

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\ VX033125\
 Data File : VX045515.D
 Acq On : 31 Mar 2025 12:18
 Operator : JC/MD
 Sample : Q1546-05
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-01

Quant Time: Apr 07 12:13:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 07 12:12:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	151532	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	138436	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	59421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	50288	44.381	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.760%	
7) Chloroethane-d5	1.648	69	38368	51.689	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.380%	
11) 1,1-Dichloroethene-d2	2.294	65	27341	46.310	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.620%	
21) 2-Butanone-d5	4.452	46	89050	118.129	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	118.130%	
24) Chloroform-d	5.044	84	119865	47.667	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.340%	
26) 1,2-Dichloroethane-d4	5.946	65	87869	49.947	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.900%	
32) Benzene-d6	5.964	84	222281	49.527	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.060%	
36) 1,2-Dichloropropane-d6	7.299	67	72827	50.389	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.780%	
41) Toluene-d8	8.647	98	194298	47.944	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.880%	
43) trans-1,3-Dichloroprop...	8.945	79	29351	49.459	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	98.920%	
47) 2-Hexanone-d5	9.378	63	62980	114.256	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	114.260%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	100160	52.207	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.420%	
66) 1,2-Dichlorobenzene-d4	12.317	152	66115	52.342	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4235	2.615	ug/L	91
3) Chloromethane	1.307	50	3791	2.651	ug/L	92
5) Vinyl chloride	1.374	62	3391	2.550	ug/L	89
6) Bromomethane	1.593	94	1616	2.718	ug/L	92
8) Chloroethane	1.666	64	1822	2.741	ug/L	100
9) Trichlorofluoromethane	1.873	101	4703	2.575	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	3656	3.141	ug/L	85
12) 1,1-Dichloroethene	2.306	96	3116	2.999	ug/L	# 1
13) Acetone	2.379	43	3839	5.375	ug/L	87
14) Carbon disulfide	2.501	76	6380	2.383	ug/L	97
15) Methyl Acetate	2.703	43	4053	2.857	ug/L	91
16) Methylene chloride	2.782	84	3397	2.822	ug/L	84
17) trans-1,2-Dichloroethene	3.087	96	2601	2.504	ug/L	82
18) Methyl tert-butyl Ether	3.111	73	9575	2.656	ug/L	96
19) 1,1-Dichloroethane	3.605	63	5230	2.413	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	3249	2.716	ug/L	93
23) Bromochloromethane	4.897	128	1197	2.022	ug/L	82
27) 1,2-Dichloroethane	6.080	62	4958	2.540	ug/L	96
29) Cyclohexane	5.458	56	5255	2.504	ug/L	96

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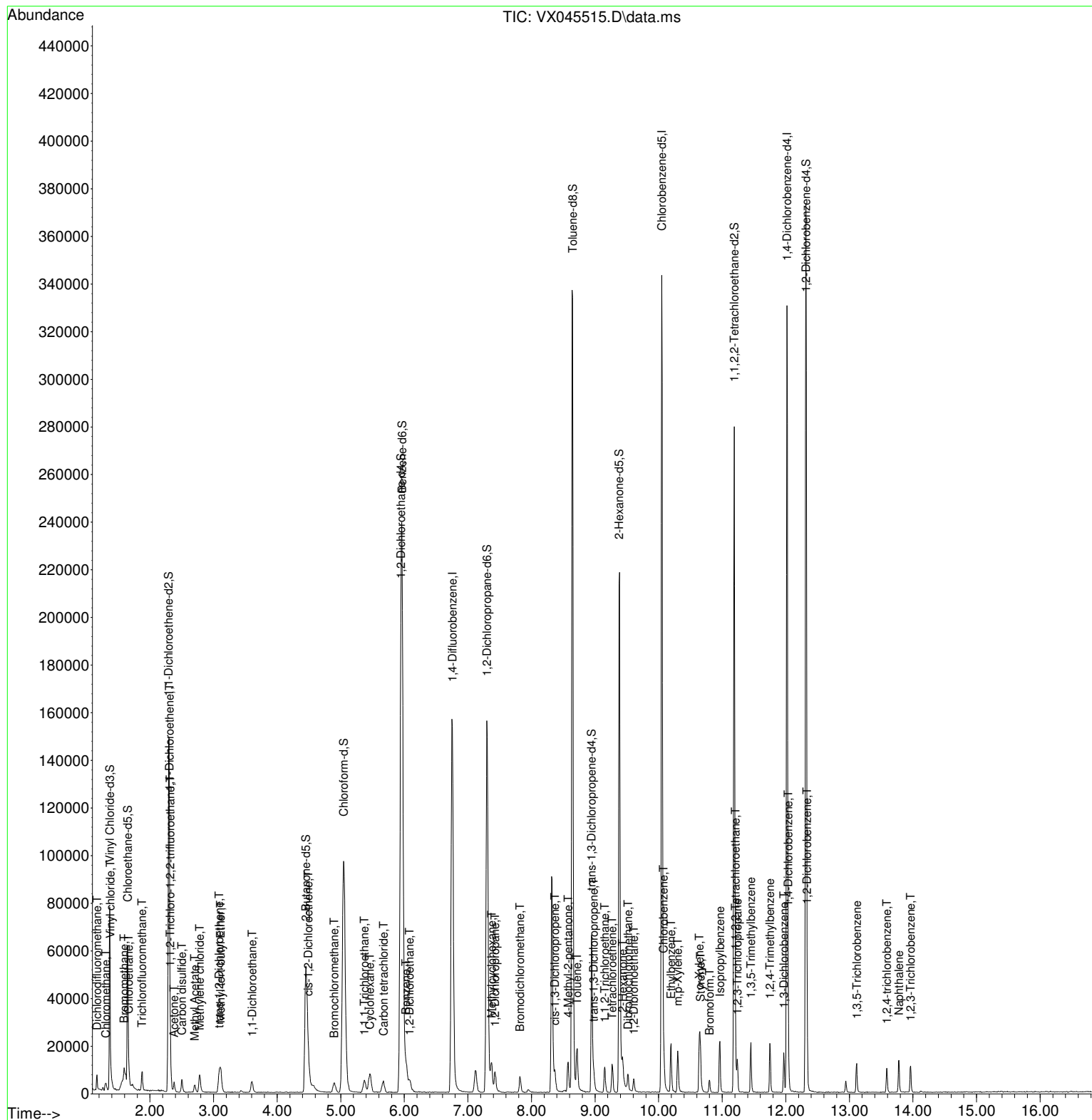
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	5.373	97	4732	2.492	ug/L #	51
31) Carbon tetrachloride	5.672	117	2520	1.531	ug/L #	2
33) Benzene	6.025	78	11692	2.574	ug/L	100
35) Methylcyclohexane	7.372	83	4828	2.504	ug/L	98
37) 1,2-Dichloropropane	7.427	63	3382	2.746	ug/L #	93
38) Bromodichloromethane	7.818	83	4274	2.526	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	4826	2.675	ug/L	96
40) 4-Methyl-2-pentanone	8.580	43	8712	4.620	ug/L	96
42) Toluene	8.714	91	11998	2.574	ug/L	94
44) trans-1,3-Dichloropropene	8.976	75	3430	2.041	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	2927	2.474	ug/L	96
46) Tetrachloroethene	9.268	164	2104	2.541	ug/L	98
48) 2-Hexanone	9.433	43	7699	5.416	ug/L	97
49) Dibromochloromethane	9.518	129	2905	2.461	ug/L	87
50) 1,2-Dibromoethane	9.610	107	3240	2.632	ug/L #	96
51) Chlorobenzene	10.073	112	7671	2.623	ug/L	94
52) Ethylbenzene	10.195	91	12444	2.372	ug/L	92
53) m,p-Xylene	10.299	106	4419	2.323	ug/L	95
54) o-Xylene	10.640	106	4544	2.432	ug/L	93
55) Styrene	10.658	104	6848	2.190	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	5513	2.965	ug/L	95
59) Bromoform	10.799	173	1759	2.345	ug/L #	86
60) Isopropylbenzene	10.963	105	11602	2.393	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	4001	2.761	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	9244	2.331	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	8741	2.246	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	4782	2.428	ug/L	89
65) 1,4-Dichlorobenzene	12.036	146	5390	2.744	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	5527	2.821	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	3038	2.436	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	2458	2.235	ug/L	98
71) Naphthalene	13.780	128	9273	2.230	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	2976	2.633	ug/L	91

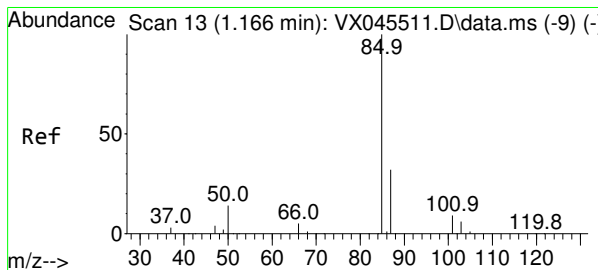
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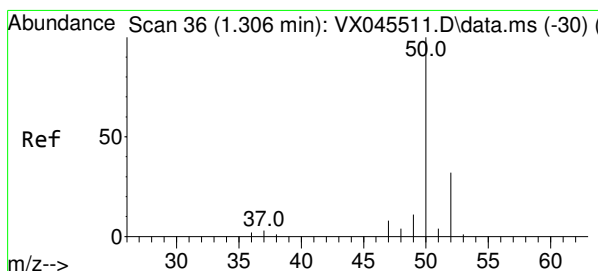
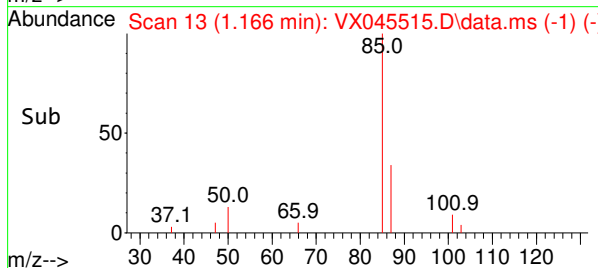
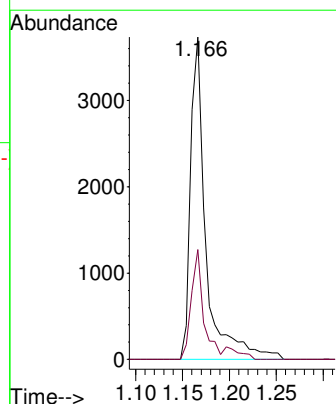
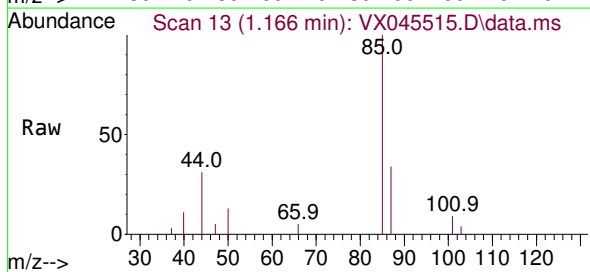




#2
Dichlorodifluoromethane
Concen: 2.615 ug/L
RT: 1.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

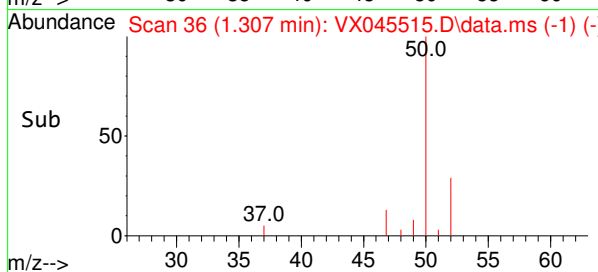
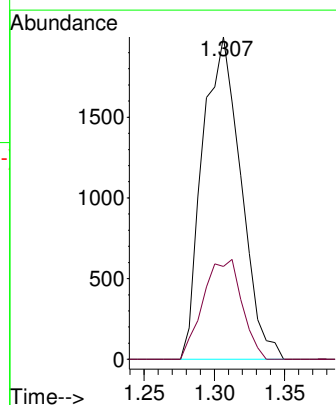
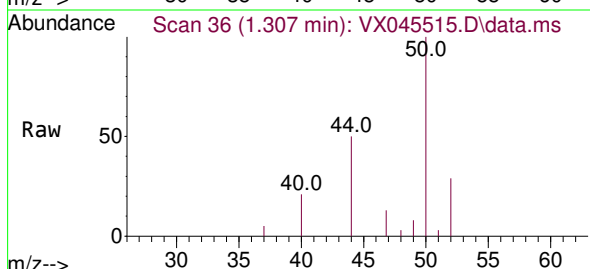
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ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

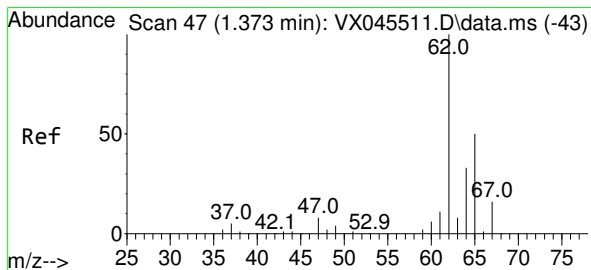
Tgt Ion: 85 Resp: 4235
Ion Ratio Lower Upper
85 100
87 27.2 25.9 38.9



#3
Chloromethane
Concen: 2.651 ug/L
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion: 50 Resp: 3791
Ion Ratio Lower Upper
50 100
52 28.8 23.3 43.3





#5

Vinyl chloride

Concen: 2.550 ug/L

RT: 1.374 min Scan# 4

Delta R.T. 0.000 min

Lab File: VX045515.D

Acq: 31 Mar 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

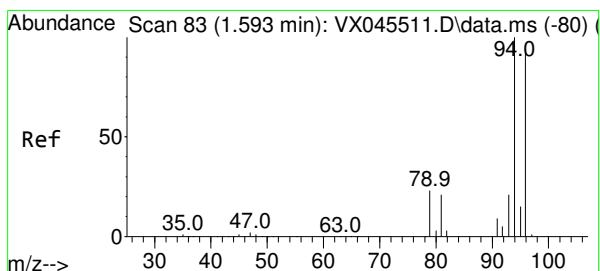
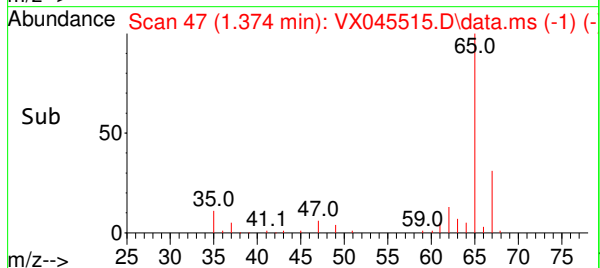
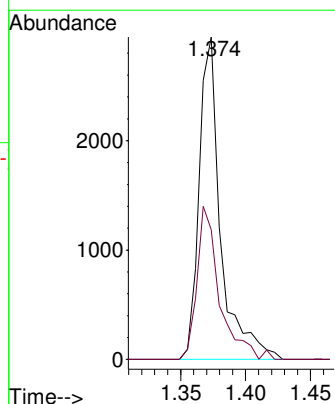
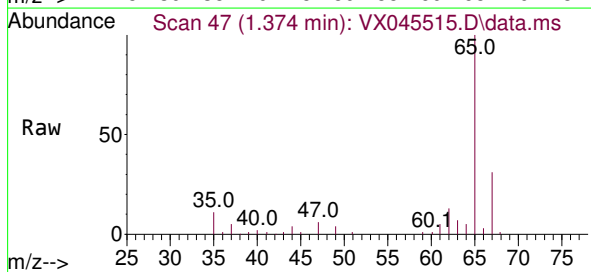
MDL-MED-SOIL-QT1-2025-01

Tgt Ion: 62 Resp: 3391

Ion Ratio Lower Upper

62 100

64 40.2 23.7 44.1



#6

Bromomethane

Concen: 2.718 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX045515.D

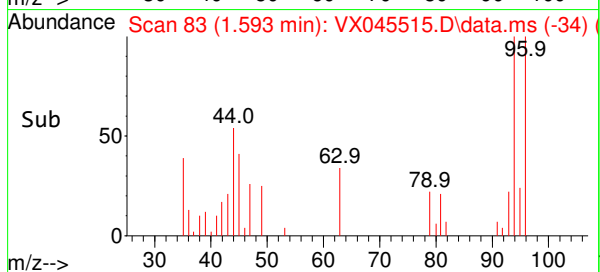
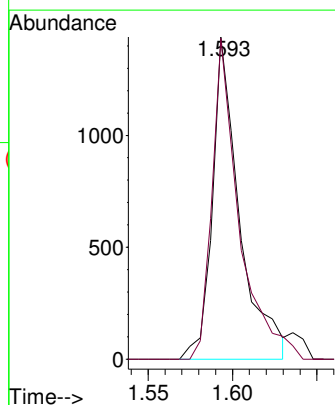
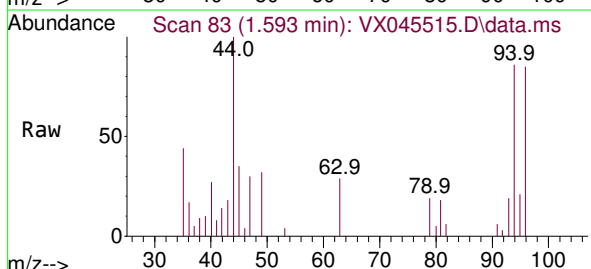
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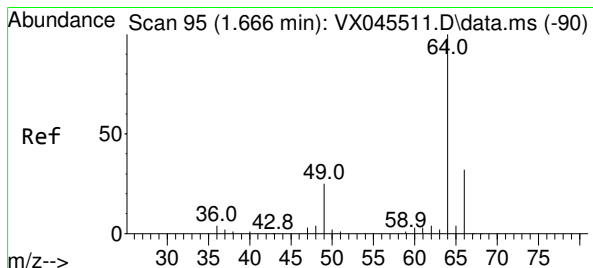
Tgt Ion: 94 Resp: 1616

Ion Ratio Lower Upper

94 100

96 99.6 64.3 119.3

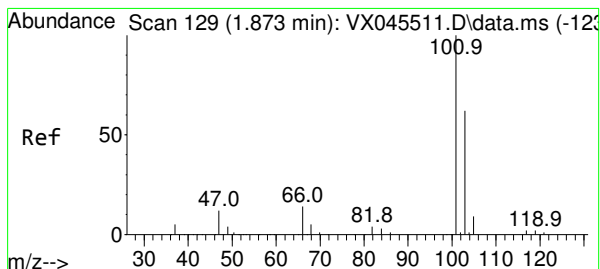
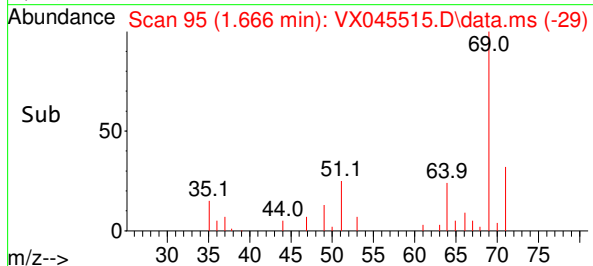
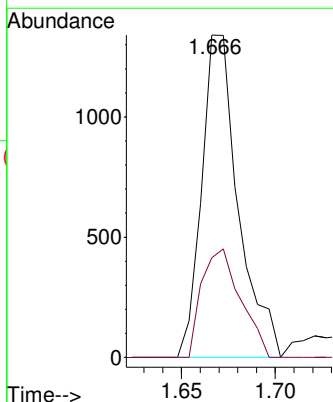
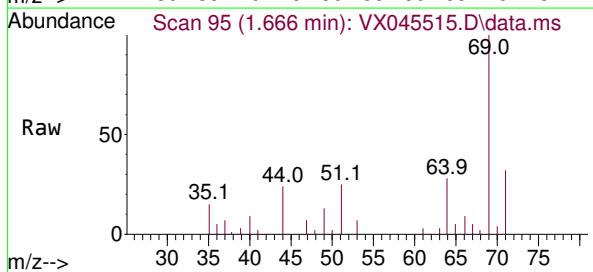




#8
Chloroethane
Concen: 2.741 ug/L
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

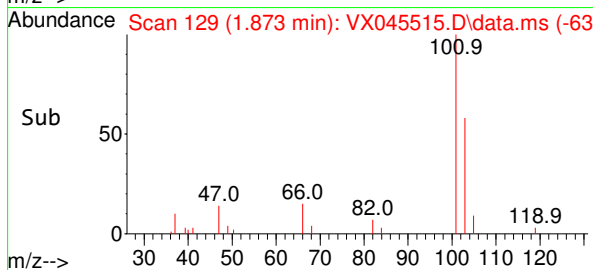
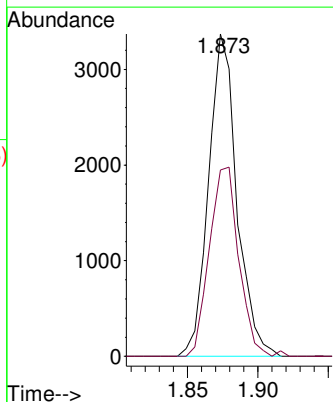
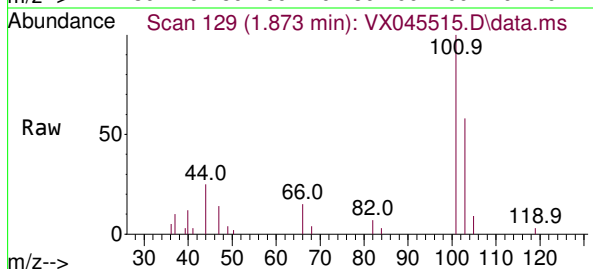
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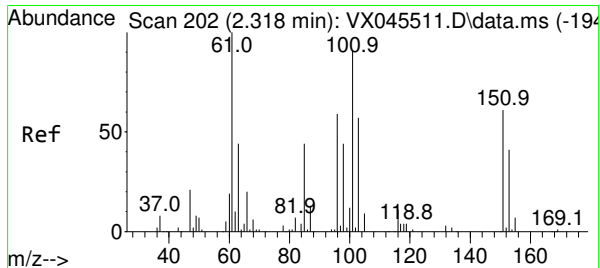
Tgt Ion: 64 Resp: 1822
Ion Ratio Lower Upper
64 100
66 30.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 2.575 ug/L
RT: 1.873 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:101 Resp: 4703
Ion Ratio Lower Upper
101 100
103 60.8 52.2 78.2

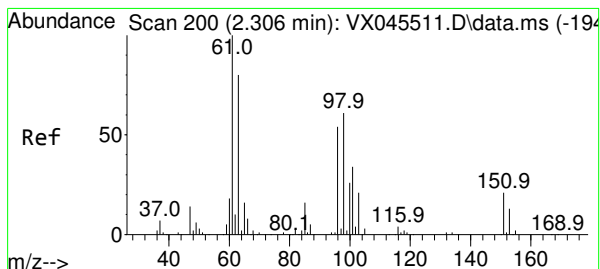
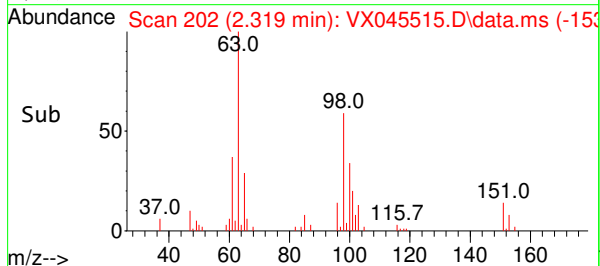
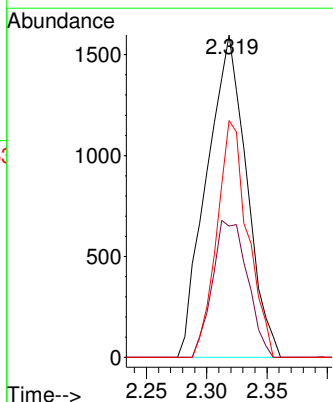
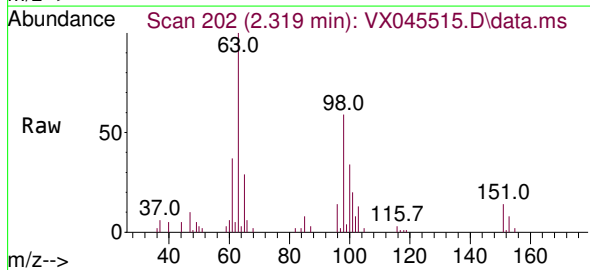




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.141 ug/L
 RT: 2.319 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VX045515.D
 Acq: 31 Mar 2025 12:18

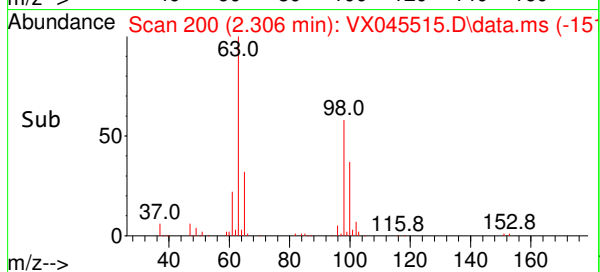
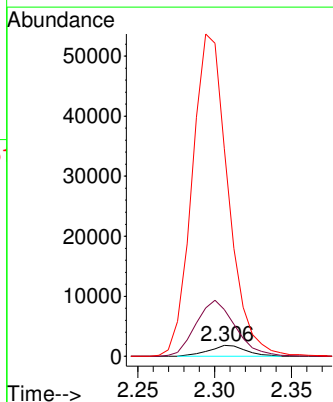
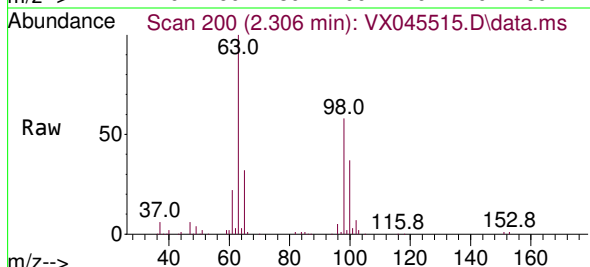
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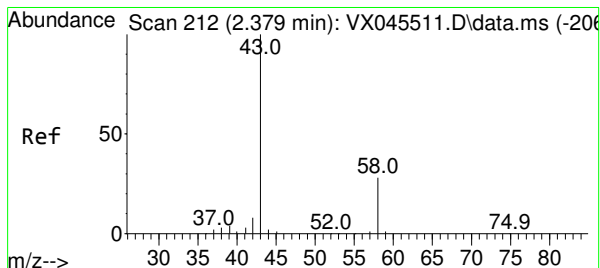
Tgt Ion:	101	Resp:	3656
Ion	Ratio	Lower	Upper
101	100		
85	37.4	35.4	53.0
151	57.1	57.0	85.4



#12
 1,1-Dichloroethene
 Concen: 2.999 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX045515.D
 Acq: 31 Mar 2025 12:18

Tgt Ion:	96	Resp:	3116
Ion	Ratio	Lower	Upper
96	100		
61	420.0	115.1	213.8#
63	1873.6	74.1	137.5#





#13

Acetone

Concen: 5.375 ug/L

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX045515.D

Acq: 31 Mar 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

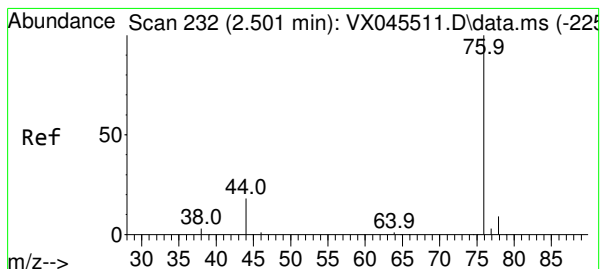
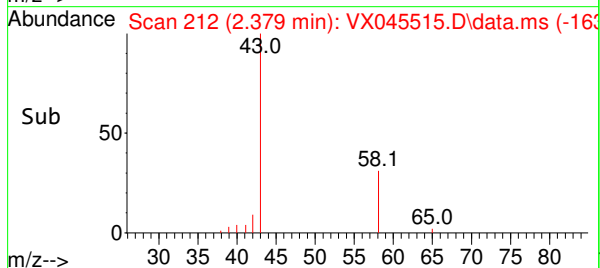
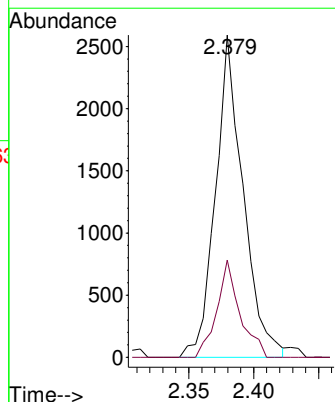
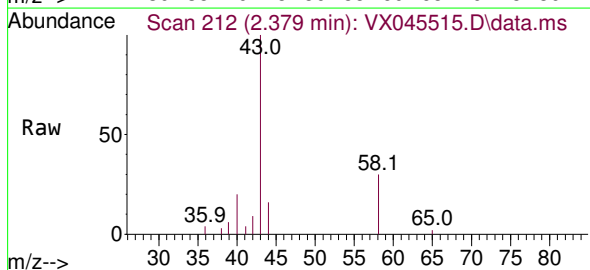
MDL-MED-SOIL-QT1-2025-01

Tgt Ion: 43 Resp: 3839

Ion Ratio Lower Upper

43 100

58 25.1 0.0 64.6



#14

Carbon disulfide

Concen: 2.383 ug/L

RT: 2.501 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX045515.D

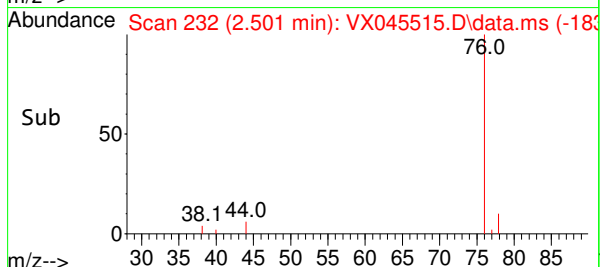
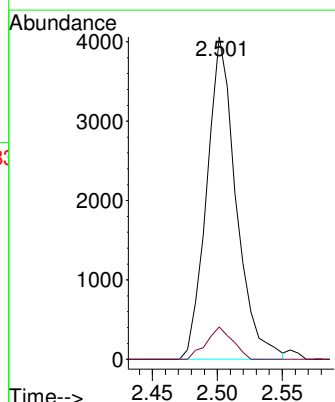
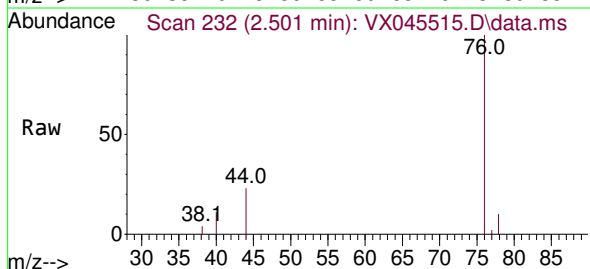
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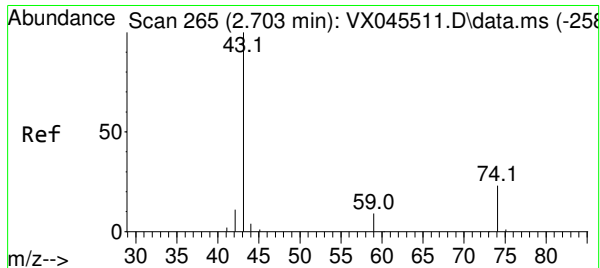
Tgt Ion: 76 Resp: 6380

Ion Ratio Lower Upper

76 100

78 10.1 7.2 10.8

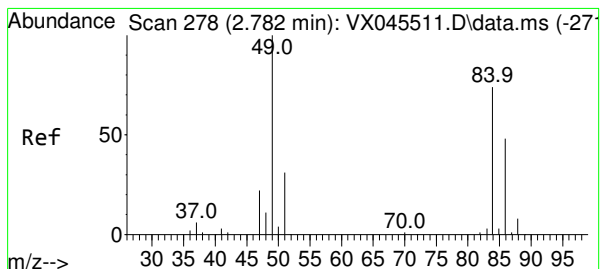
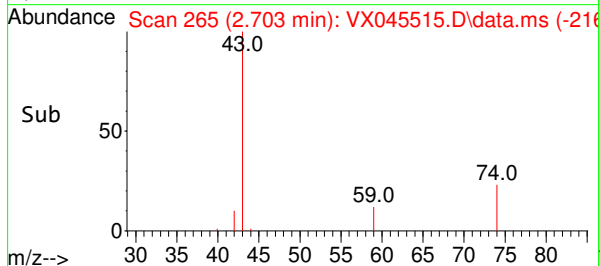
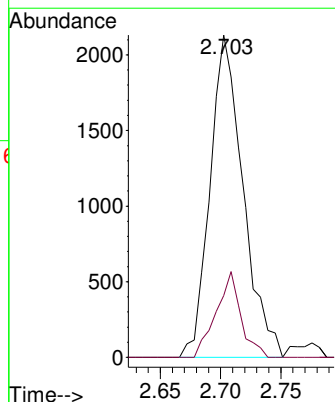
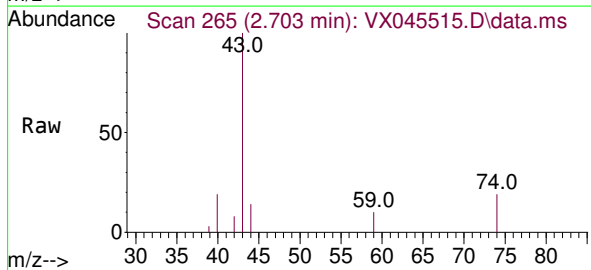




#15
Methyl Acetate
Concen: 2.857 ug/L
RT: 2.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

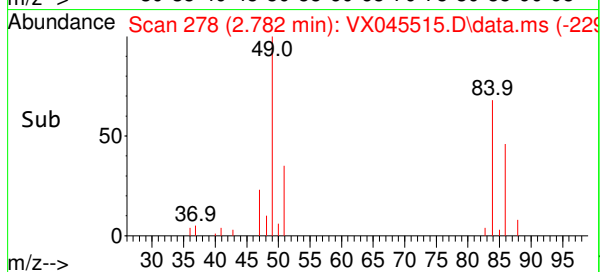
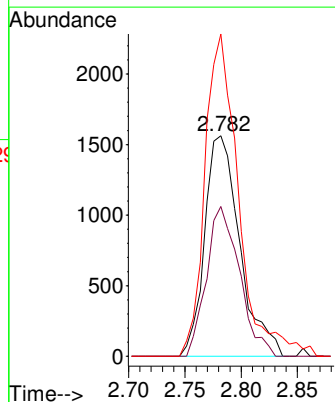
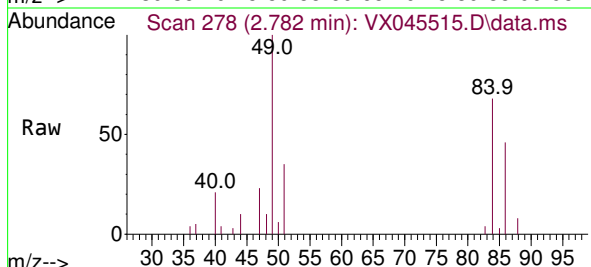
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2025-01

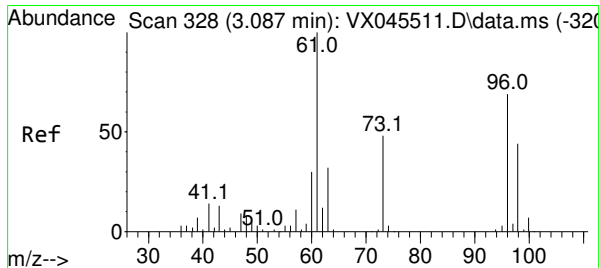
Tgt Ion: 43 Resp: 4053
Ion Ratio Lower Upper
43 100
74 19.9 19.7 29.5



#16
Methylene chloride
Concen: 2.822 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion: 84 Resp: 3397
Ion Ratio Lower Upper
84 100
86 67.9 45.6 84.8
49 146.2 84.6 157.0

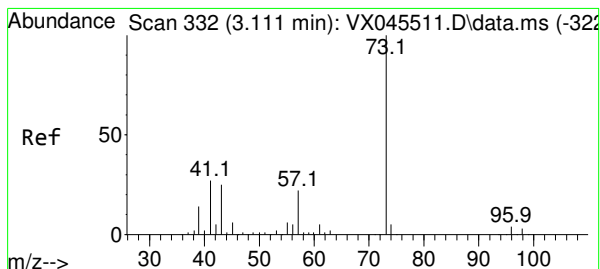
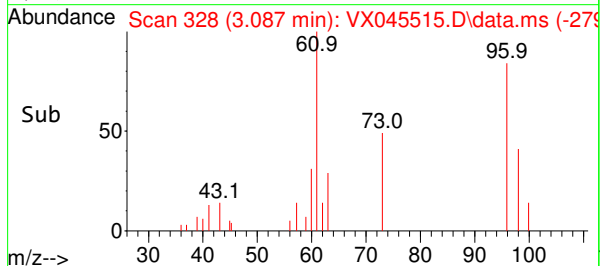
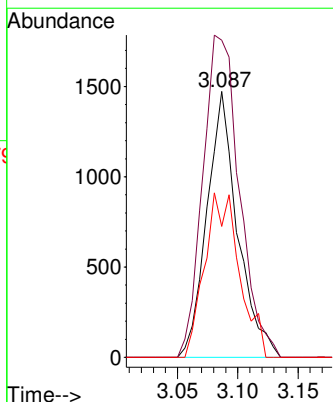
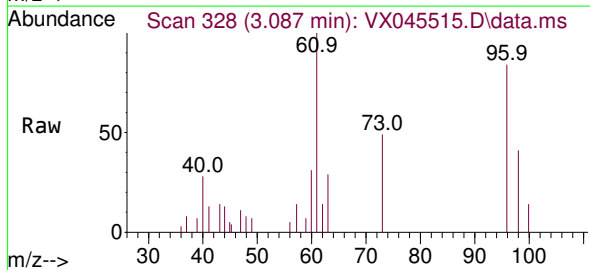




#17
trans-1,2-Dichloroethene
Concen: 2.504 ug/L
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

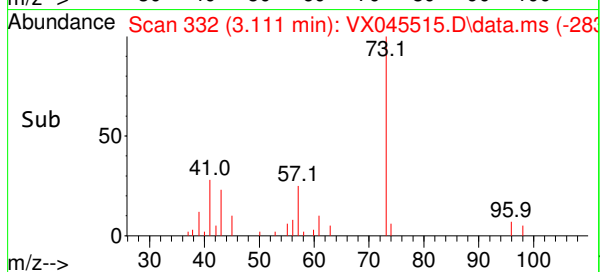
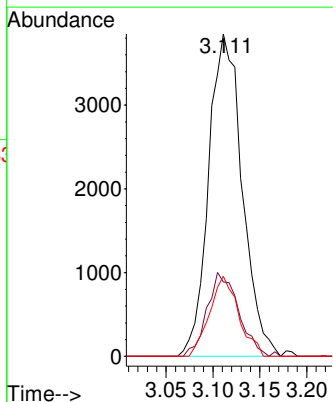
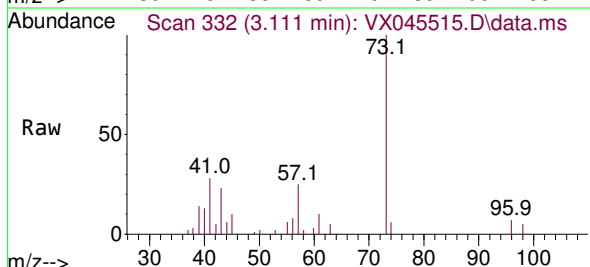
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2025-01

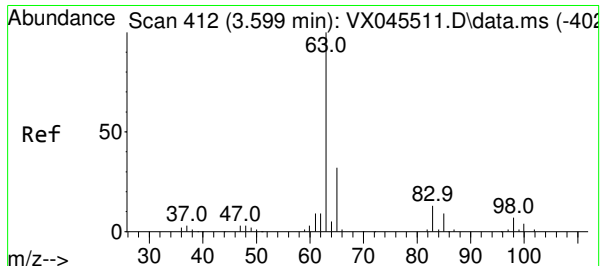
Tgt Ion:	96	Resp:	2601
Ion	Ratio	Lower	Upper
96	100		
61	119.1	98.3	182.7
98	49.2	44.1	81.9



#18
Methyl tert-butyl Ether
Concen: 2.656 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:	73	Resp:	9575
Ion	Ratio	Lower	Upper
73	100		
43	24.2	16.9	25.3
57	21.5	17.4	26.0

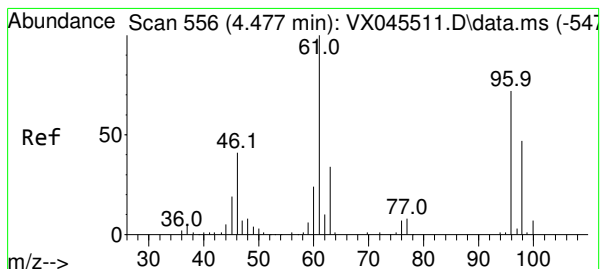
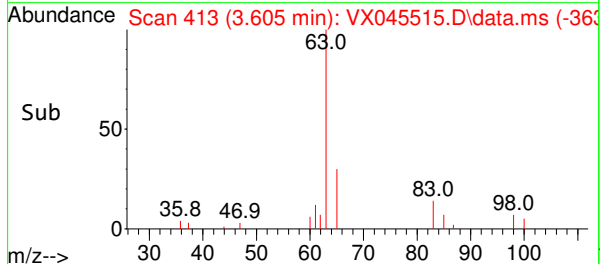
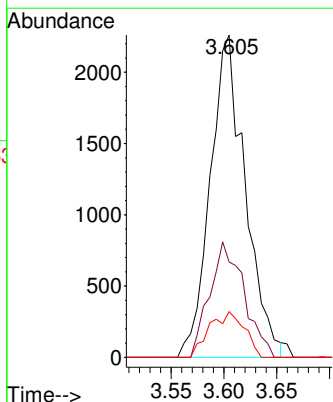
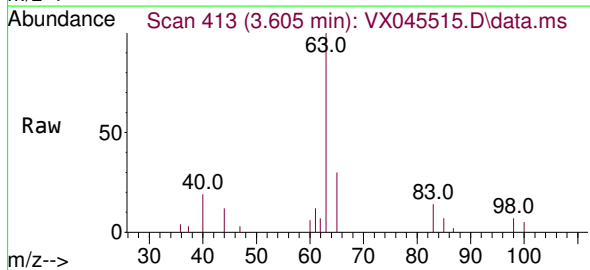




#19
1,1-Dichloroethane
Concen: 2.413 ug/L
RT: 3.605 min Scan# 412
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

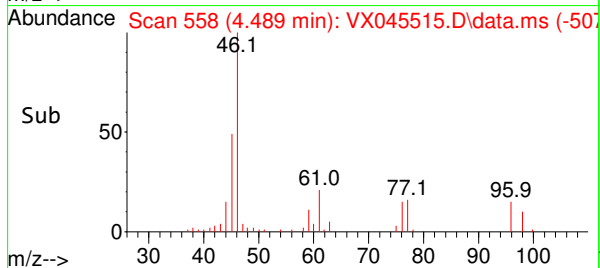
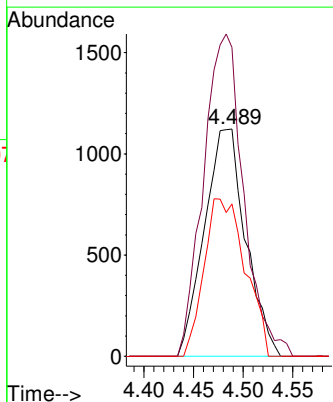
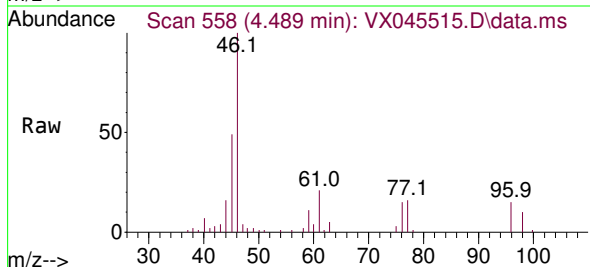
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

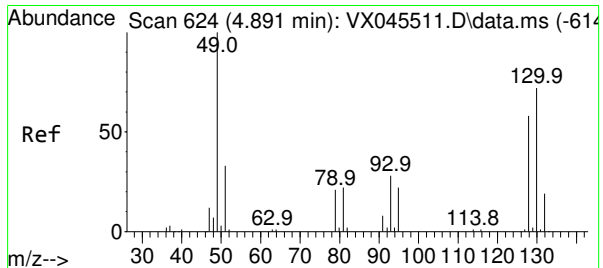
Tgt Ion:	63	Resp:	5230
Ion	Ratio	Lower	Upper
63	100		
65	29.6	21.8	40.6
83	14.2	9.4	17.4



#20
cis-1,2-Dichloroethene
Concen: 2.716 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.012 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:	96	Resp:	3249
Ion	Ratio	Lower	Upper
96	100		
61	136.0	88.3	163.9
98	67.1	44.6	82.8

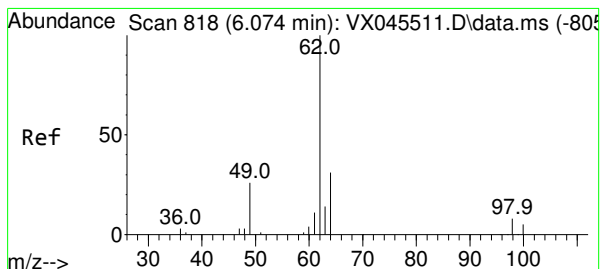
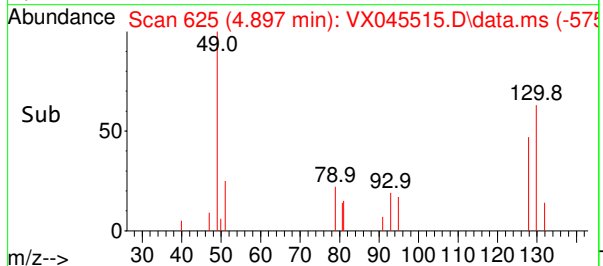
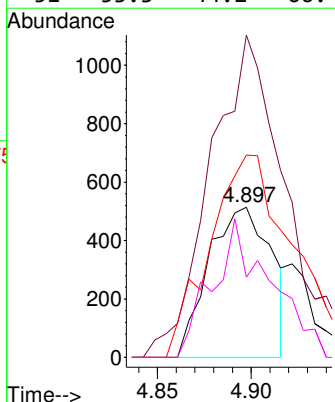
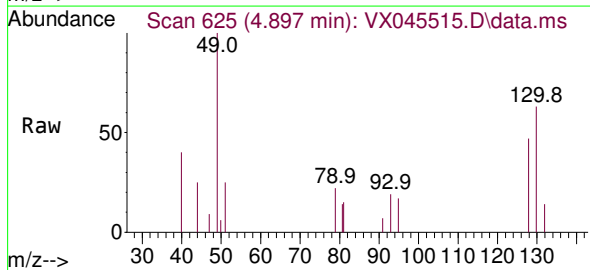




#23
Bromochloromethane
Concen: 2.022 ug/L
RT: 4.897 min Scan# 619
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

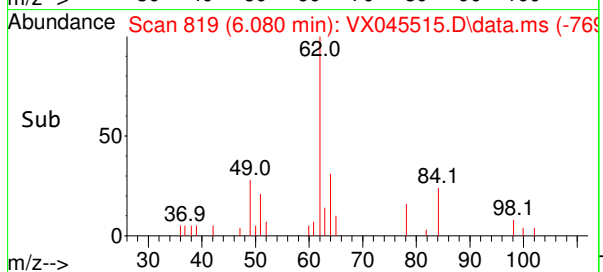
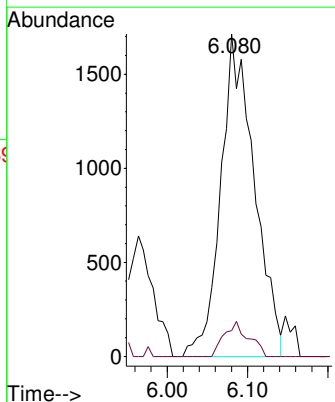
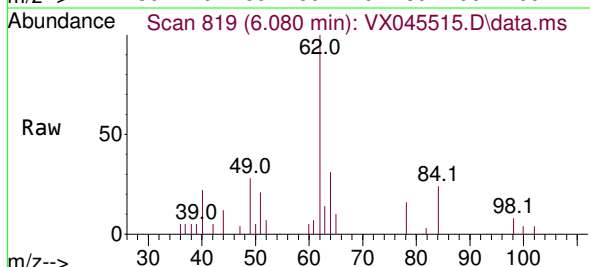
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

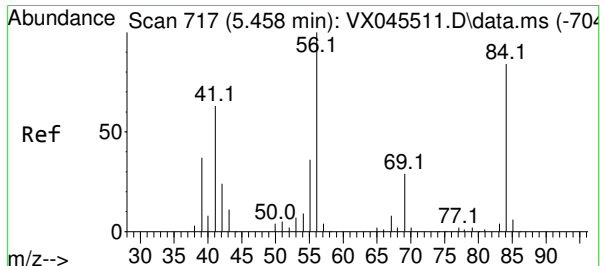
Tgt Ion:128 Resp: 1197
Ion Ratio Lower Upper
128 100
49 214.8 117.6 218.4
130 134.8 92.0 170.9
51 53.3 44.2 66.4



#27
1,2-Dichloroethane
Concen: 2.540 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion: 62 Resp: 4958
Ion Ratio Lower Upper
62 100
98 8.0 7.4 11.2

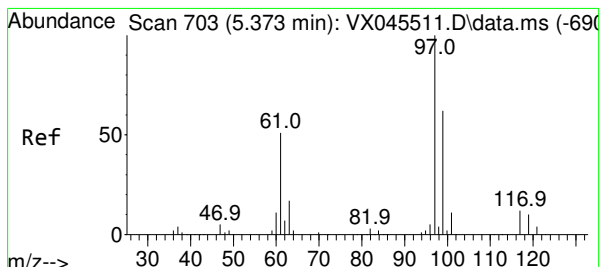
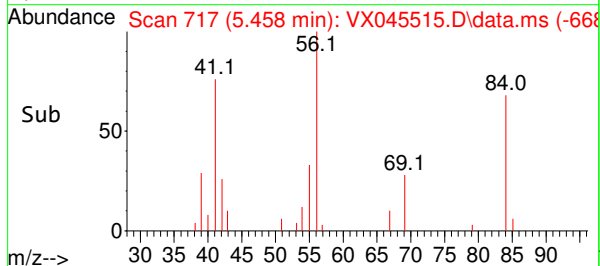
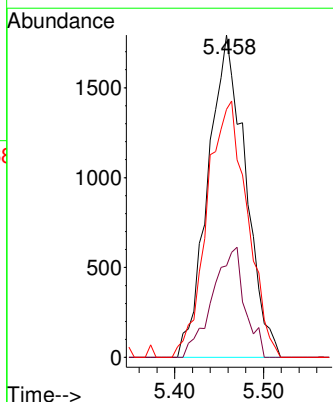
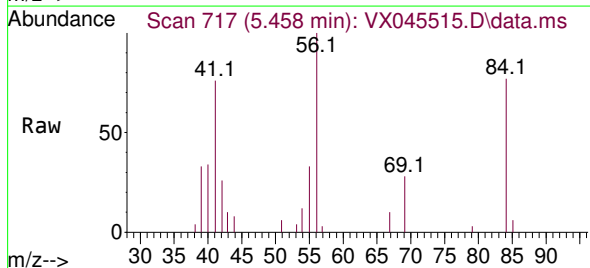




#29
Cyclohexane
Concen: 2.504 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

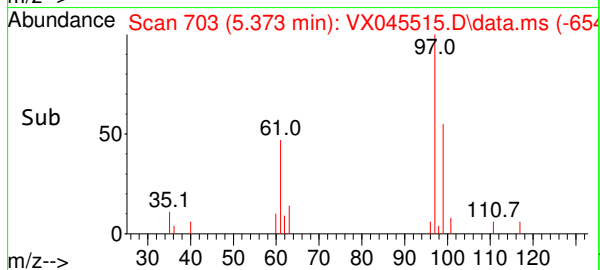
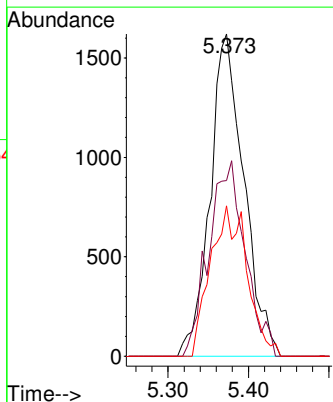
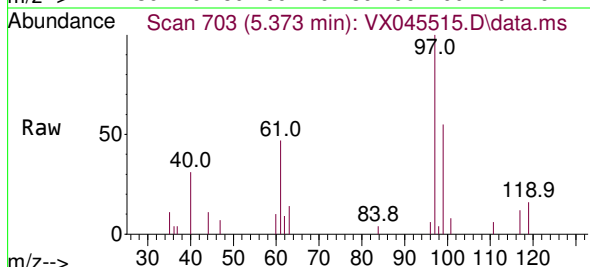
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

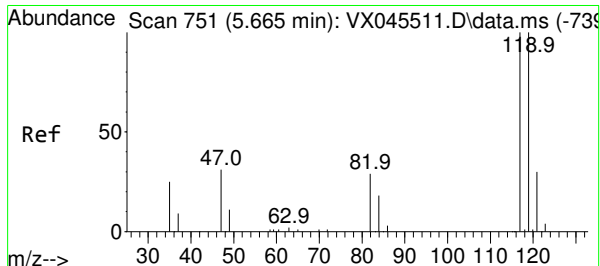
Tgt Ion:	56	Resp:	5255
Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.4	38.2
84	85.8	71.6	107.4



#30
1,1,1-Trichloroethane
Concen: 2.492 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:	97	Resp:	4732
Ion	Ratio	Lower	Upper
97	100		
99	10.2	51.0	76.4#
61	30.2	35.8	53.6#

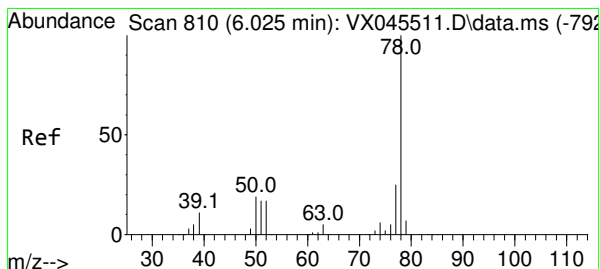
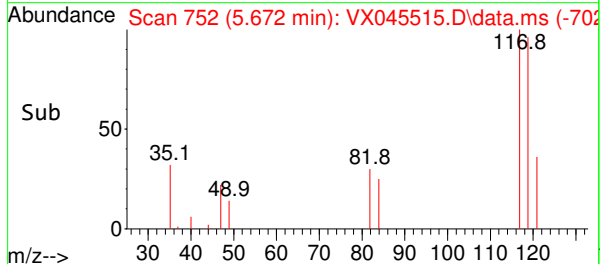
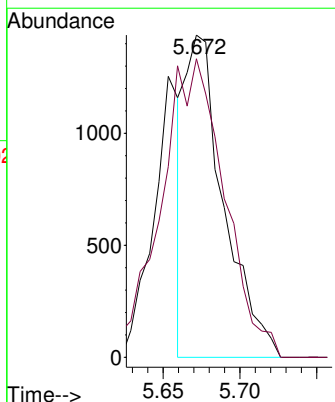
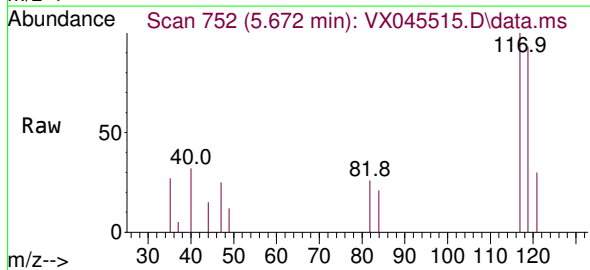




#31
Carbon tetrachloride
Concen: 1.531 ug/L
RT: 5.672 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

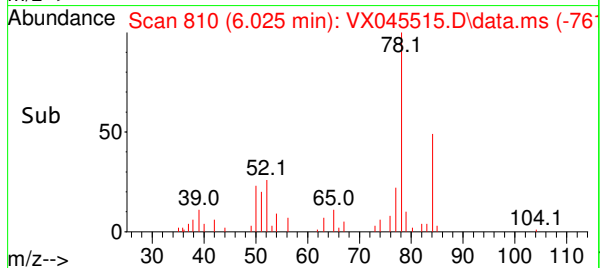
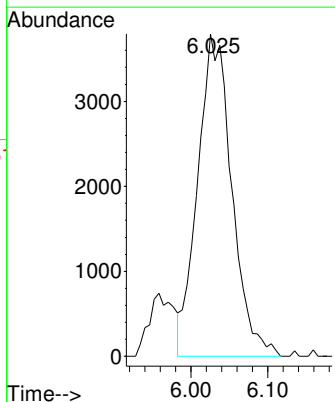
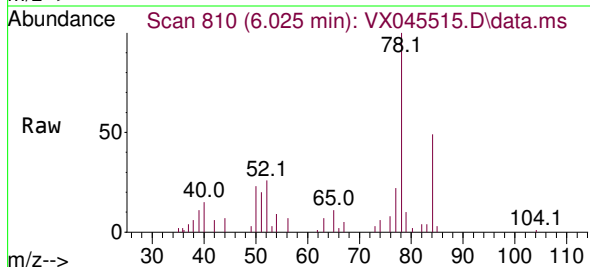
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

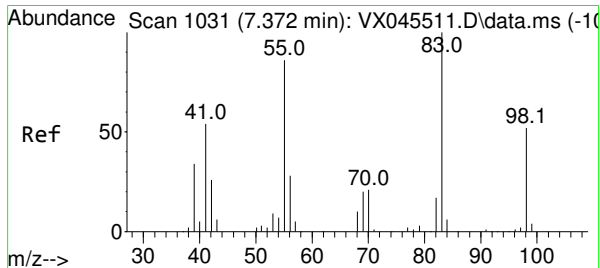
Tgt Ion:117 Resp: 2520
Ion Ratio Lower Upper
117 100
119 0.0 77.1 115.7#



#33
Benzene
Concen: 2.574 ug/L
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion: 78 Resp: 11692

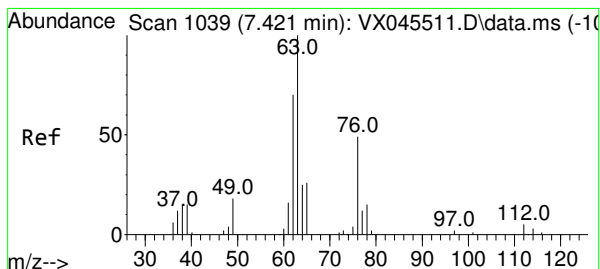
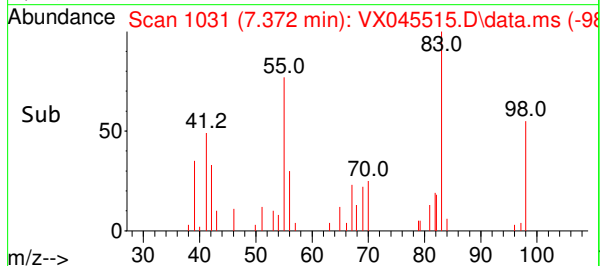
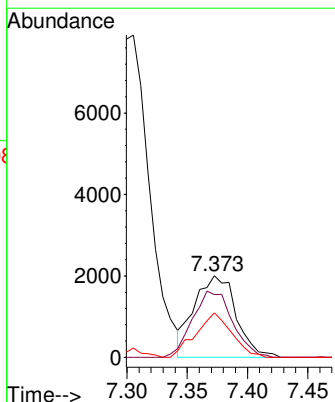
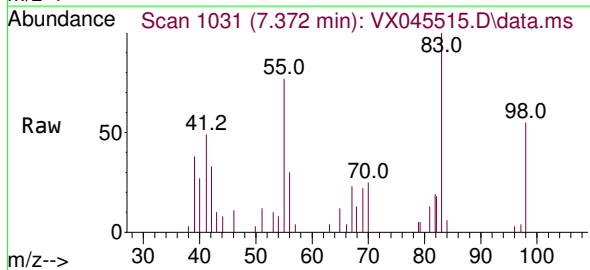




#35
Methylcyclohexane
Concen: 2.504 ug/L
RT: 7.372 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

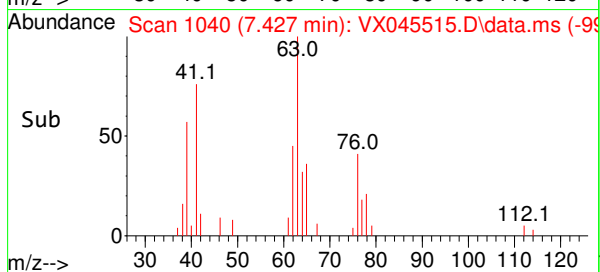
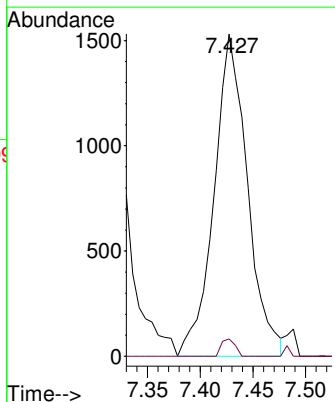
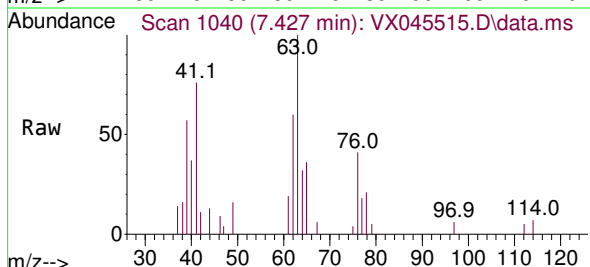
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

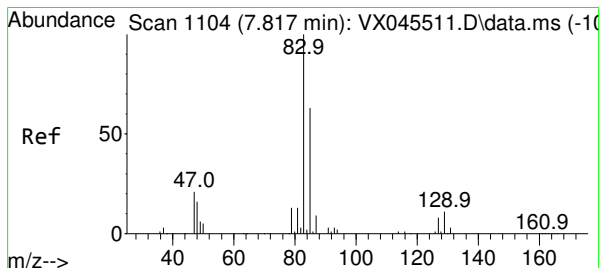
Tgt Ion:	83	Resp:	4828
Ion	Ratio	Lower	Upper
83	100		
55	77.6	60.6	90.8
98	46.8	38.9	58.3



#37
1,2-Dichloropropane
Concen: 2.746 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:	63	Resp:	3382
Ion	Ratio	Lower	Upper
63	100		
112	2.2	3.5	5.3#





#38

Bromodichloromethane

Concen: 2.526 ug/L

RT: 7.818 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045515.D

Acq: 31 Mar 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2025-01

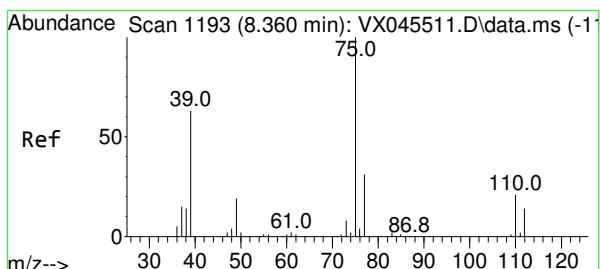
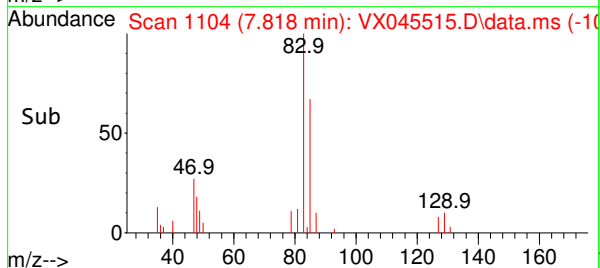
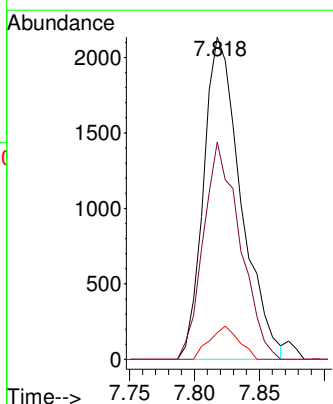
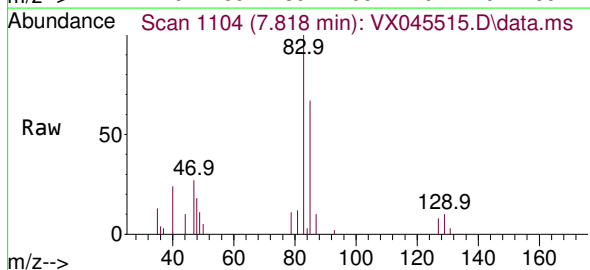
Tgt Ion: 83 Resp: 4274

Ion Ratio Lower Upper

83 100

85 67.4 43.8 81.3

127 8.2 6.5 9.7



#39

cis-1,3-Dichloropropene

Concen: 2.675 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX045515.D

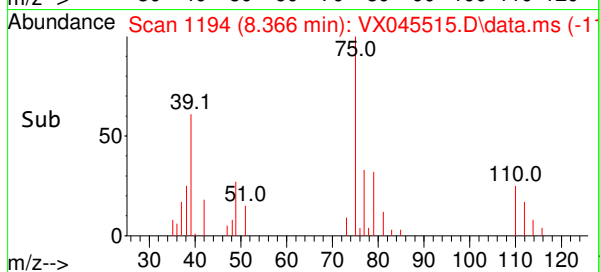
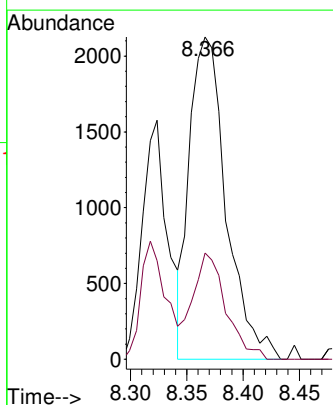
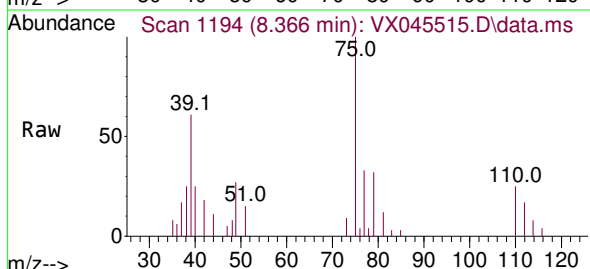
Acq: 31 Mar 2025 12:18

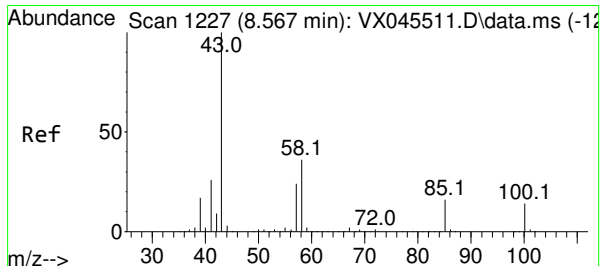
Tgt Ion: 75 Resp: 4826

Ion Ratio Lower Upper

75 100

77 33.0 21.7 40.3

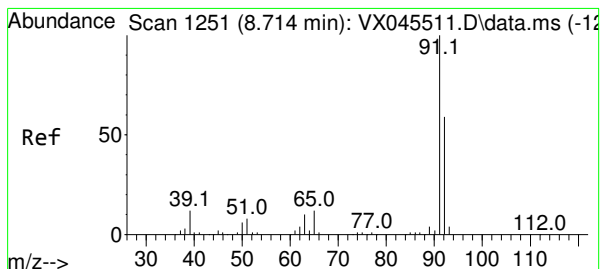
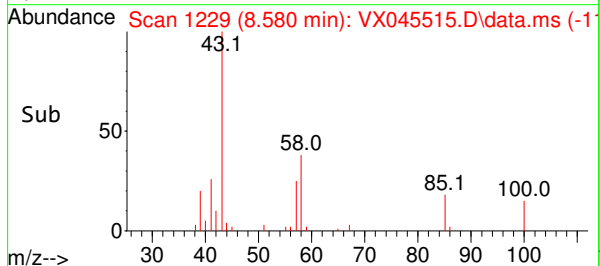
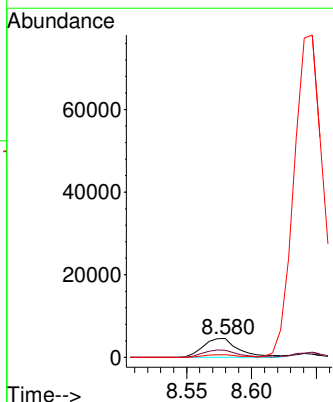
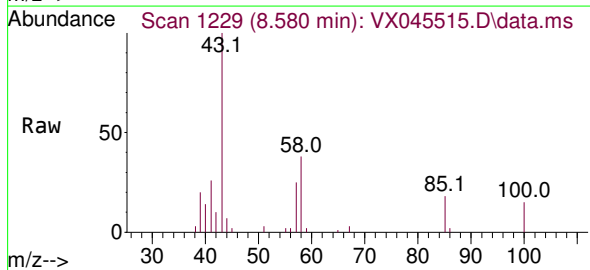




#40
4-Methyl-2-pentanone
Concen: 4.620 ug/L
RT: 8.580 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

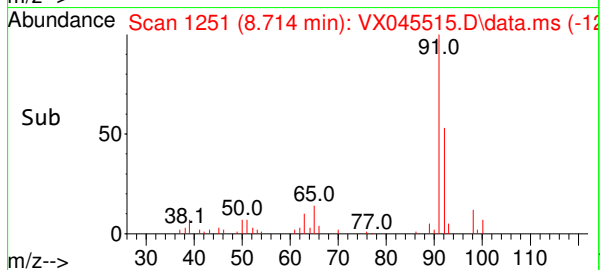
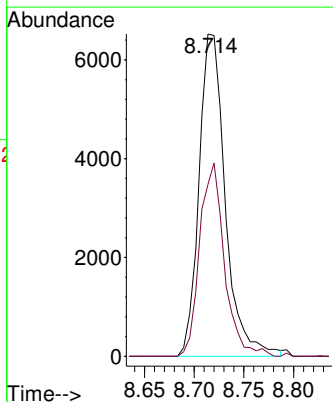
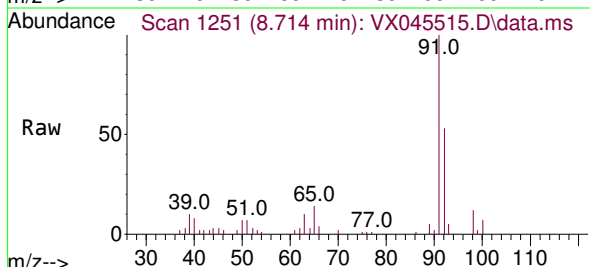
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT1-2025-01

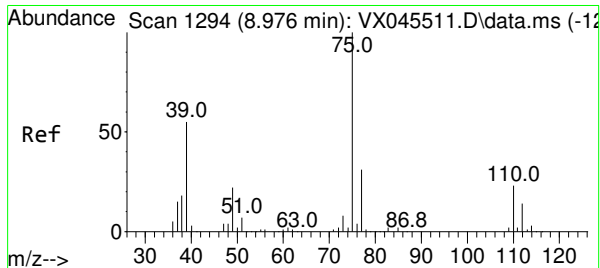
Tgt Ion: 43 Resp: 8712
Ion Ratio Lower Upper
43 100
58 37.9 32.1 48.1
100 13.9 12.9 19.3



#42
Toluene
Concen: 2.574 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion: 91 Resp: 11998
Ion Ratio Lower Upper
91 100
92 53.4 40.7 75.5

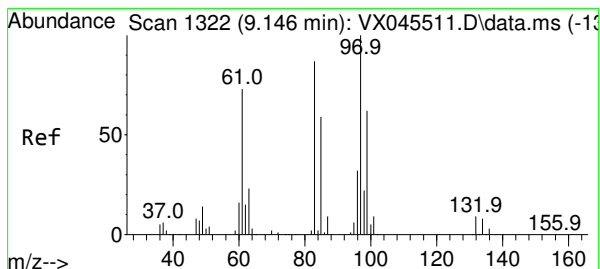
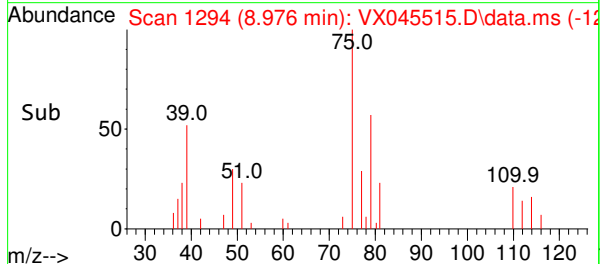
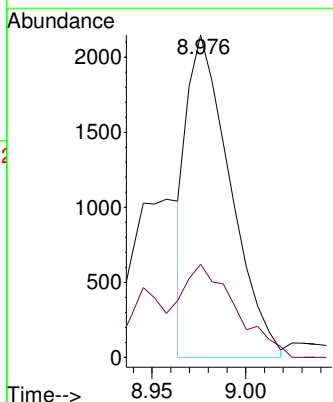
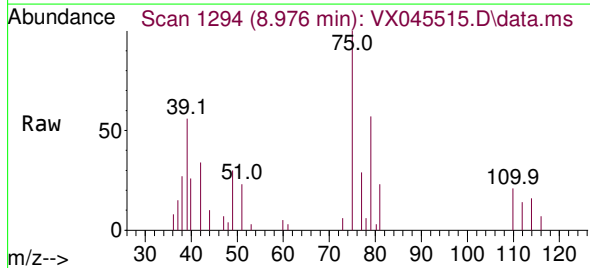




#44
 trans-1,3-Dichloropropene
 Concen: 2.041 ug/L
 RT: 8.976 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045515.D
 Acq: 31 Mar 2025 12:18

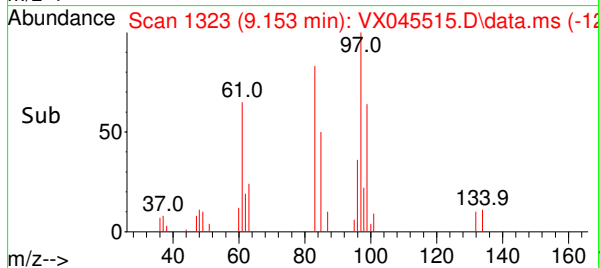
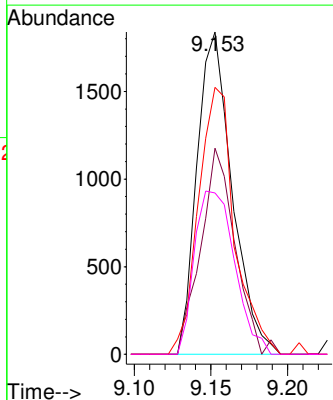
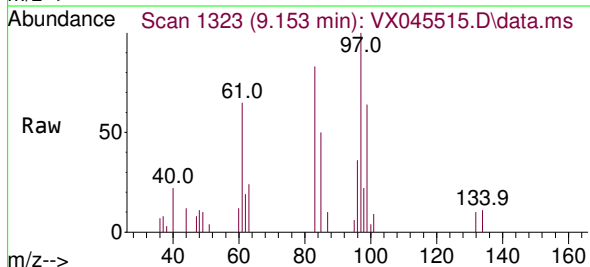
Instrument : MSVOA_X
 ClientSampleId : MDL-MED-SOIL-QT1-2025-01

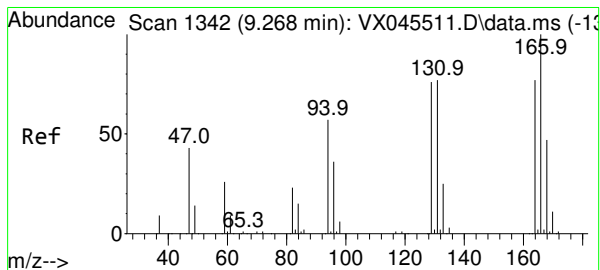
Tgt Ion:	75	Resp:	3430
Ion	Ratio	Lower	Upper
75	100		
77	29.0	22.4	41.6



#45
 1,1,2-Trichloroethane
 Concen: 2.474 ug/L
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX045515.D
 Acq: 31 Mar 2025 12:18

Tgt Ion:	97	Resp:	2927
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.8	83.2
83	82.8	60.8	113.0
85	50.1	39.3	72.9





#46

Tetrachloroethene

Concen: 2.541 ug/L

RT: 9.268 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045515.D

Acq: 31 Mar 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT1-2025-01

Tgt Ion:164 Resp: 2104

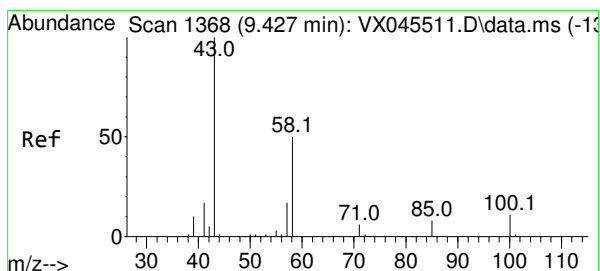
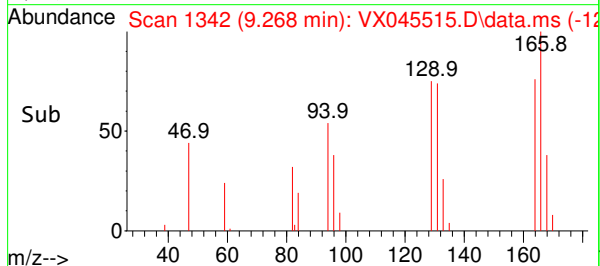
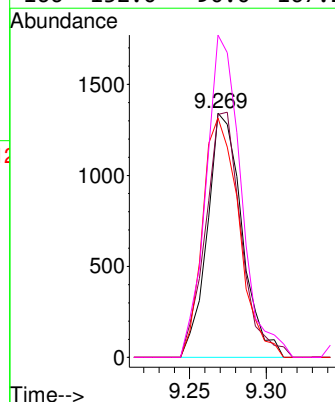
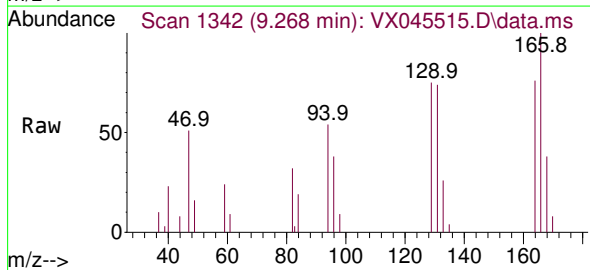
Ion Ratio Lower Upper

164 100

129 99.6 71.2 132.2

131 98.1 67.2 124.8

166 132.0 90.0 167.2



#48

2-Hexanone

Concen: 5.416 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX045515.D

Acq: 31 Mar 2025 12:18

Tgt Ion: 43 Resp: 7699

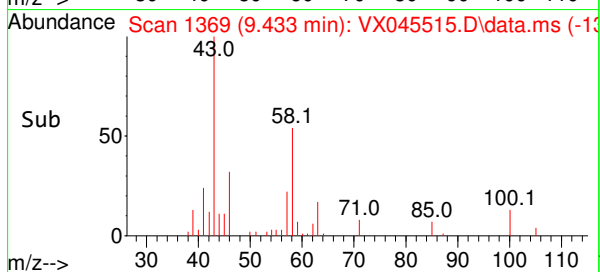
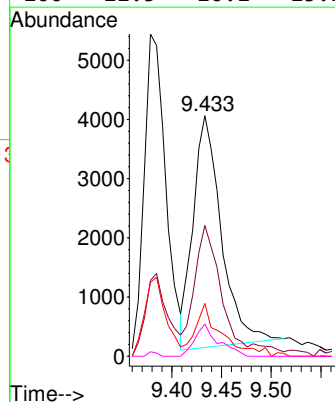
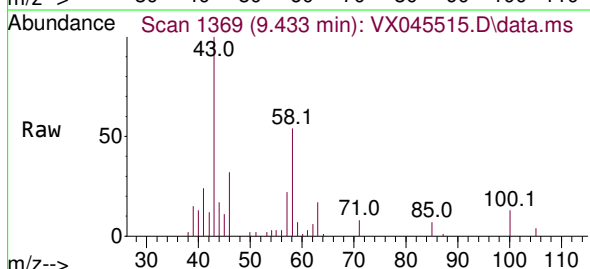
Ion Ratio Lower Upper

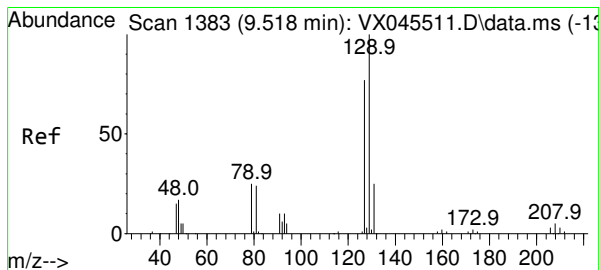
43 100

58 52.4 44.3 66.5

57 19.5 15.9 23.9

100 11.5 10.1 15.1





#49

Dibromochloromethane

Concen: 2.461 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX045515.D

Acq: 31 Mar 2025 12:18

Instrument :

MSVOA_X

ClientSampleId :

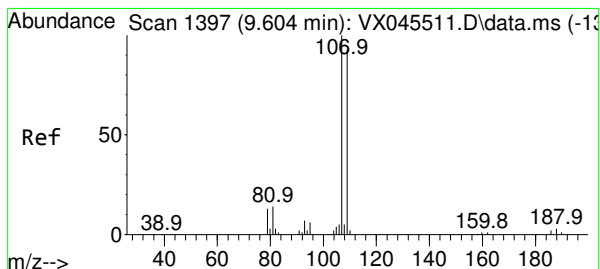
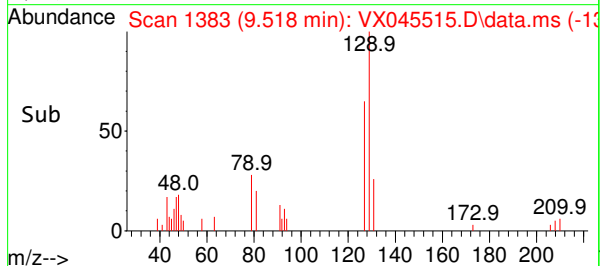
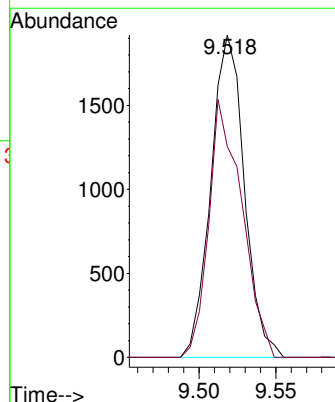
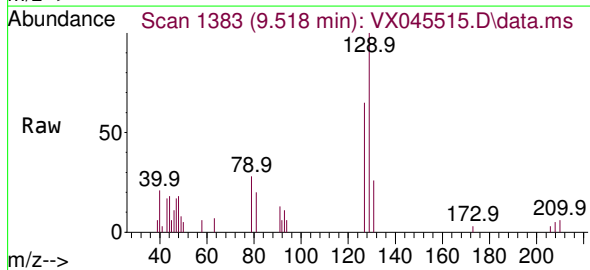
MDL-MED-SOIL-QT1-2025-01

Tgt Ion:129 Resp: 2905

Ion Ratio Lower Upper

129 100

127 65.4 53.6 99.6



#50

1,2-Dibromoethane

Concen: 2.632 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX045515.D

Acq: 31 Mar 2025 12:18

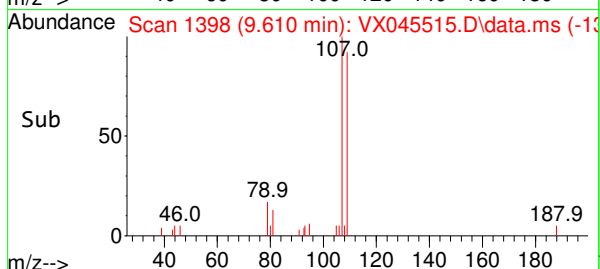
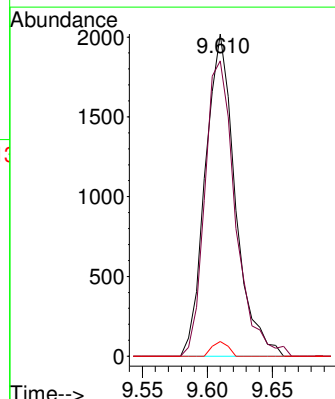
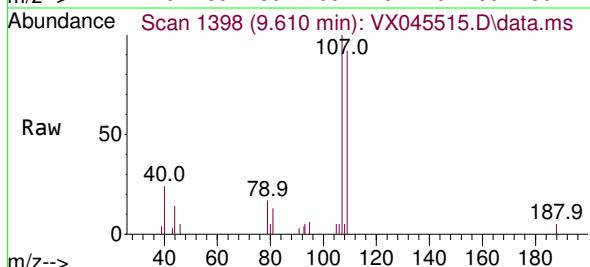
Tgt Ion:107 Resp: 3240

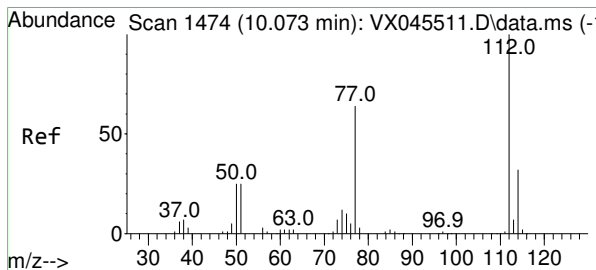
Ion Ratio Lower Upper

107 100

109 91.6 67.2 124.8

188 4.6 2.2 3.4#

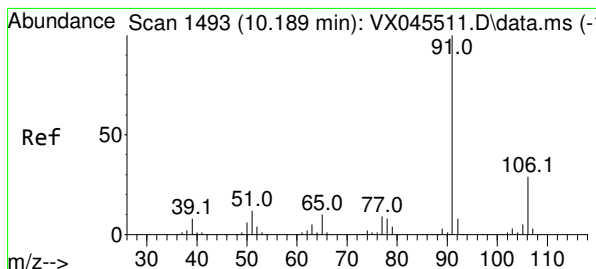
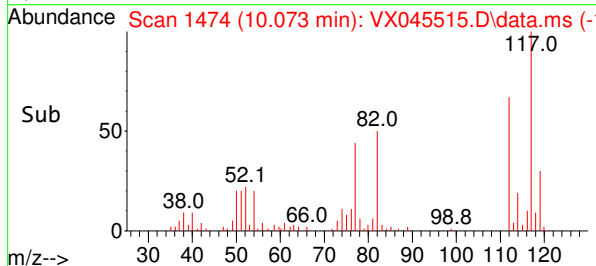
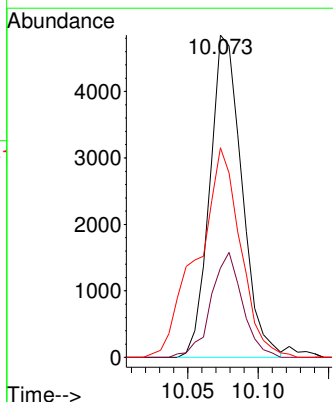
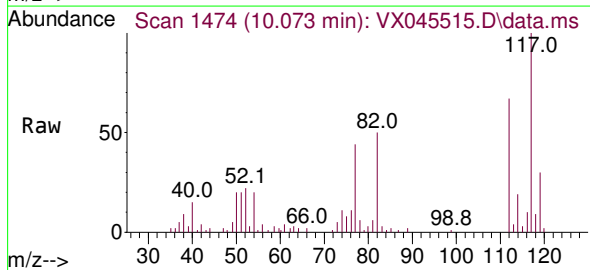




#51
Chlorobenzene
Concen: 2.623 ug/L
RT: 10.073 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

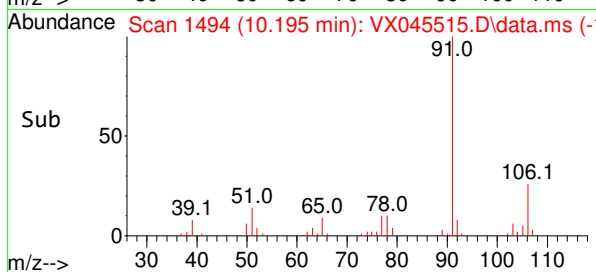
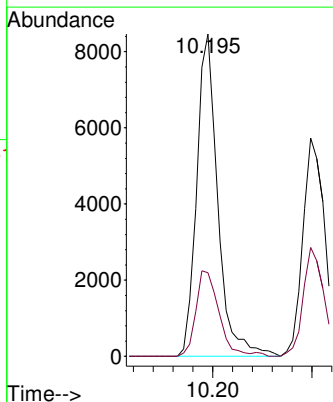
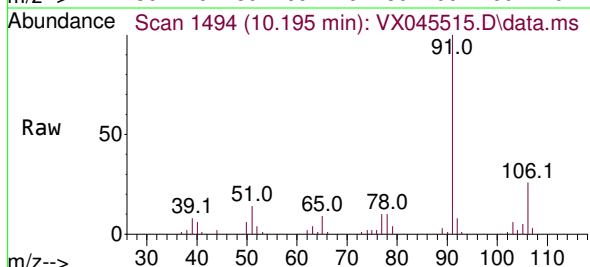
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

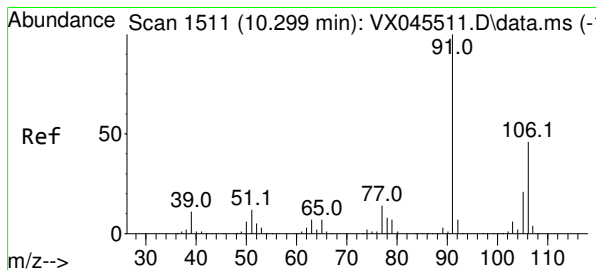
Tgt Ion:	112	Resp:	7671
Ion	Ratio	Lower	Upper
112	100		
114	27.7	22.4	41.6
77	65.0	49.2	73.8



#52
Ethylbenzene
Concen: 2.372 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:	91	Resp:	12444
Ion	Ratio	Lower	Upper
91	100		
106	26.0	21.1	39.3

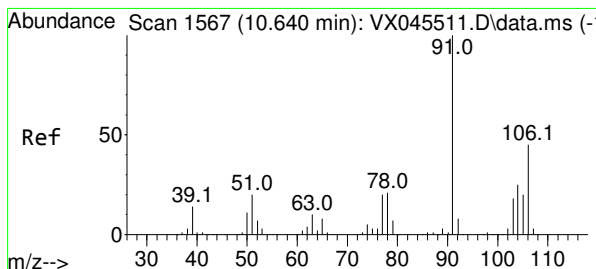
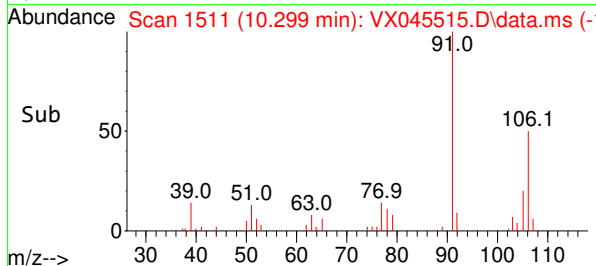
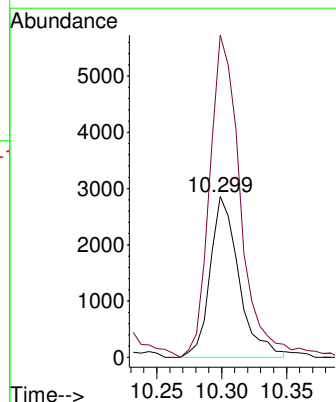
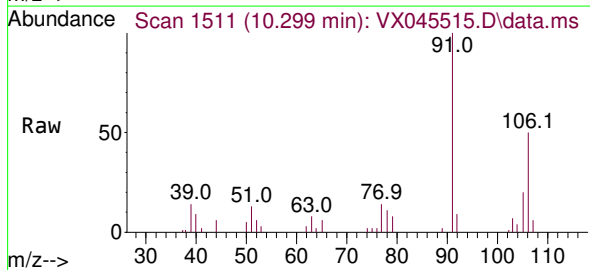




#53
m,p-Xylene
Concen: 2.323 ug/L
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

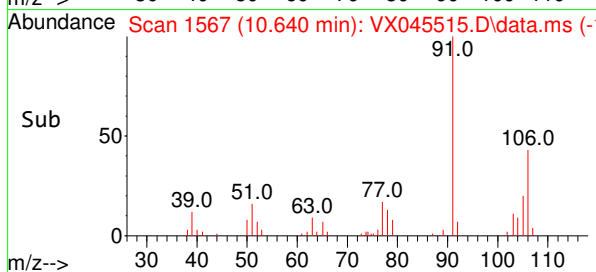
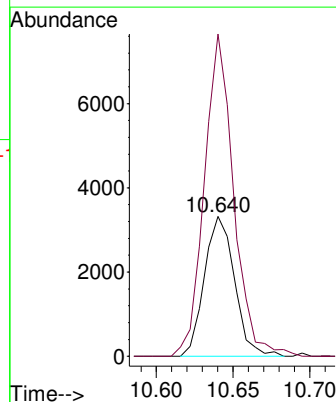
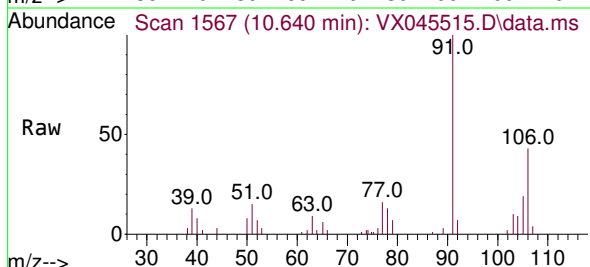
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

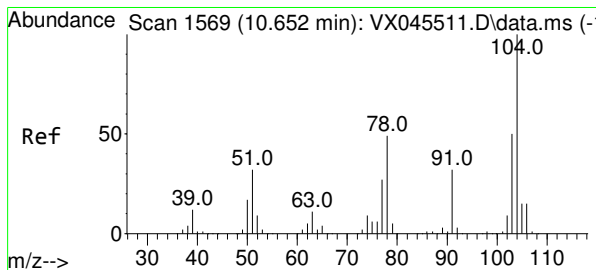
Tgt Ion:106 Resp: 4419
Ion Ratio Lower Upper
106 100
91 200.3 145.2 269.6



#54
o-Xylene
Concen: 2.432 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:106 Resp: 4544
Ion Ratio Lower Upper
106 100
91 230.4 153.2 284.4

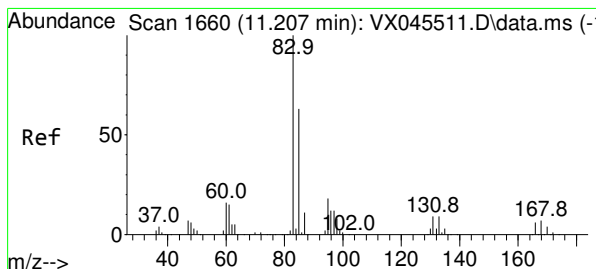
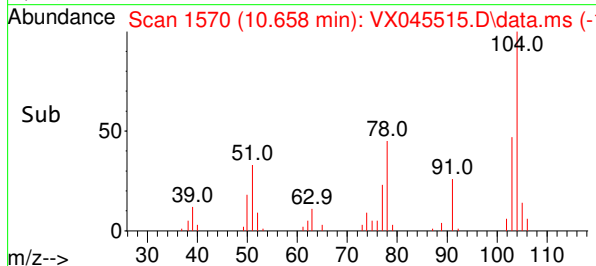
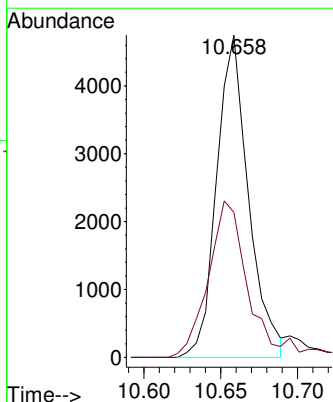
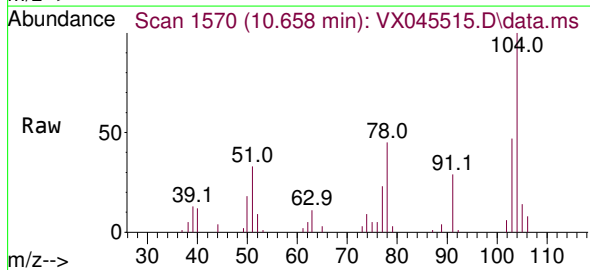




#55
Styrene
Concen: 2.190 ug/L
RT: 10.658 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

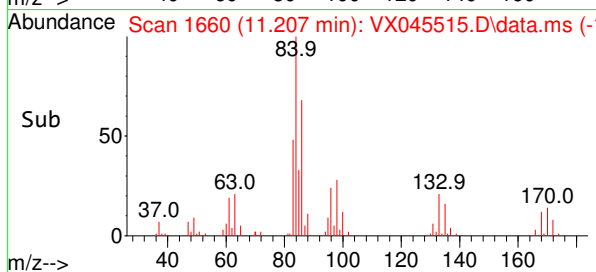
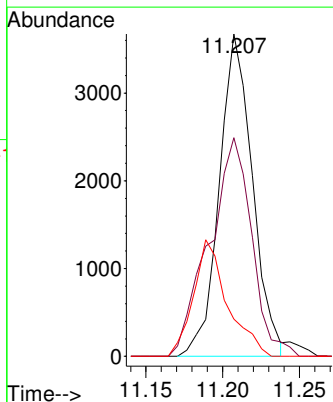
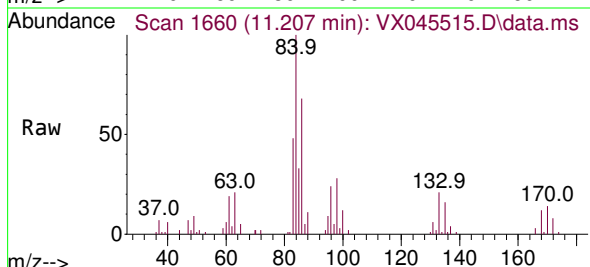
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

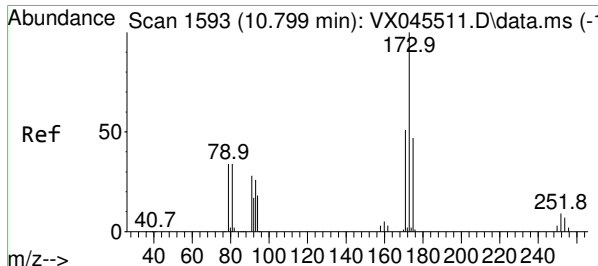
Tgt Ion: 104 Resp: 6848
Ion Ratio Lower Upper
104 100
78 45.0 32.7 60.7



#57
1,1,2,2-Tetrachloroethane
Concen: 2.965 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion: 83 Resp: 5513
Ion Ratio Lower Upper
83 100
85 67.8 44.9 83.5
131 11.6 8.0 12.0

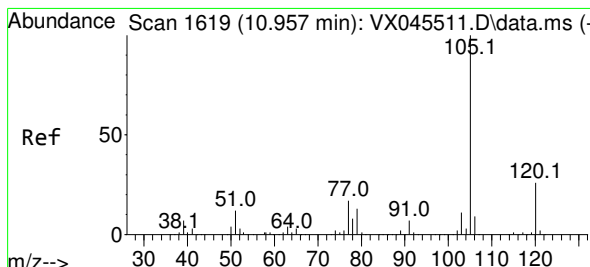
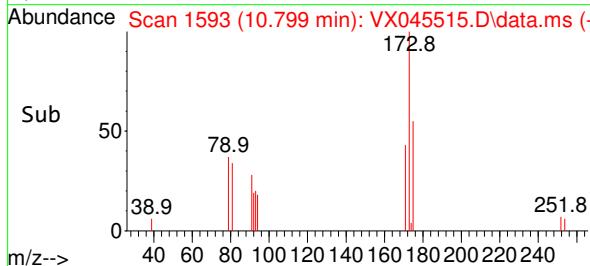
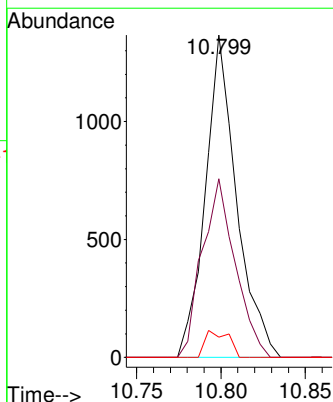
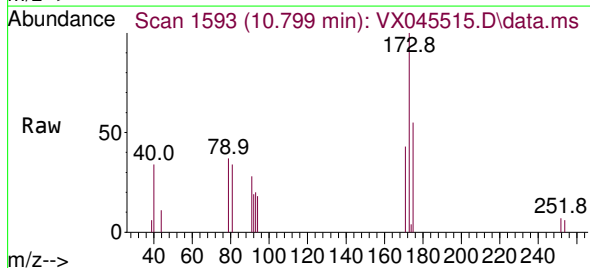




#59
Bromoform
Concen: 2.345 ug/L
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

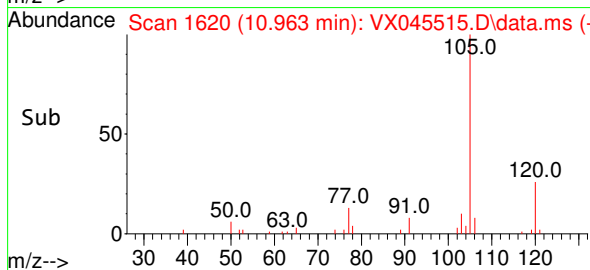
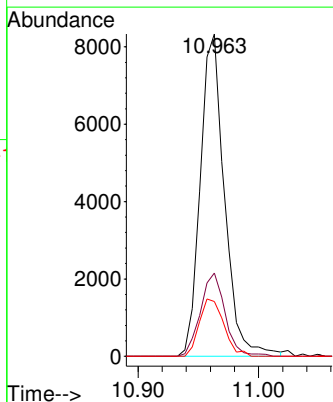
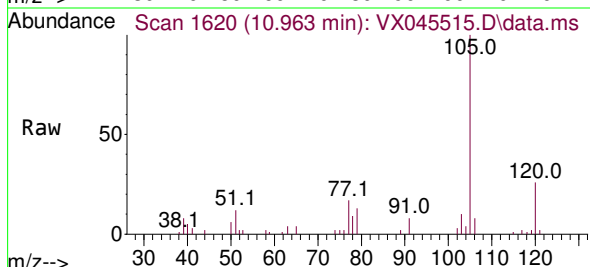
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

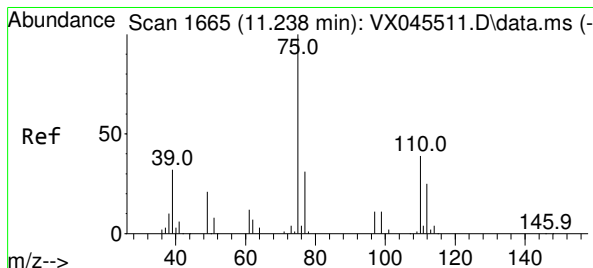
Tgt Ion:173 Resp: 1759
Ion Ratio Lower Upper
173 100
175 58.6 38.6 58.0#
254 6.3 6.6 10.0#



#60
Isopropylbenzene
Concen: 2.393 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:105 Resp: 11602
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 18.0 12.6 19.0

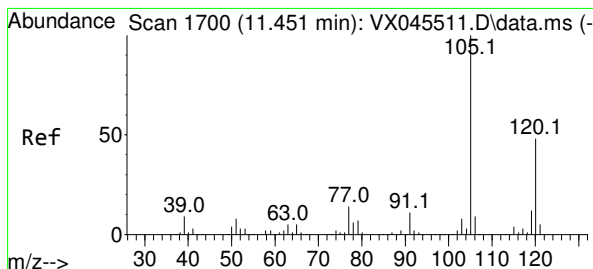
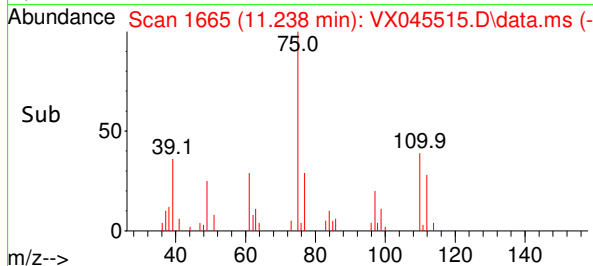
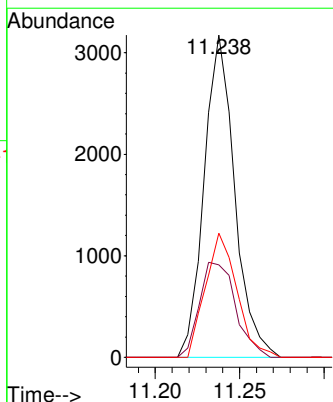
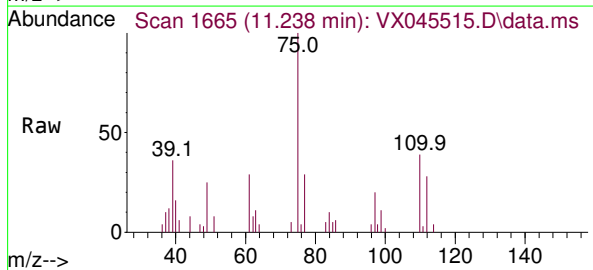




#61
1,2,3-Trichloropropane
Concen: 2.761 ug/L
RT: 11.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

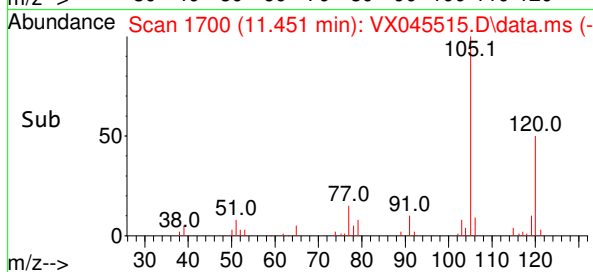
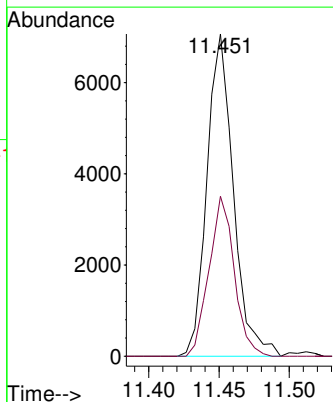
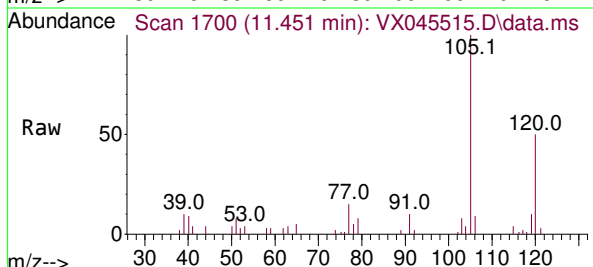
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

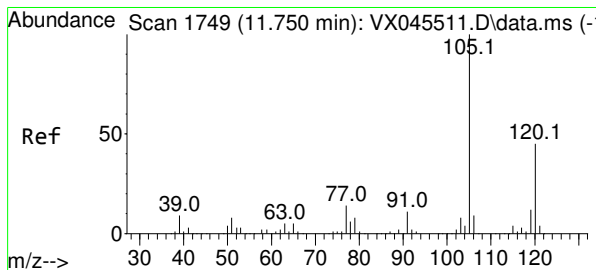
Tgt Ion:	75	Resp:	4001
Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.8	38.6
110	39.8	30.8	46.2



#62
1,3,5-Trimethylbenzene
Concen: 2.331 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:	105	Resp:	9244
Ion	Ratio	Lower	Upper
105	100		
120	47.5	38.3	57.5

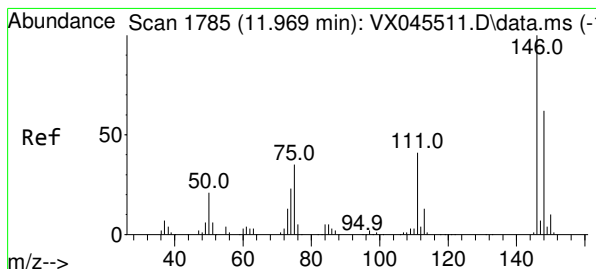
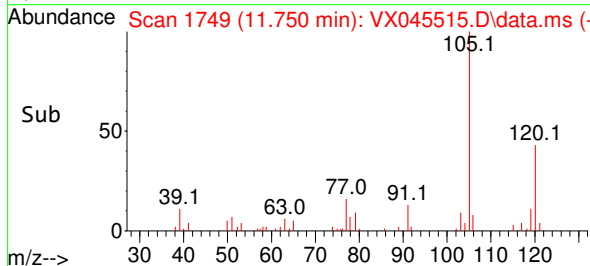
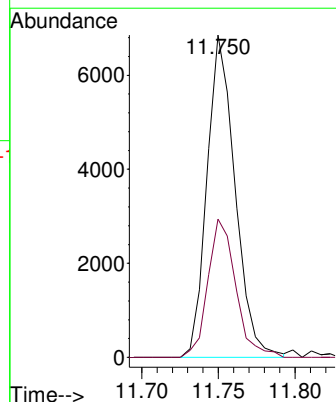
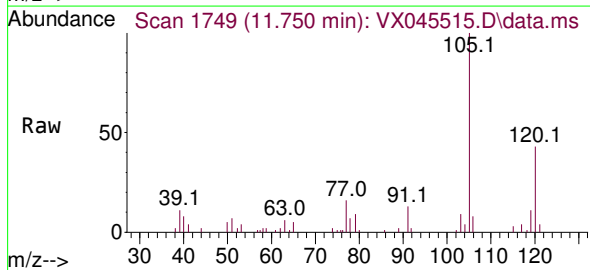




#63
1,2,4-Trimethylbenzene
Concen: 2.246 ug/L
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

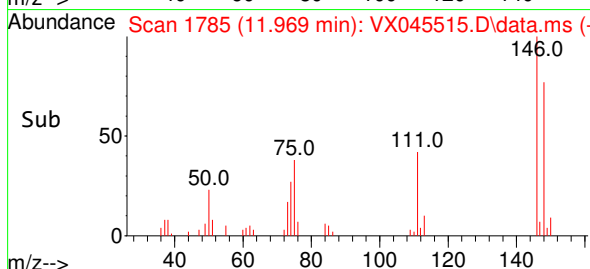
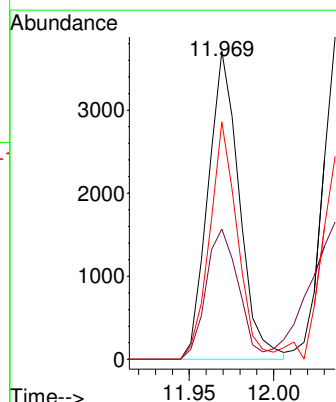
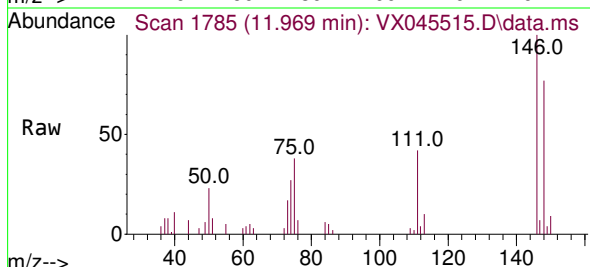
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

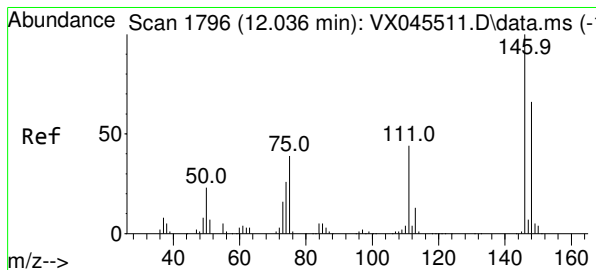
Tgt Ion:105 Resp: 8741
Ion Ratio Lower Upper
105 100
120 42.5 35.7 53.5



#64
1,3-Dichlorobenzene
Concen: 2.428 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:146 Resp: 4782
Ion Ratio Lower Upper
146 100
111 42.4 29.5 54.9
148 77.1 44.4 82.5

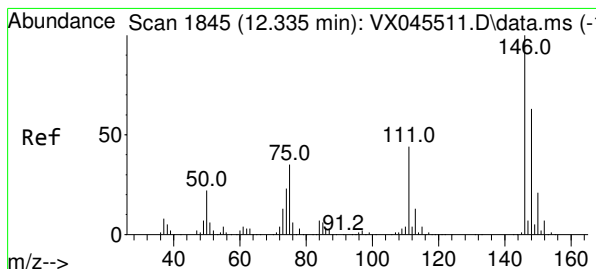
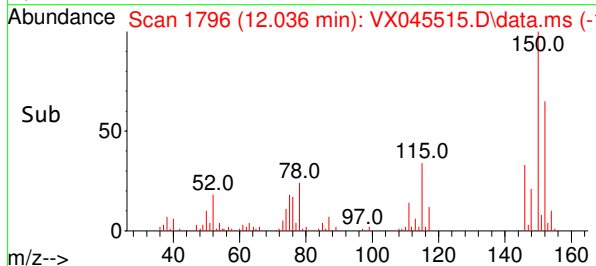
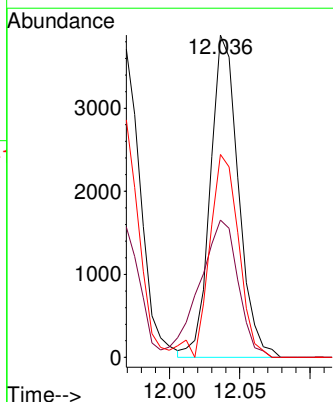
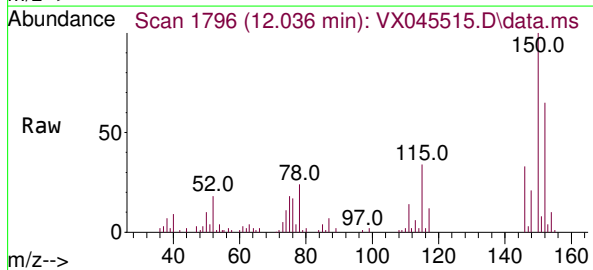




#65
 1,4-Dichlorobenzene
 Concen: 2.744 ug/L
 RT: 12.036 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045515.D
 Acq: 31 Mar 2025 12:18

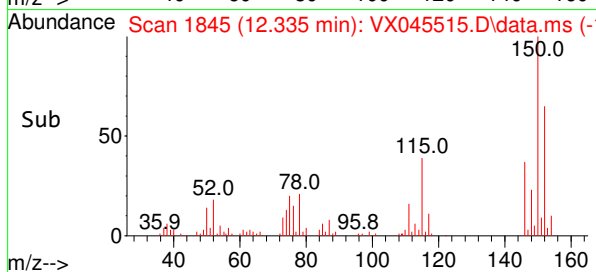
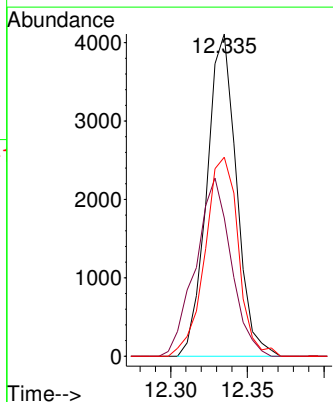
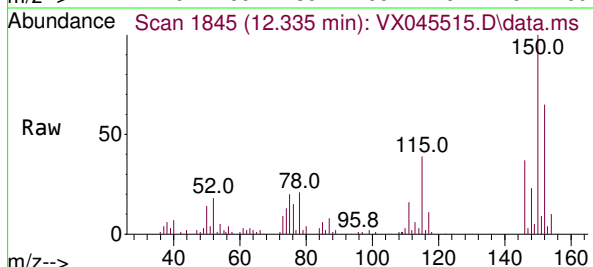
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-01

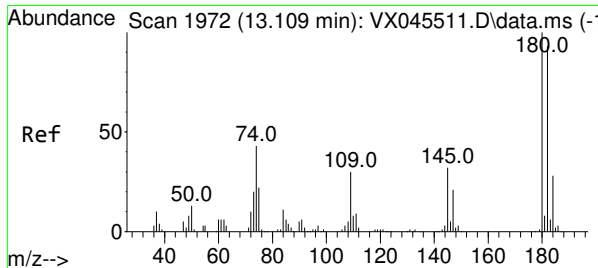
Tgt Ion:	146	Resp:	5390
Ion	Ratio	Lower	Upper
146	100		
111	42.6	29.7	55.1
148	63.0	43.5	80.7



#67
 1,2-Dichlorobenzene
 Concen: 2.821 ug/L
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX045515.D
 Acq: 31 Mar 2025 12:18

Tgt Ion:	146	Resp:	5527
Ion	Ratio	Lower	Upper
146	100		
111	42.9	36.1	54.1
148	61.8	51.5	77.3

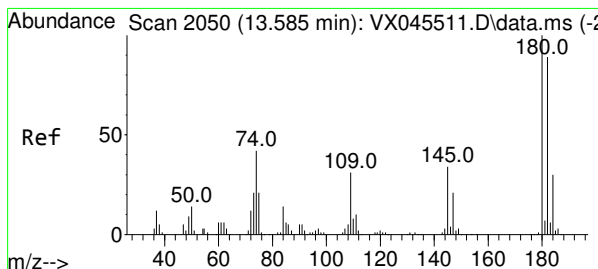
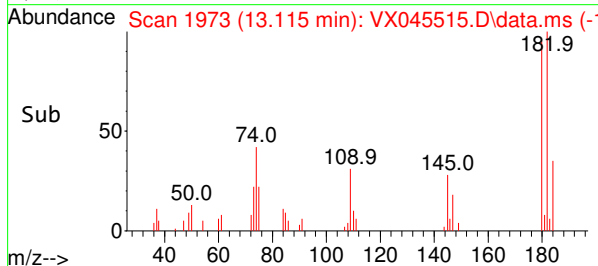
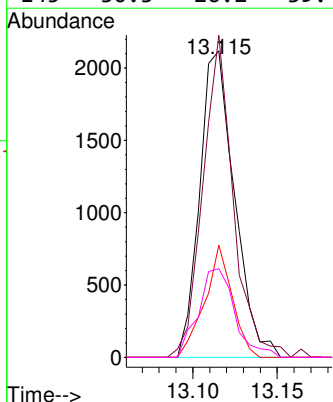
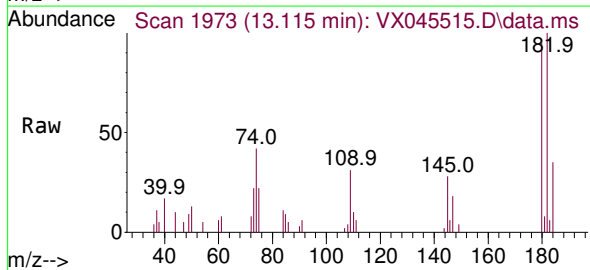




#69
1,3,5-Trichlorobenzene
Concen: 2.436 ug/L
RT: 13.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

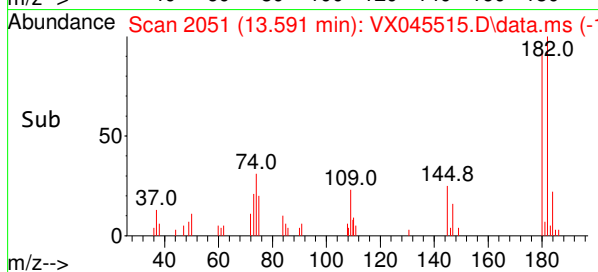
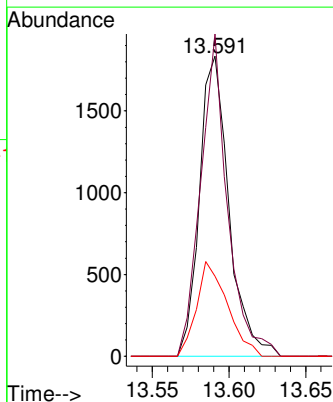
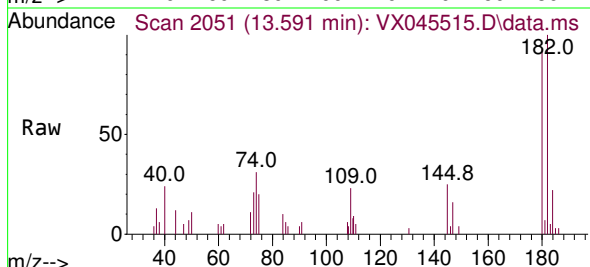
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

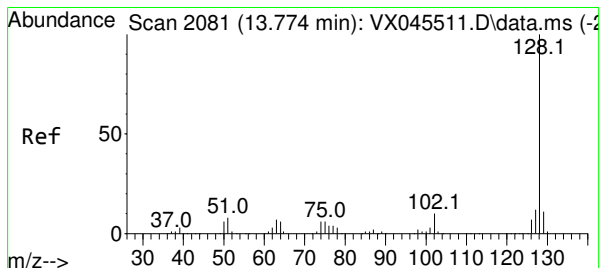
Tgt Ion:180	Resp:	3038
Ion	Ratio	Lower Upper
180	100	
182	90.8	77.0 115.6
184	28.9	24.0 36.0
145	30.3	26.2 39.4



#70
1,2,4-trichlorobenzene
Concen: 2.235 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:180	Resp:	2458
Ion	Ratio	Lower Upper
180	100	
182	97.8	76.5 114.7
145	33.0	27.0 40.4

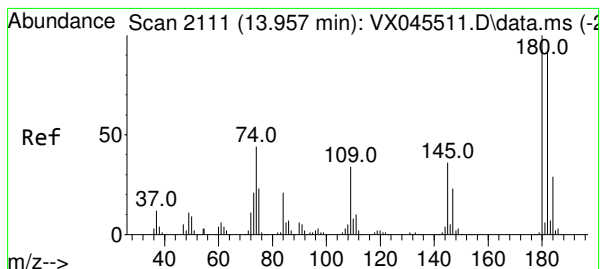
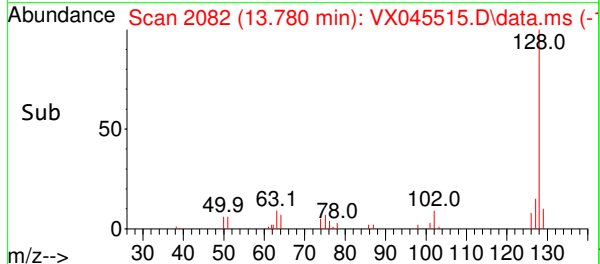
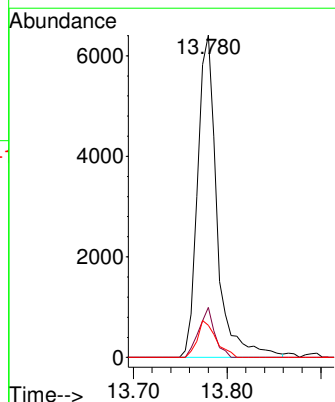
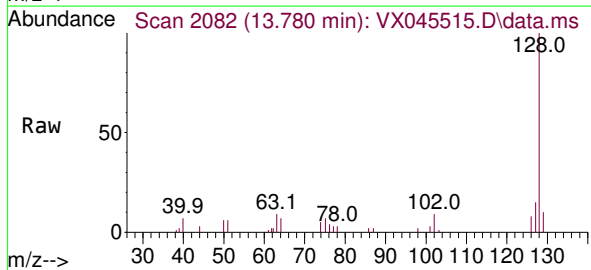




#71
Naphthalene
Concen: 2.230 ug/L
RT: 13.780 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT1-2025-01

Tgt Ion:	128	Resp:	9273
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 2.633 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045515.D
Acq: 31 Mar 2025 12:18

Tgt Ion:	180	Resp:	2976
Ion	Ratio	Lower	Upper
180	100		
182	86.2	77.1	115.7
145	31.8	28.3	42.5

