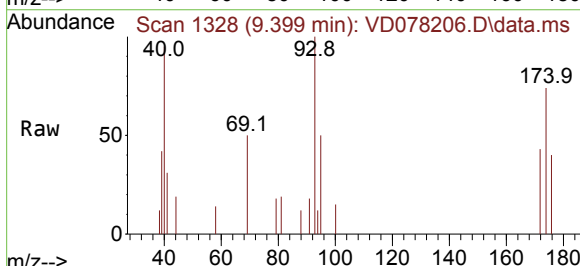
Tgt Ion: 93 Resp: 2414

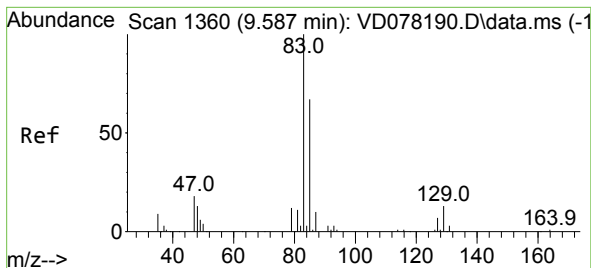
Ion Ratio Lower Upper

93 100

95 75.1 67.7 101.5

174 85.0 85.4 128.2#





#47

Bromodichloromethane

Concen: 2.549 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

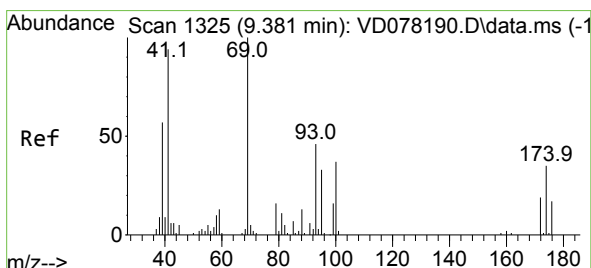
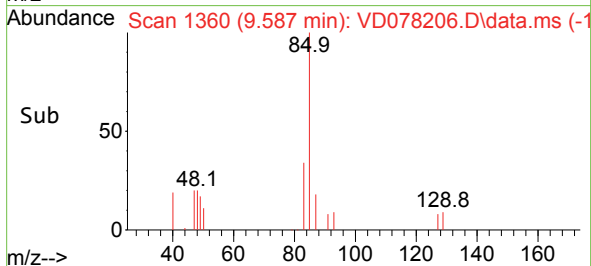
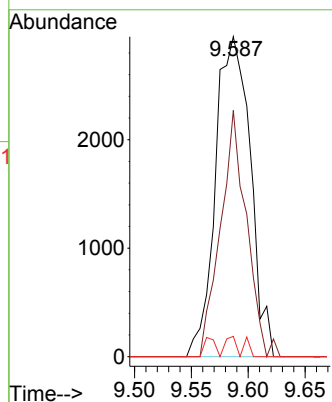
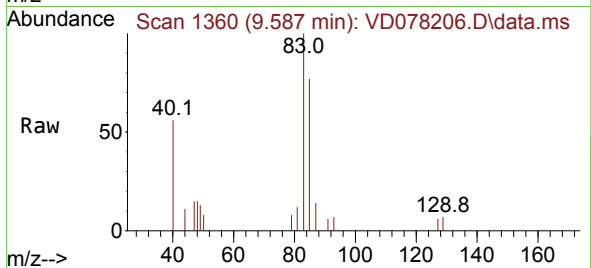
Tgt Ion: 83 Resp: 6271

Ion Ratio Lower Upper

83 100

85 76.9 50.2 75.4#

127 6.3 6.3 9.5



#48

Methyl methacrylate

Concen: 2.412 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

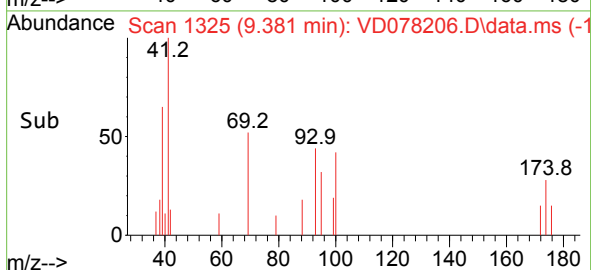
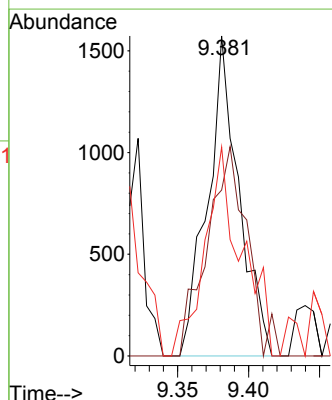
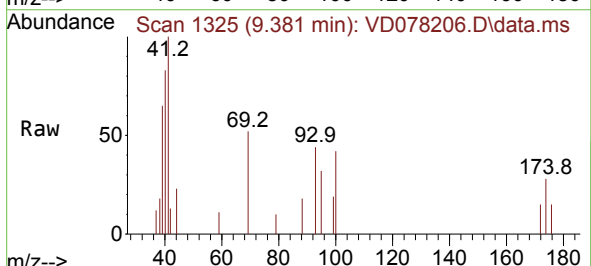
Tgt Ion: 41 Resp: 2412

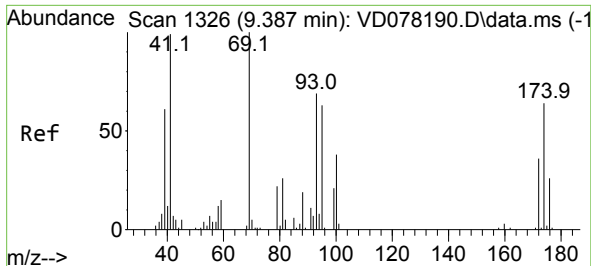
Ion Ratio Lower Upper

41 100

69 83.2 102.2 153.2#

39 76.9 41.4 62.2#





#49

1,4-Dioxane

Concen: 27.013 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078206.D

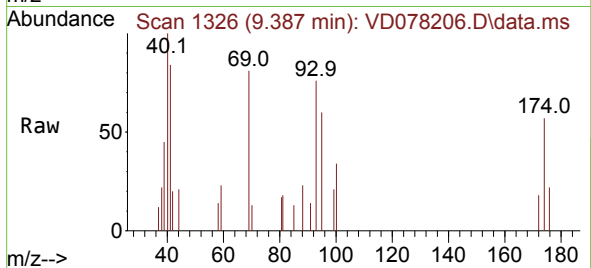
Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024



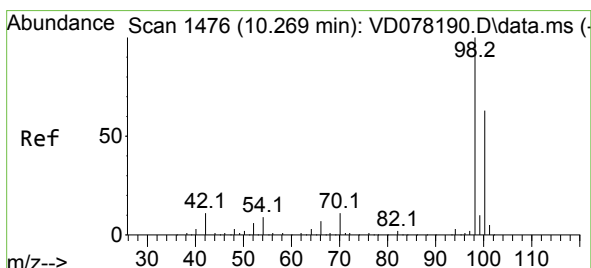
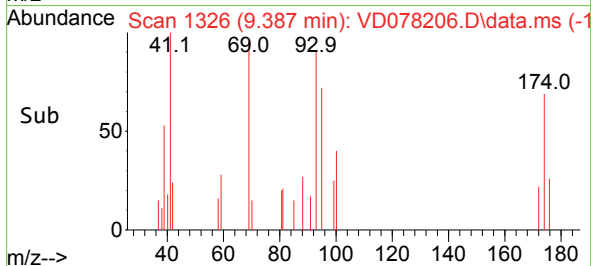
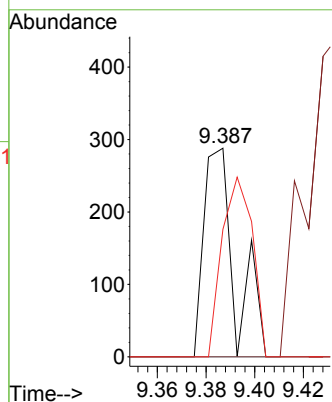
Tgt Ion: 88 Resp: 256

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 84.4 43.5 65.3#



#50

Toluene-d8

Concen: 46.744 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078206.D

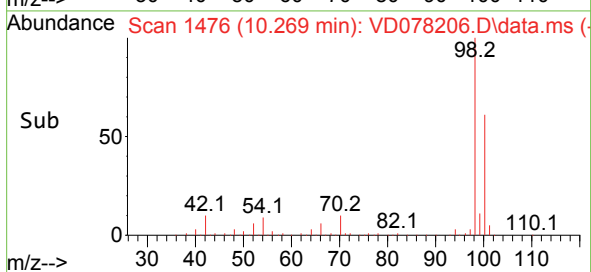
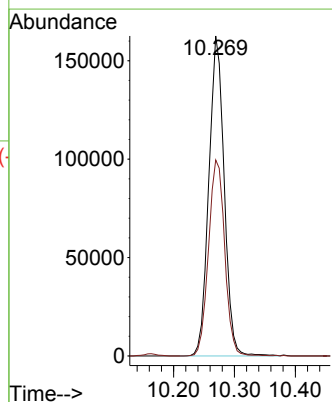
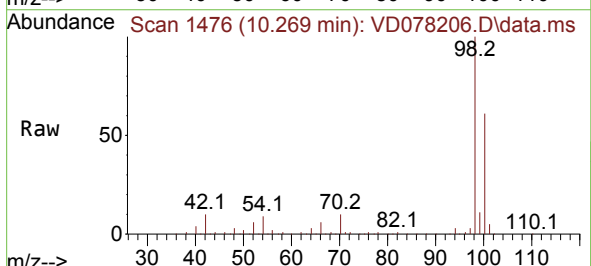
Acq: 23 Jan 2024 14:21

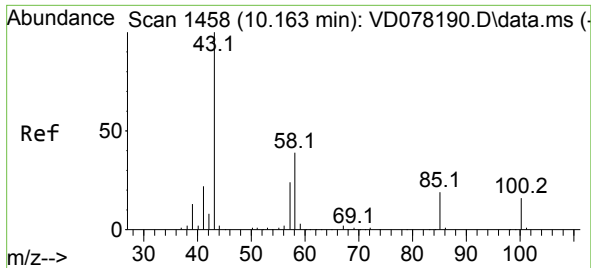
Tgt Ion: 98 Resp: 285065

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

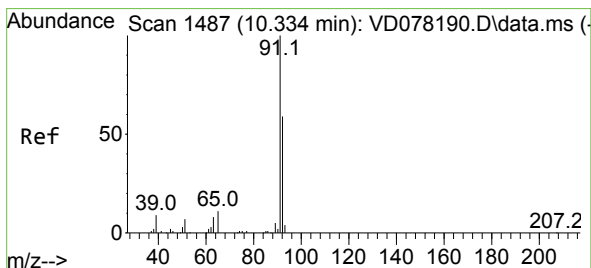
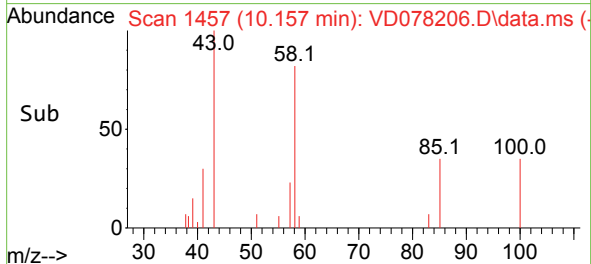
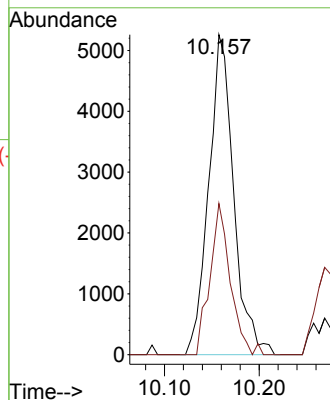
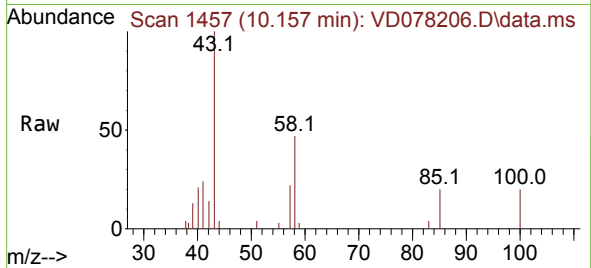




#51
4-Methyl-2-Pentanone
Concen: 10.598 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

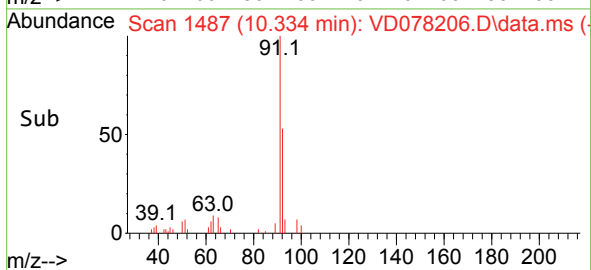
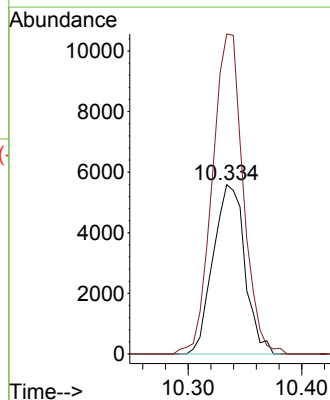
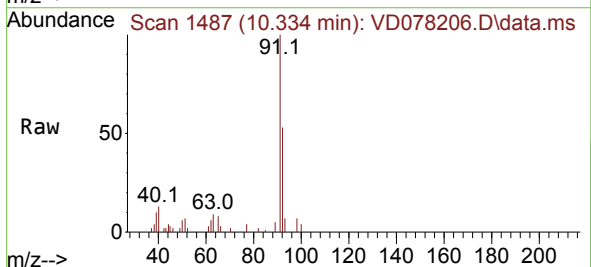
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

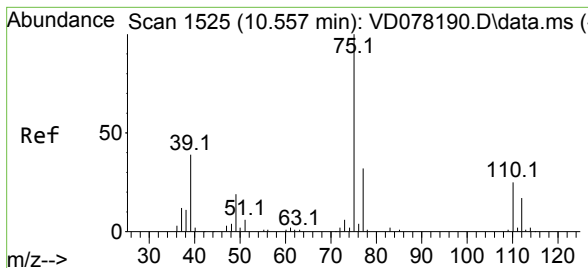
Tgt Ion: 43 Resp: 9620
Ion Ratio Lower Upper
43 100
58 38.6 38.9 58.3#



#52
Toluene
Concen: 2.371 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 92 Resp: 10802
Ion Ratio Lower Upper
92 100
91 184.4 143.0 214.4

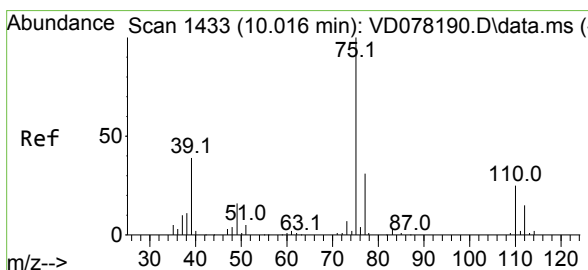
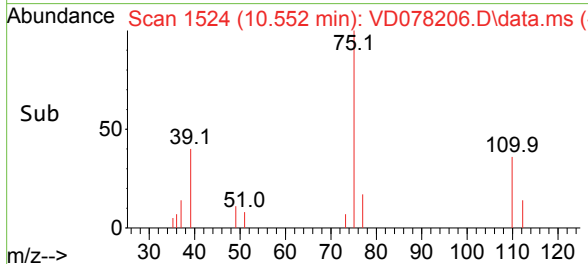
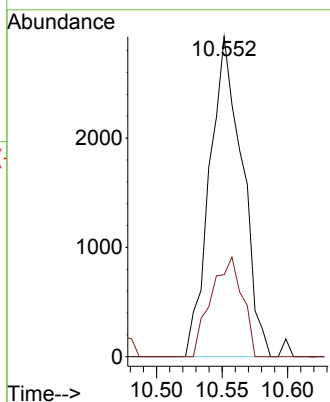
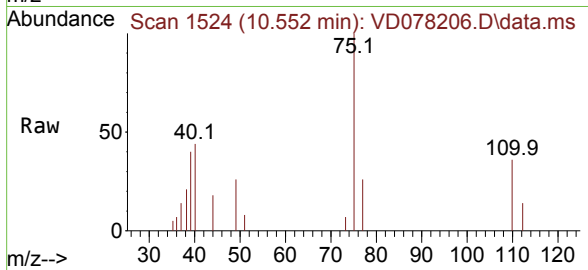




#53
 t-1,3-Dichloropropene
 Concen: 2.225 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

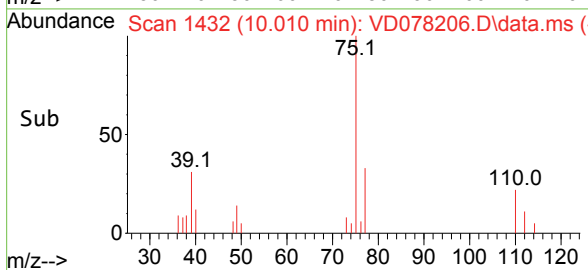
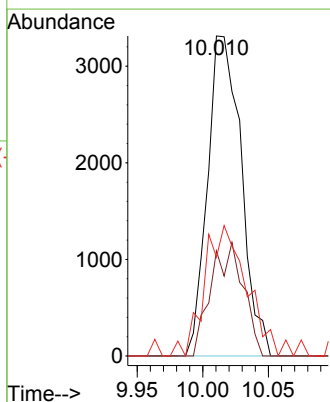
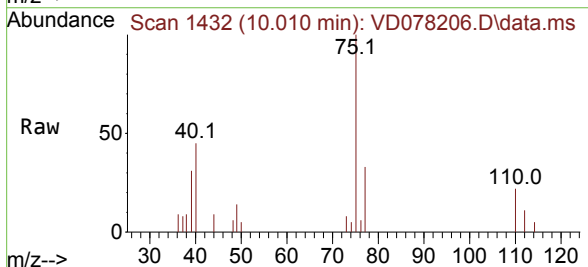
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

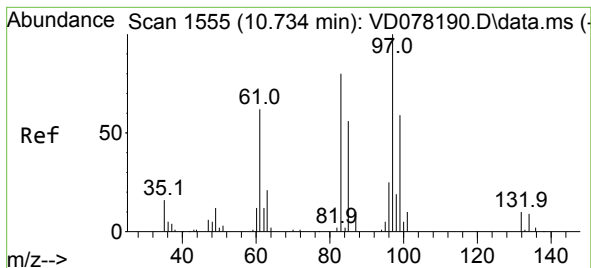
Tgt Ion: 75 Resp: 5051
 Ion Ratio Lower Upper
 75 100
 77 25.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 2.178 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

Tgt Ion: 75 Resp: 5927
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.5 38.3
 39 30.8 22.1 33.1

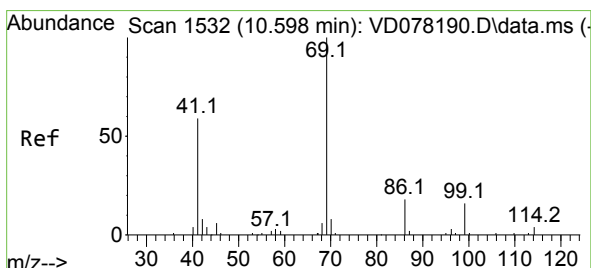
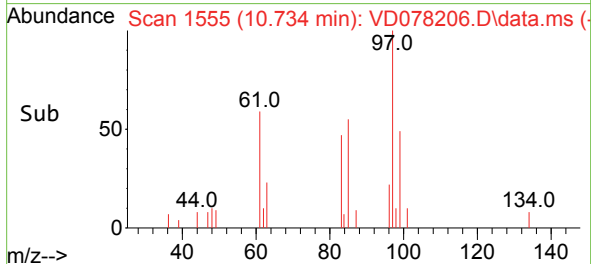
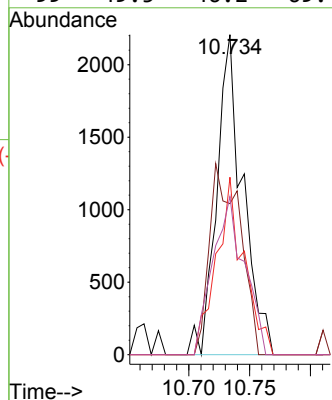
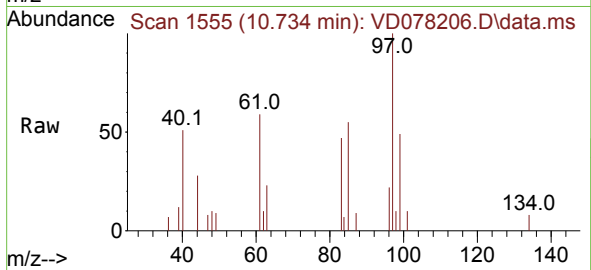




#55
1,1,2-Trichloroethane
Concen: 2.512 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

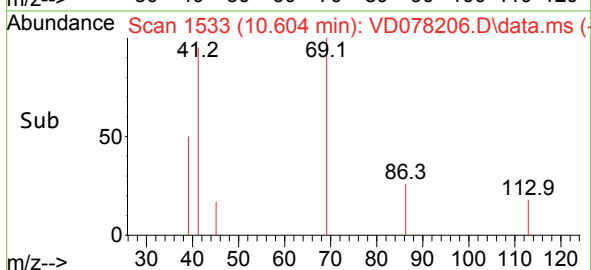
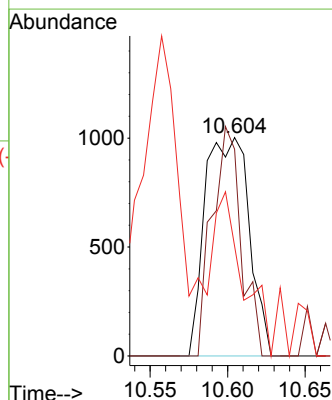
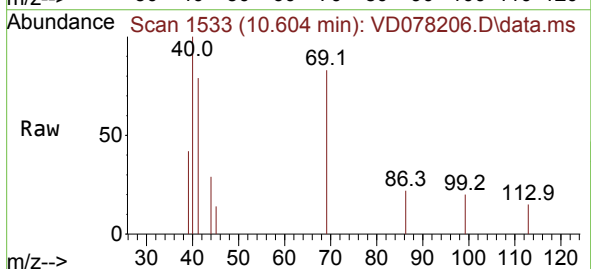
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

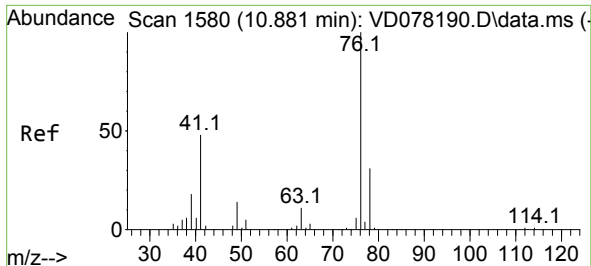
Tgt Ion:	97	Resp:	3292
Ion	Ratio	Lower	Upper
97	100		
83	47.2	65.8	98.6#
85	55.5	45.7	68.5
99	49.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 1.857 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:	69	Resp:	1992
Ion	Ratio	Lower	Upper
69	100		
41	69.1	39.1	58.7#
39	49.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 2.198 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

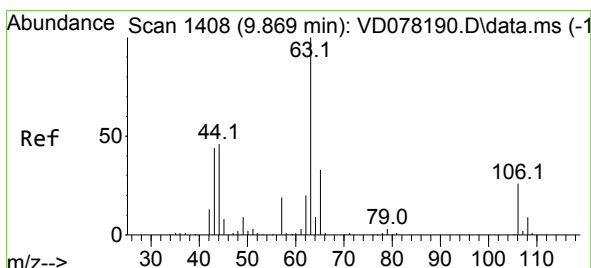
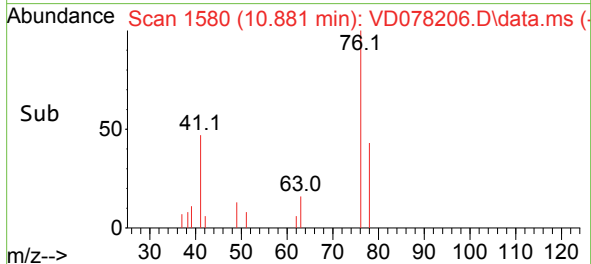
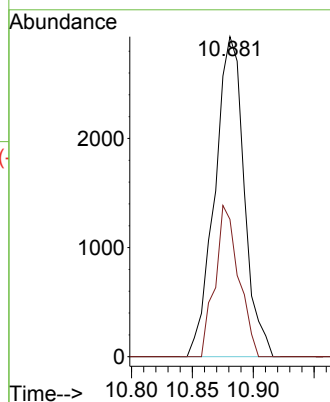
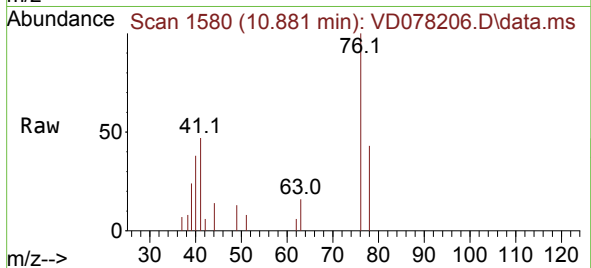
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 76 Resp: 4926

Ion Ratio Lower Upper

76 100

78 37.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 10.513 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078206.D

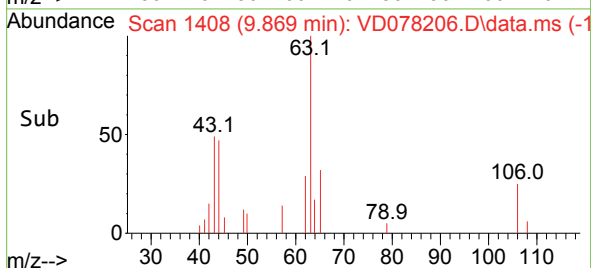
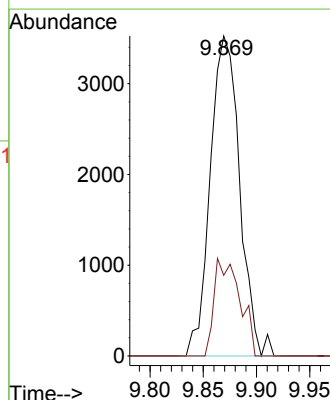
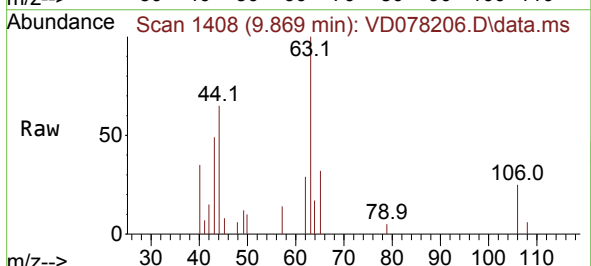
Acq: 23 Jan 2024 14:21

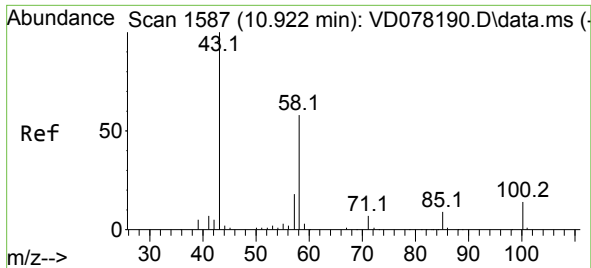
Tgt Ion: 63 Resp: 6759

Ion Ratio Lower Upper

63 100

106 26.6 25.3 37.9

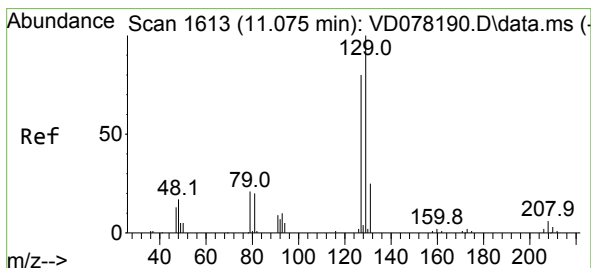
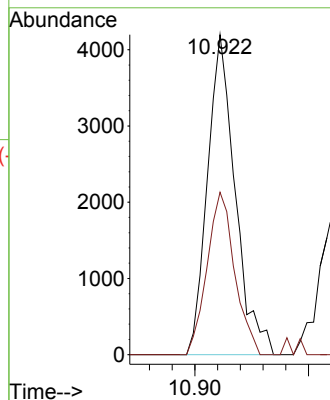
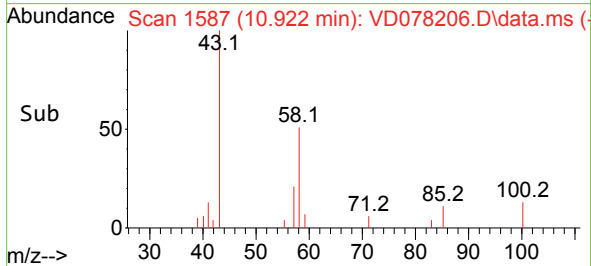
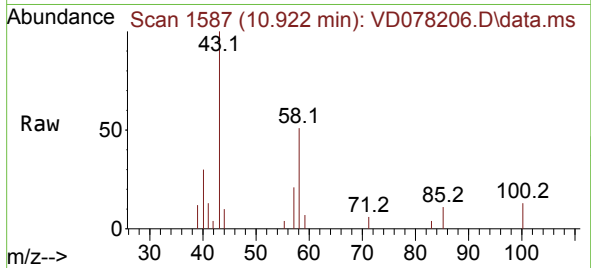




#59
2-Hexanone
Concen: 9.639 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

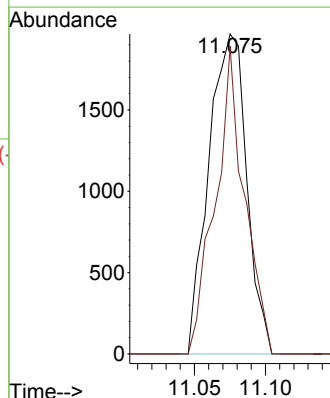
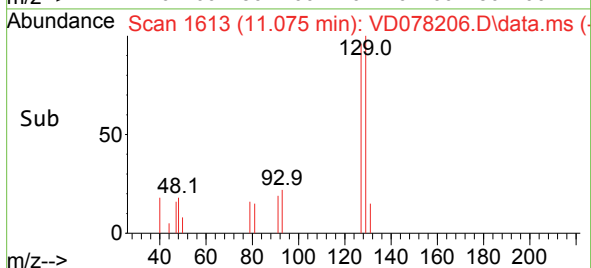
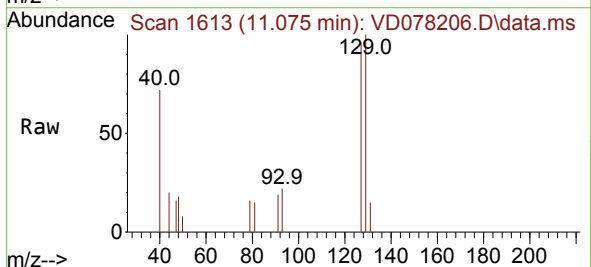
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

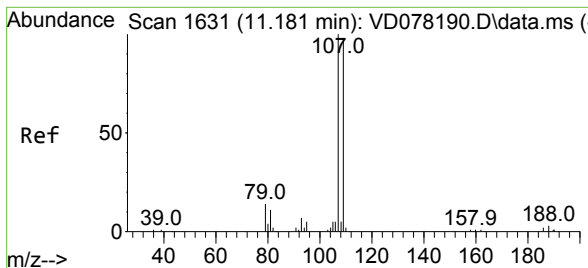
Tgt Ion: 43 Resp: 7110
Ion Ratio Lower Upper
43 100
58 50.5 34.1 102.2



#60
Dibromochloromethane
Concen: 2.360 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 129 Resp: 3647
Ion Ratio Lower Upper
129 100
127 74.0 37.1 111.5

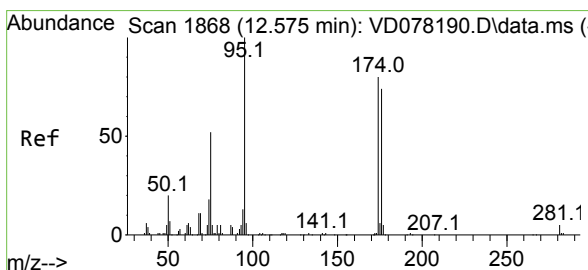
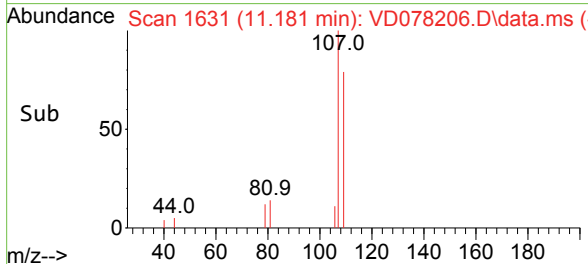
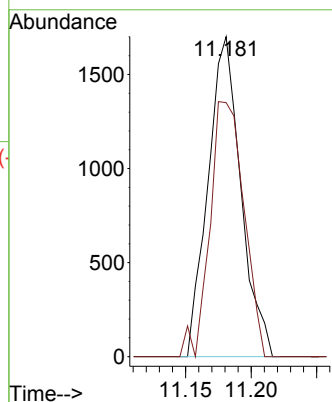
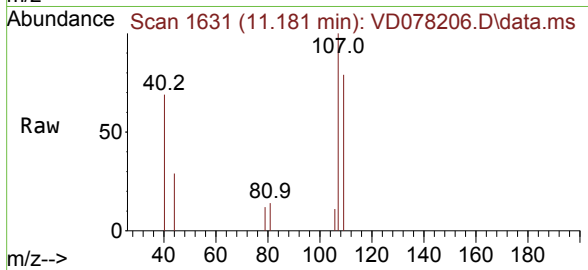




#61
1,2-Dibromoethane
Concen: 2.451 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

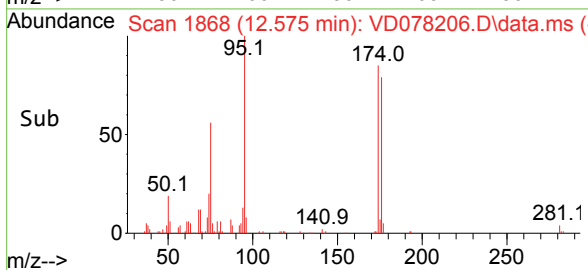
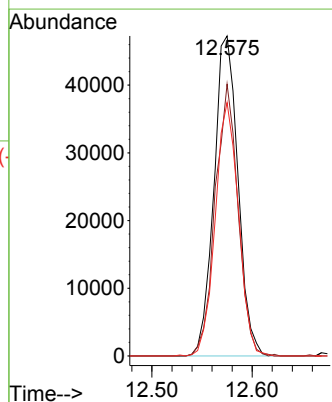
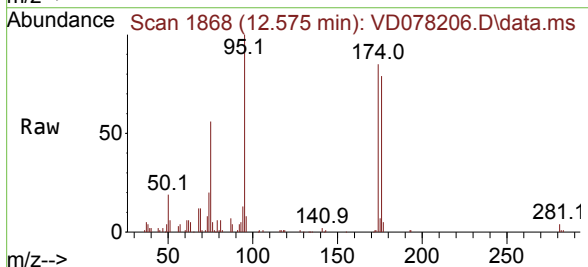
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

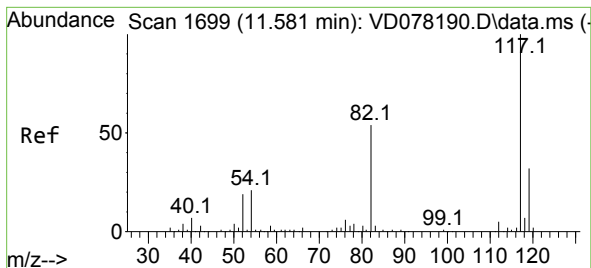
Tgt Ion:107 Resp: 2961
Ion Ratio Lower Upper
107 100
109 82.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.468 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 95 Resp: 78644
Ion Ratio Lower Upper
95 100
174 80.5 0.0 201.8
176 76.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

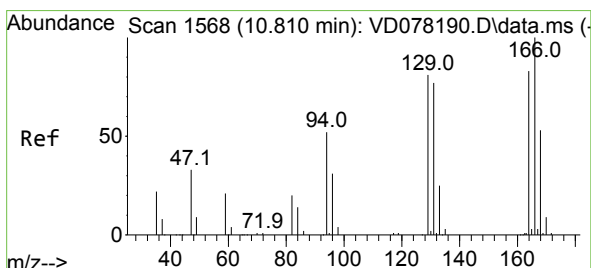
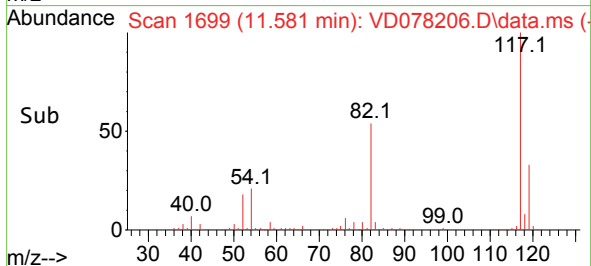
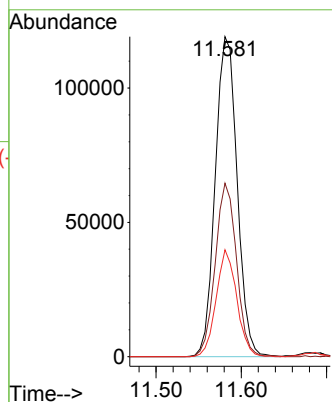
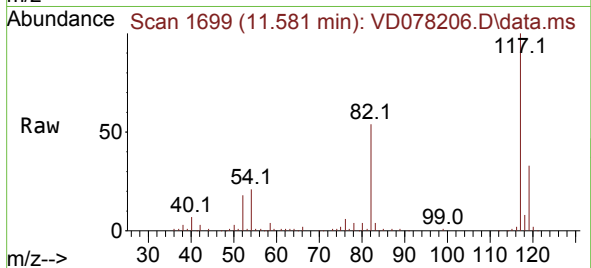
Tgt Ion:117 Resp: 212565

Ion Ratio Lower Upper

117 100

82 54.2 38.3 57.5

119 33.4 25.0 37.4



#64

Tetrachloroethene

Concen: 2.664 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Tgt Ion:164 Resp: 3703

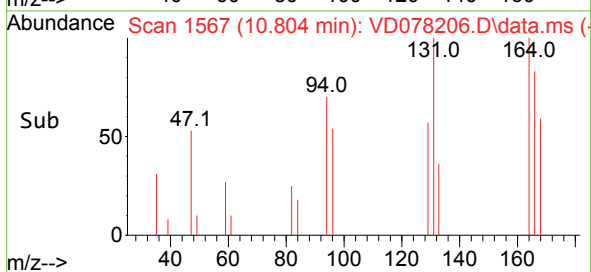
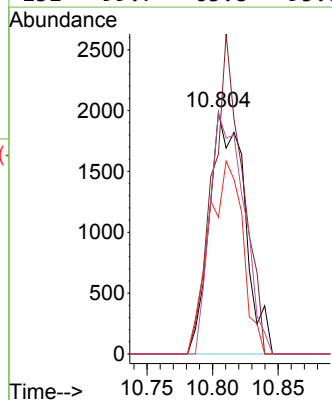
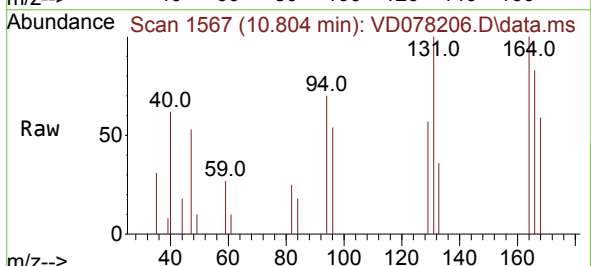
Ion Ratio Lower Upper

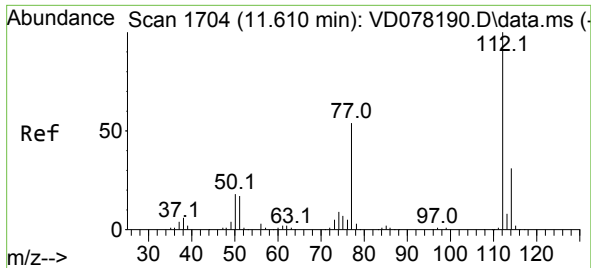
164 100

166 82.7 99.2 148.8#

129 56.5 68.4 102.6#

131 99.7 63.8 95.8#

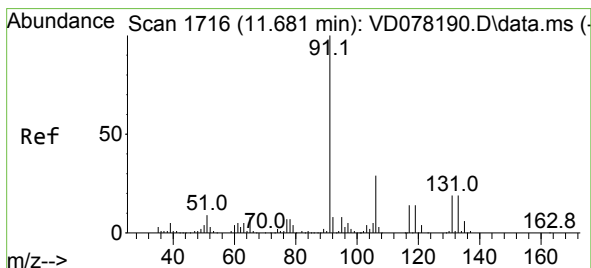
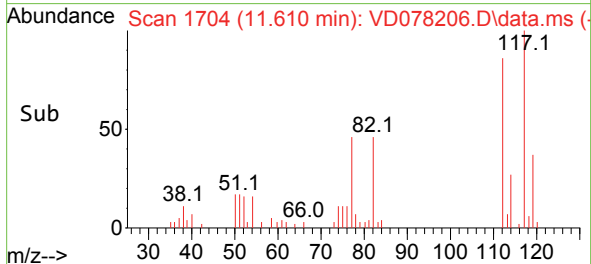
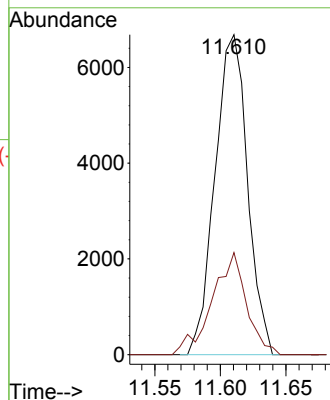
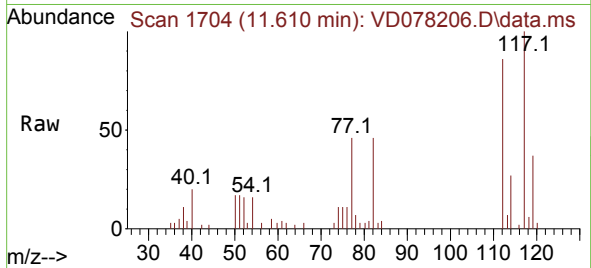




#65
Chlorobenzene
Concen: 2.457 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

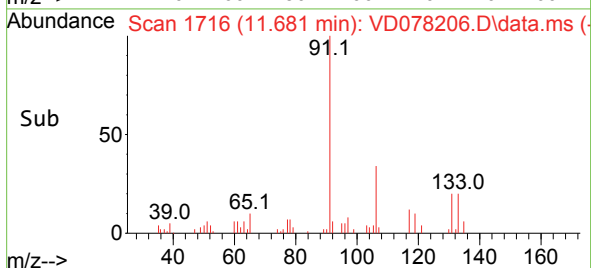
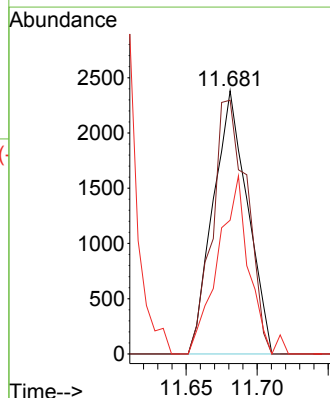
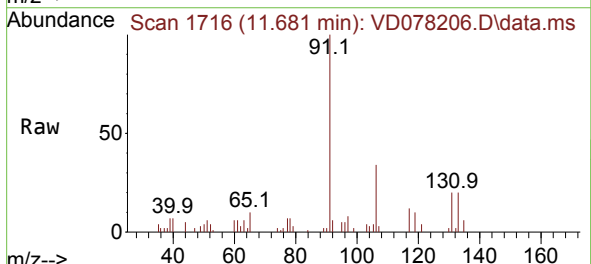
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

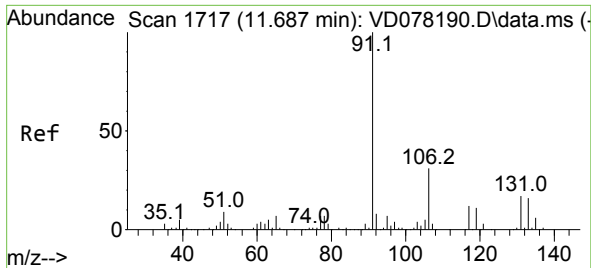
Tgt Ion:112 Resp: 11536
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 2.385 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:131 Resp: 4002
Ion Ratio Lower Upper
131 100
133 97.5 48.5 145.5
119 61.5 35.6 106.9

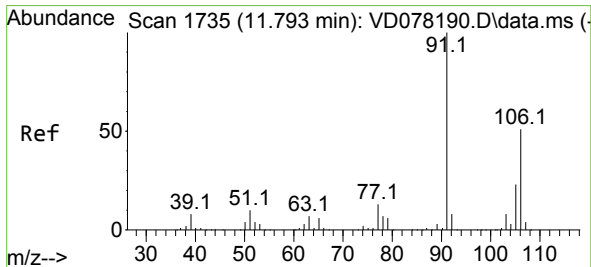
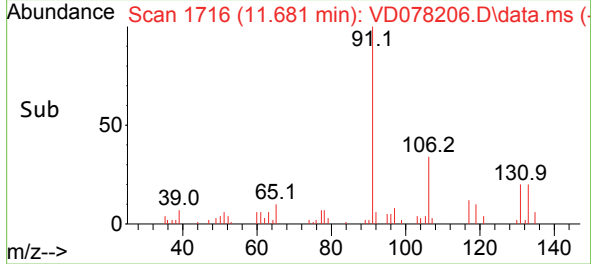
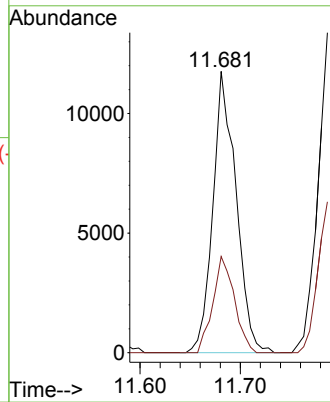
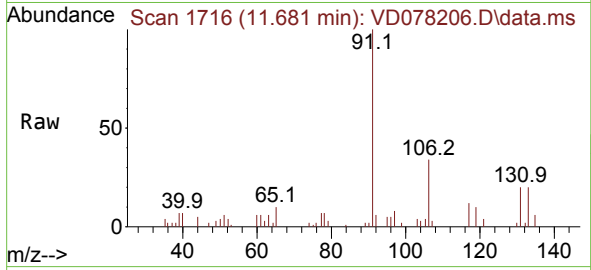




#67
Ethyl Benzene
Concen: 2.211 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

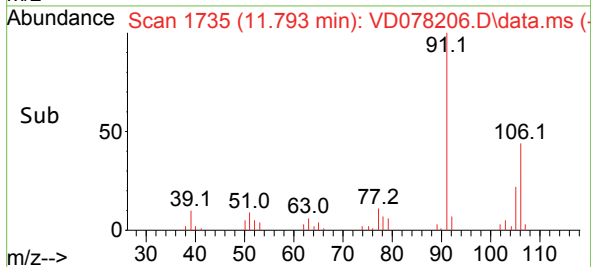
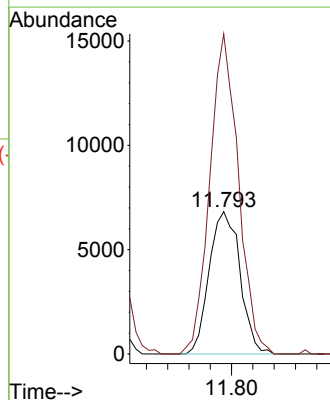
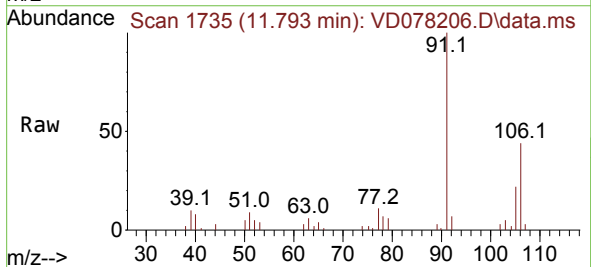
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

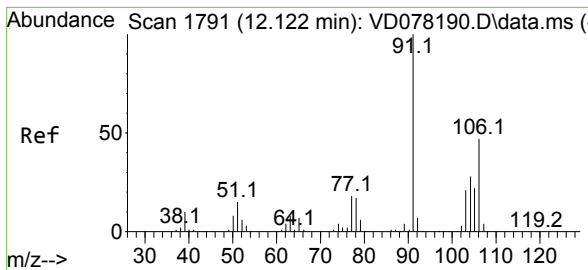
Tgt Ion: 91 Resp: 18892
Ion Ratio Lower Upper
91 100
106 34.2 26.5 39.7



#68
m/p-Xylenes
Concen: 4.193 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:106 Resp: 13685
Ion Ratio Lower Upper
106 100
91 208.9 147.0 220.6

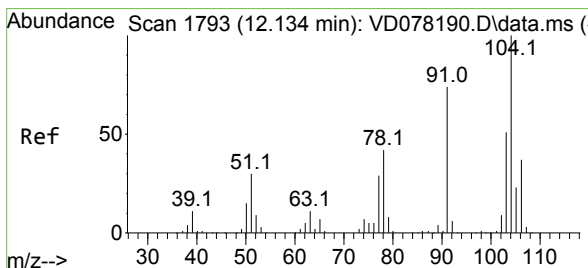
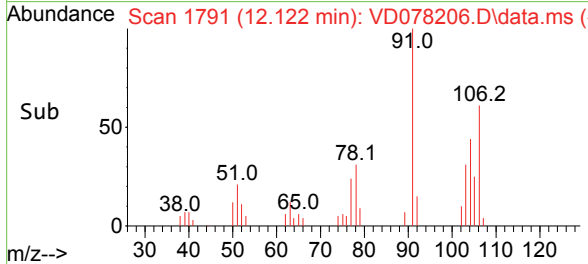
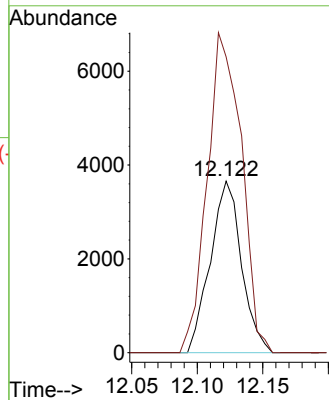
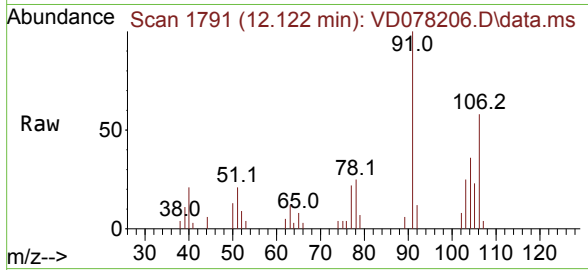




#69
o-Xylene
Concen: 2.039 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

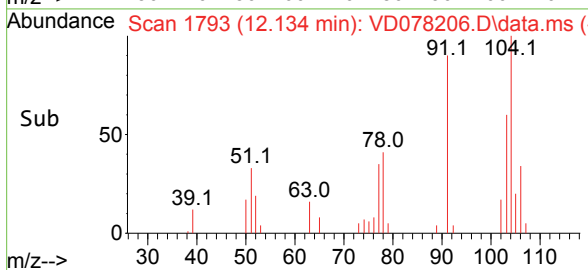
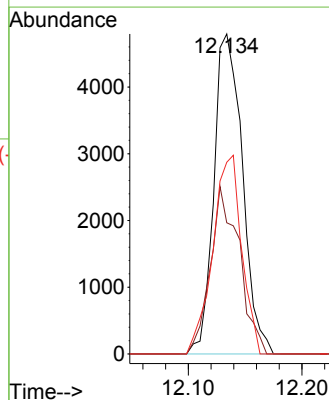
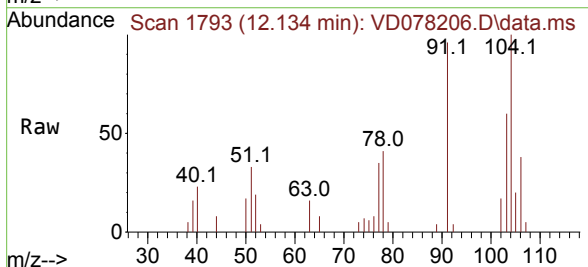
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

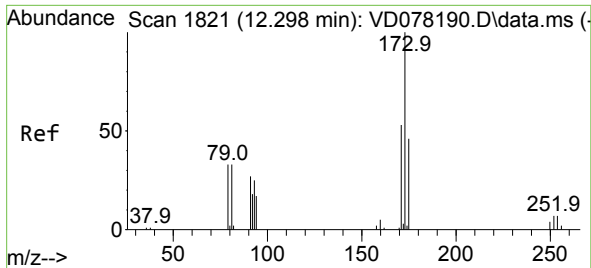
Tgt Ion:106 Resp: 6039
Ion Ratio Lower Upper
106 100
91 204.9 97.9 293.6



#70
Styrene
Concen: 1.884 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:104 Resp: 8360
Ion Ratio Lower Upper
104 100
78 53.1 33.2 49.8#
103 62.9 43.6 65.4

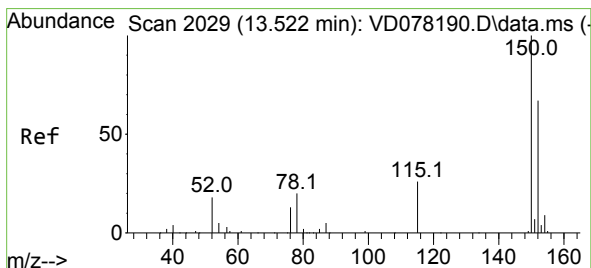
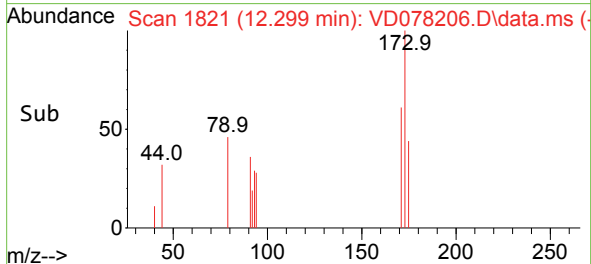
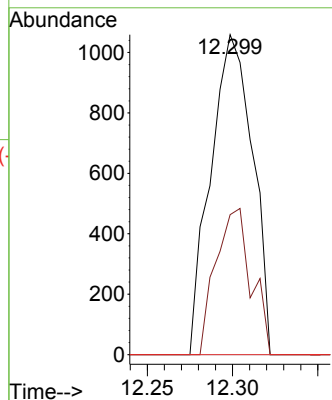
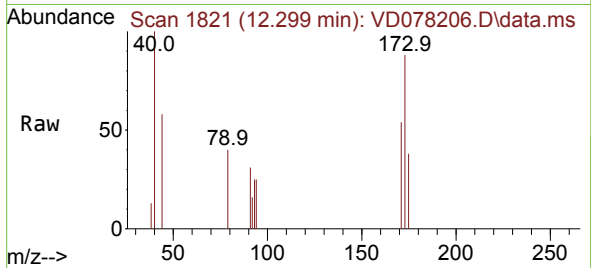




#71
Bromoform
Concen: 2.179 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

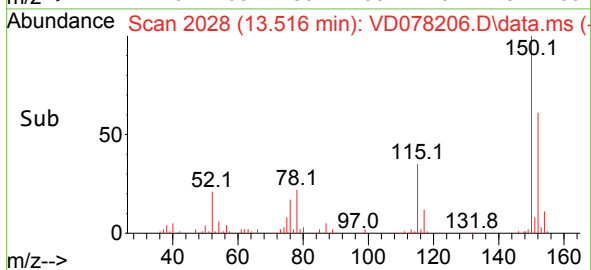
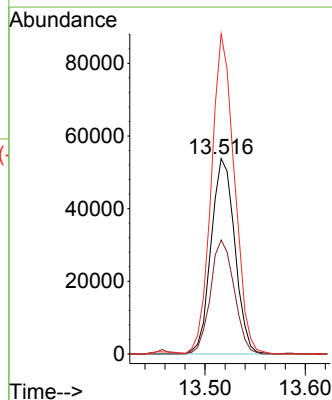
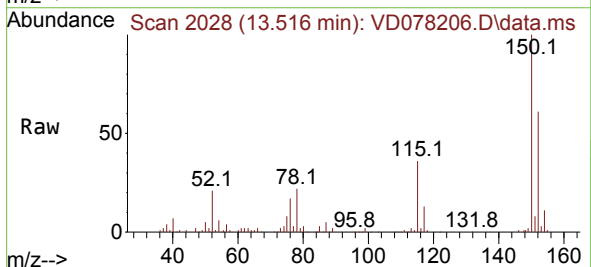
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

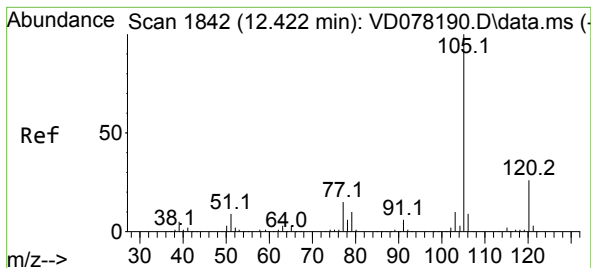
Tgt Ion:	173	Resp:	1811
Ion Ratio	Lower	Upper	
173	100		
175	38.7	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:	152	Resp:	88359
Ion Ratio	Lower	Upper	
152	100		
115	58.3	27.1	81.3
150	160.0	0.0	353.6





#73

Isopropylbenzene

Concen: 2.318 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

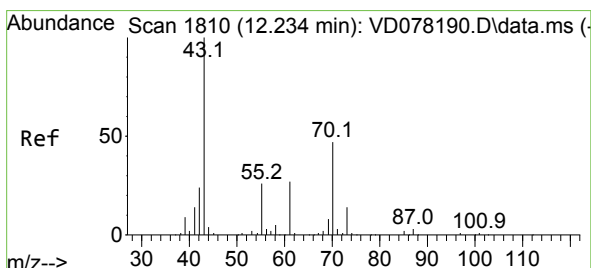
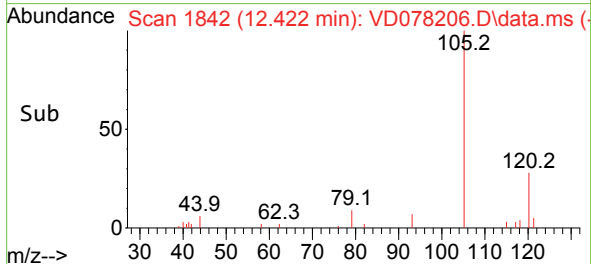
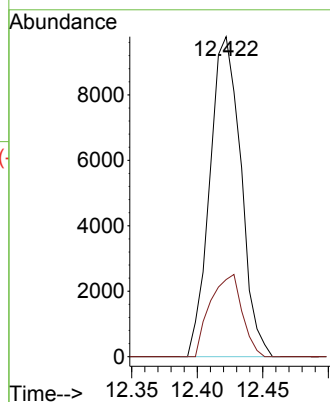
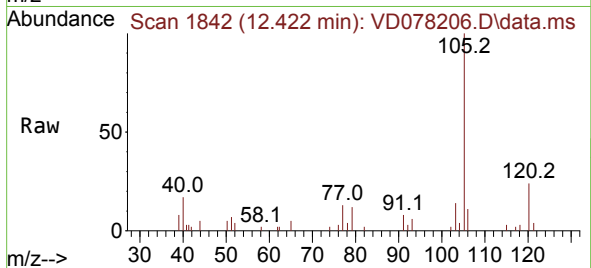
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:105 Resp: 16102

Ion Ratio Lower Upper

105 100

120 26.3 14.3 42.9



#74

N-ethyl acetate

Concen: 2.388 ug/l

RT: 12.240 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Tgt Ion: 43 Resp: 3174

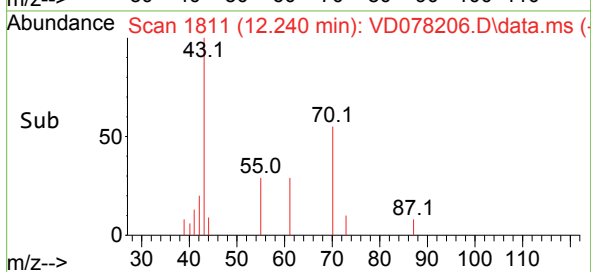
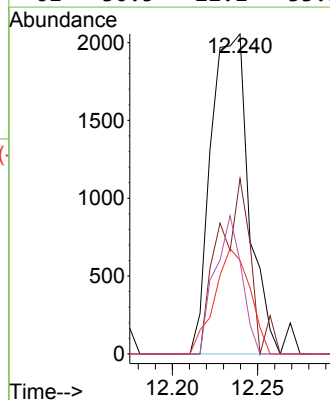
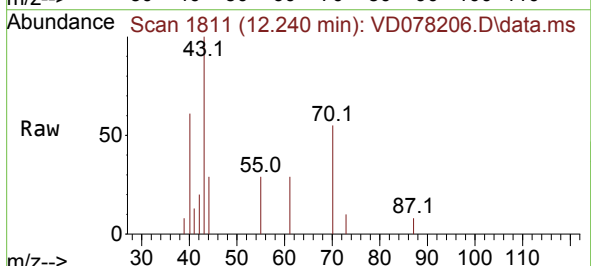
Ion Ratio Lower Upper

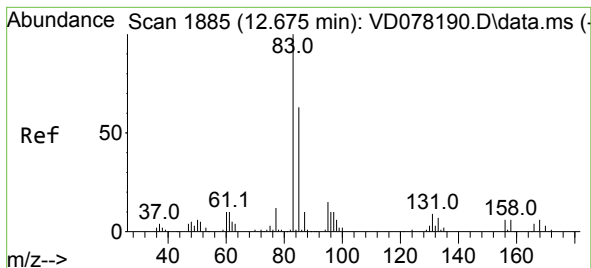
43 100

70 46.0 45.0 67.4

55 30.7 23.8 35.6

61 30.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 2.459 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

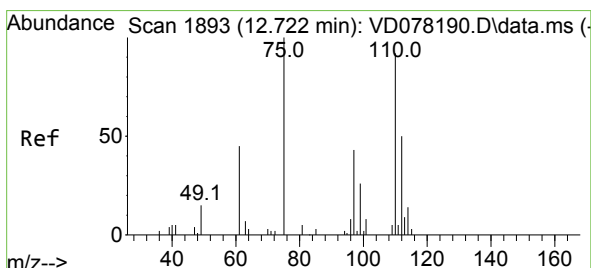
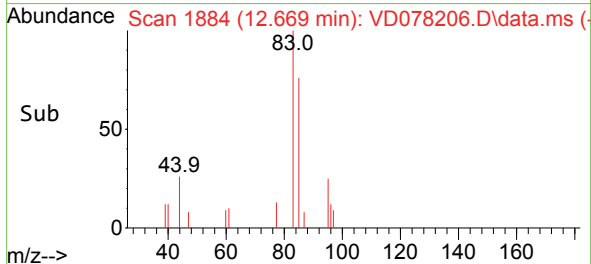
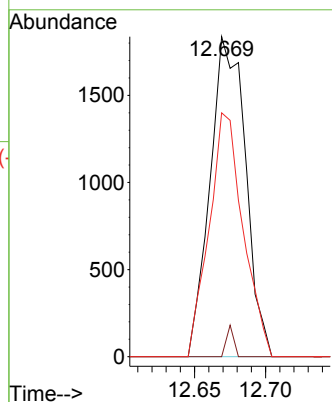
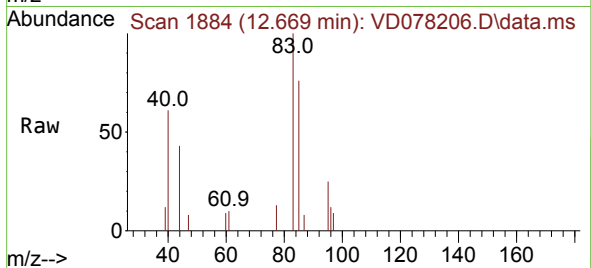
Tgt Ion: 83 Resp: 3179

Ion Ratio Lower Upper

83 100

131 2.0 5.1 15.3#

85 73.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 2.051 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.018 min

Lab File: VD078206.D

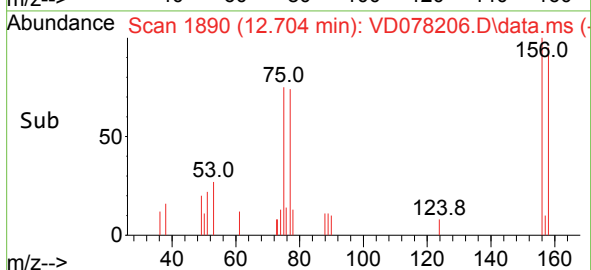
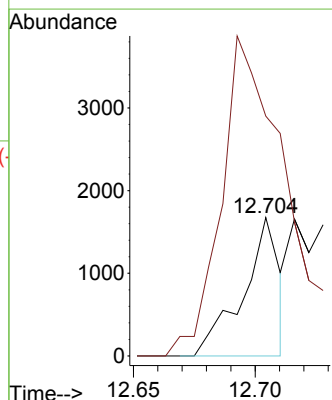
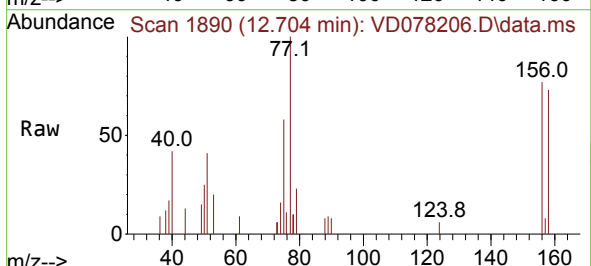
Acq: 23 Jan 2024 14:21

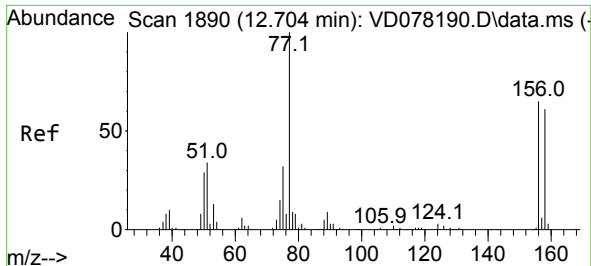
Tgt Ion: 75 Resp: 1738

Ion Ratio Lower Upper

75 100

77 422.1 0.0 0.0#

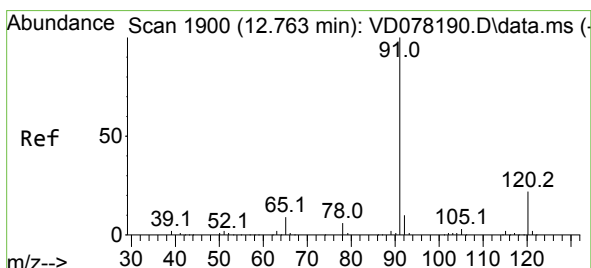
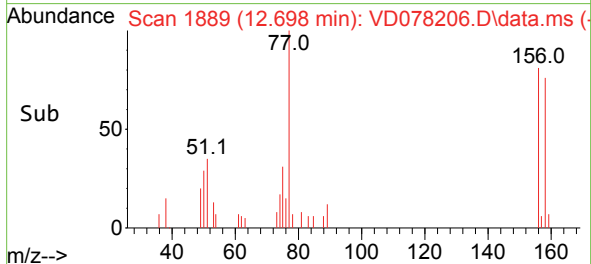
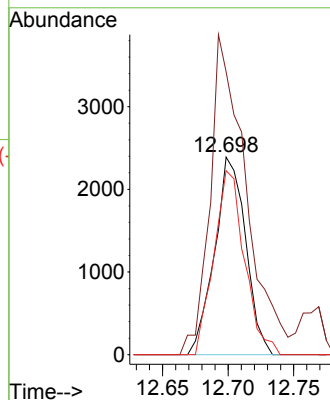
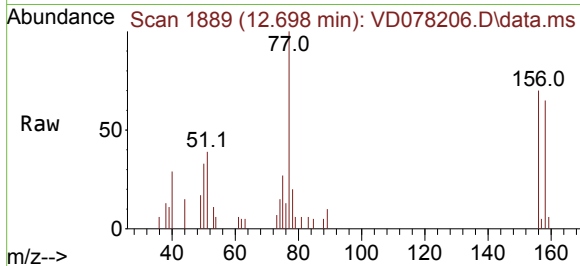




#77
Bromobenzene
Concen: 2.588 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

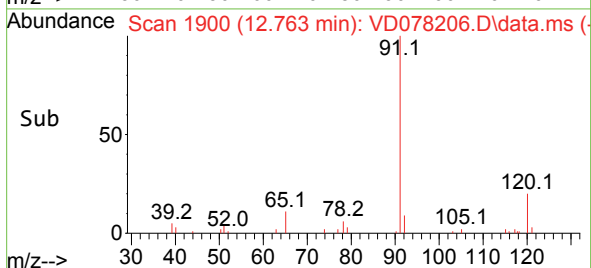
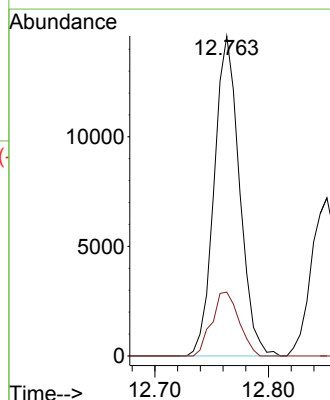
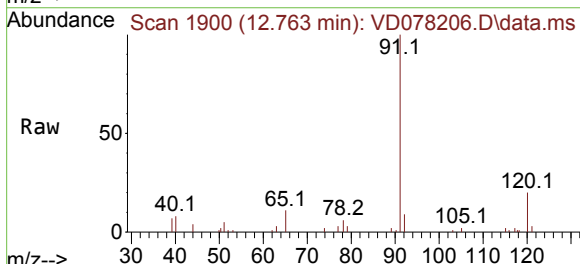
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

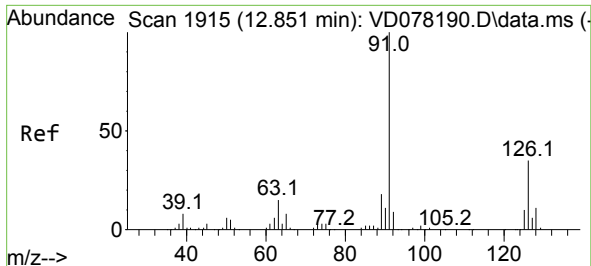
Tgt Ion:156 Resp: 3942
Ion Ratio Lower Upper
156 100
77 186.1 76.8 230.4
158 91.6 48.6 145.9



#78
n-propylbenzene
Concen: 2.626 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 91 Resp: 22631
Ion Ratio Lower Upper
91 100
120 21.4 12.4 37.2

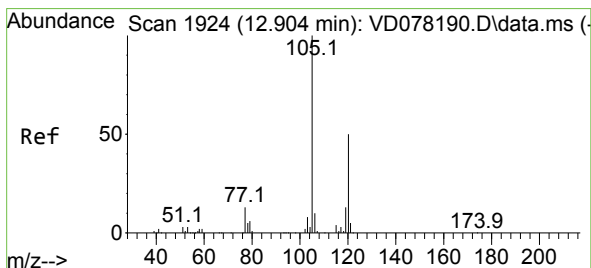
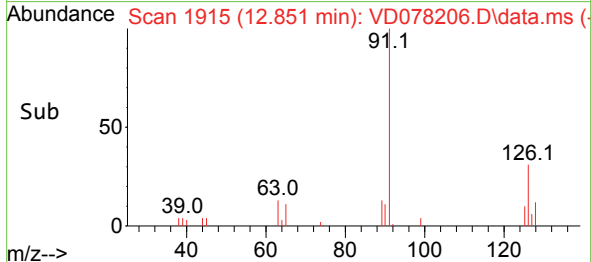
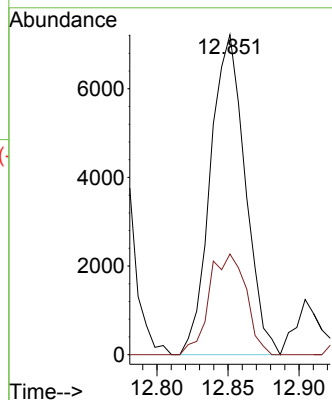
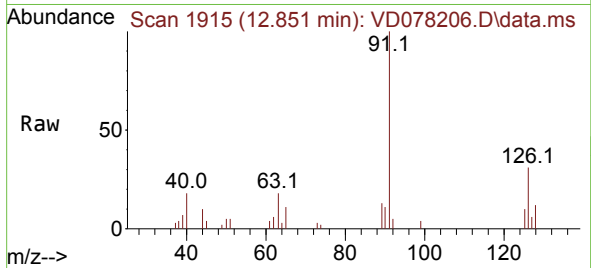




#79
2-Chlorotoluene
Concen: 2.678 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

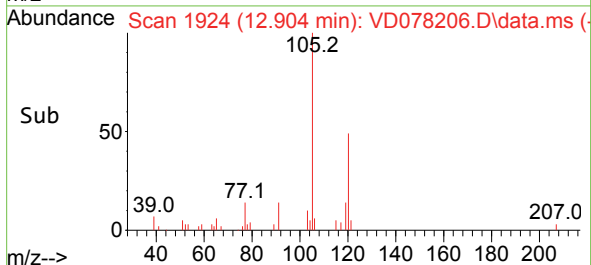
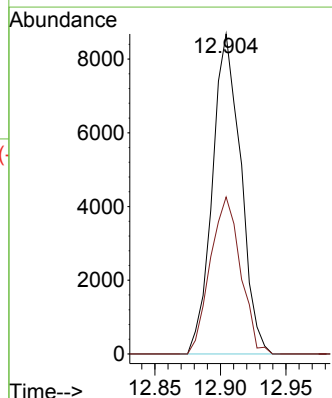
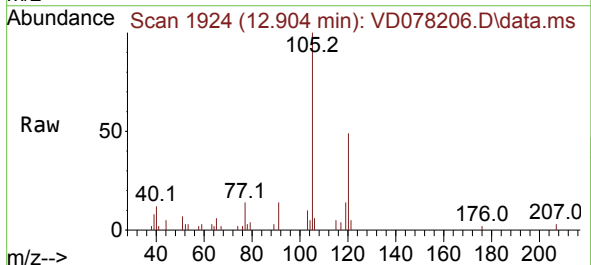
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

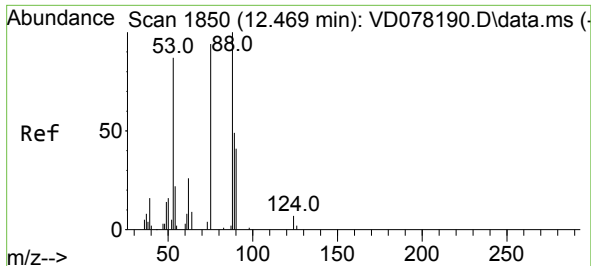
Tgt Ion: 91 Resp: 12313
Ion Ratio Lower Upper
91 100
126 33.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 2.267 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 105 Resp: 13058
Ion Ratio Lower Upper
105 100
120 52.4 26.4 79.2

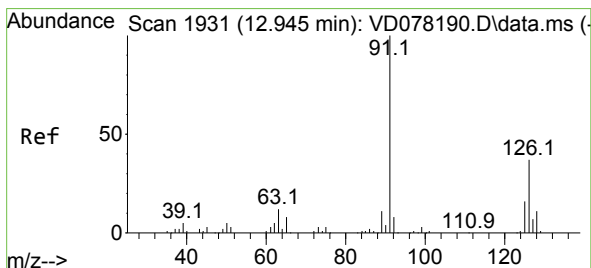
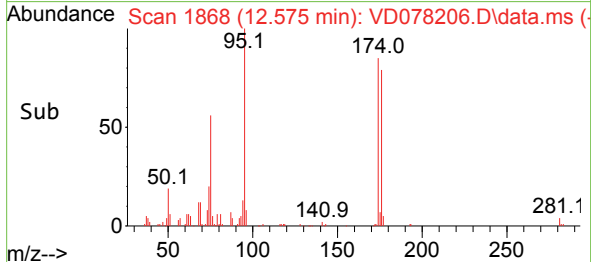
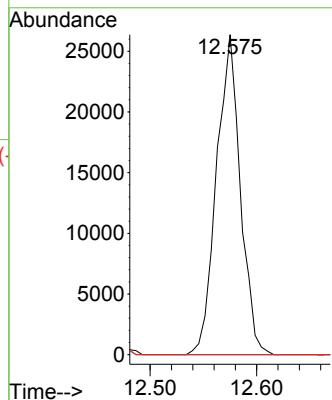
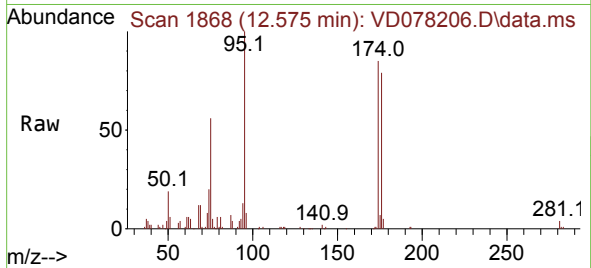




#81
trans-1,4-Dichloro-2-butene
Concen: 104.065 ug/l
RT: 12.575 min Scan# 1850
Delta R.T. 0.106 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

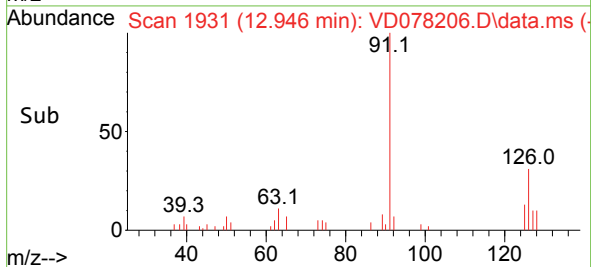
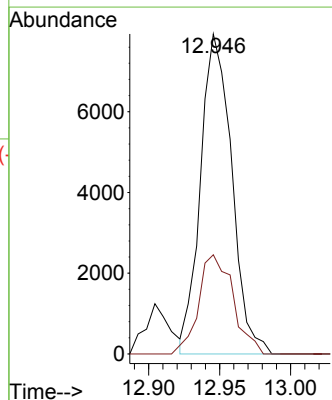
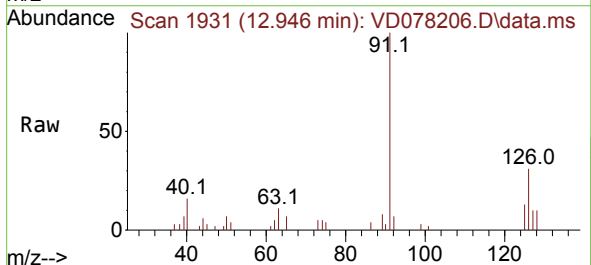
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

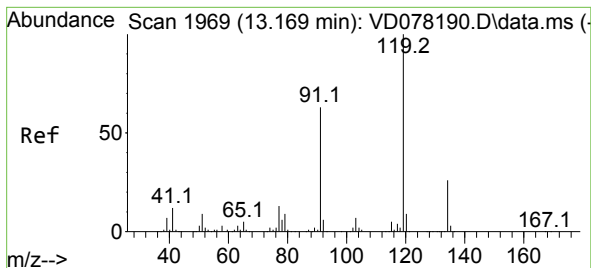
Tgt Ion: 75 Resp: 40943
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 2.497 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 91 Resp: 12102
Ion Ratio Lower Upper
91 100
126 34.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 2.268 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

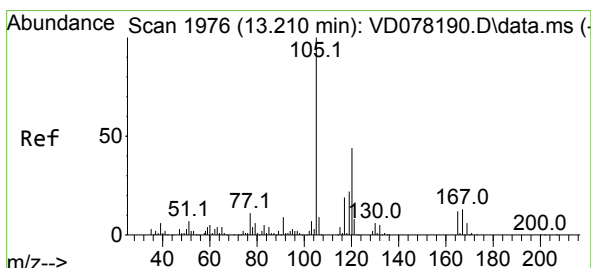
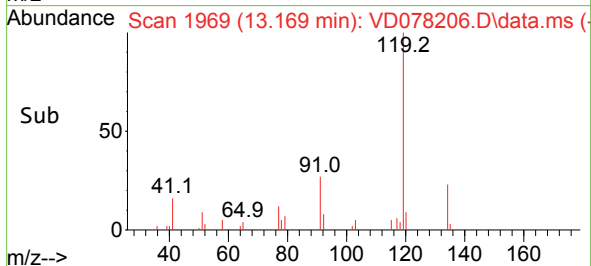
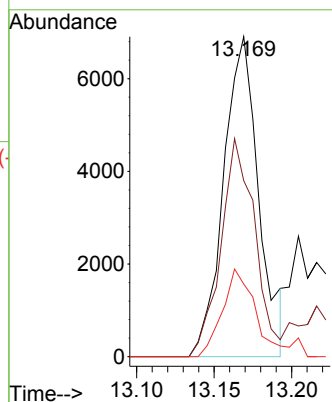
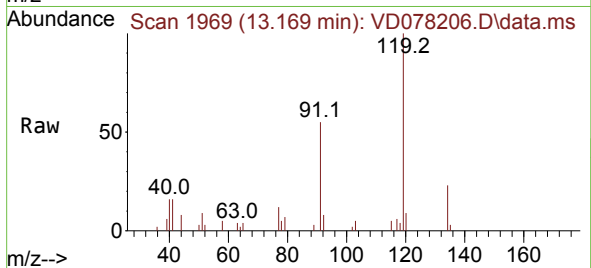
Tgt Ion:119 Resp: 10921

Ion Ratio Lower Upper

119 100

91 65.6 29.3 87.8

134 27.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 2.261 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078206.D

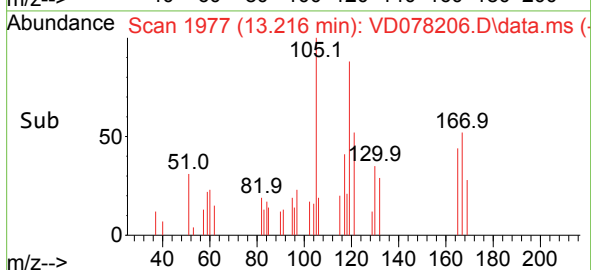
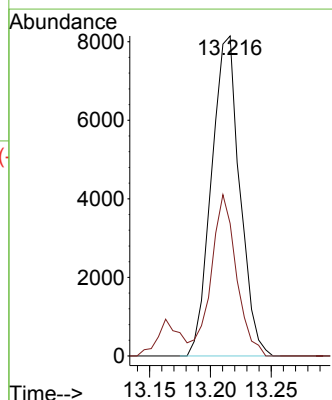
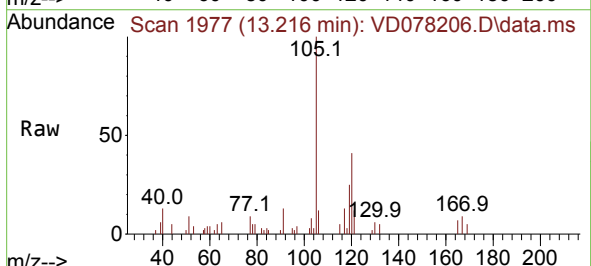
Acq: 23 Jan 2024 14:21

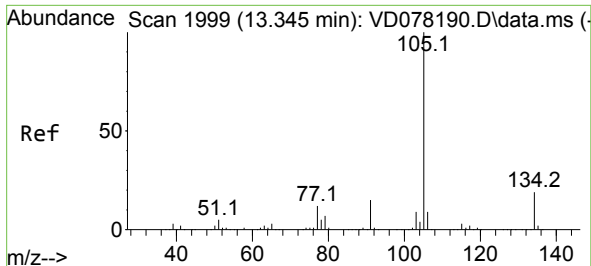
Tgt Ion:105 Resp: 13170

Ion Ratio Lower Upper

105 100

120 45.1 24.3 72.9

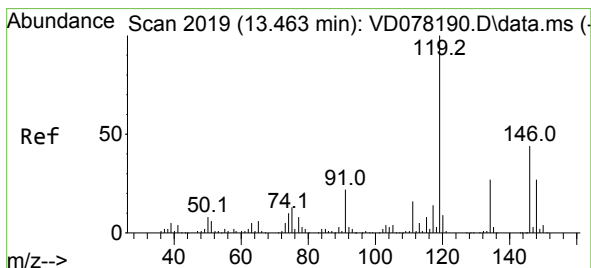
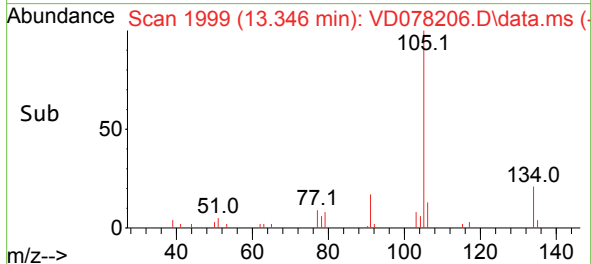
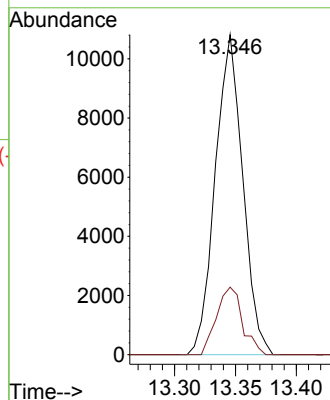
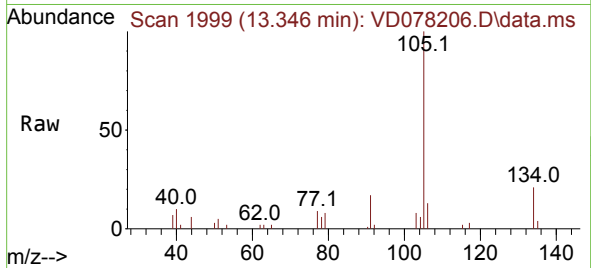




#85
 sec-Butylbenzene
 Concen: 2.329 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

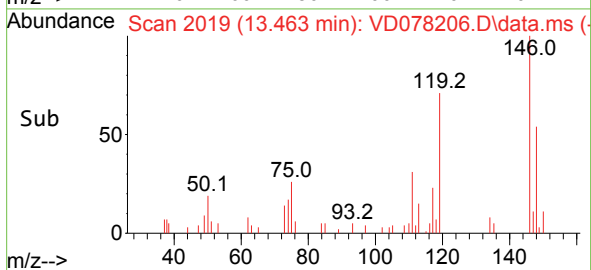
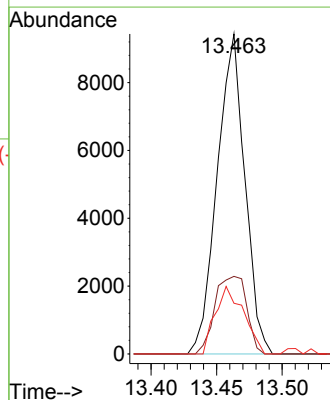
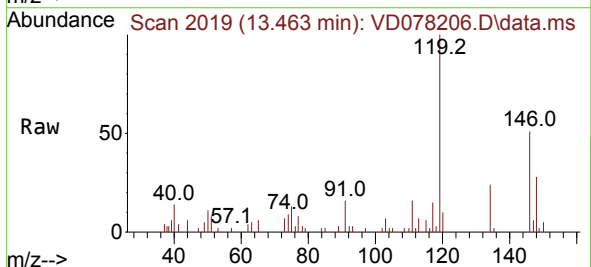
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

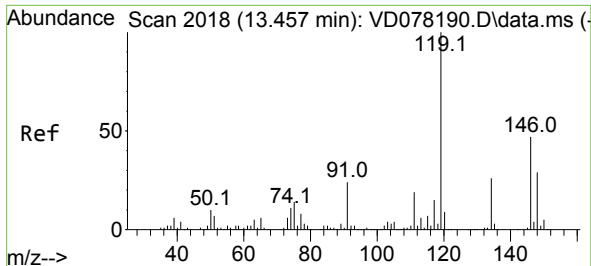
Tgt Ion:105 Resp: 16985
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 2.181 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

Tgt Ion:119 Resp: 13838
 Ion Ratio Lower Upper
 119 100
 134 27.8 14.2 42.6
 91 21.6 10.5 31.5

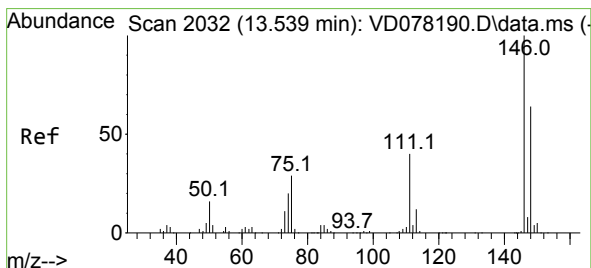
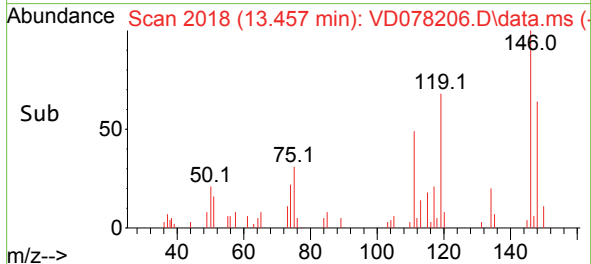
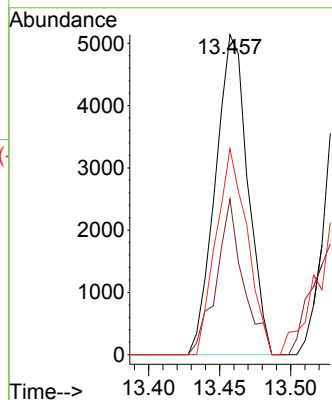
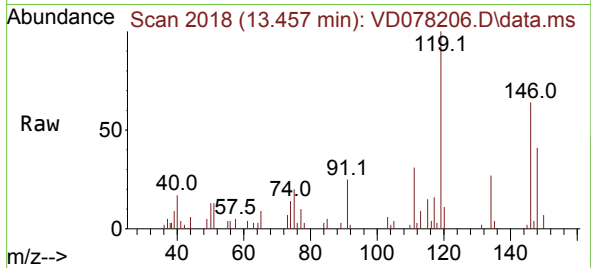




#87
1,3-Dichlorobenzene
Concen: 2.588 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

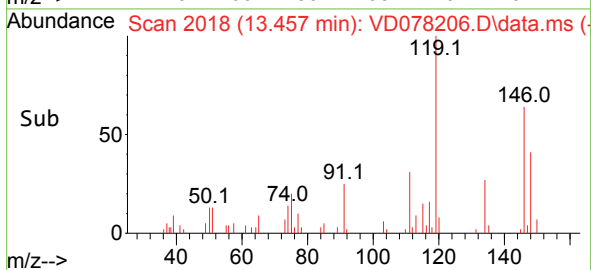
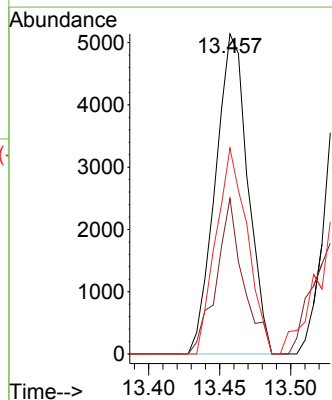
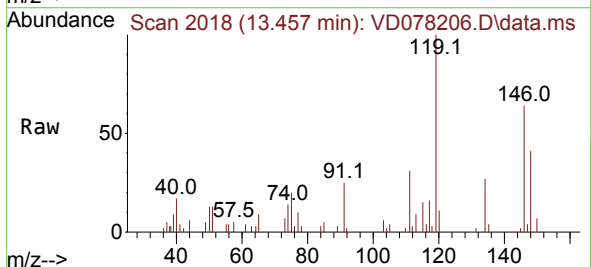
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

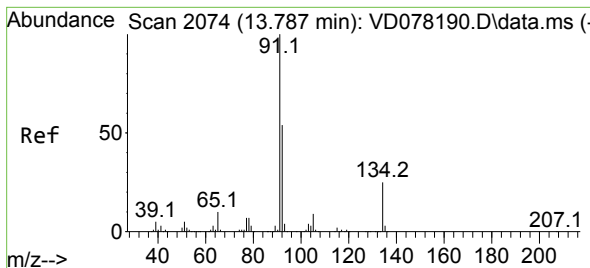
Tgt Ion:146	Resp:	8161
Ion Ratio	Lower	Upper
146	100	
111	40.3	17.9 53.8
148	62.3	32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 2.619 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.082 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:146	Resp:	8161
Ion Ratio	Lower	Upper
146	100	
111	40.3	17.4 52.3
148	62.3	31.7 95.1





#89

n-Butylbenzene

Concen: 2.484 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

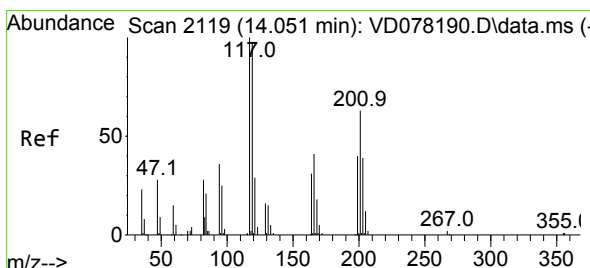
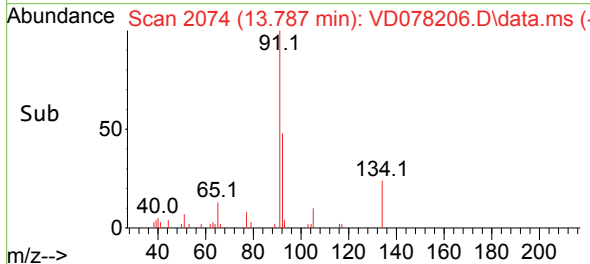
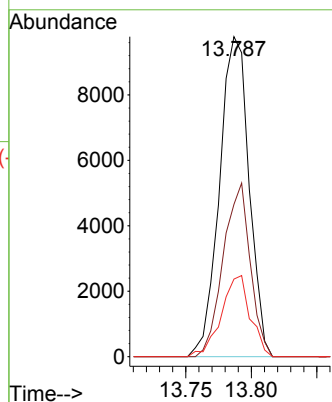
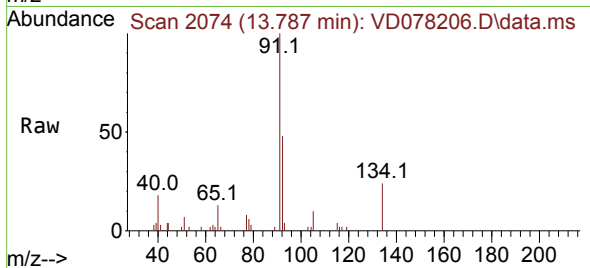
Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 91	Resp:	15343
Ion Ratio	Lower	Upper
91	100	
92	49.6	26.5 79.5
134	24.8	13.8 41.3



#90

Hexachloroethane

Concen: 2.651 ug/l

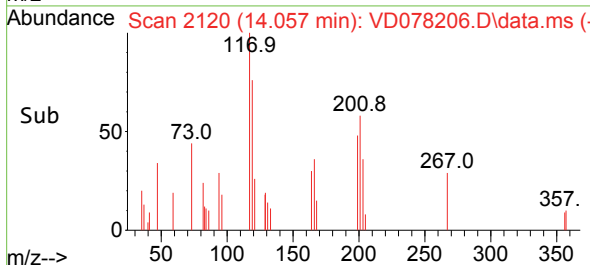
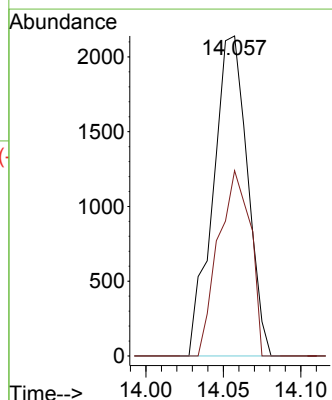
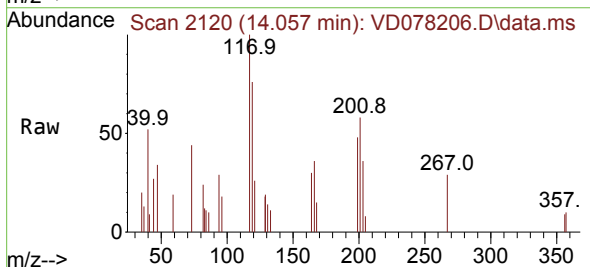
RT: 14.057 min Scan# 2120

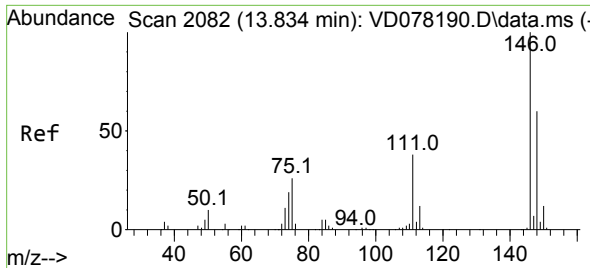
Delta R.T. 0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

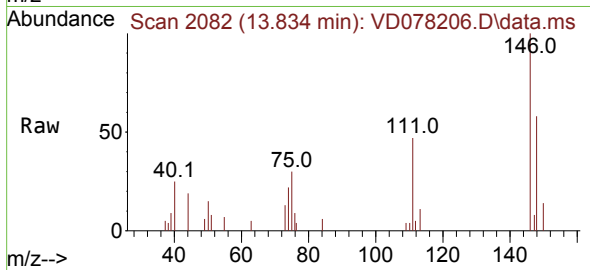
Tgt Ion: 117	Resp:	3300
Ion Ratio	Lower	Upper
117	100	
201	54.1	38.5 115.5



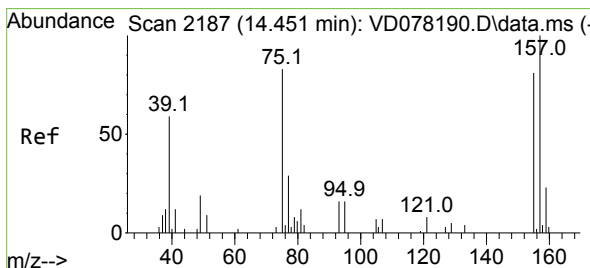
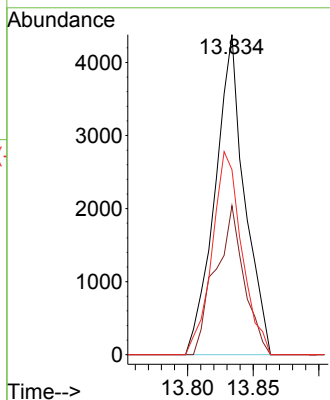
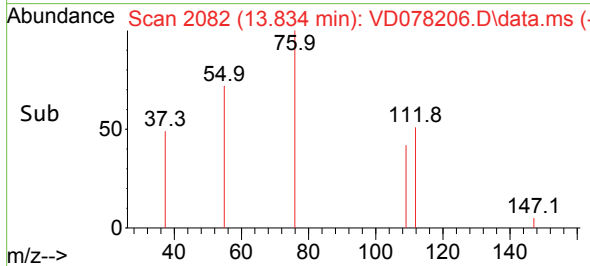


#91
1,2-Dichlorobenzene
Concen: 2.581 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

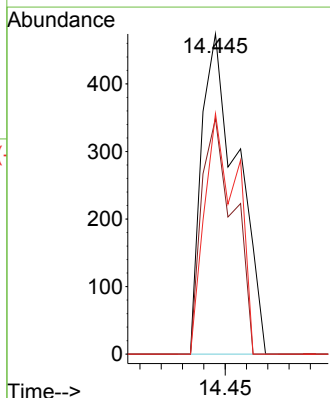
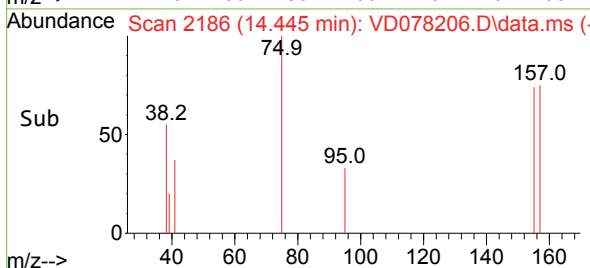
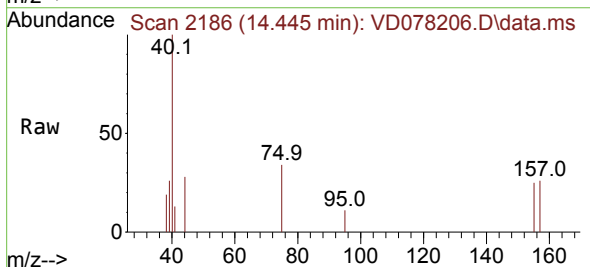


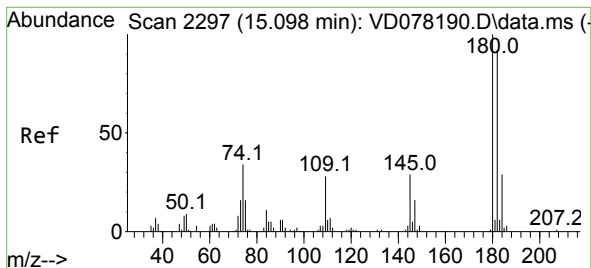
Tgt Ion:146 Resp: 6844
Ion Ratio Lower Upper
146 100
111 45.4 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.004 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 75 Resp: 555
Ion Ratio Lower Upper
75 100
155 66.3 47.9 143.8
157 67.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 2.505 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078206.D

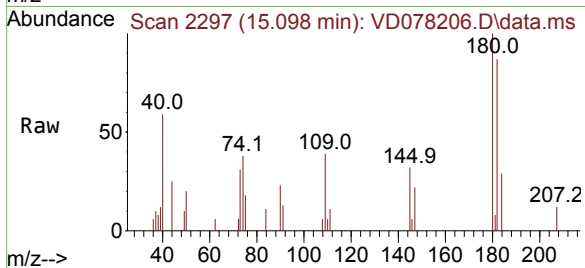
Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024



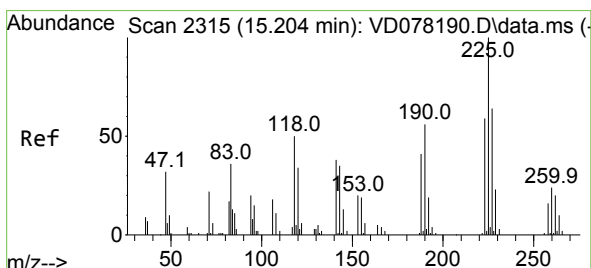
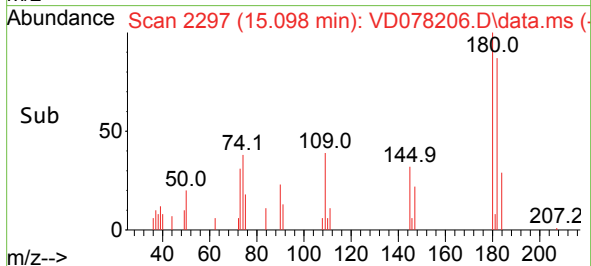
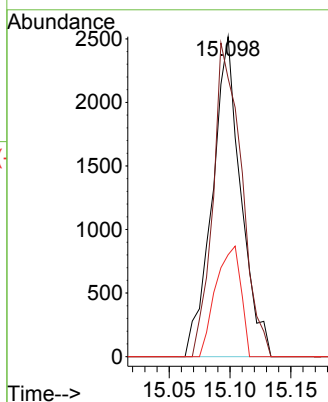
Tgt Ion:180 Resp: 4107

Ion Ratio Lower Upper

180 100

182 98.1 48.5 145.6

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 2.661 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

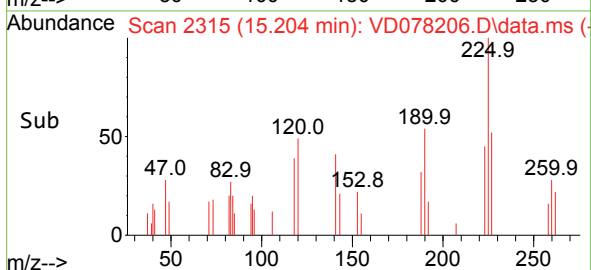
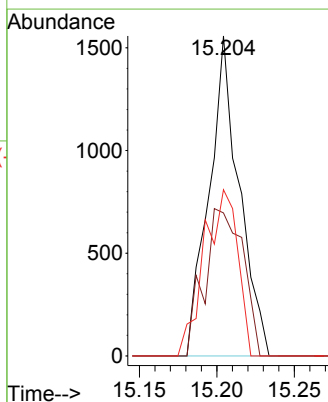
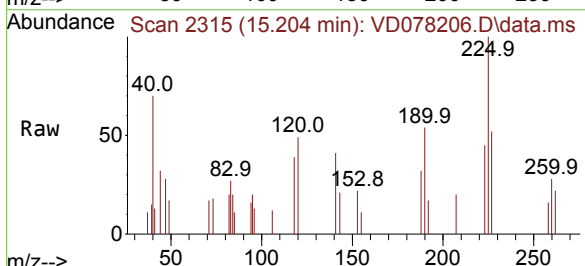
Tgt Ion:225 Resp: 2108

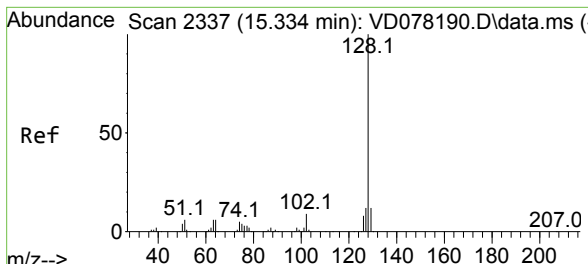
Ion Ratio Lower Upper

225 100

223 58.8 31.6 94.8

227 57.4 31.7 95.1

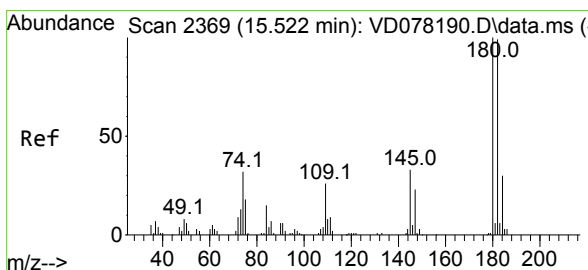
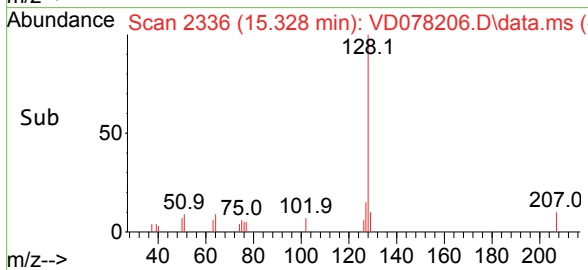
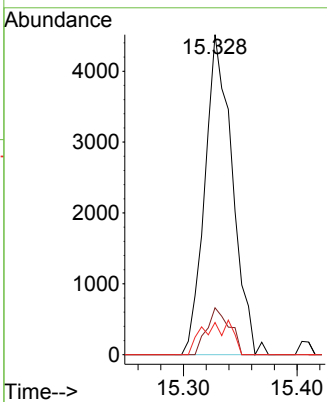
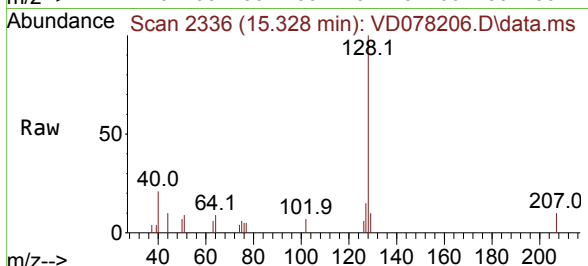




#95
 Naphthalene
 Concen: 2.477 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:	128	Resp:	7592
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.5	15.7
129	10.1	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 2.565 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078206.D
 Acq: 23 Jan 2024 14:21

Tgt Ion:	180	Resp:	3528
Ion Ratio	Lower	Upper	
180	100		
182	98.3	47.3	141.9
145	34.2	15.1	45.3

