

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005524.D
 Acq On : 02 Aug 2021 16:19
 Operator : SY/MD
 Sample : M2940-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Manual Integrations
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Quant Time: Aug 03 07:01:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 07:00:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	282096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	429107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	390059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	152223	53.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.620%
35) Dibromofluoromethane	7.728	113	120094	49.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.980%
50) Toluene-d8	10.185	98	495723	49.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.483	95	165159	49.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	10812	4.667	ug/l	99
3) Chloromethane	2.119	50	12187	4.403	ug/l	94
4) Vinyl Chloride	2.259	62	13906	4.195	ug/l	97
5) Bromomethane	2.656	94	10546	4.833	ug/l	90
6) Chloroethane	2.802	64	9023	4.509	ug/l	95
7) Trichlorofluoromethane	3.131	101	19618	4.420	ug/l	97
8) Diethyl Ether	3.534	74	7027	4.533	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	10348	4.298	ug/l	99
10) Methyl Iodide	4.101	142	12266	4.090	ug/l	98
11) Tert butyl alcohol	4.966	59	9959	35.280	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	10491	4.315	ug/l	99
13) Acrolein	3.735	56	3434	20.163	ug/l	99
14) Allyl chloride	4.491	41	19159	4.499	ug/l	97
15) Acrylonitrile	5.180	53	17777	22.376	ug/l	98
16) Acetone	3.960	43	14868	20.652	ug/l	96
17) Carbon Disulfide	4.204	76	32645	4.356	ug/l	99
18) Methyl Acetate	4.485	43	10472	5.562	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	33131	4.399	ug/l	92
20) Methylene Chloride	4.729	84	39014	10.790	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	11714	4.310	ug/l	98
22) Diisopropyl ether	6.125	45	38229	4.352	ug/l #	90
23) Vinyl Acetate	6.070	43	120180	20.558	ug/l	98
24) 1,1-Dichloroethane	6.027	63	21225	4.360	ug/l	99
25) 2-Butanone	6.996	43	22699	21.329	ug/l	99
26) 2,2-Dichloropropane	6.984	77	18039	4.056	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	13865	4.485	ug/l	98
28) Bromochloromethane	7.344	49	9127	4.697	ug/l	96
29) Tetrahydrofuran	7.356	42	15749	22.374	ug/l	99
30) Chloroform	7.509	83	22735	4.576	ug/l	96
31) Cyclohexane	7.789	56	24653	5.033	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	19847	4.345	ug/l	99
36) 1,1-Dichloropropene	7.923	75	16111	4.003	ug/l	99
37) Ethyl Acetate	7.082	43	11009	4.515	ug/l	97
38) Carbon Tetrachloride	7.911	117	17539	4.010	ug/l	95
39) Methylcyclohexane	9.185	83	20600	4.023	ug/l	96
40) Benzene	8.167	78	48185	4.181	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	6777m	5.123	ug/l	
42) 1,2-Dichloroethane	8.240	62	16662	4.457	ug/l	97
43) Isopropyl Acetate	8.283	43	19625	4.251	ug/l	98
44) Trichloroethene	8.941	130	13042	4.146	ug/l	96
45) 1,2-Dichloropropane	9.222	63	12362	4.287	ug/l	91
46) Dibromomethane	9.313	93	6697	4.201	ug/l	98
47) Bromodichloromethane	9.502	83	16935	4.244	ug/l	97
48) Methyl methacrylate	9.301	41	8532	4.090	ug/l	96
49) 1,4-Dioxane	9.301	88	1762	79.522	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	52260	21.497	ug/l	96
52) Toluene	10.246	92	30402	4.137	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	18268	4.097	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	20207	4.176	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	9502	4.119	ug/l	98
56) Ethyl methacrylate	10.514	69	13792	3.993	ug/l	96
57) 1,3-Dichloropropane	10.795	76	17376	4.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	32388	19.624	ug/l	99
59) 2-Hexanone	10.837	43	35643	20.744	ug/l	98
60) Dibromochloromethane	10.990	129	11616	4.069	ug/l	98
61) 1,2-Dibromoethane	11.093	107	9250	4.233	ug/l	97
64) Tetrachloroethene	10.721	164	12551	4.227	ug/l	95
65) Chlorobenzene	11.520	112	31854	4.058	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	12381	4.191	ug/l	98
67) Ethyl Benzene	11.593	91	57104	4.012	ug/l	98
68) m/p-Xylenes	11.703	106	44820	8.107	ug/l	99
69) o-Xylene	12.032	106	21168	3.984	ug/l	99
70) Styrene	12.044	104	34866	3.898	ug/l	99
71) Bromoform	12.209	173	8022	4.187	ug/l #	99
73) Isopropylbenzene	12.331	105	55375	3.999	ug/l	99
74) N-amyl acetate	12.148	43	17125	4.108	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	11111	4.172	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	10214m	4.968	ug/l	
77) Bromobenzene	12.611	156	14362	4.221	ug/l	97
78) n-propylbenzene	12.672	91	67767	4.120	ug/l	98
79) 2-Chlorotoluene	12.758	91	37996	4.114	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	47027	4.092	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4302	4.218	ug/l	93
82) 4-Chlorotoluene	12.855	91	39919	4.177	ug/l	100
83) tert-Butylbenzene	13.081	119	41736	4.047	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	46031	4.059	ug/l	99
85) sec-Butylbenzene	13.257	105	60028	4.036	ug/l	100
86) p-Isopropyltoluene	13.373	119	50717	3.971	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	27216	4.100	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	27468	4.171	ug/l	92
89) n-Butylbenzene	13.696	91	46951	4.058	ug/l	98
90) Hexachloroethane	13.965	117	9600	4.181	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	24494	4.177	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2007	3.975	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	16987	4.217	ug/l	100
94) Hexachlorobutadiene	15.117	225	11420	4.379	ug/l	98
95) Naphthalene	15.239	128	33024	4.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	15627	4.379	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 07:00:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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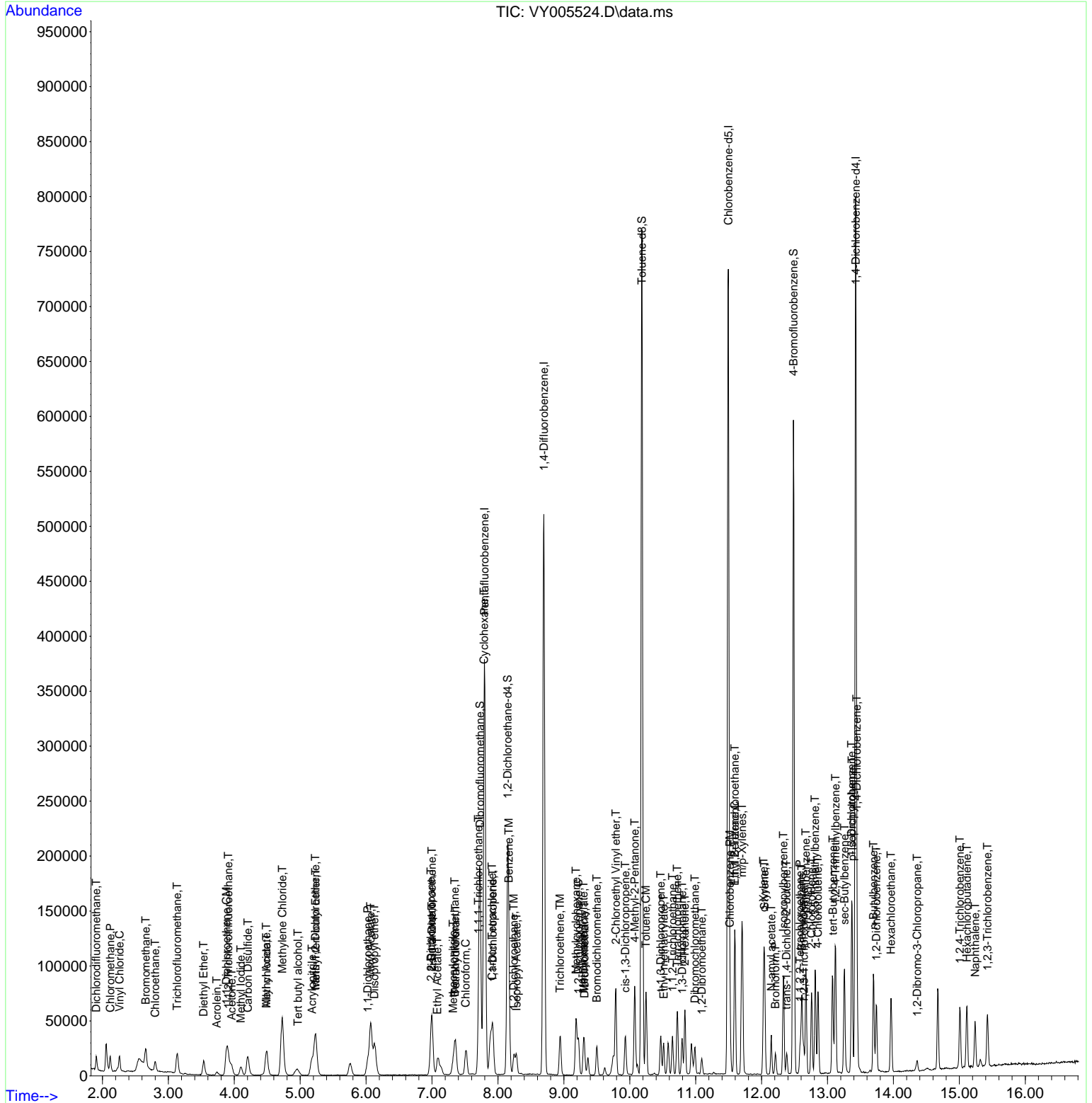
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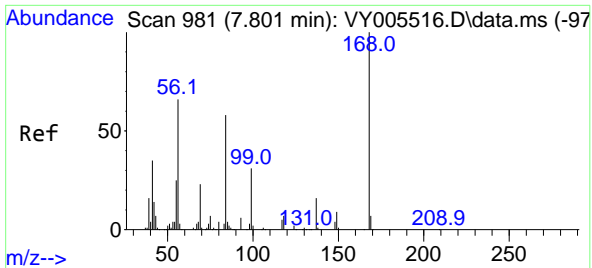
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 Acq On : 02 Aug 2021 16:19
 Operator : SY/MD
 Sample : M2940-03 4PPBMDL
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 ALS Vial : 16 Sample Multiplier: 1

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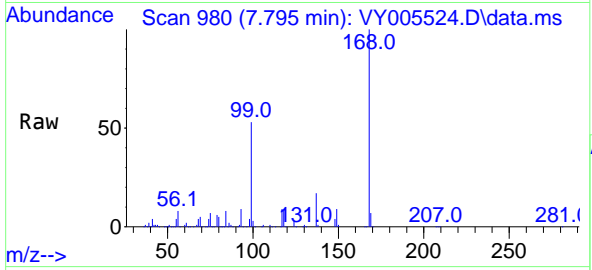
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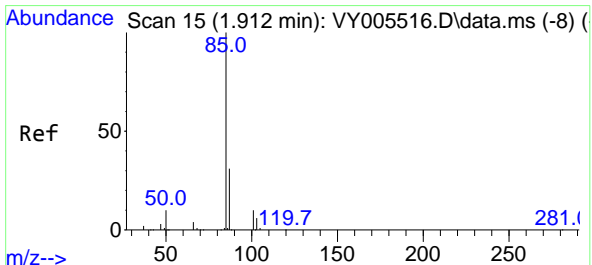
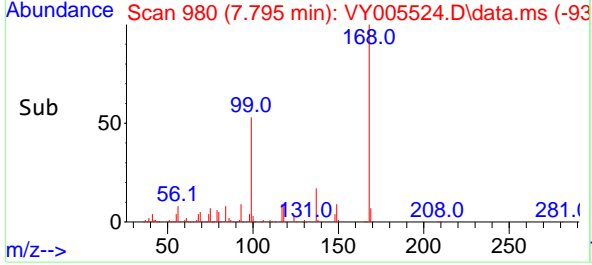
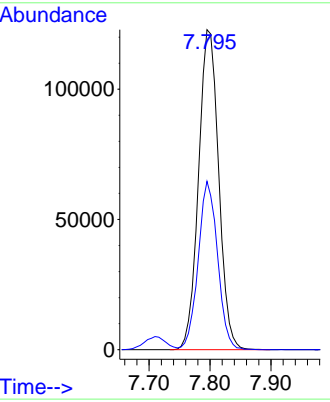
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VY005524.D
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ClientSampled :
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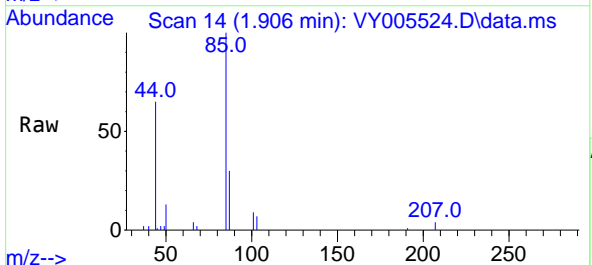


Tgt Ion:168 Resp: 282096
 Ion Ratio Lower Upper
 168 100
 99 52.6 38.9 58.3

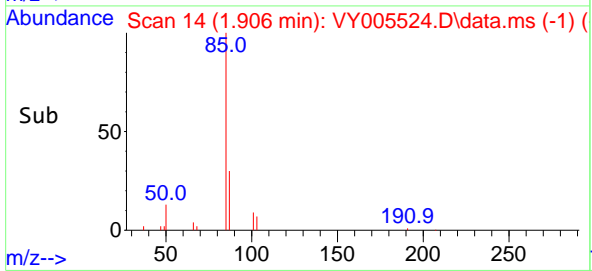
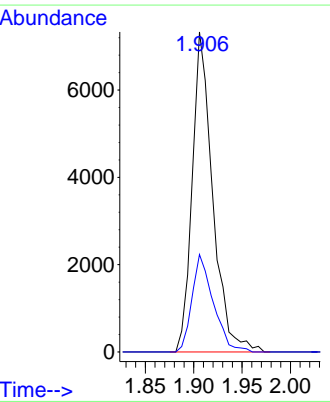
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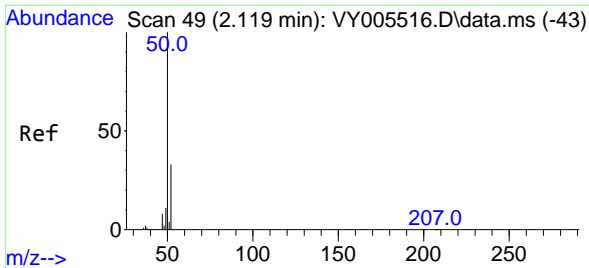


#2
 Dichlorodifluoromethane
 Concen: 4.667 ug/l
 RT: 1.906 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



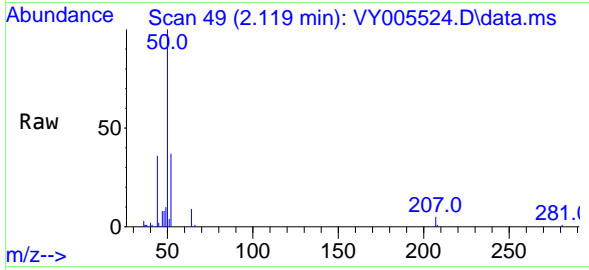
Tgt Ion: 85 Resp: 10812
 Ion Ratio Lower Upper
 85 100
 87 30.5 15.4 46.2





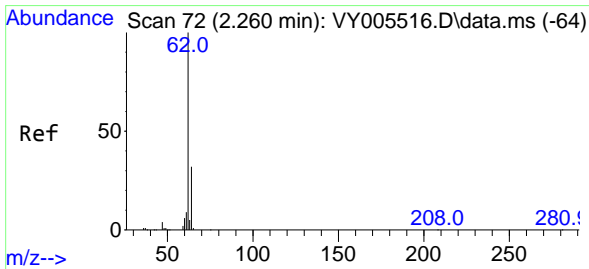
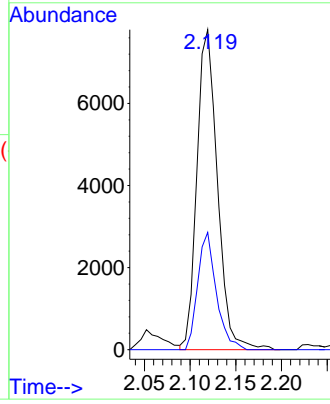
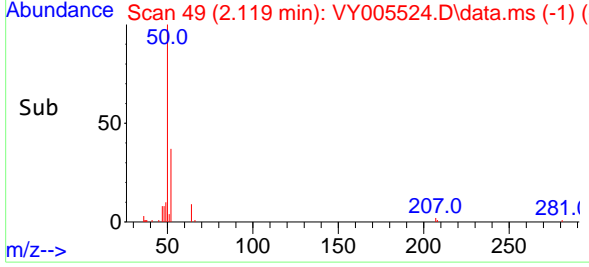
#3
 Chloromethane
 Concen: 4.403 ug/l
 RT: 2.119 min Scan# 49
 Delta R.T. -0.000 min
 Lab File: VY005524.D
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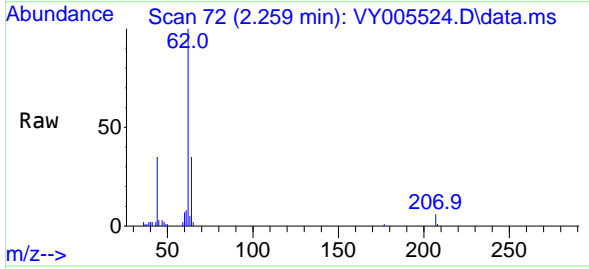


Tgt Ion: 50 Resp: 12187
 Ion Ratio Lower Upper
 50 100
 52 36.7 26.4 39.6

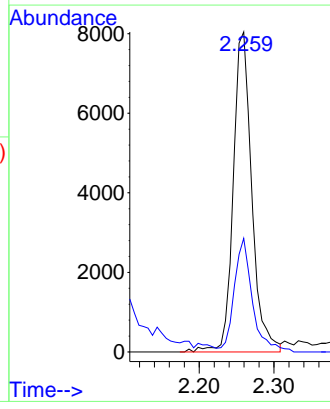
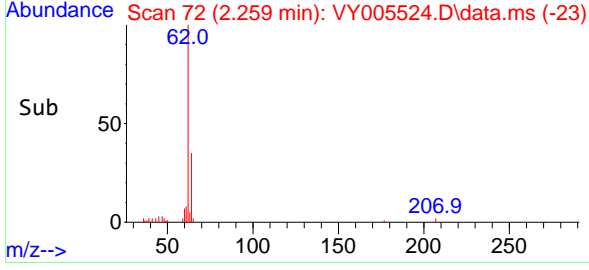
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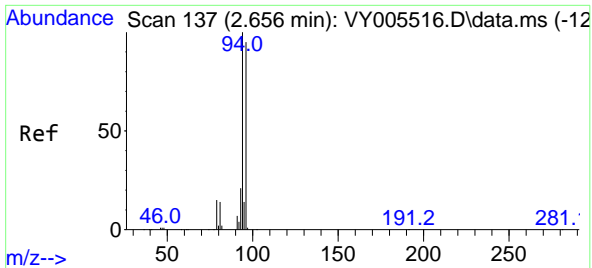


#4
 Vinyl Chloride
 Concen: 4.195 ug/l
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY005524.D
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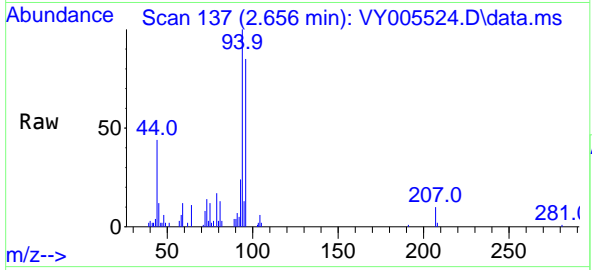
Tgt Ion: 62 Resp: 13906
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.9 38.9





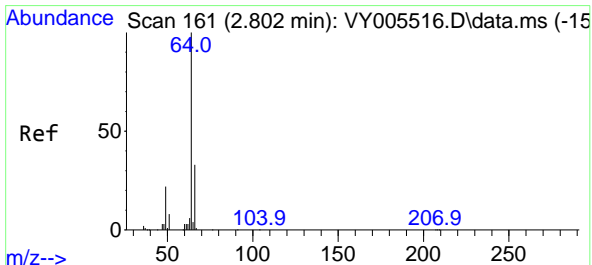
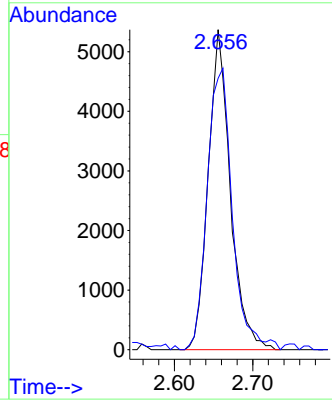
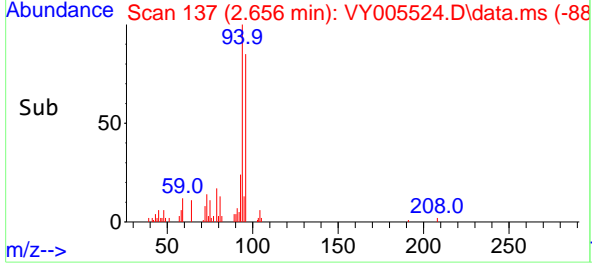
#5
 Bromomethane
 Concen: 4.833 ug/l
 RT: 2.656 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VY005524.D
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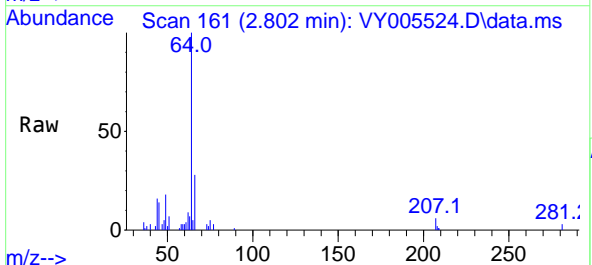


Tgt Ion: 94 Resp: 10546
 Ion Ratio Lower Upper
 94 100
 96 84.8 75.7 113.5

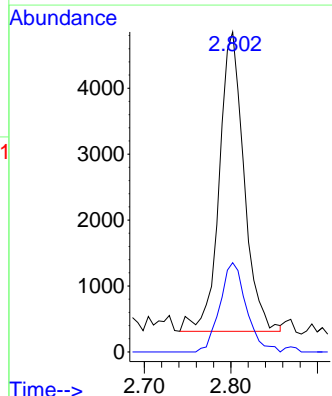
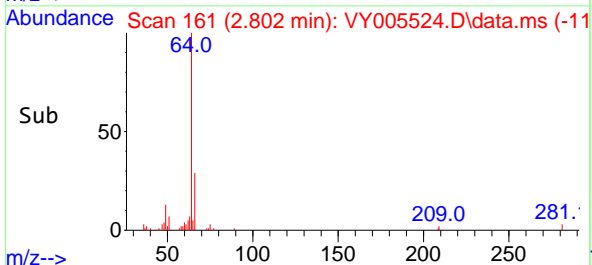
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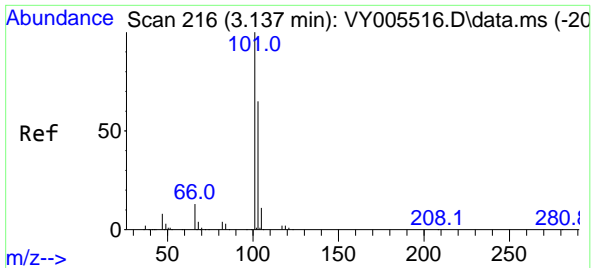


#6
 Chloroethane
 Concen: 4.509 ug/l
 RT: 2.802 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



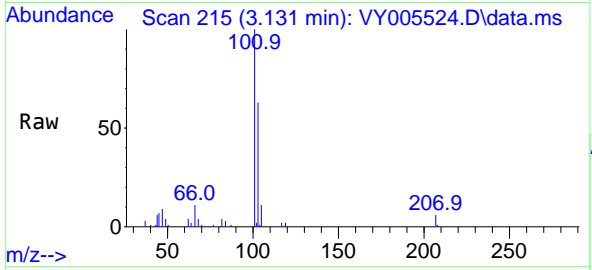
Tgt Ion: 64 Resp: 9023
 Ion Ratio Lower Upper
 64 100
 66 29.8 26.1 39.1





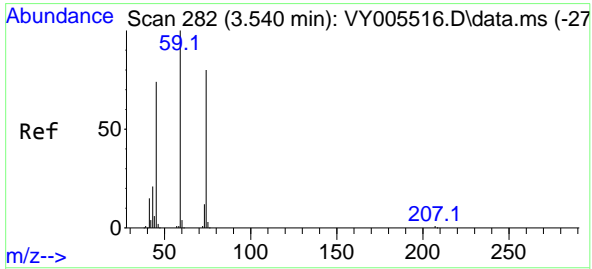
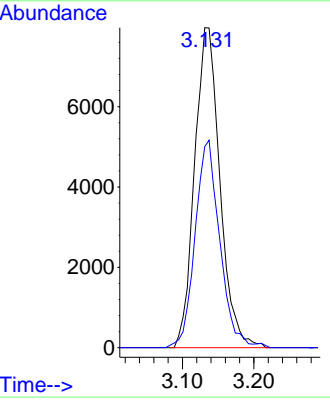
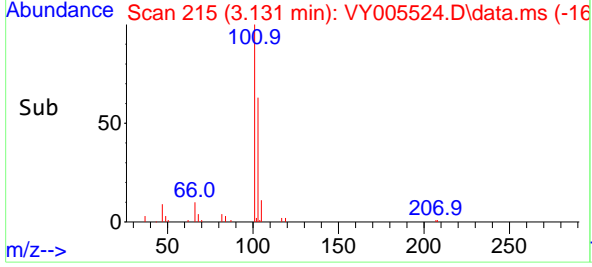
#7
 Trichlorofluoromethane
 Concen: 4.420 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.006 min
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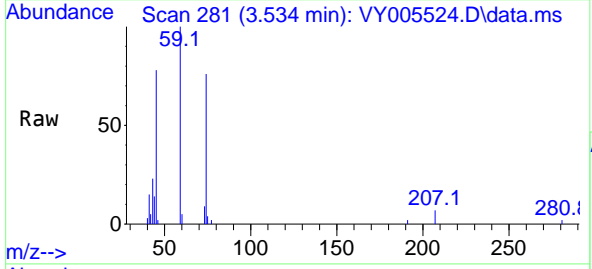


Tgt Ion:101 Resp: 19618
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.2 78.4

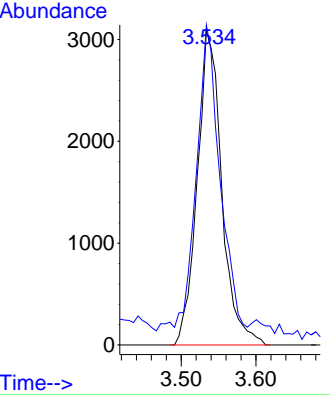
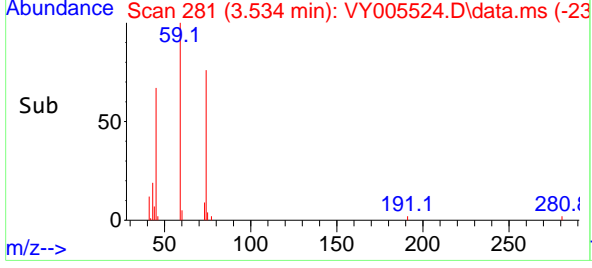
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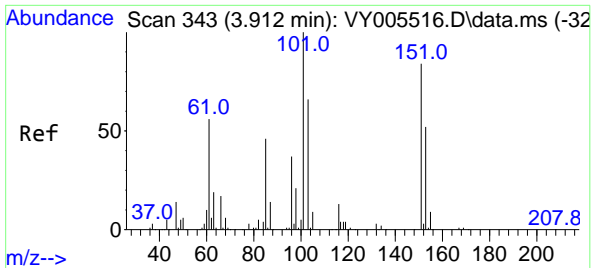


#8
 Diethyl Ether
 Concen: 4.533 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
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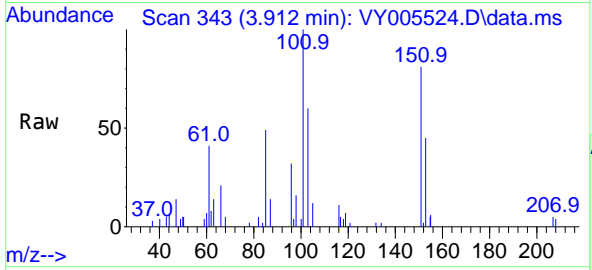
Tgt Ion: 74 Resp: 7027
 Ion Ratio Lower Upper
 74 100
 45 94.8 47.2 141.6





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.298 ug/l
 RT: 3.912 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

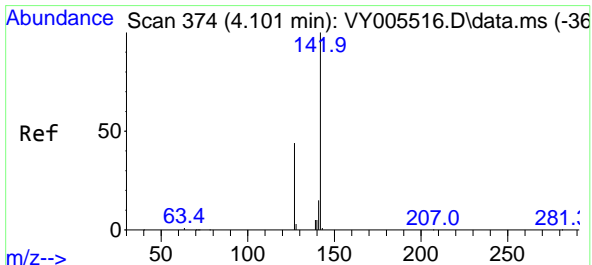
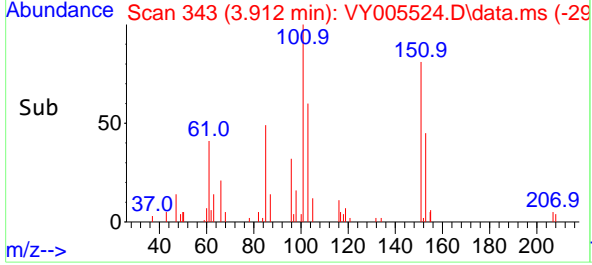
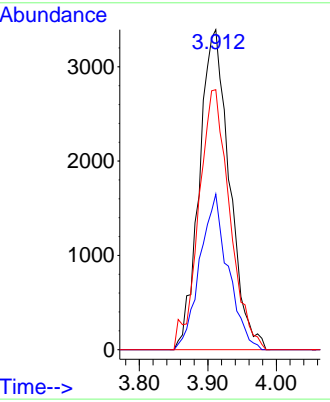
Instrument :
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ClientSampled :
 MDL-SOIL-03-QT3-2021



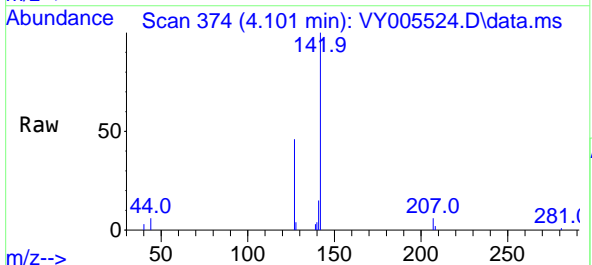
Tgt Ion:101 Resp: 10348

Ion	Ratio	Lower	Upper
101	100		
85	45.6	36.3	54.5
151	83.3	67.6	101.4

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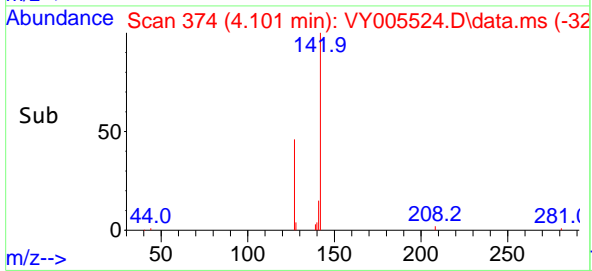
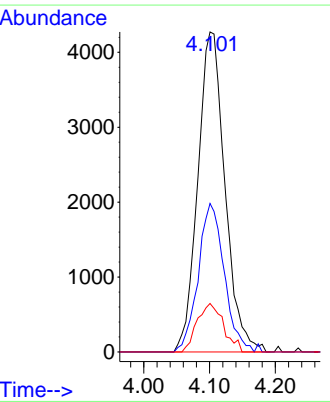


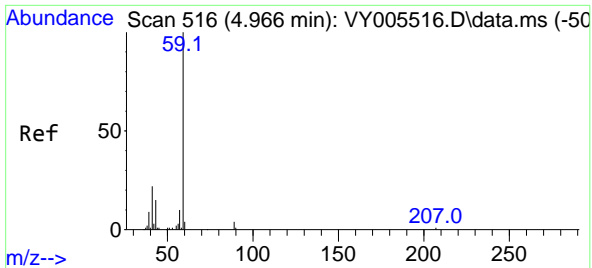
#10
 Methyl Iodide
 Concen: 4.090 ug/l
 RT: 4.101 min Scan# 374
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion:142 Resp: 12266

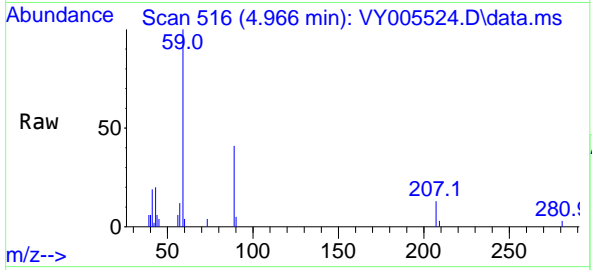
Ion	Ratio	Lower	Upper
142	100		
127	44.5	36.6	54.8
141	14.8	12.2	18.4





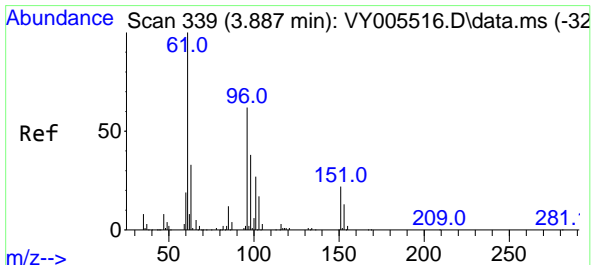
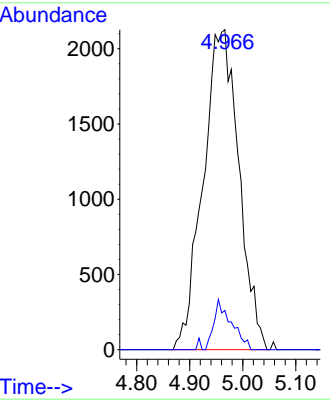
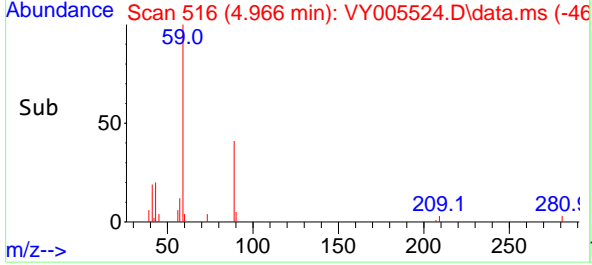
#11
 Tert butyl alcohol
 Concen: 35.280 ug/l
 RT: 4.966 min Scan# 516
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument : MSVOA_Y
 Client Sampled : MDL-SOIL-03-QT3-2021

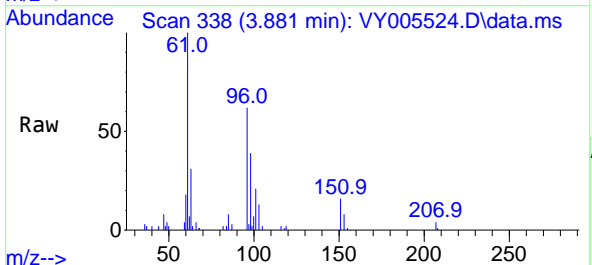


Tgt Ion: 59 Resp: 9959
 Ion Ratio Lower Upper
 59 100
 57 7.7 8.0 12.0#

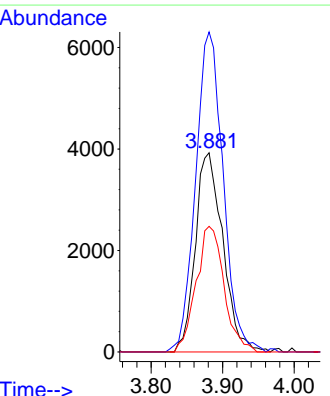
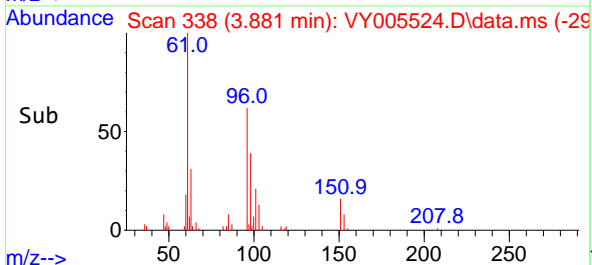
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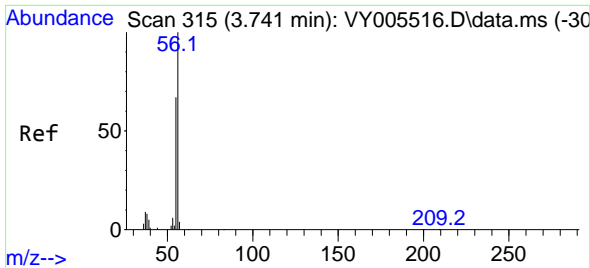


#12
 1,1-Dichloroethene
 Concen: 4.315 ug/l
 RT: 3.881 min Scan# 338
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



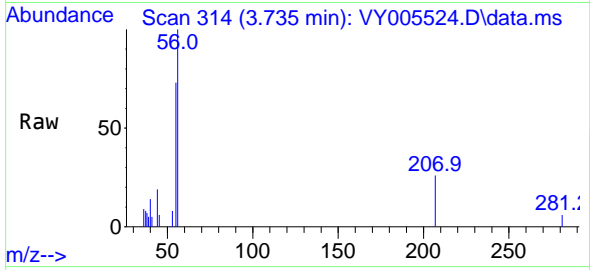
Tgt Ion: 96 Resp: 10491
 Ion Ratio Lower Upper
 96 100
 61 159.2 128.6 192.8
 98 63.1 49.2 73.8





#13
 Acrolein
 Concen: 20.163 ug/l
 RT: 3.735 min Scan# 314
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

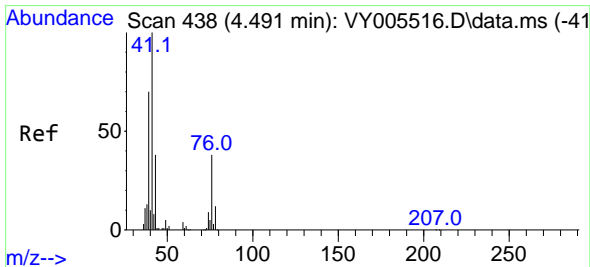
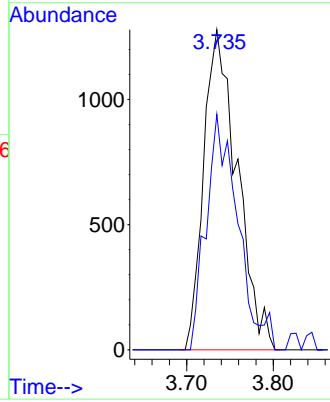
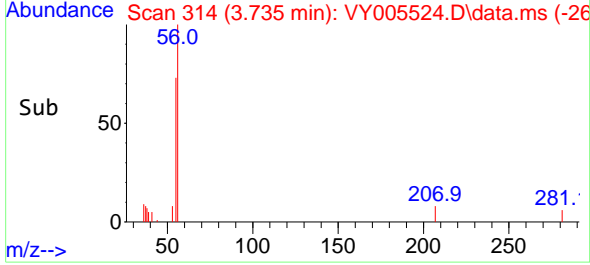
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021



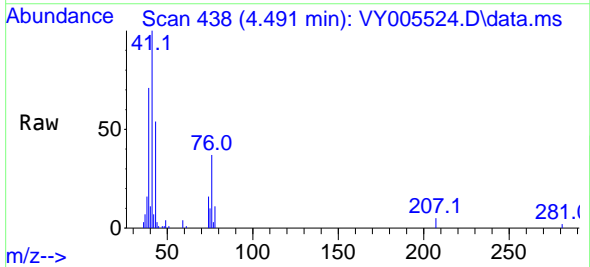
Tgt Ion: 56 Resp: 3434
 Ion Ratio Lower Upper
 56 100
 55 69.5 56.5 84.7

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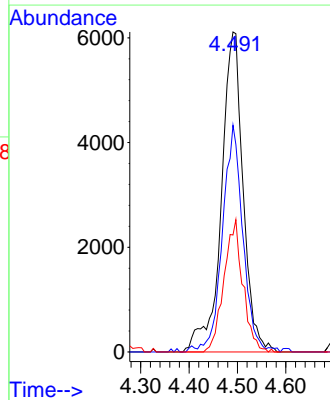
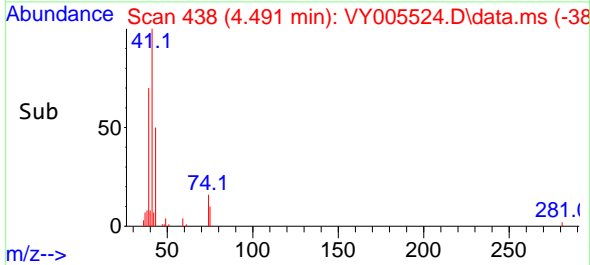
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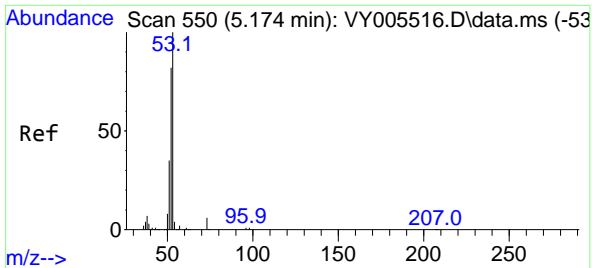


#14
 Allyl chloride
 Concen: 4.499 ug/l
 RT: 4.491 min Scan# 438
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



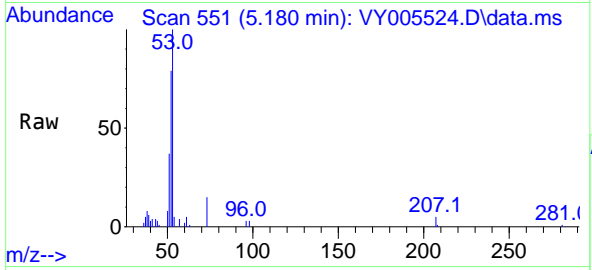
Tgt Ion: 41 Resp: 19159
 Ion Ratio Lower Upper
 41 100
 39 62.9 53.7 80.5
 76 36.0 28.7 43.1





#15
 Acrylonitrile
 Concen: 22.376 ug/l
 RT: 5.180 min Scan# 551
 Delta R.T. 0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

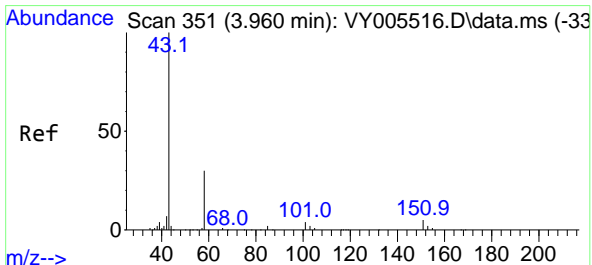
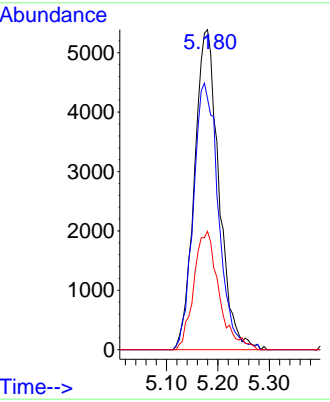
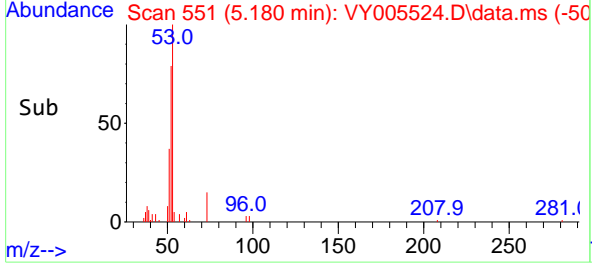
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT3-2021



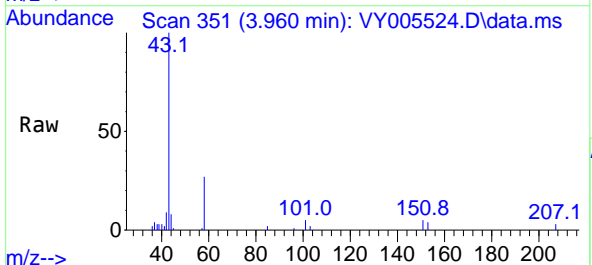
Tgt Ion: 53 Resp: 17777

Ion	Ratio	Lower	Upper
53	100		
52	85.3	66.6	99.8
51	38.2	29.9	44.9

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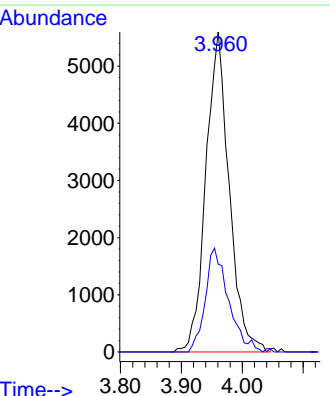
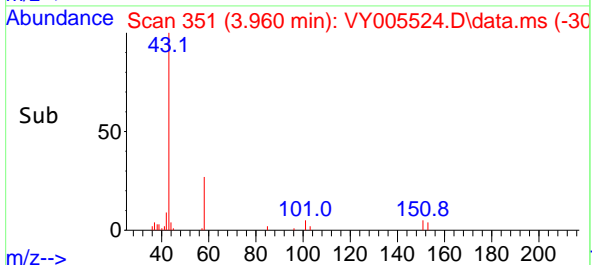


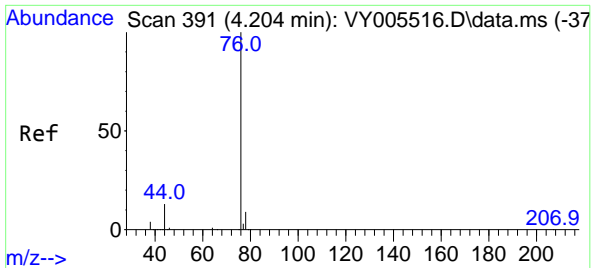
#16
 Acetone
 Concen: 20.652 ug/l
 RT: 3.960 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 43 Resp: 14868

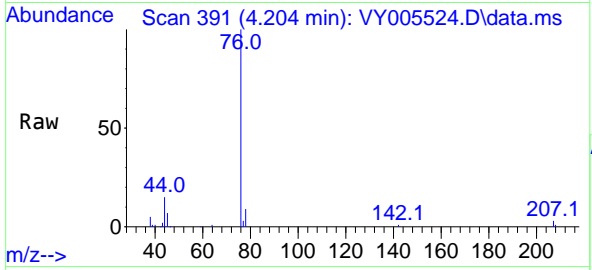
Ion	Ratio	Lower	Upper
43	100		
58	27.5	23.8	35.6





#17
 Carbon Disulfide
 Concen: 4.356 ug/l
 RT: 4.204 min Scan# 391
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

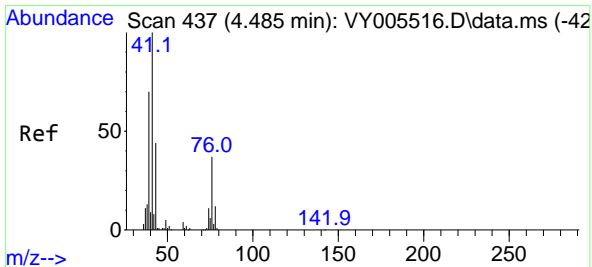
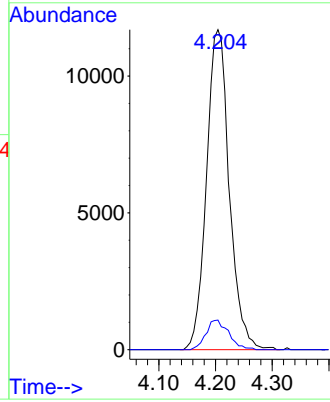
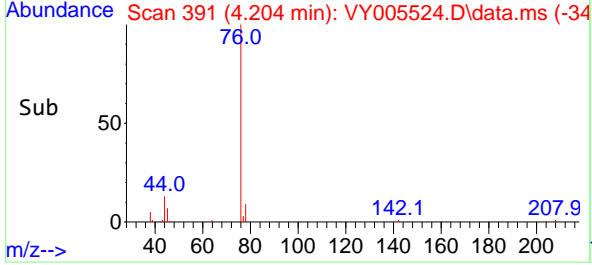
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT3-2021



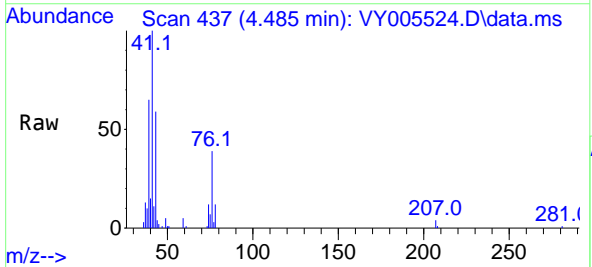
Tgt Ion: 76 Resp: 32645
 Ion Ratio Lower Upper
 76 100
 78 9.2 7.0 10.6

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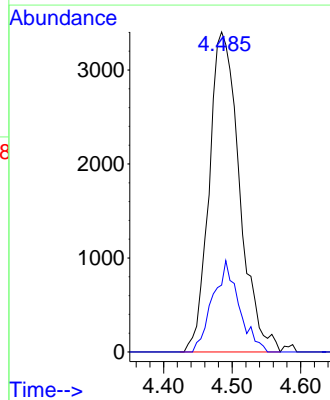
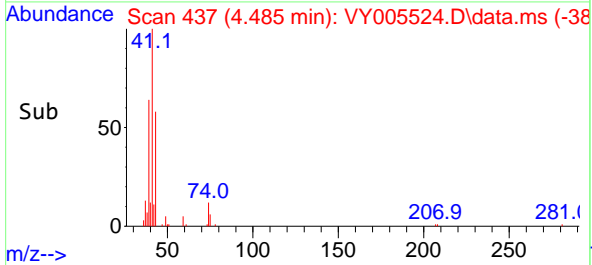
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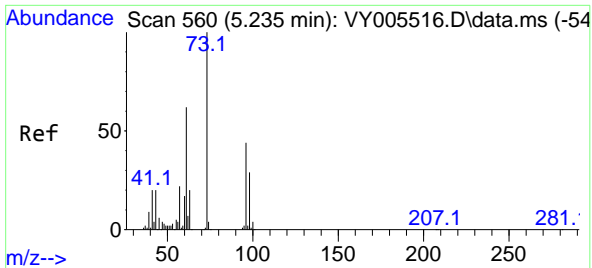


#18
 Methyl Acetate
 Concen: 5.562 ug/l
 RT: 4.485 min Scan# 437
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



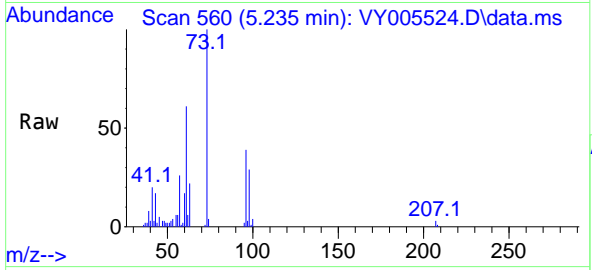
Tgt Ion: 43 Resp: 10472
 Ion Ratio Lower Upper
 43 100
 74 24.7 19.0 28.6





#19
 Methyl tert-butyl Ether
 Concen: 4.399 ug/l
 RT: 5.235 min Scan# 560
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

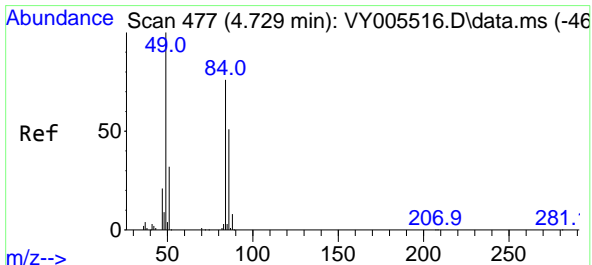
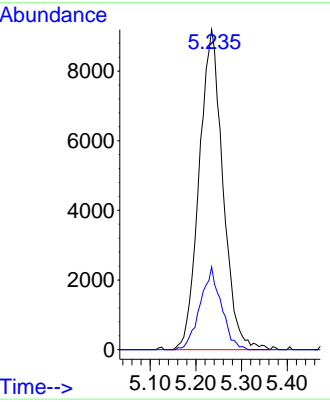
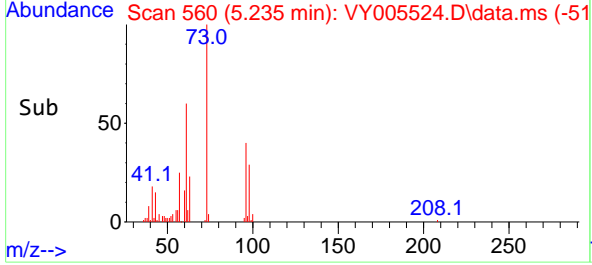
Instrument :
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ClientSampled :
 MDL-SOIL-03-QT3-2021



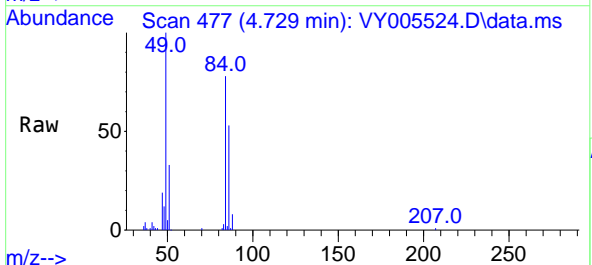
Tgt Ion: 73 Resp: 33131

Ion	Ratio	Lower	Upper
73	100		
57	25.9	17.7	26.5

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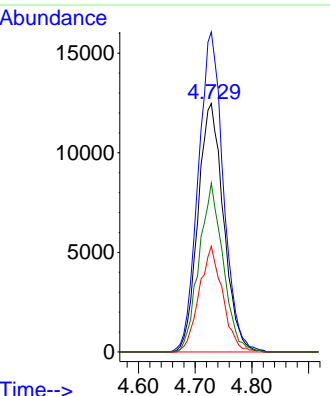
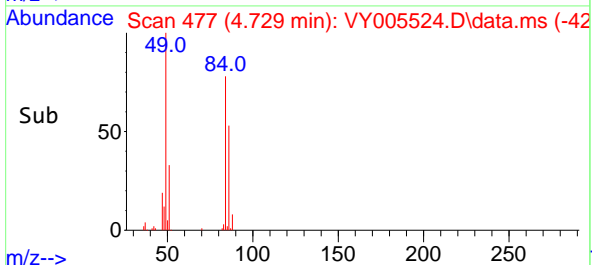


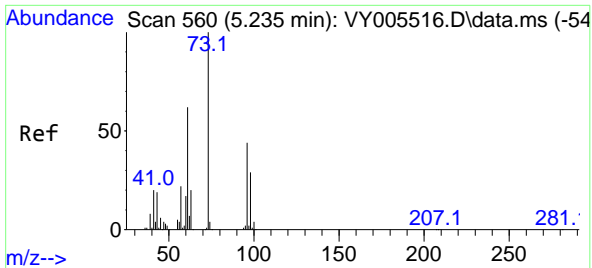
#20
 Methylene Chloride
 Concen: 10.790 ug/l
 RT: 4.729 min Scan# 477
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 84 Resp: 39014

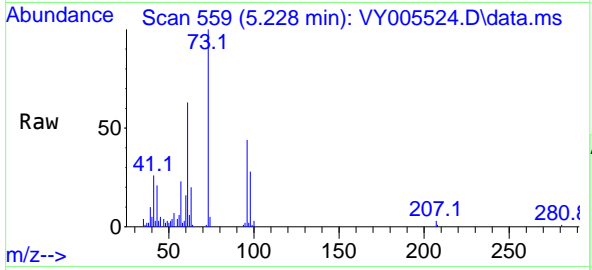
Ion	Ratio	Lower	Upper
84	100		
49	128.8	105.8	158.6
51	42.5	33.4	50.2
86	68.0	54.2	81.4





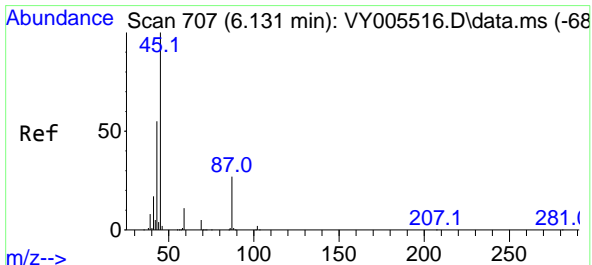
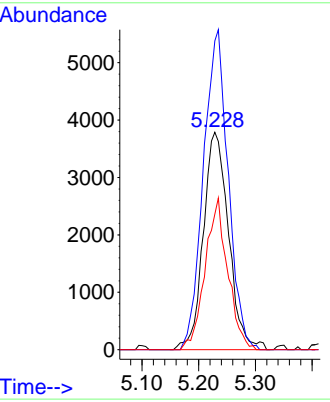
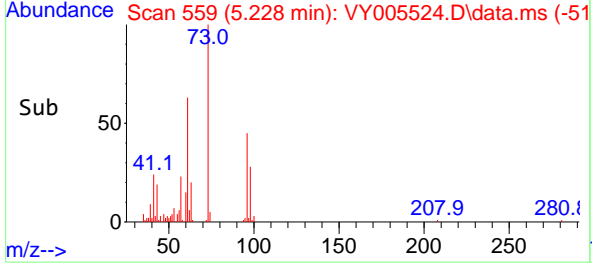
#21
 trans-1,2-Dichloroethene
 Concen: 4.310 ug/l
 RT: 5.228 min Scan# 559
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
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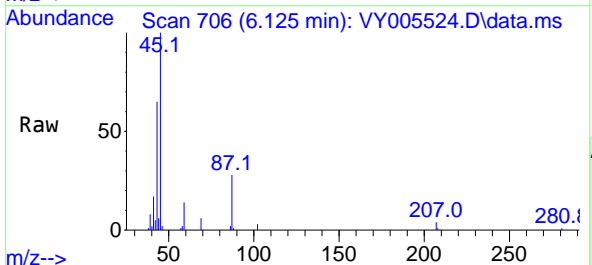


Tgt Ion: 96 Resp: 11714
 Ion Ratio Lower Upper
 96 100
 61 142.0 112.6 168.8
 98 62.3 52.2 78.4

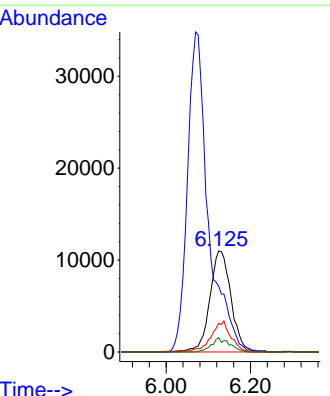
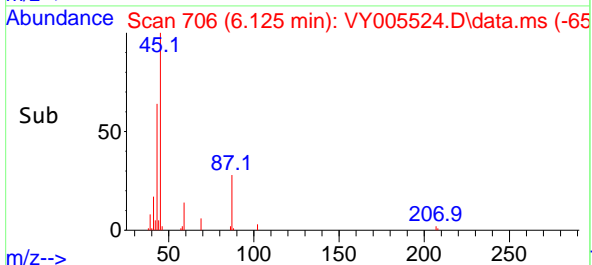
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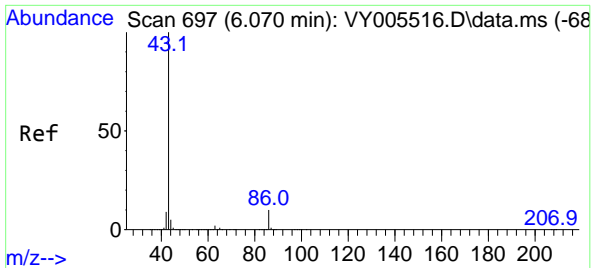


#22
 Diisopropyl ether
 Concen: 4.352 ug/l
 RT: 6.125 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



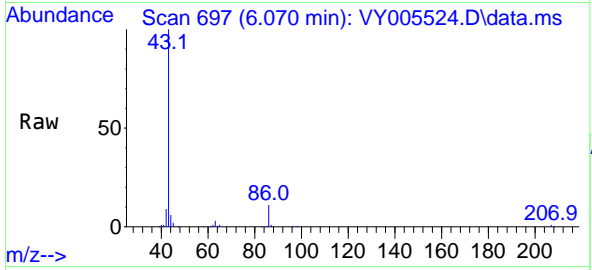
Tgt Ion: 45 Resp: 38229
 Ion Ratio Lower Upper
 45 100
 43 65.3 44.2 66.2
 87 28.3 21.6 32.4
 59 14.2 8.9 13.3#





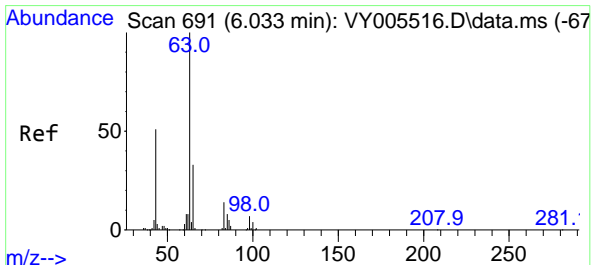
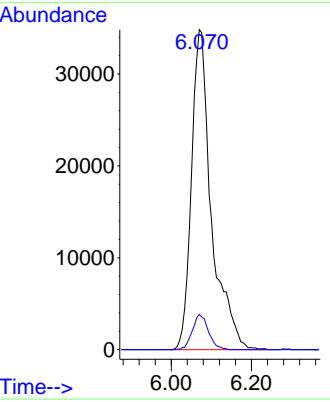
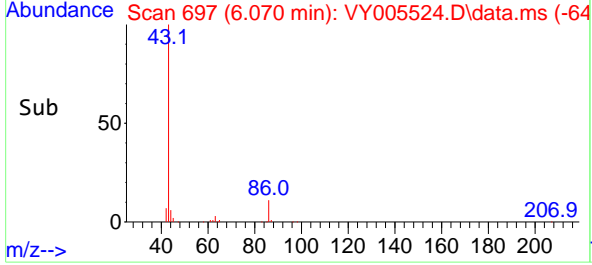
#23
 Vinyl Acetate
 Concen: 20.558 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
 MDL-SOIL-03-QT3-2021

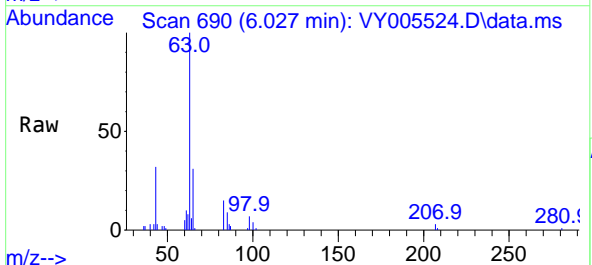


Tgt Ion: 43 Resp: 120180
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6

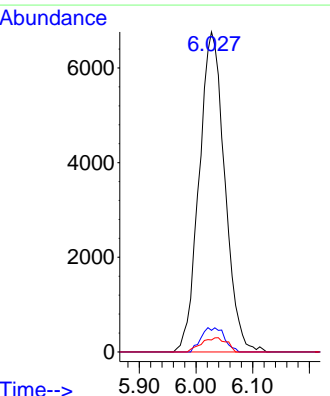
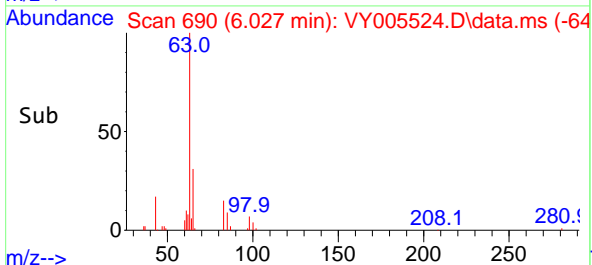
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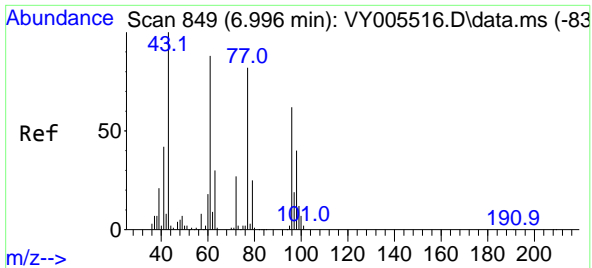


#24
 1,1-Dichloroethane
 Concen: 4.360 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



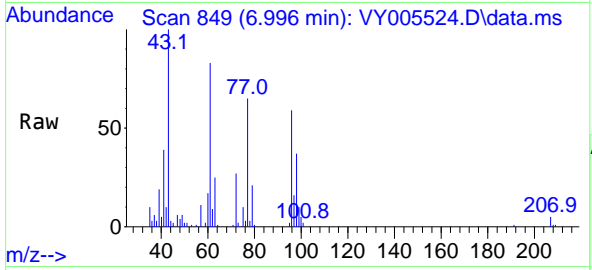
Tgt Ion: 63 Resp: 21225
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 3.7 2.1 6.5





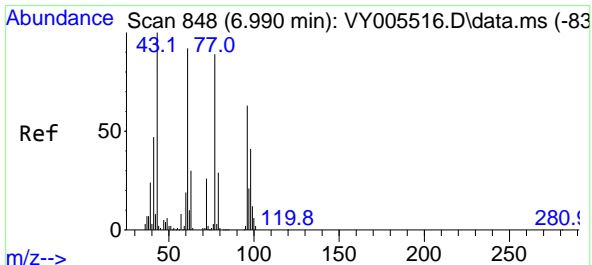
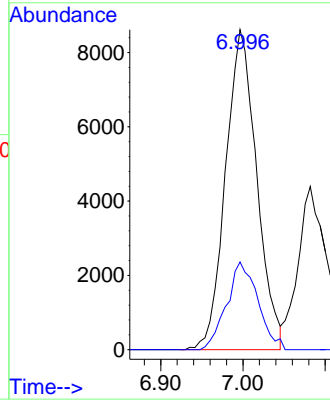
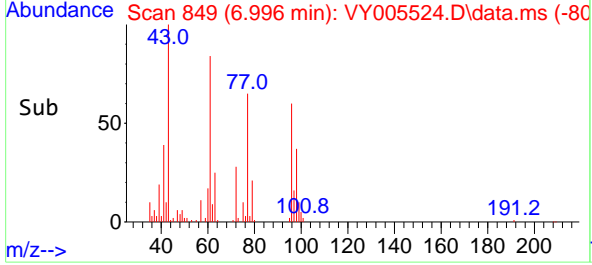
#25
 2-Butanone
 Concen: 21.329 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
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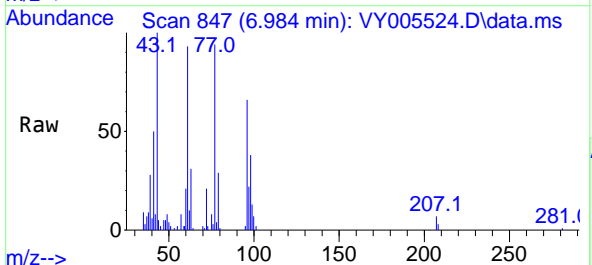


Tgt Ion: 43 Resp: 22699
 Ion Ratio Lower Upper
 43 100
 72 27.4 21.4 32.2

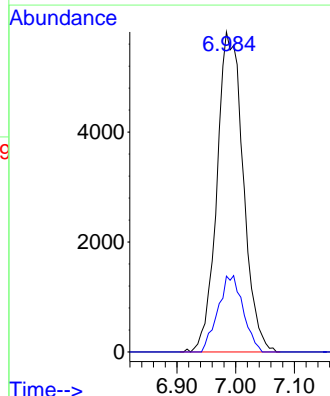
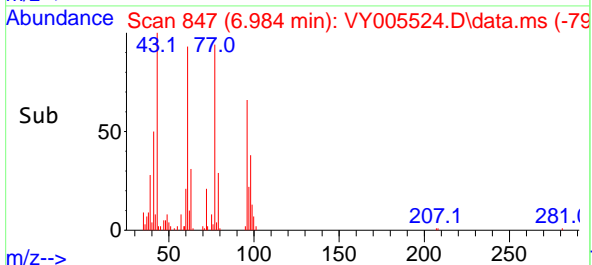
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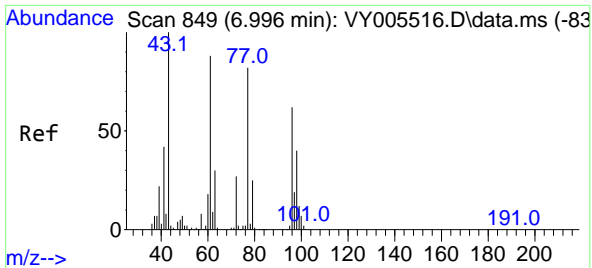


#26
 2,2-Dichloropropane
 Concen: 4.056 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY005524.D
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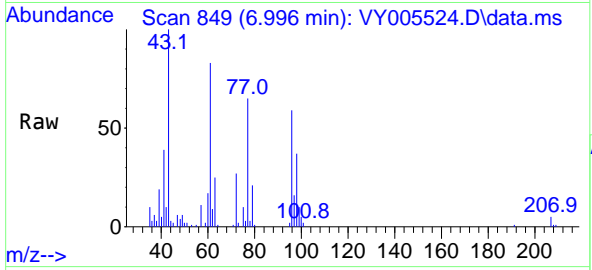
Tgt Ion: 77 Resp: 18039
 Ion Ratio Lower Upper
 77 100
 97 22.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.485 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

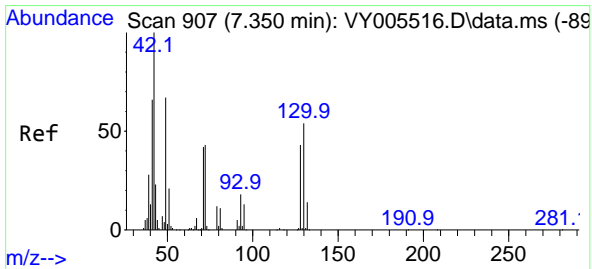
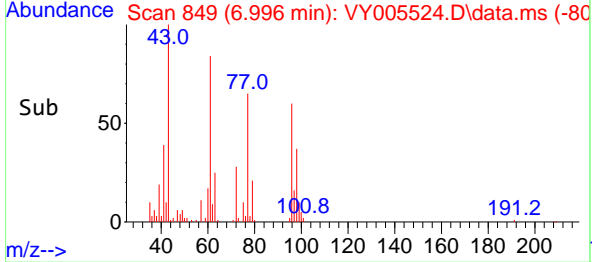
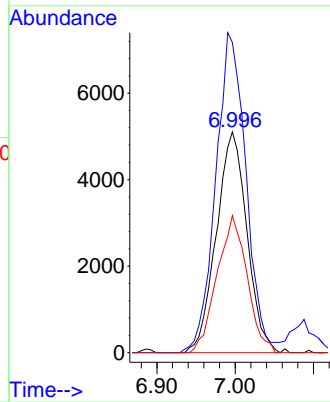
Instrument :
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 ClientSampleId :
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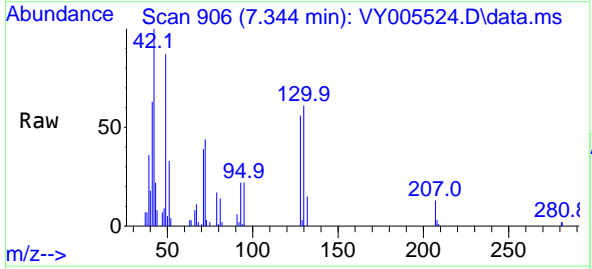
Tgt Ion: 96 Resp: 13865

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	290.0
98	61.0	0.0	128.0

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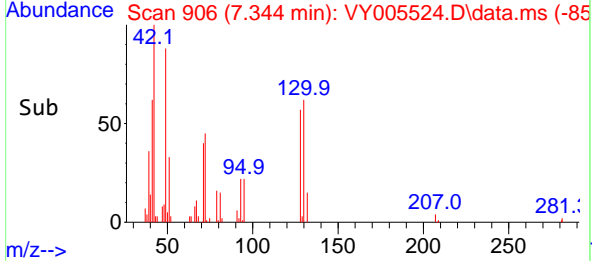
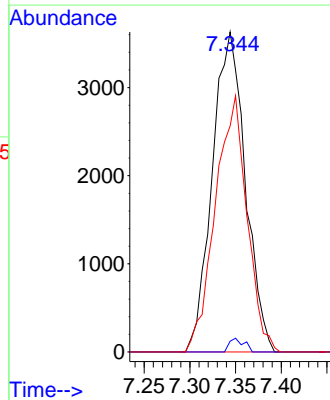


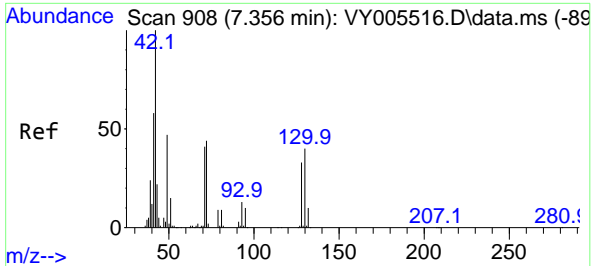
#28
 Bromochloromethane
 Concen: 4.697 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 49 Resp: 9127

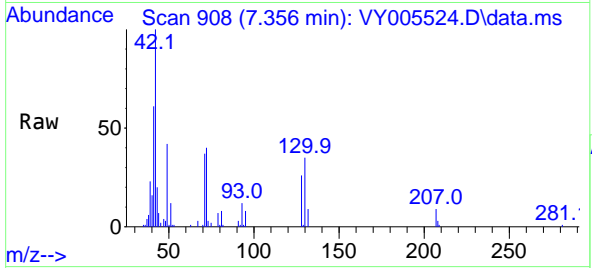
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	76.8	64.0	96.0





#29
 Tetrahydrofuran
 Concen: 22.374 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

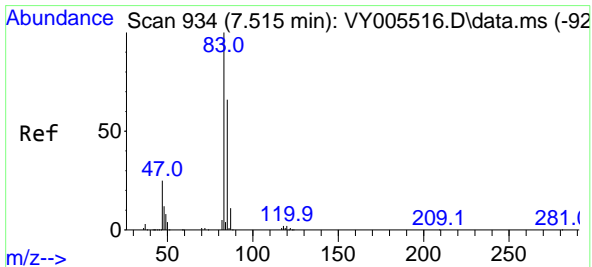
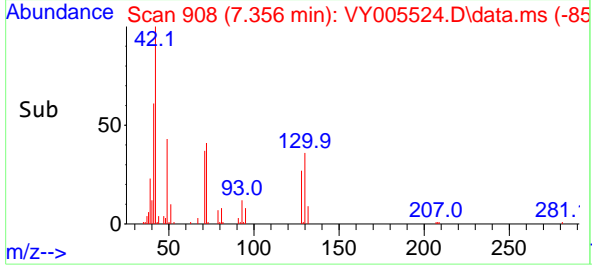
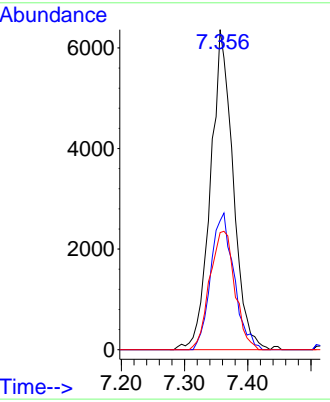
Instrument :
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ClientSampleId :
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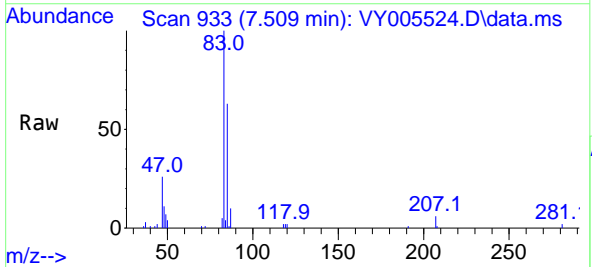
Tgt Ion: 42 Resp: 15749

Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.0	52.4
71	41.2	33.3	49.9

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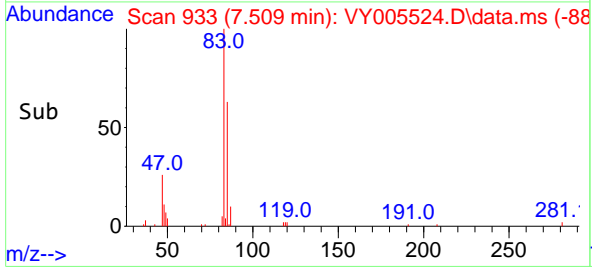
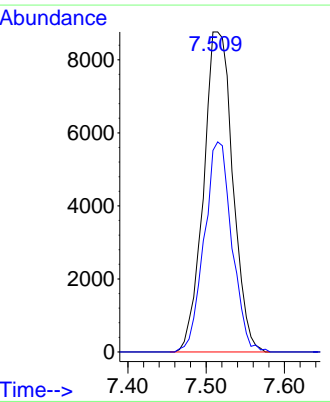


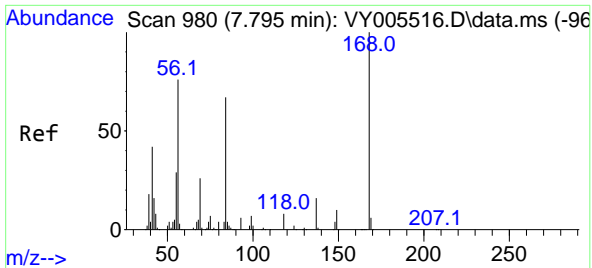
#30
 Chloroform
 Concen: 4.576 ug/l
 RT: 7.509 min Scan# 933
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 83 Resp: 22735

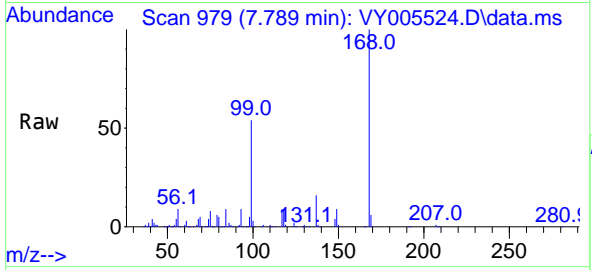
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.7	79.1





#31
 Cyclohexane
 Concen: 5.033 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

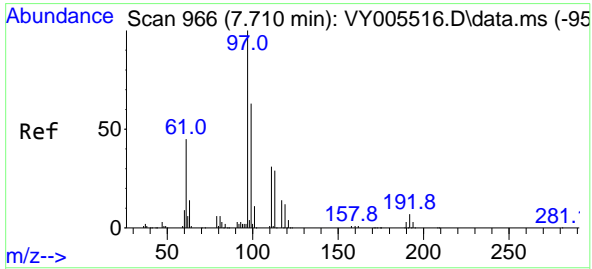
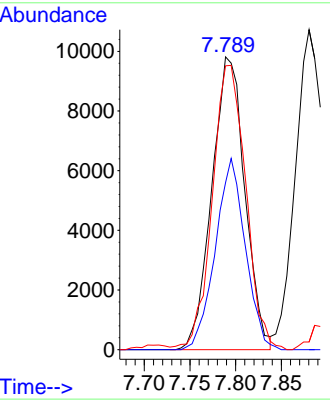
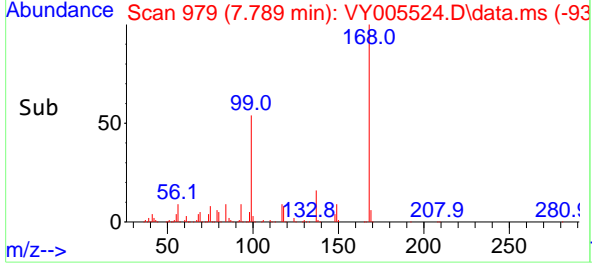
Instrument :
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ClientSampleId :
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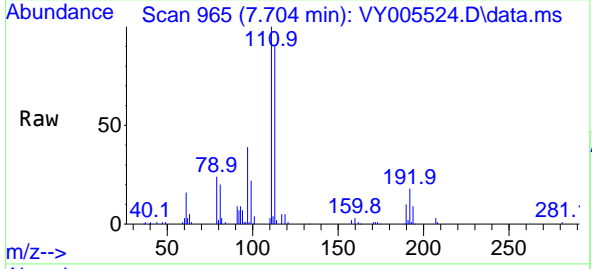
Tgt Ion: 56 Resp: 24653

Ion	Ratio	Lower	Upper
56	100		
69	57.0	27.7	41.5#
84	96.0	70.9	106.3

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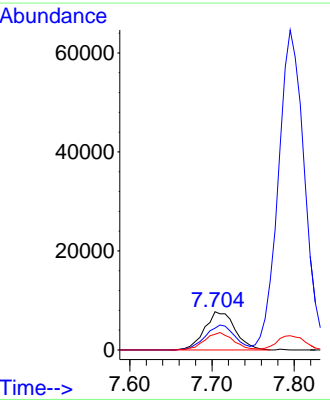
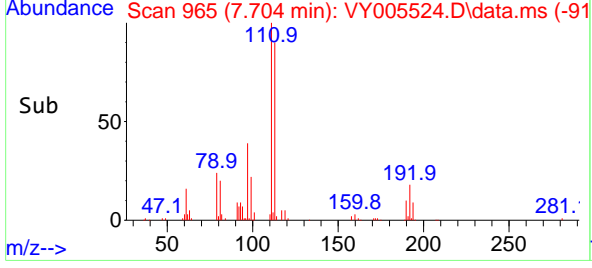


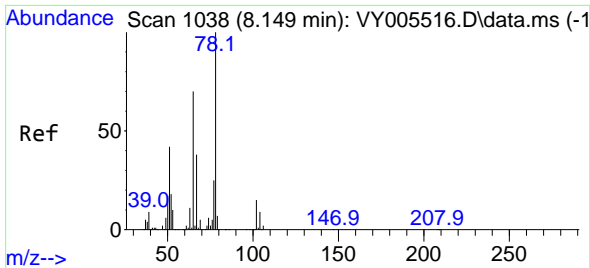
#32
 1,1,1-Trichloroethane
 Concen: 4.345 ug/l
 RT: 7.704 min Scan# 965
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



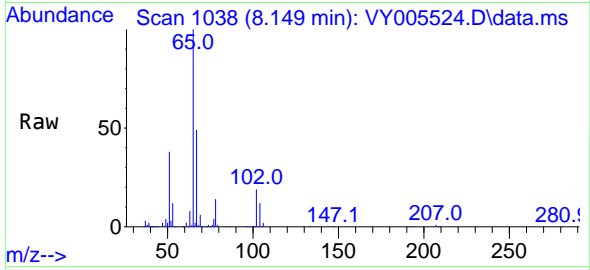
Tgt Ion: 97 Resp: 19847

Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.1	76.7
61	43.3	35.0	52.6

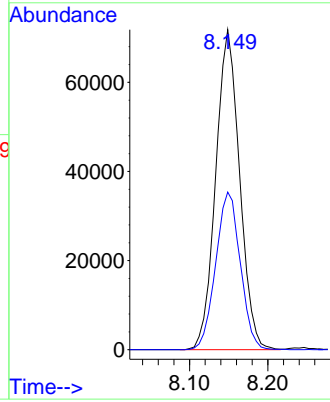
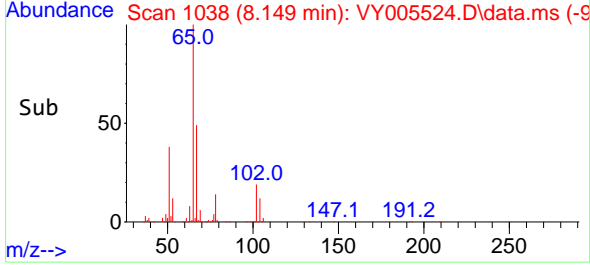




#33
 1,2-Dichloroethane-d4
 Concen: 53.308 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

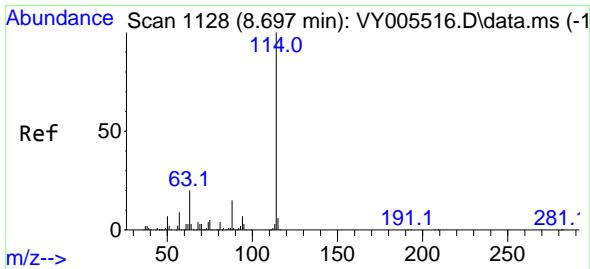


Tgt Ion: 65 Resp: 152223
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.4

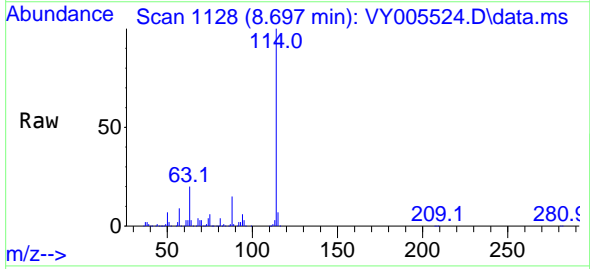


Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT3-2021

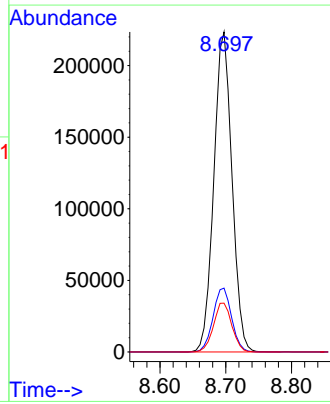
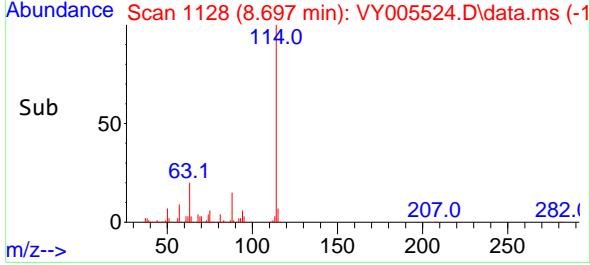
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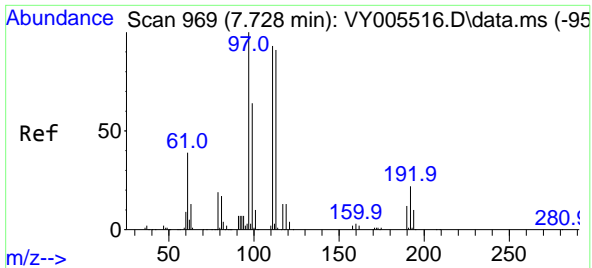


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



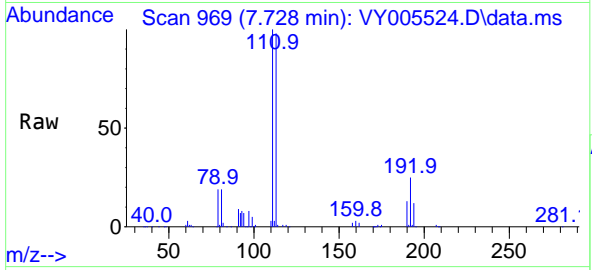
Tgt Ion: 114 Resp: 429107
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 15.3 0.0 30.8





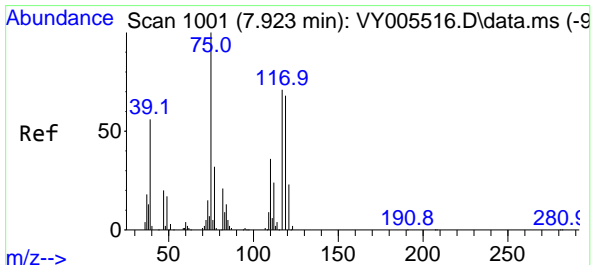
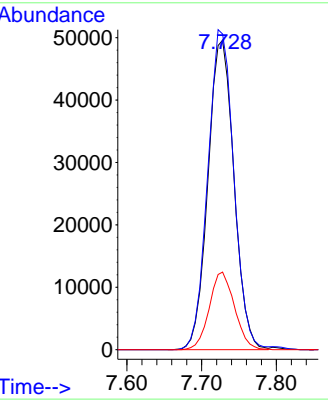
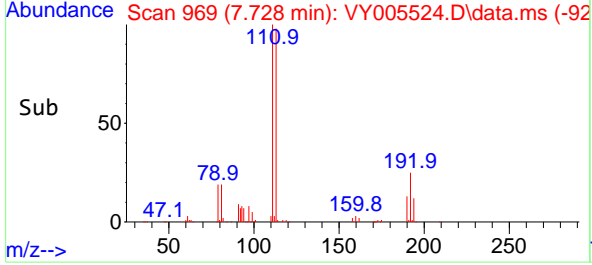
#35
 Dibromofluoromethane
 Concen: 49.988 ug/l
 RT: 7.728 min Scan# 969
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument : MSVOA_Y
 Client Sampled : MDL-SOIL-03-QT3-2021

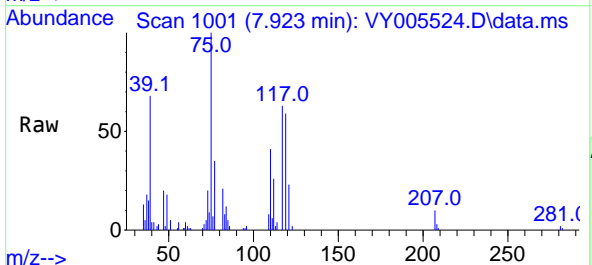


Tgt Ion: 113 Resp: 120094
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.9 122.9
 192 24.3 19.2 28.8

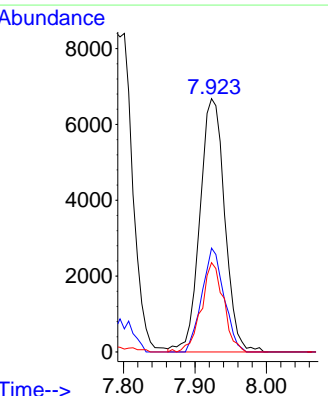
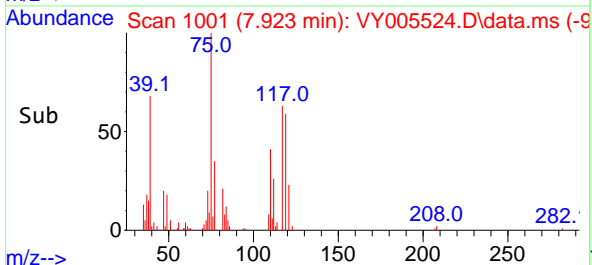
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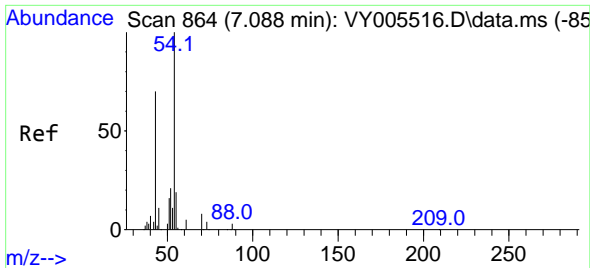


#36
 1,1-Dichloropropene
 Concen: 4.003 ug/l
 RT: 7.923 min Scan# 1001
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



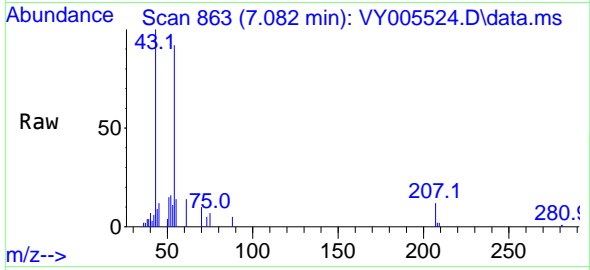
Tgt Ion: 75 Resp: 16111
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.1 54.1
 77 31.4 25.1 37.7





#37
 Ethyl Acetate
 Concen: 4.515 ug/l
 RT: 7.082 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

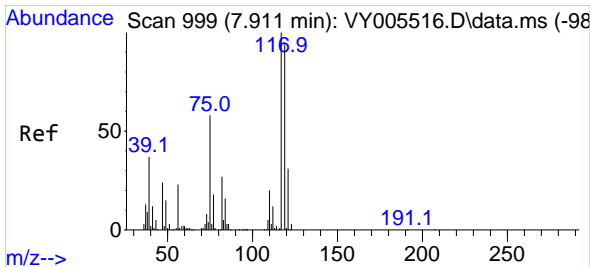
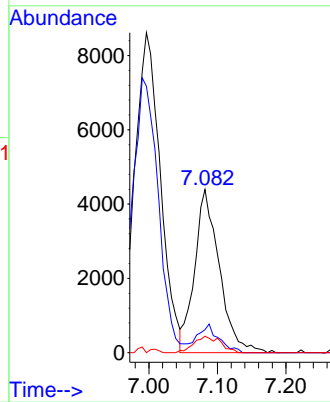
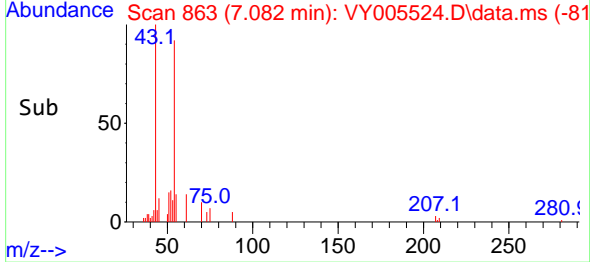
Instrument :
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ClientSampled :
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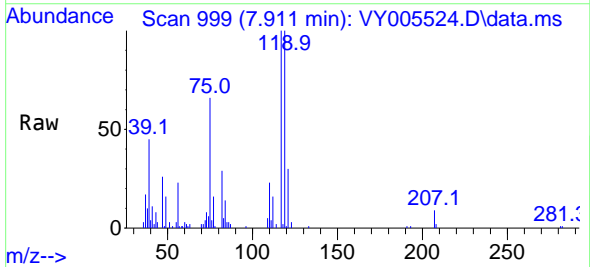
Tgt Ion: 43 Resp: 11009

Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.6	15.8
70	10.8	8.6	13.0

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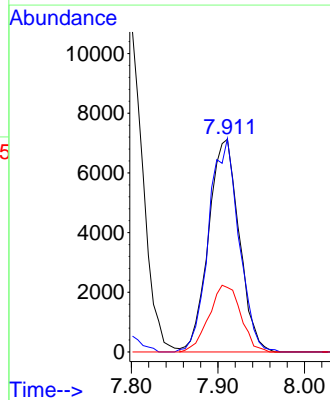
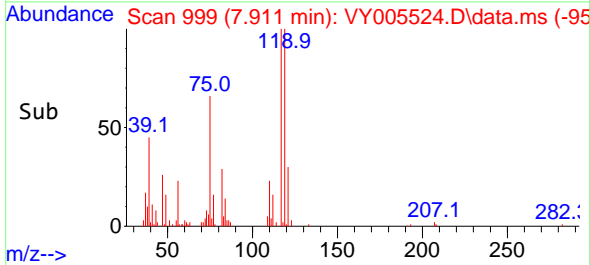


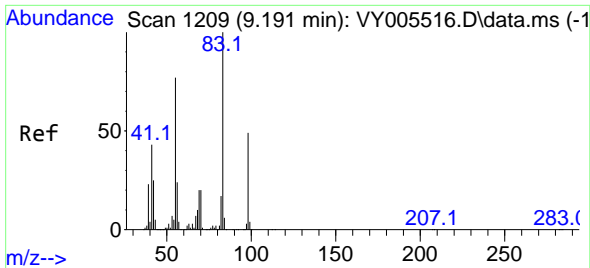
#38
 Carbon Tetrachloride
 Concen: 4.010 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 117 Resp: 17539

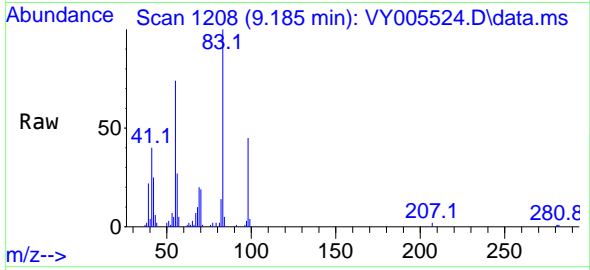
Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.4	113.0
121	30.3	25.1	37.7





#39
 Methylcyclohexane
 Concen: 4.023 ug/l
 RT: 9.185 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

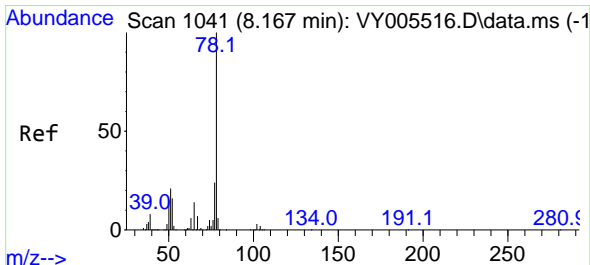
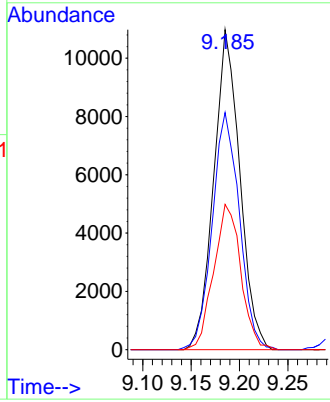
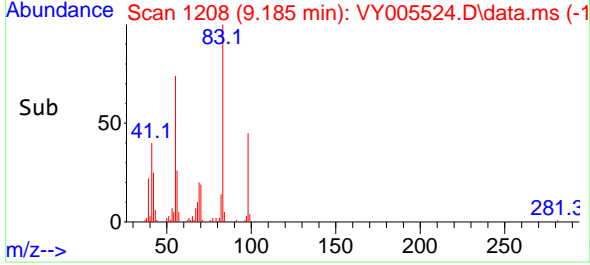
Instrument :
 MSVOA_Y
ClientSampleId :
 MDL-SOIL-03-QT3-2021



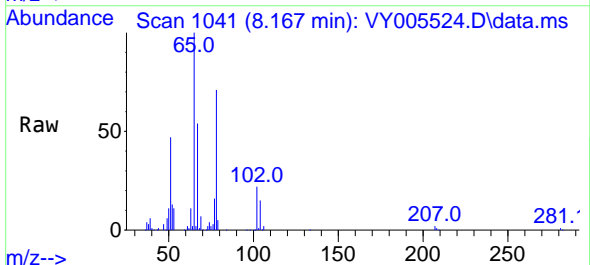
Tgt Ion: 83 Resp: 20600

Ion	Ratio	Lower	Upper
83	100		
55	74.1	61.7	92.5
98	45.4	38.9	58.3

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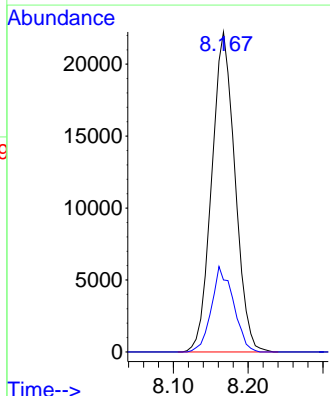
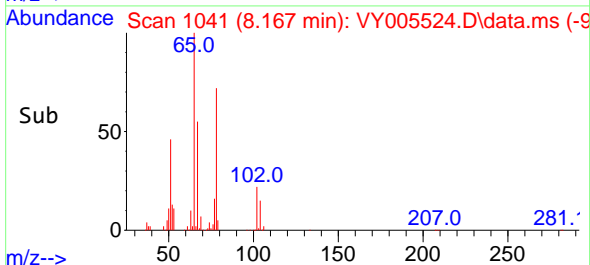


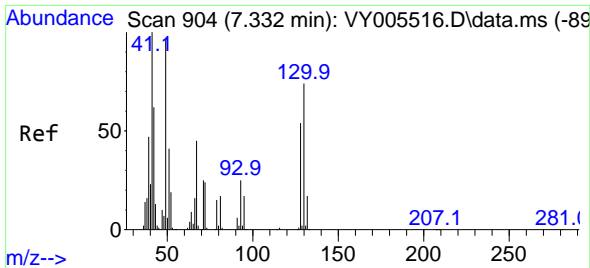
#40
 Benzene
 Concen: 4.181 ug/l
 RT: 8.167 min Scan# 1041
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 78 Resp: 48185

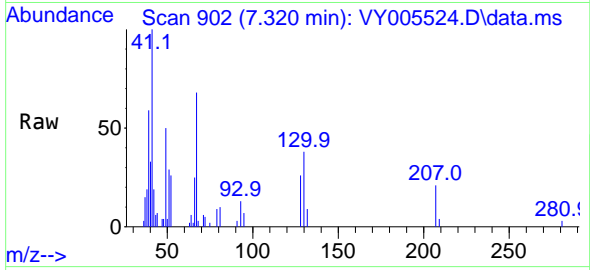
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.6	29.4





#41
Methacrylonitrile
Concen: 5.123 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

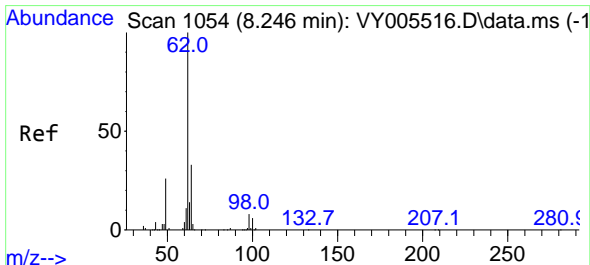
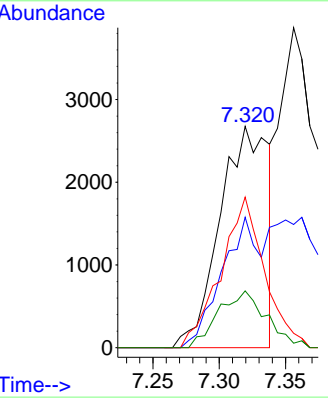
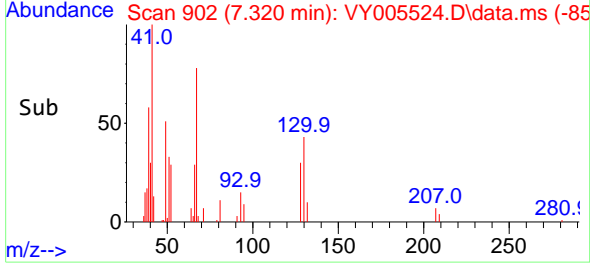
Instrument : MSVOA_Y
ClientSampled : MDL-SOIL-03-QT3-2021



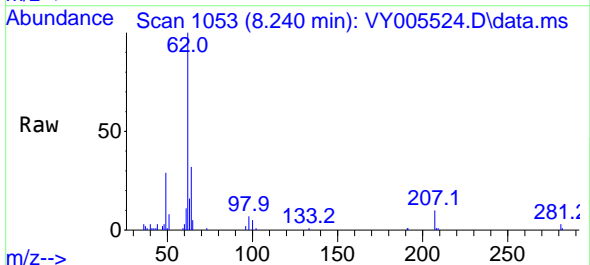
Tgt Ion: 41 Resp: 6777

Ion	Ratio	Lower	Upper
41	100		
39	45.6	0.0	0.0#
67	61.6	0.0	0.0#
52	25.5	0.0	0.0#

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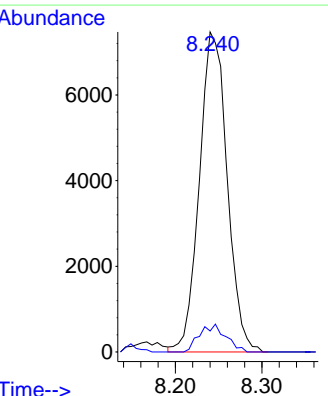
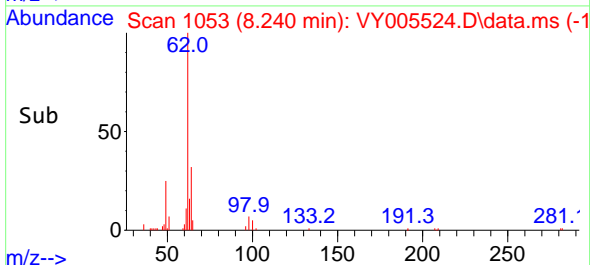


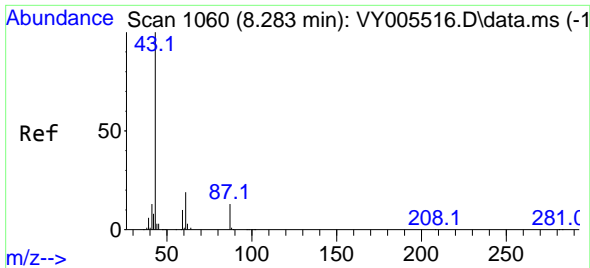
#42
1,2-Dichloroethane
Concen: 4.457 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19



Tgt Ion: 62 Resp: 16662

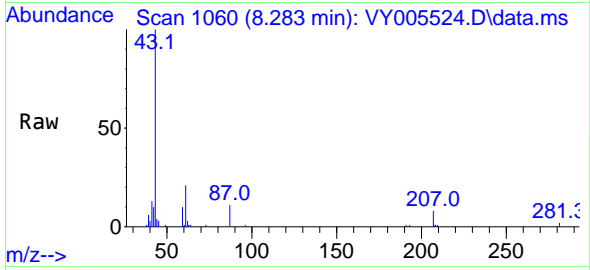
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.4





#43
 Isopropyl Acetate
 Concen: 4.251 ug/l
 RT: 8.283 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

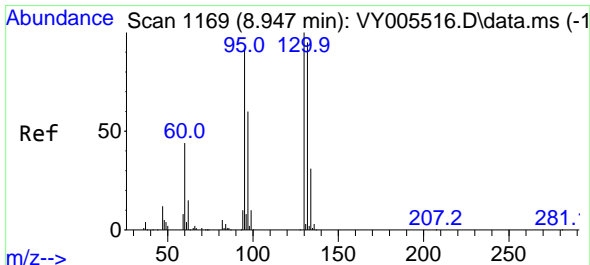
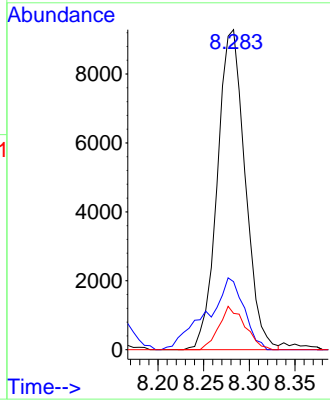
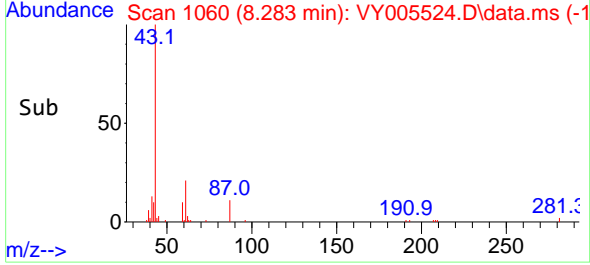
Instrument : MSVOA_Y
 ClientSampled : MDL-SOIL-03-QT3-2021



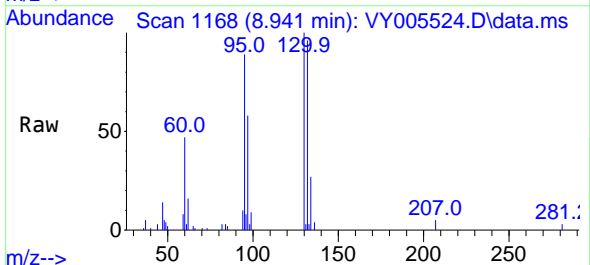
Tgt Ion: 43 Resp: 19625

Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.0	34.6
87	12.7	10.6	16.0

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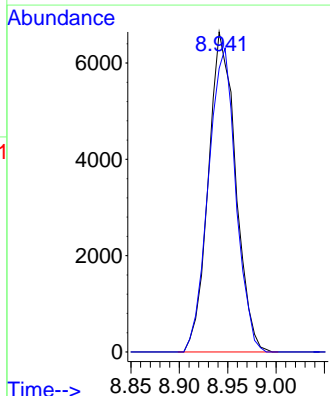
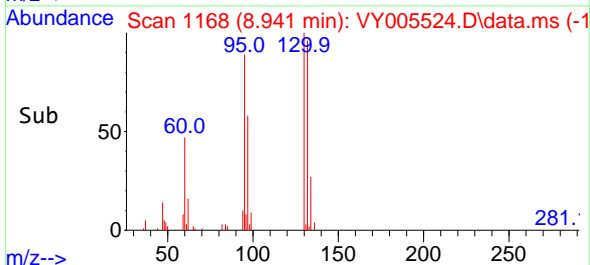


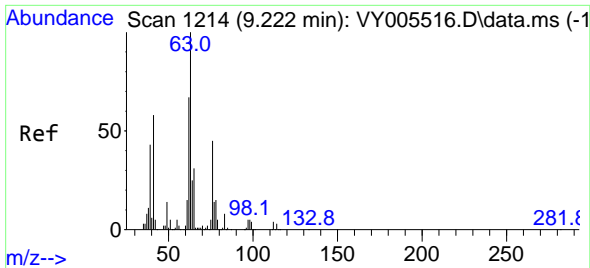
#44
 Trichloroethene
 Concen: 4.146 ug/l
 RT: 8.941 min Scan# 1168
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 130 Resp: 13042

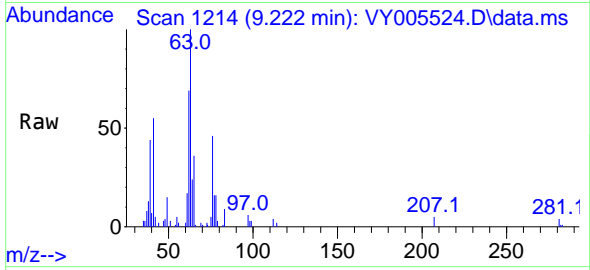
Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	185.0





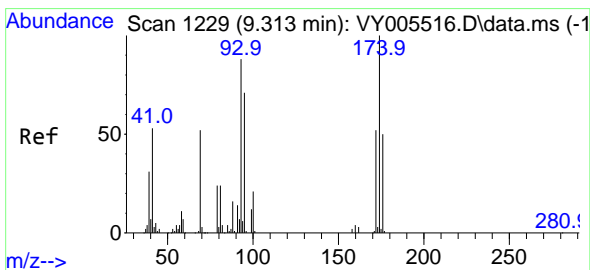
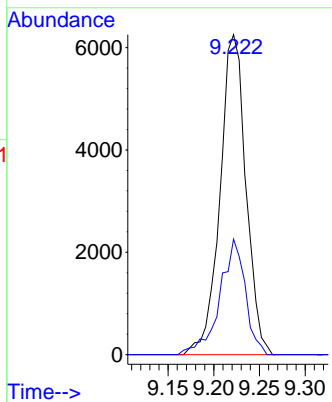
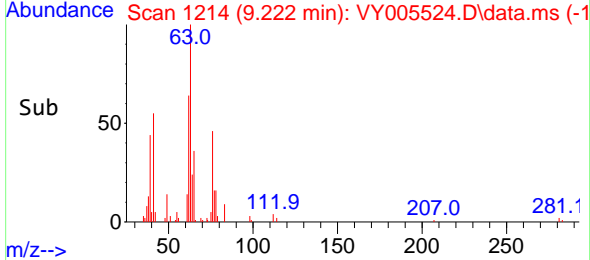
#45
 1,2-Dichloropropane
 Concen: 4.287 ug/l
 RT: 9.222 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT3-2021

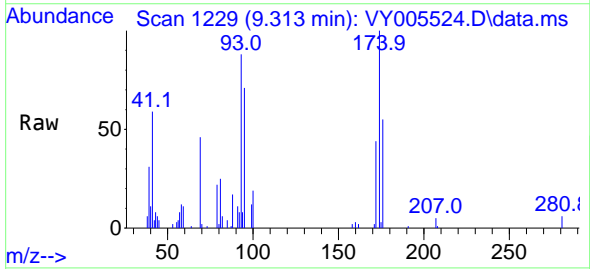


Tgt Ion: 63 Resp: 12362
 Ion Ratio Lower Upper
 63 100
 65 36.1 24.9 37.3

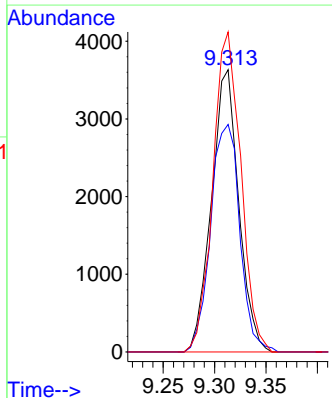
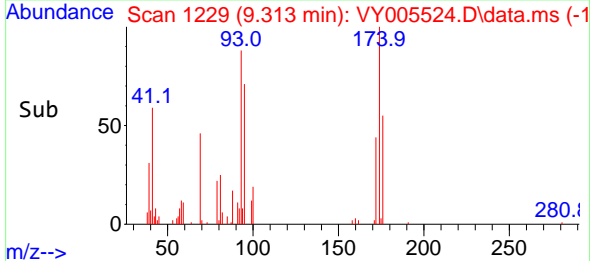
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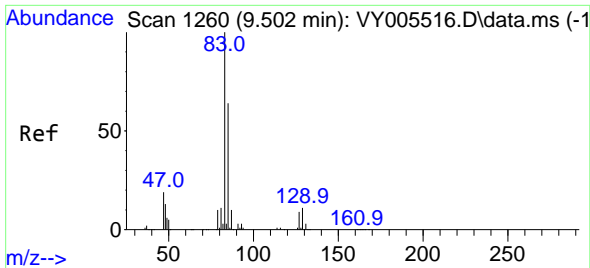


#46
 Dibromomethane
 Concen: 4.201 ug/l
 RT: 9.313 min Scan# 1229
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



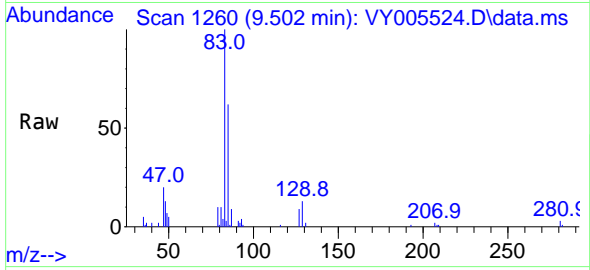
Tgt Ion: 93 Resp: 6697
 Ion Ratio Lower Upper
 93 100
 95 86.2 66.5 99.7
 174 116.1 93.8 140.6





#47
 Bromodichloromethane
 Concen: 4.244 ug/l
 RT: 9.502 min Scan# 1260
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

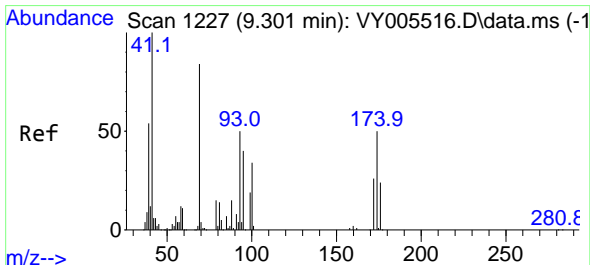
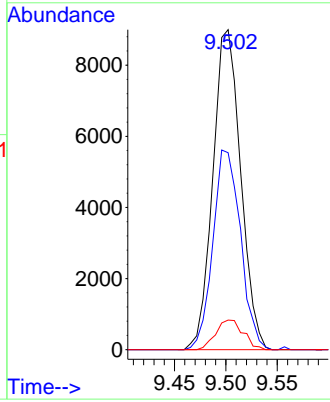
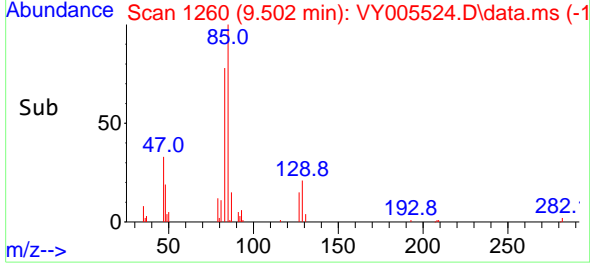
Instrument : MSVOA_Y
 Client Sampled : MDL-SOIL-03-QT3-2021



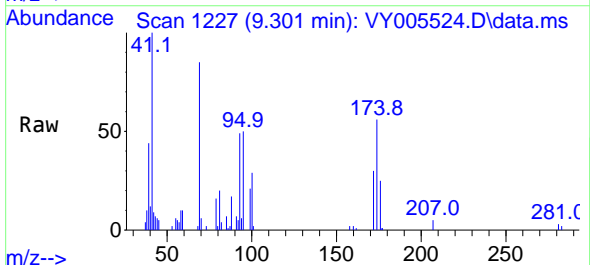
Tgt Ion: 83 Resp: 16935

Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.0	76.4
127	9.2	7.0	10.4

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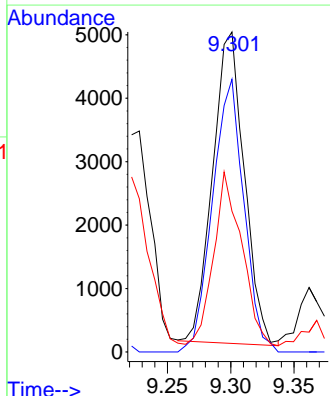
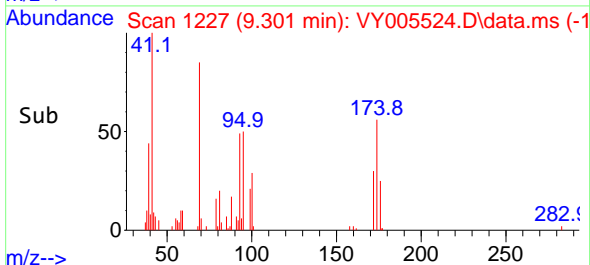


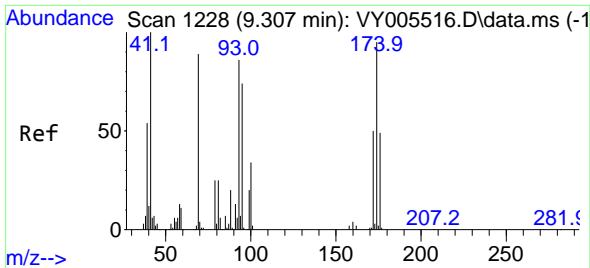
#48
 Methyl methacrylate
 Concen: 4.090 ug/l
 RT: 9.301 min Scan# 1227
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 41 Resp: 8532

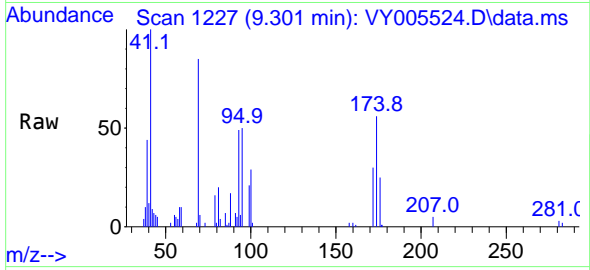
Ion	Ratio	Lower	Upper
41	100		
69	86.9	69.0	103.4
39	50.9	46.0	69.0





#49
 1,4-Dioxane
 Concen: 79.522 ug/l
 RT: 9.301 min Scan# 1227
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

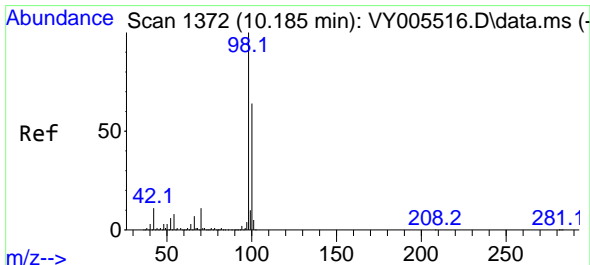
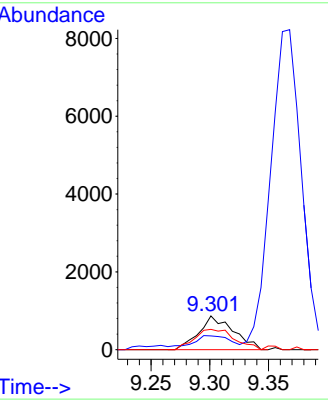
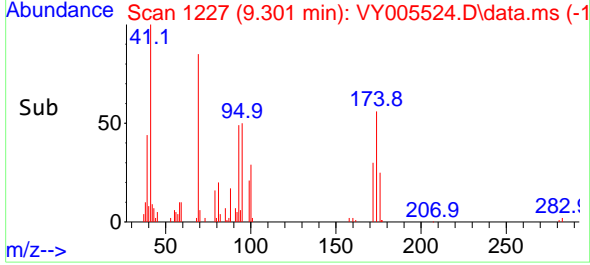
Instrument :
 MSVOA_Y
ClientSampleId :
 MDL-SOIL-03-QT3-2021



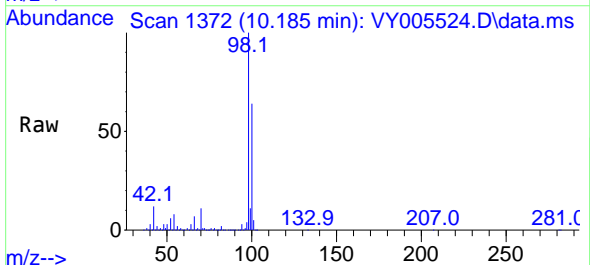
Tgt Ion: 88 Resp: 1762

Ion	Ratio	Lower	Upper
88	100		
43	28.9	27.0	40.4
58	70.0	53.8	80.8

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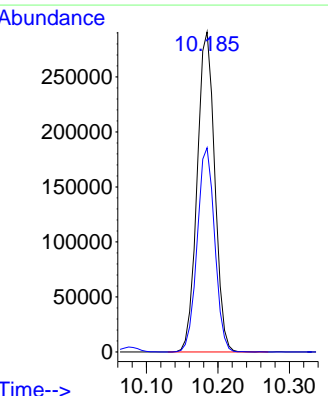
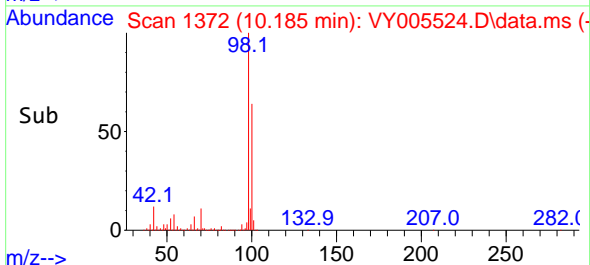


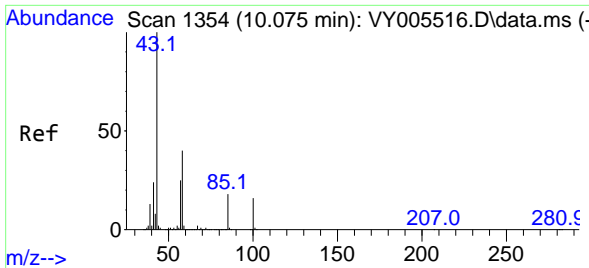
#50
 Toluene-d8
 Concen: 49.199 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 98 Resp: 495723

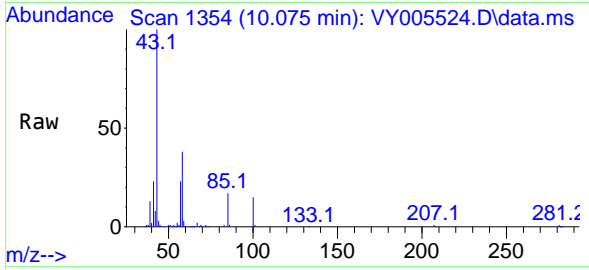
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.3	76.9





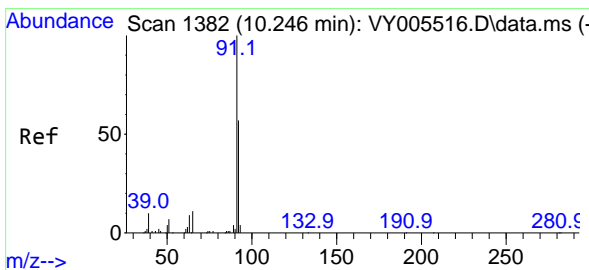
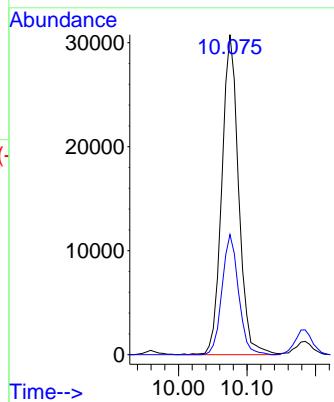
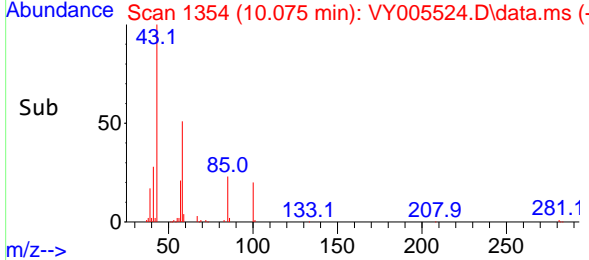
#51
 4-Methyl-2-Pentanone
 Concen: 21.497 ug/l
 RT: 10.075 min Scan# 1354
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
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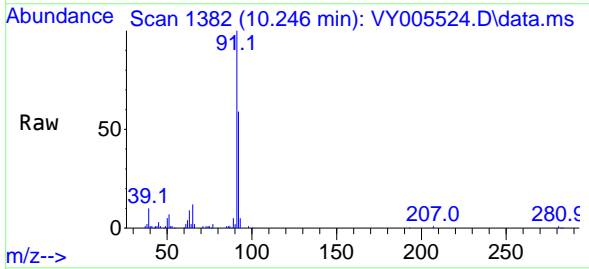


Tgt Ion: 43 Resp: 52260
 Ion Ratio Lower Upper
 43 100
 58 36.8 31.4 47.2

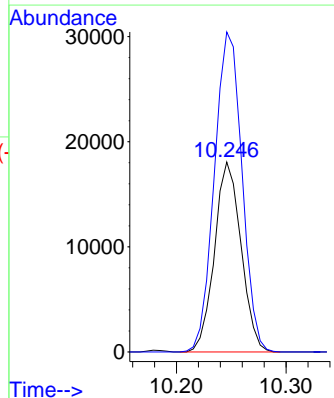
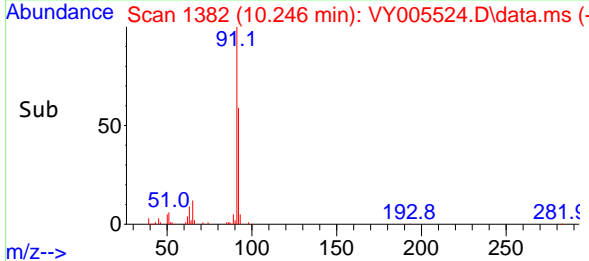
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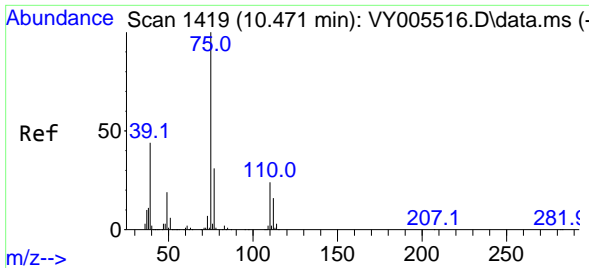


#52
 Toluene
 Concen: 4.137 ug/l
 RT: 10.246 min Scan# 1382
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 92 Resp: 30402
 Ion Ratio Lower Upper
 92 100
 91 175.1 139.6 209.4



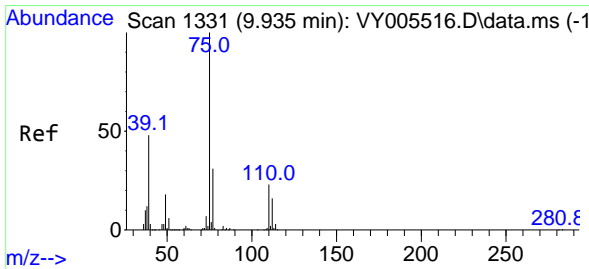
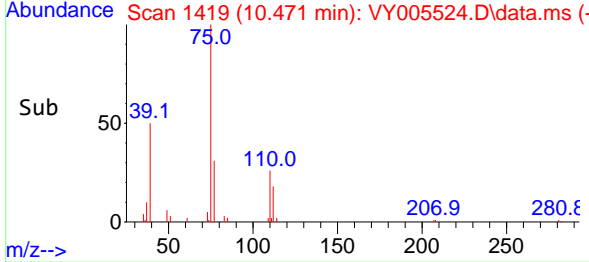
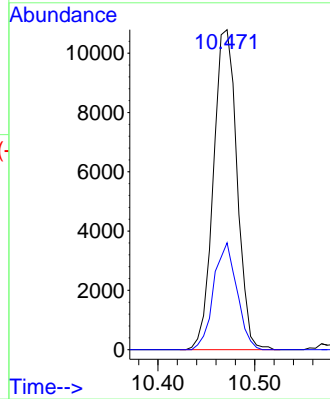
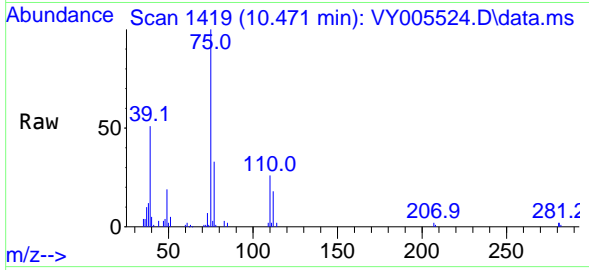


#53
 t-1,3-Dichloropropene
 Concen: 4.097 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Tgt Ion: 75 Resp: 18268
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.5 36.7

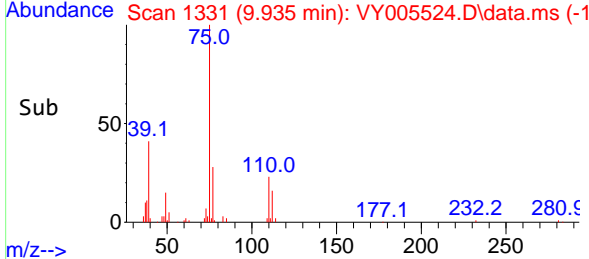
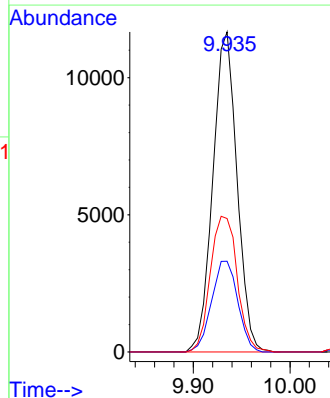
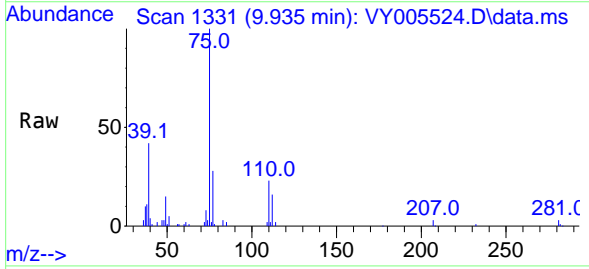
Instrument :
 MSVOA_Y
ClientSampled :
 MDL-SOIL-03-QT3-2021

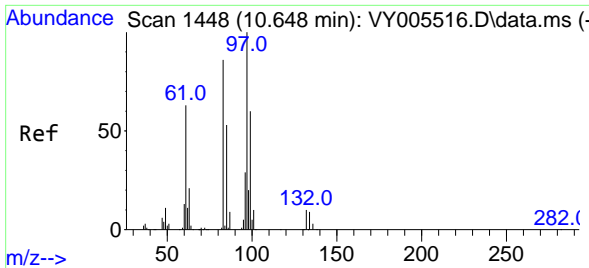
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#54
 cis-1,3-Dichloropropene
 Concen: 4.176 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

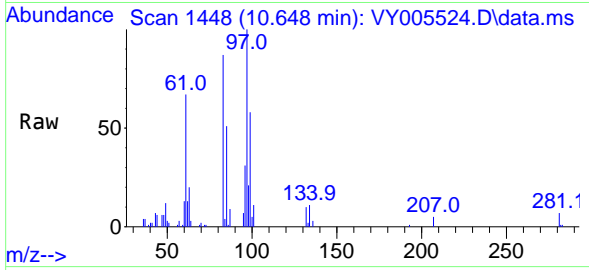
Tgt Ion: 75 Resp: 20207
 Ion Ratio Lower Upper
 75 100
 77 28.3 24.6 36.8
 39 41.7 38.1 57.1





#55
 1,1,2-Trichloroethane
 Concen: 4.119 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

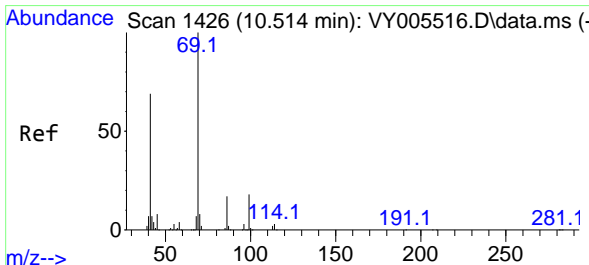
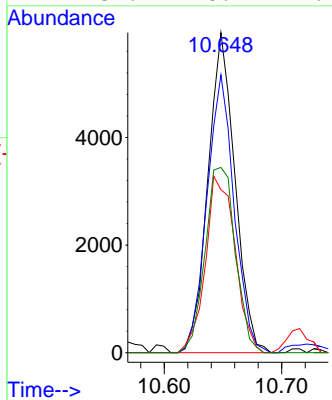
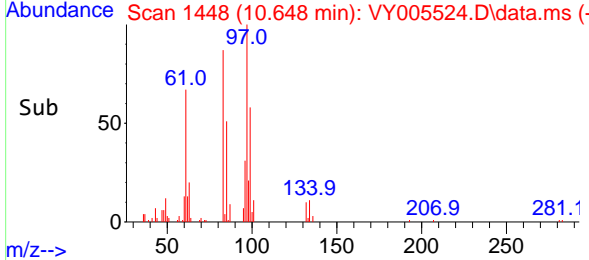
Instrument :
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ClientSampled :
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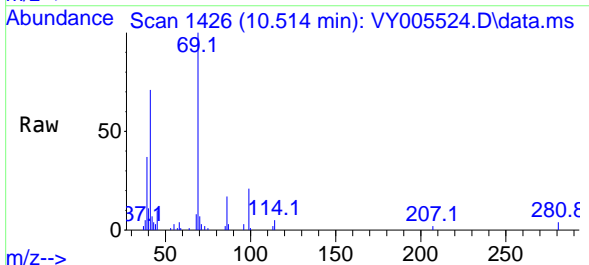
Tgt Ion: 97 Resp: 9502

Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.7	103.1
85	51.0	42.4	63.6
99	57.9	48.2	72.2

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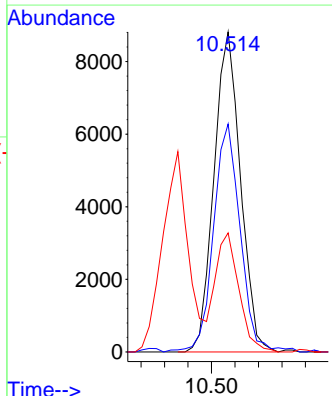
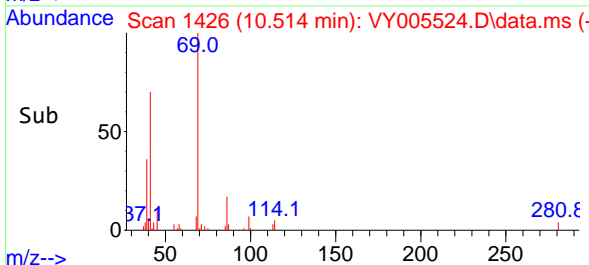


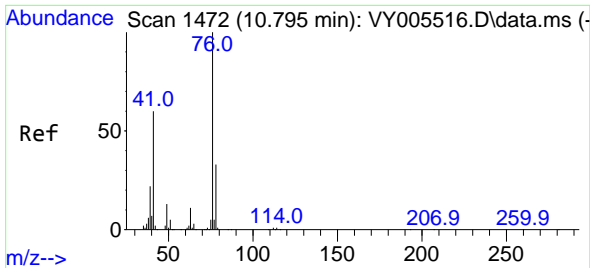
#56
 Ethyl methacrylate
 Concen: 3.993 ug/l
 RT: 10.514 min Scan# 1426
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 69 Resp: 13792

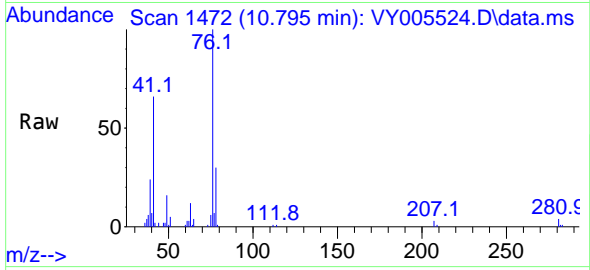
Ion	Ratio	Lower	Upper
69	100		
41	71.9	53.9	80.9
39	32.9	27.0	40.4





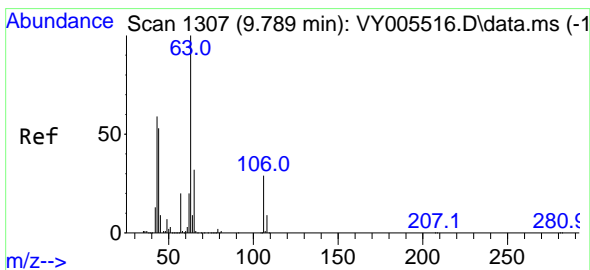
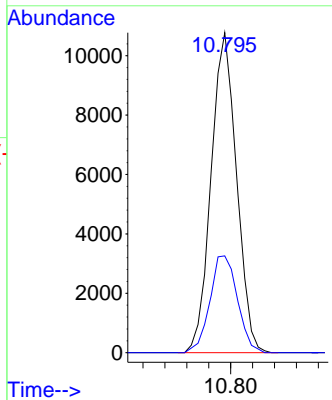
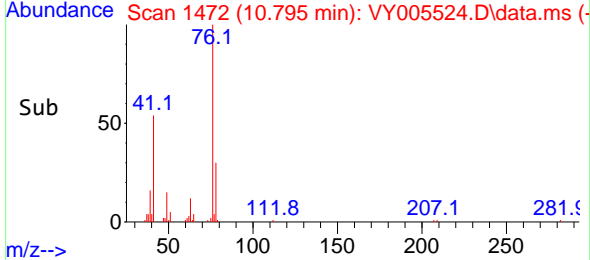
#57
 1,3-Dichloropropane
 Concen: 4.272 ug/l
 RT: 10.795 min Scan# 1472
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
 MDL-SOIL-03-QT3-2021

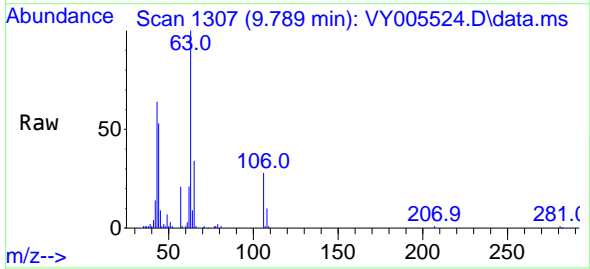


Tgt Ion: 76 Resp: 17376
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5

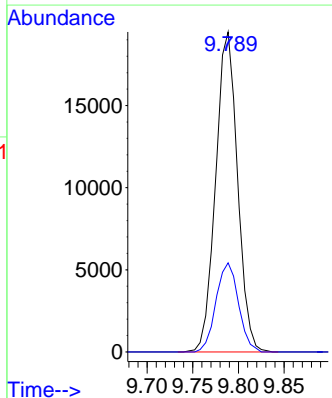
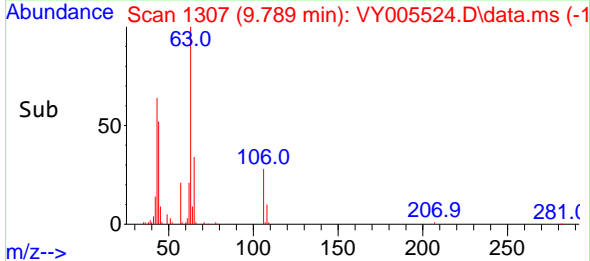
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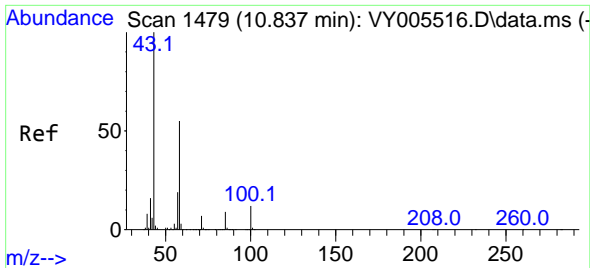


#58
 2-Chloroethyl Vinyl ether
 Concen: 19.624 ug/l
 RT: 9.789 min Scan# 1307
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



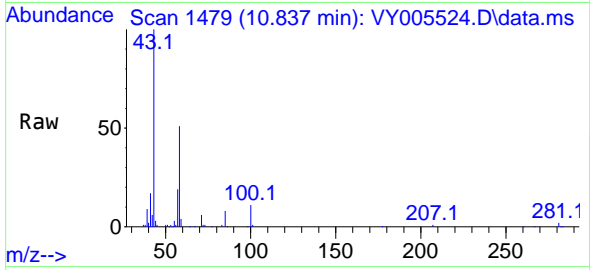
Tgt Ion: 63 Resp: 32388
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.1 34.7





#59
 2-Hexanone
 Concen: 20.744 ug/l
 RT: 10.837 min Scan# 1479
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

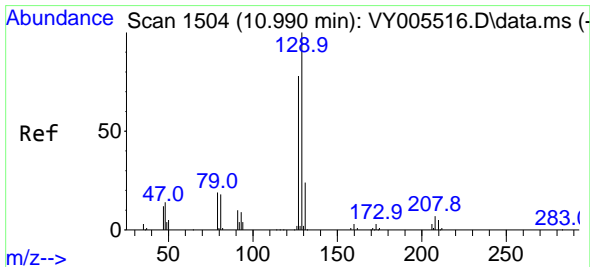
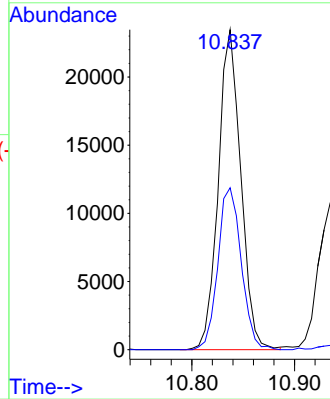
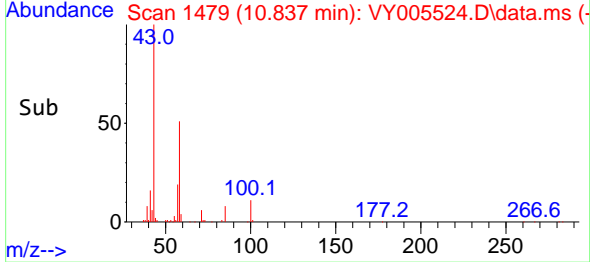
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021



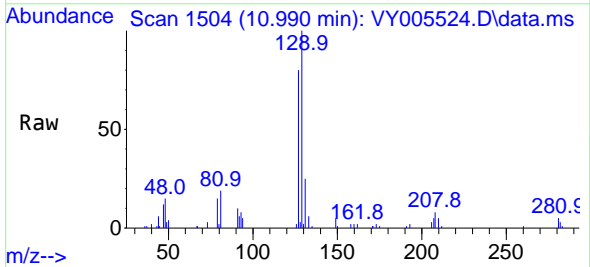
Tgt Ion: 43 Resp: 35643
 Ion Ratio Lower Upper
 43 100
 58 52.5 27.1 81.2

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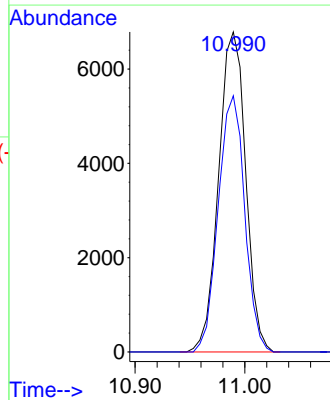
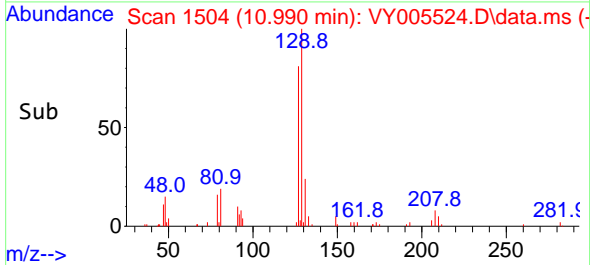
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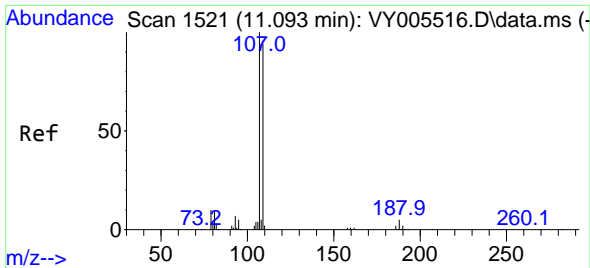


#60
 Dibromochloromethane
 Concen: 4.069 ug/l
 RT: 10.990 min Scan# 1504
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



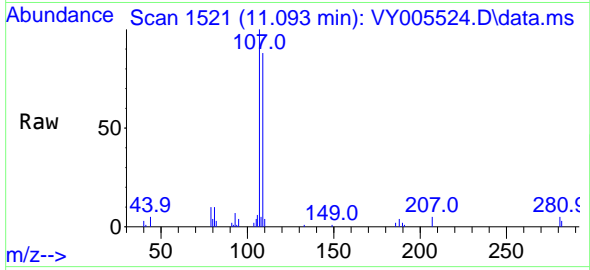
Tgt Ion: 129 Resp: 11616
 Ion Ratio Lower Upper
 129 100
 127 78.5 38.6 115.7





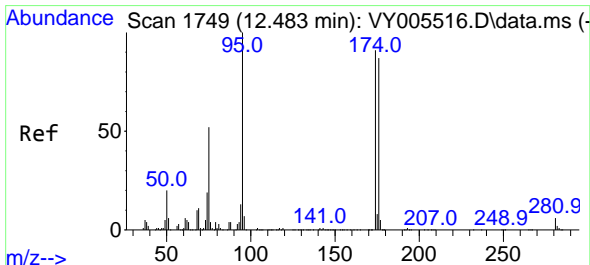
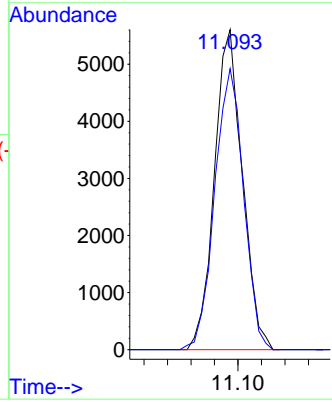
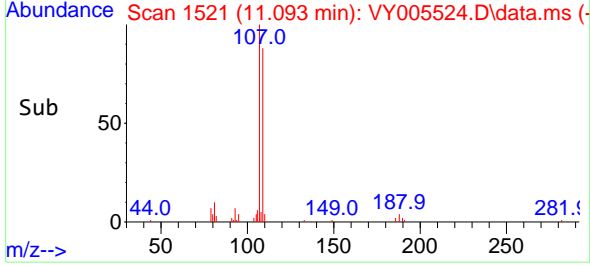
#61
 1,2-Dibromoethane
 Concen: 4.233 ug/l
 RT: 11.093 min Scan# 1521
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
 MDL-SOIL-03-QT3-2021

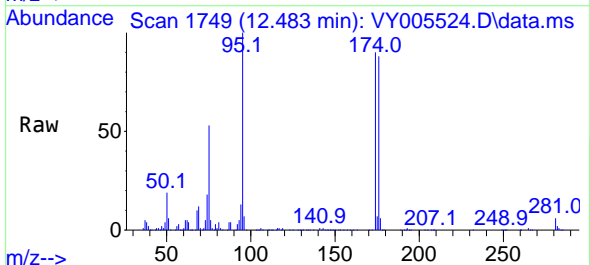


Tgt Ion:107 Resp: 9250
 Ion Ratio Lower Upper
 107 100
 109 90.9 74.7 112.1

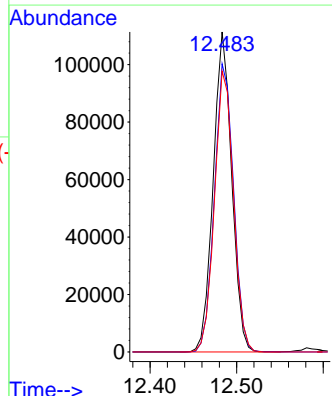
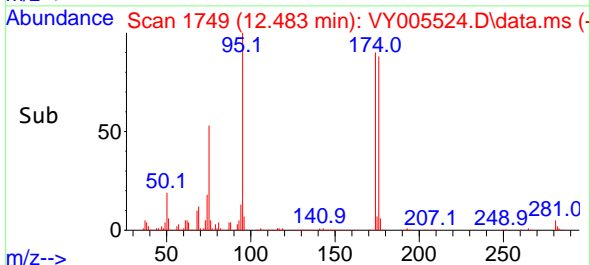
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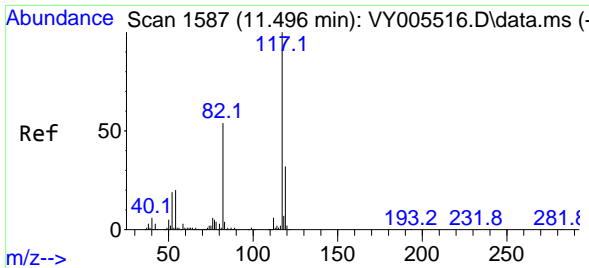


#62
 4-Bromofluorobenzene
 Concen: 49.499 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



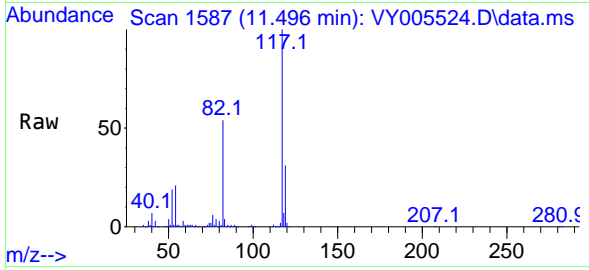
Tgt Ion: 95 Resp: 165159
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 191.4
 176 90.1 0.0 183.6





#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.496 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

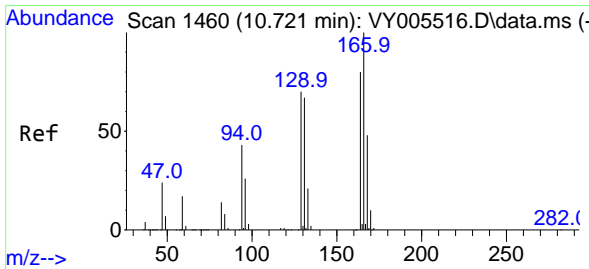
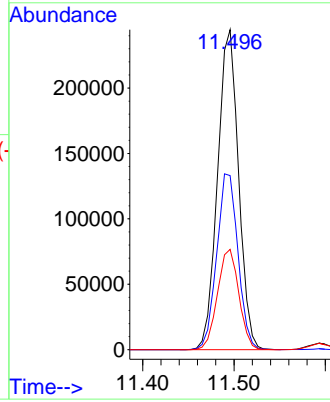
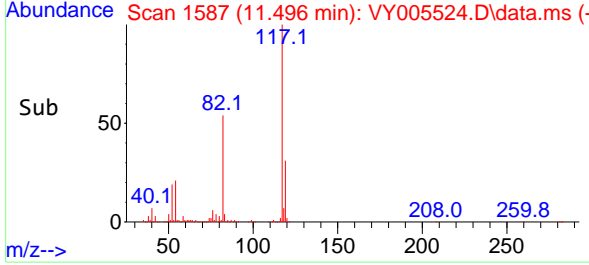
Instrument : MSVOA_Y
 ClientSampled : MDL-SOIL-03-QT3-2021



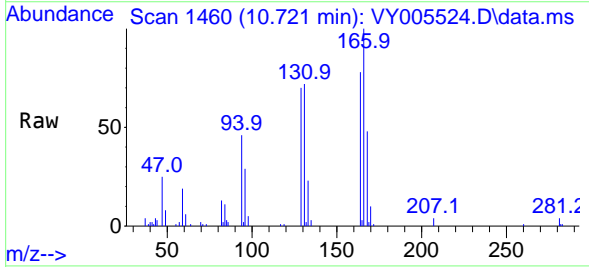
Tgt Ion:117 Resp: 390059

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.5	65.3
119	31.3	25.5	38.3

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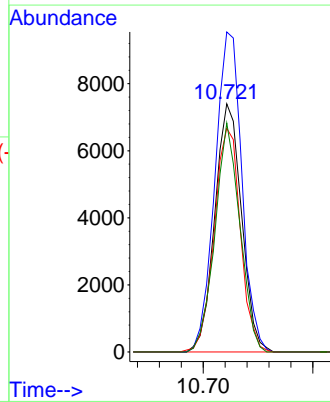
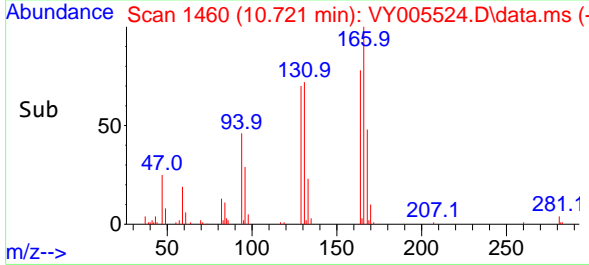


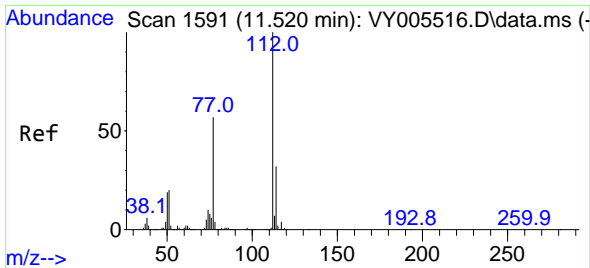
#64
 Tetrachloroethene
 Concen: 4.227 ug/l
 RT: 10.721 min Scan# 1460
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion:164 Resp: 12551

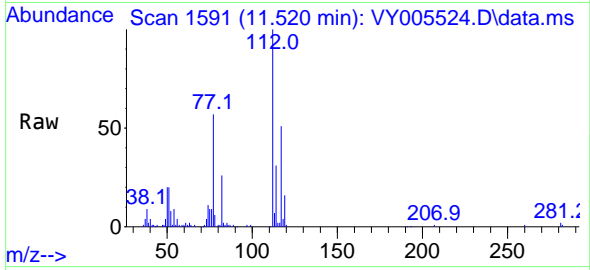
Ion	Ratio	Lower	Upper
164	100		
166	128.9	99.8	149.8
129	90.1	70.1	105.1
131	92.2	67.4	101.0





#65
 Chlorobenzene
 Concen: 4.058 ug/l
 RT: 11.520 min Scan# 1591
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

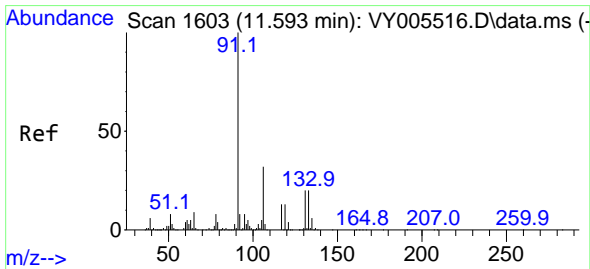
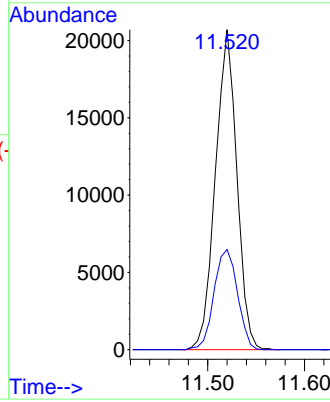
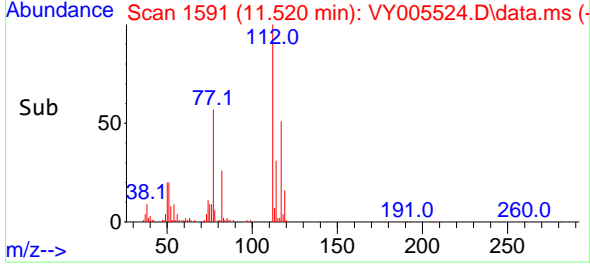
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021



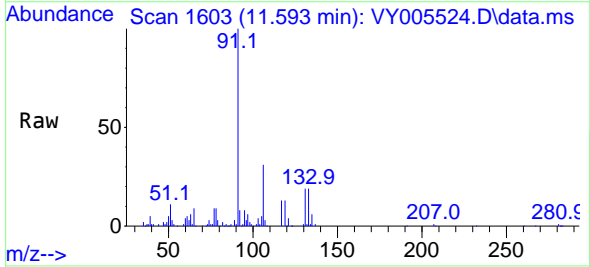
Tgt Ion:112 Resp: 31854
 Ion Ratio Lower Upper
 112 100
 114 31.3 25.2 37.8

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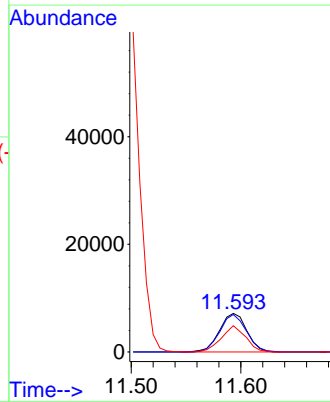
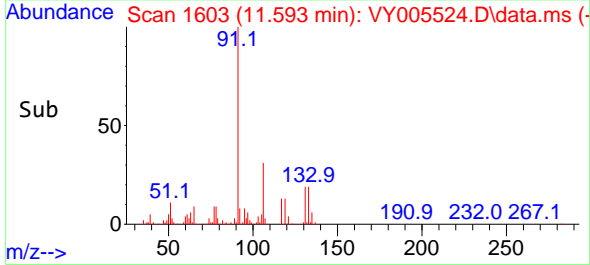
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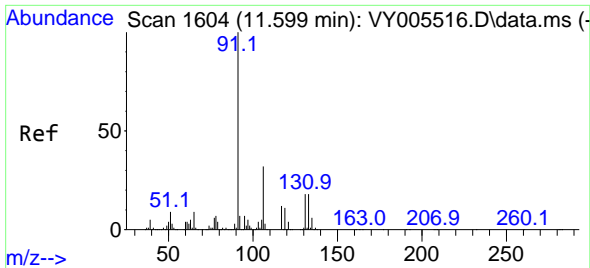


#66
 1,1,1,2-Tetrachloroethane
 Concen: 4.191 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



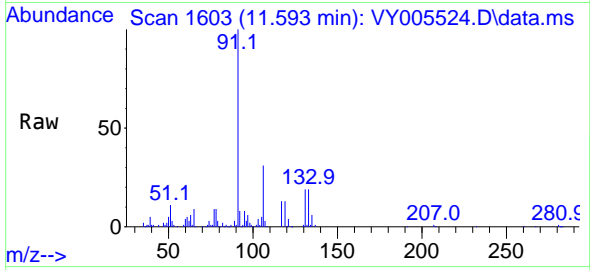
Tgt Ion:131 Resp: 12381
 Ion Ratio Lower Upper
 131 100
 133 95.0 48.2 144.6
 119 60.7 31.4 94.0





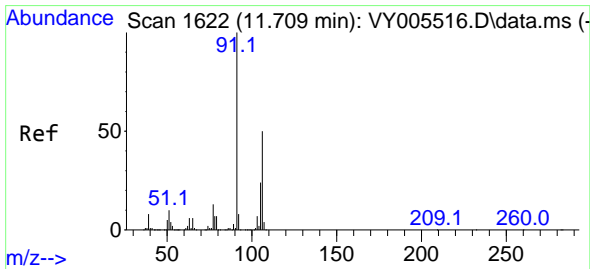
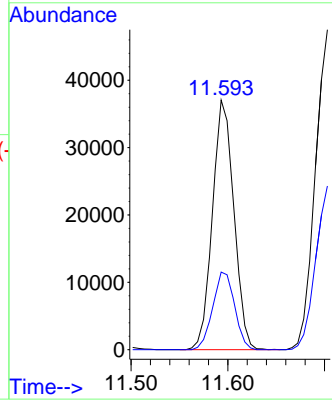
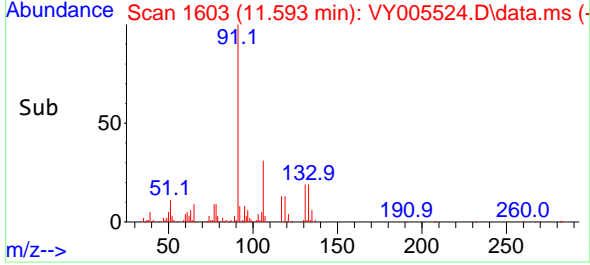
#67
 Ethyl Benzene
 Concen: 4.012 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampleId :
 MDL-SOIL-03-QT3-2021

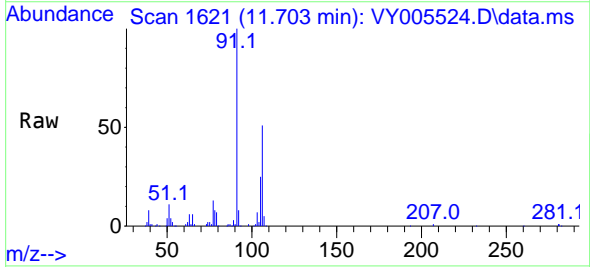


Tgt Ion: 91 Resp: 57104
 Ion Ratio Lower Upper
 91 100
 106 31.1 25.8 38.6

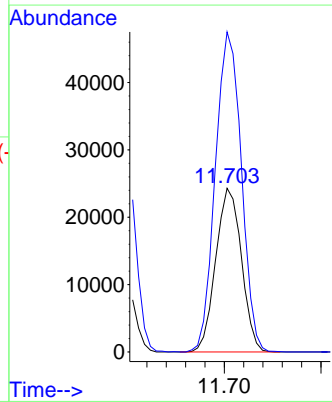
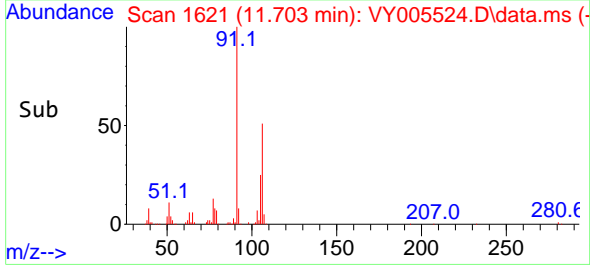
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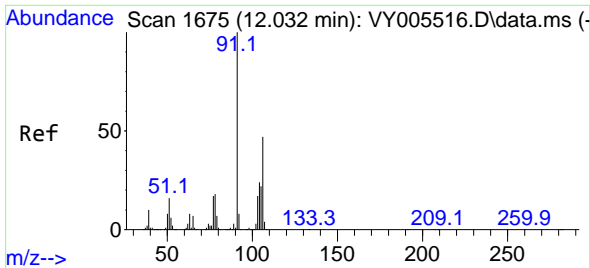


#68
 m/p-Xylenes
 Concen: 8.107 ug/l
 RT: 11.703 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



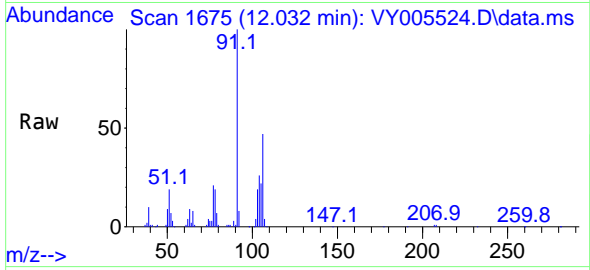
Tgt Ion: 106 Resp: 44820
 Ion Ratio Lower Upper
 106 100
 91 197.9 159.6 239.4





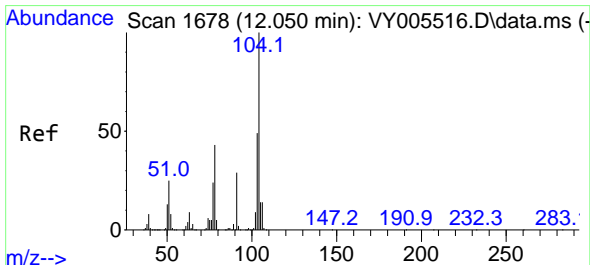
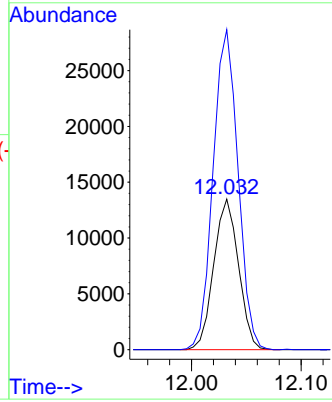
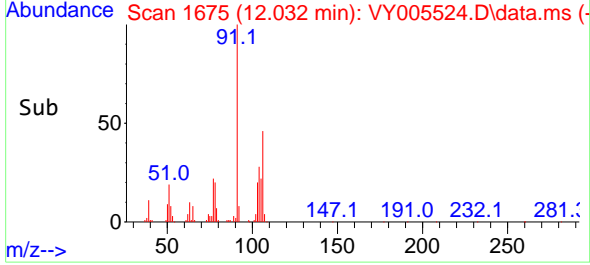
#69
 o-Xylene
 Concen: 3.984 ug/l
 RT: 12.032 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
 MDL-SOIL-03-QT3-2021

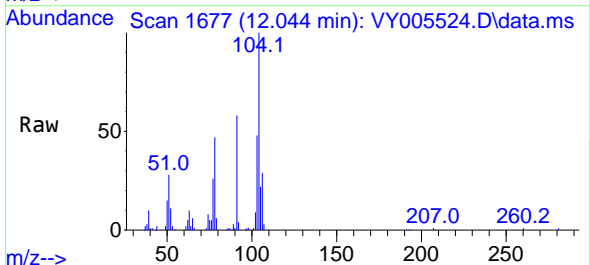


Tgt Ion:106 Resp: 21168
 Ion Ratio Lower Upper
 106 100
 91 213.5 106.2 318.6

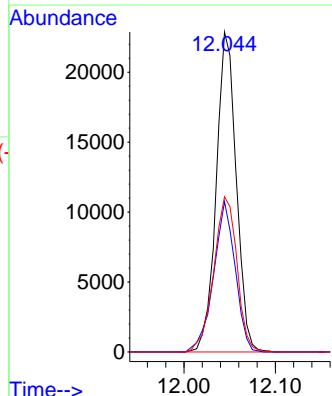
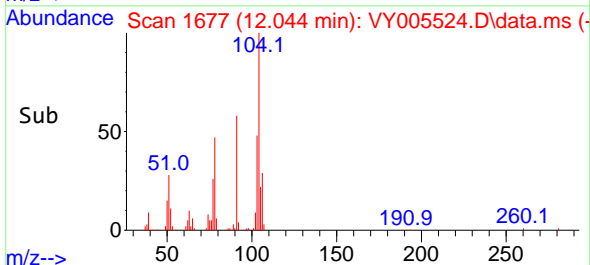
Manual Integrations
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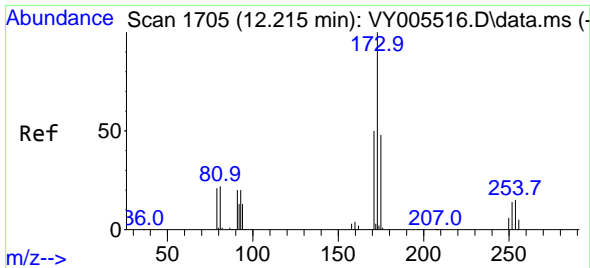


#70
 Styrene
 Concen: 3.898 ug/l
 RT: 12.044 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



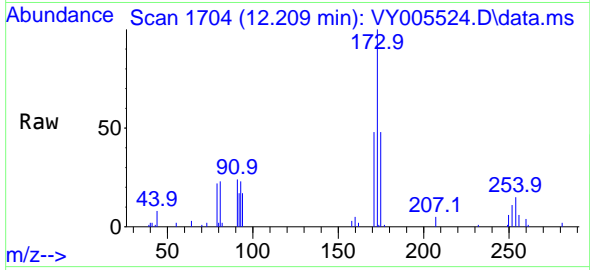
Tgt Ion:104 Resp: 34866
 Ion Ratio Lower Upper
 104 100
 78 50.5 40.2 60.4
 103 56.2 43.8 65.8





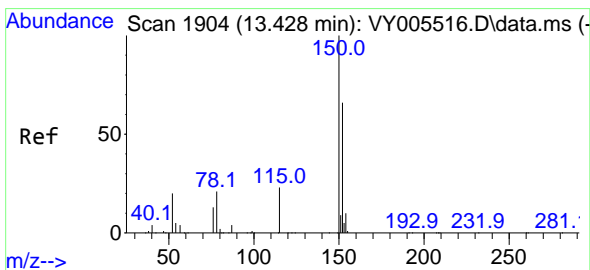
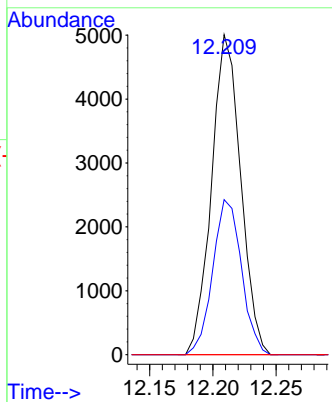
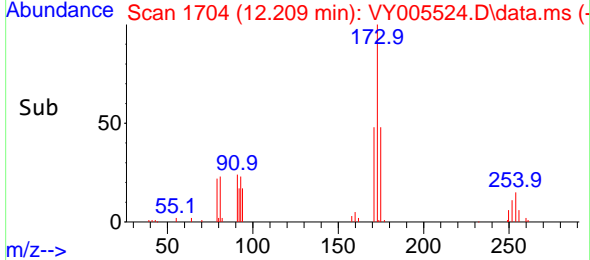
#71
 Bromoform
 Concen: 4.187 ug/l
 RT: 12.209 min Scan# 1704
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
Client Sampled :
 MDL-SOIL-03-QT3-2021

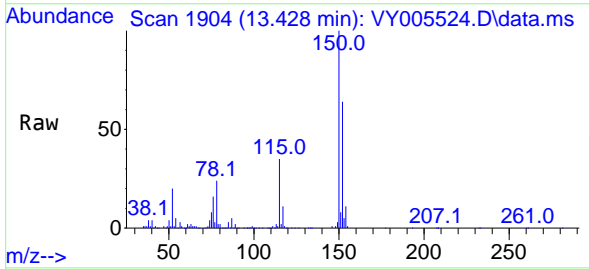


Tgt Ion:173 Resp: 8022
 Ion Ratio Lower Upper
 173 100
 175 47.7 24.3 72.9
 254 0.0 0.2 0.2#

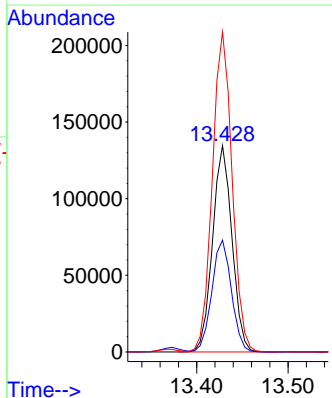
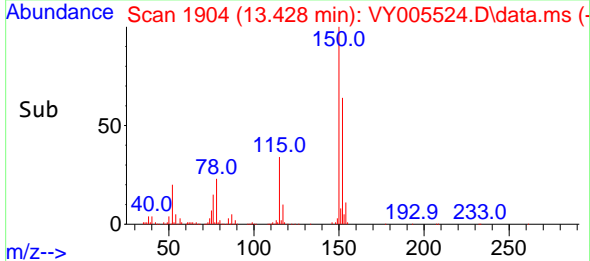
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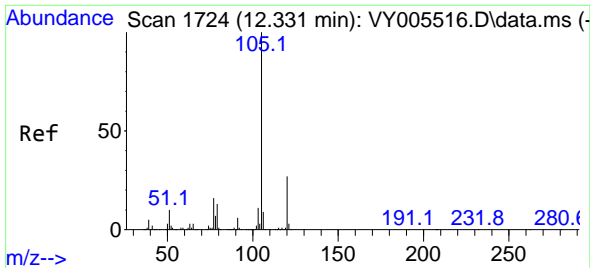


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



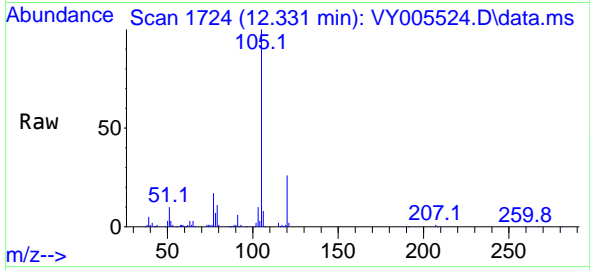
Tgt Ion:152 Resp: 198387
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.3 81.9
 150 158.2 0.0 350.2





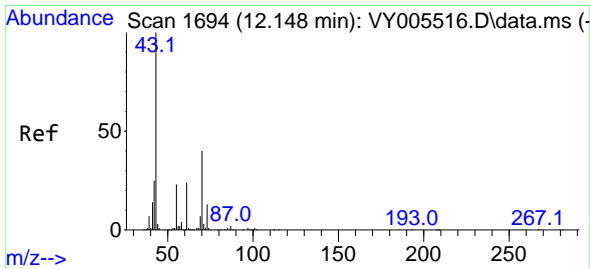
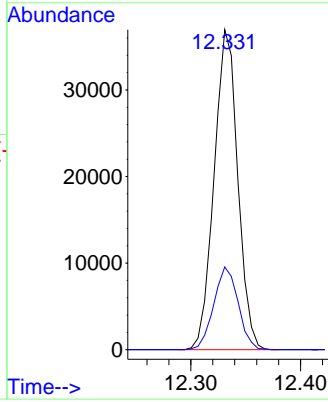
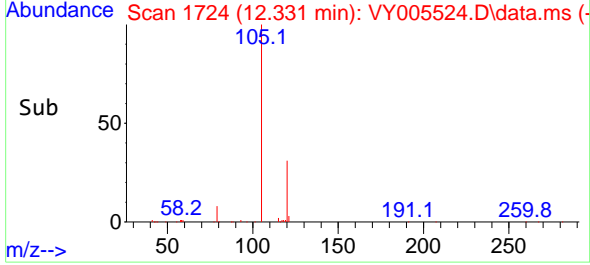
#73
 Isopropylbenzene
 Concen: 3.999 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
 MDL-SOIL-03-QT3-2021

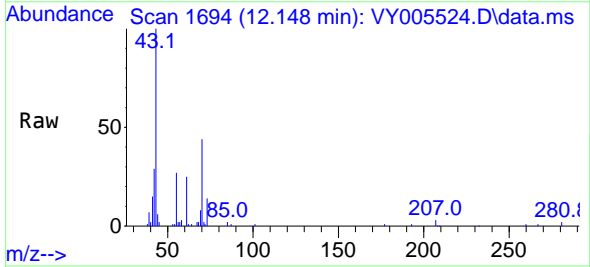


Tgt Ion: 105 Resp: 55375
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.7 41.1

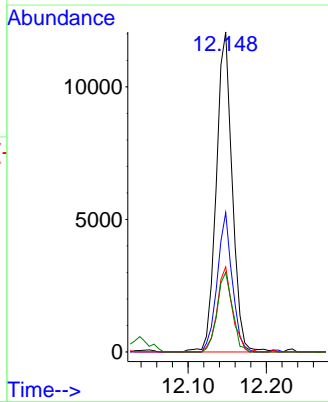
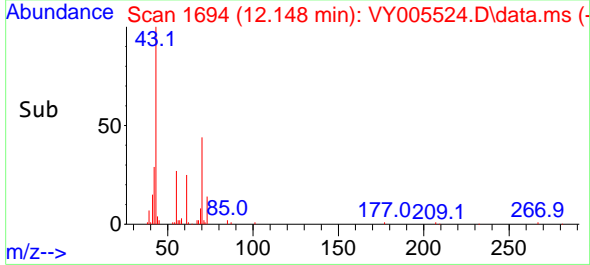
Manual Integrations
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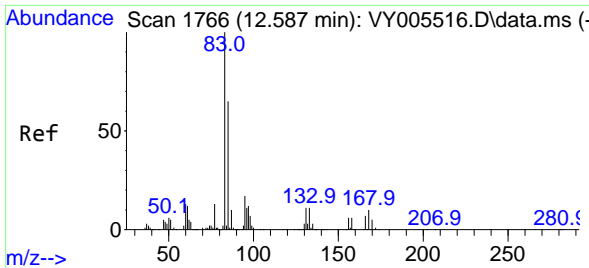


#74
 N-ethyl acetate
 Concen: 4.108 ug/l
 RT: 12.148 min Scan# 1694
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



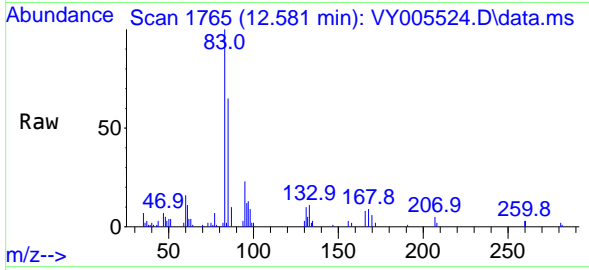
Tgt Ion: 43 Resp: 17125
 Ion Ratio Lower Upper
 43 100
 70 40.6 32.9 49.3
 55 25.3 18.9 28.3
 61 23.7 19.0 28.6





#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.172 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

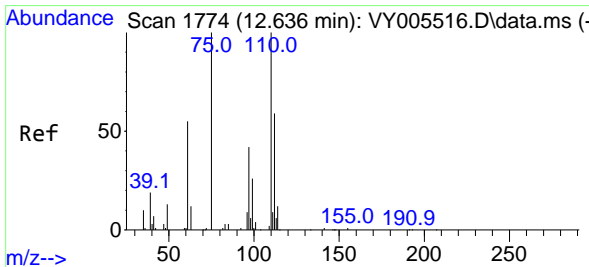
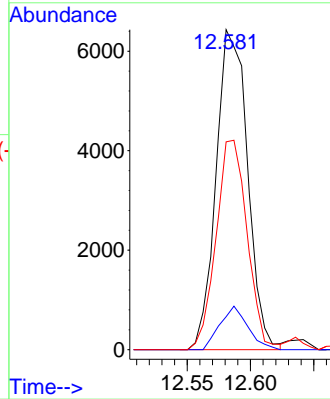
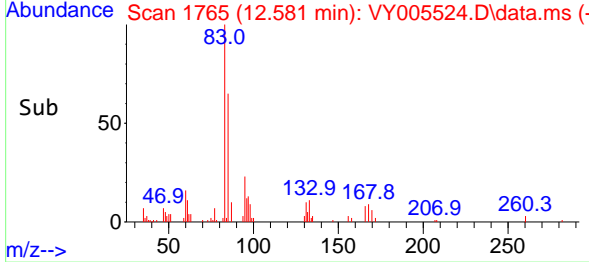
Instrument :
 MSVOA_Y
ClientSampleId :
 MDL-SOIL-03-QT3-2021



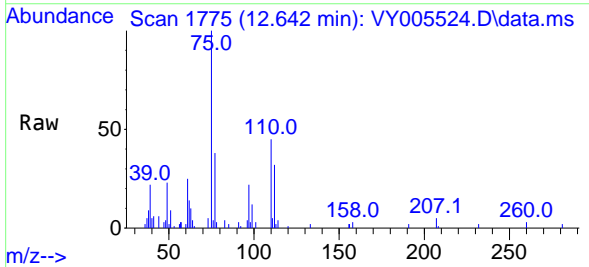
Tgt Ion: 83 Resp: 11111

Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.6	16.8
85	64.8	32.0	96.2

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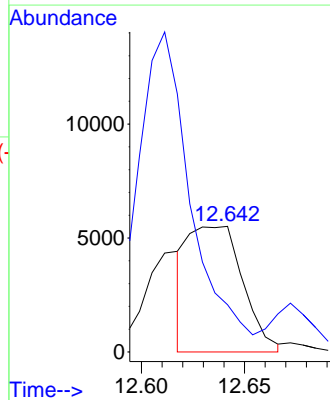
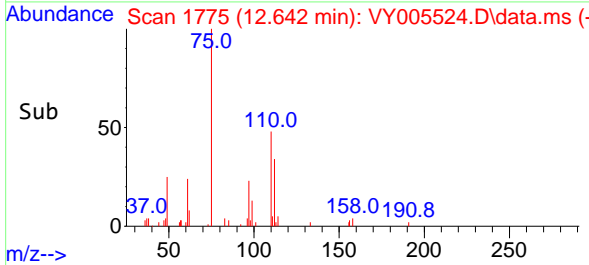


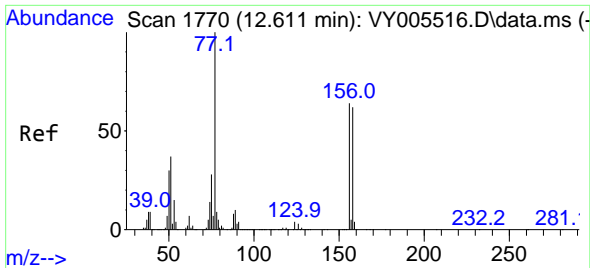
#76
 1,2,3-Trichloropropane
 Concen: 4.968 ug/l m
 RT: 12.642 min Scan# 1775
 Delta R.T. 0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 75 Resp: 10214

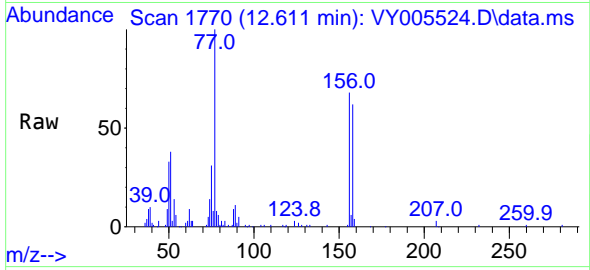
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
 Bromobenzene
 Concen: 4.221 ug/l
 RT: 12.611 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

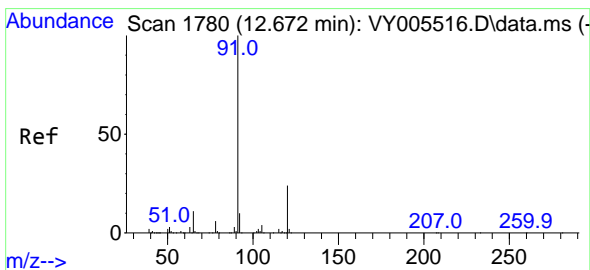
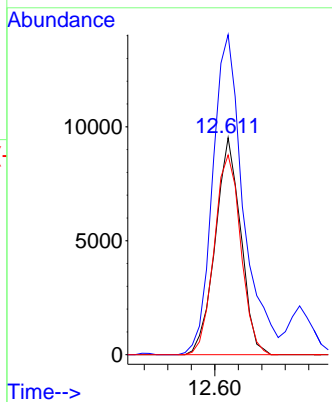
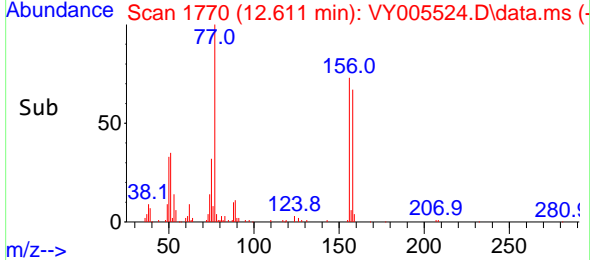
Instrument :
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 ClientSampled :
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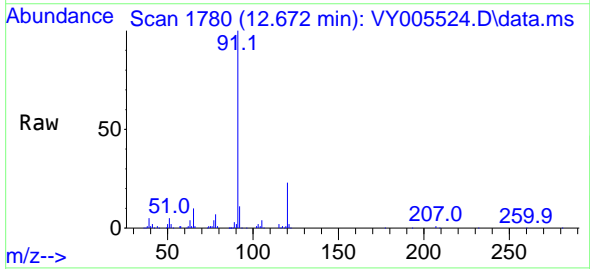
Tgt Ion: 156 Resp: 14362

Ion	Ratio	Lower	Upper
156	100		
77	176.9	85.5	256.5
158	95.9	48.5	145.6

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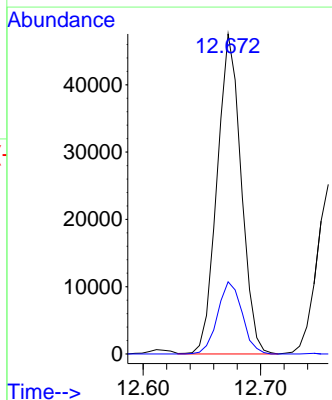
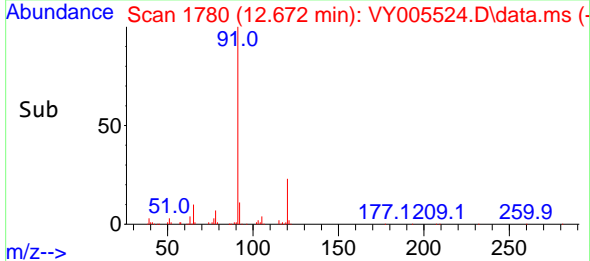


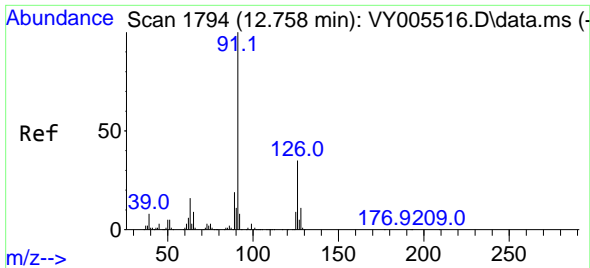
#78
 n-propylbenzene
 Concen: 4.120 ug/l
 RT: 12.672 min Scan# 1780
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



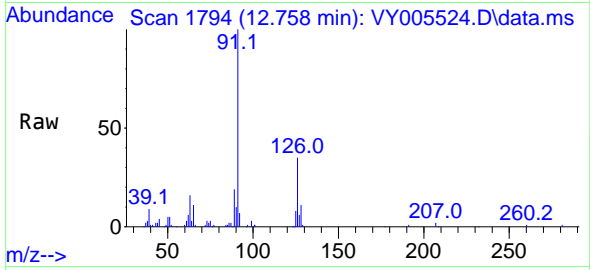
Tgt Ion: 91 Resp: 67767

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.9	35.9

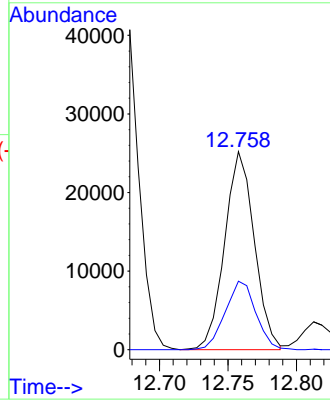
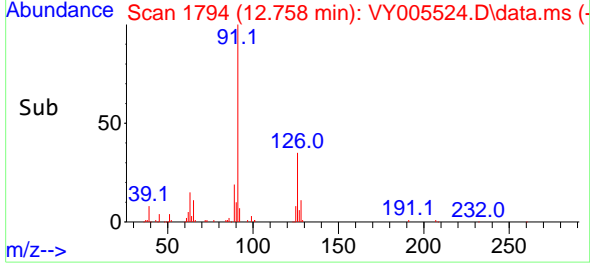




#79
 2-Chlorotoluene
 Concen: 4.114 ug/l
 RT: 12.758 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

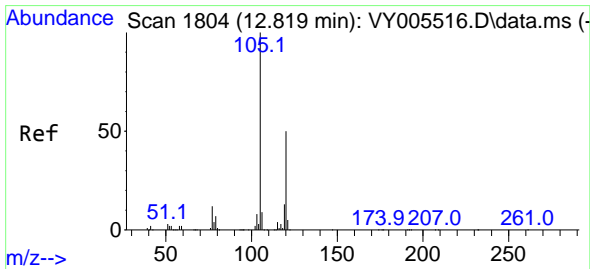


Tgt Ion: 91 Resp: 37996
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.5 52.6

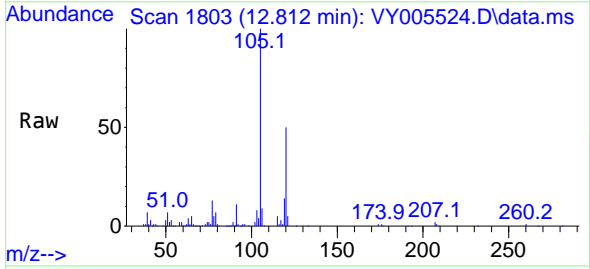


Instrument :
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ClientSampled :
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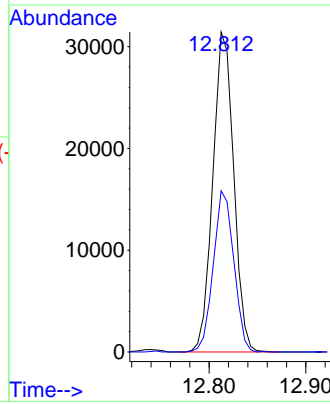
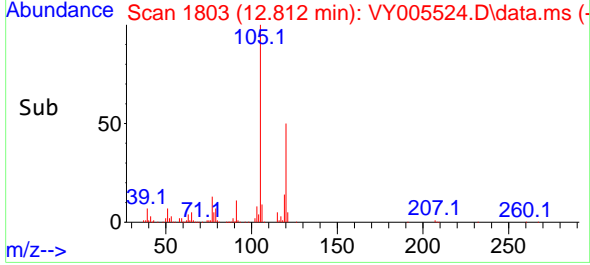
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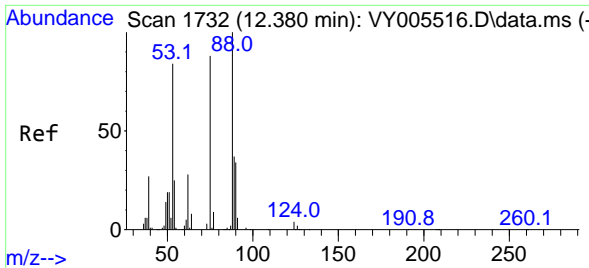


#80
 1,3,5-Trimethylbenzene
 Concen: 4.092 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



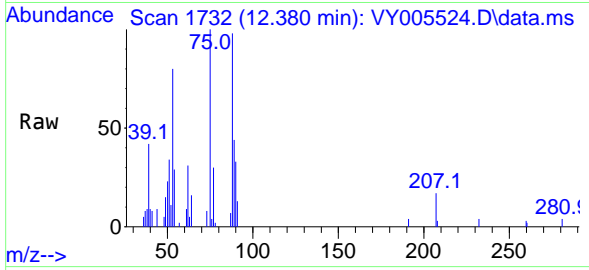
Tgt Ion: 105 Resp: 47027
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.0 75.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.218 ug/l
 RT: 12.380 min Scan# 1732
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

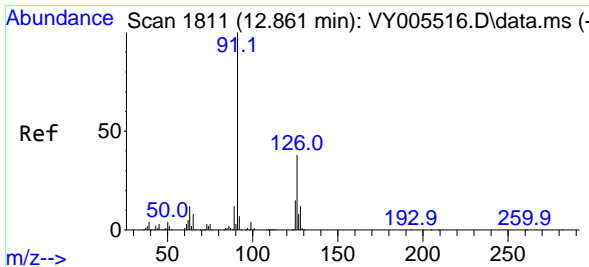
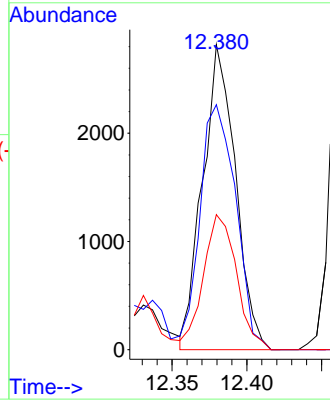
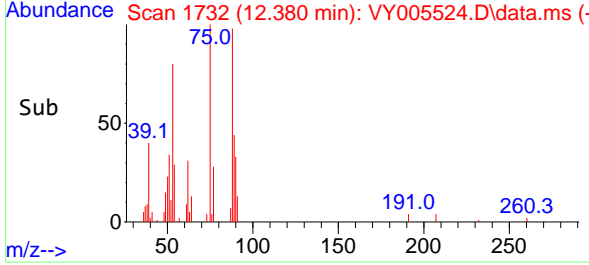
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT3-2021



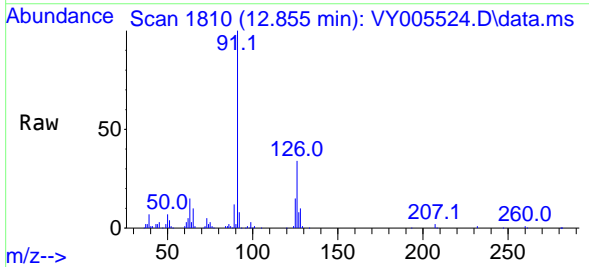
Tgt Ion: 75 Resp: 4302
 Ion Ratio Lower Upper
 75 100
 53 88.3 76.7 115.1
 89 44.8 38.4 57.6

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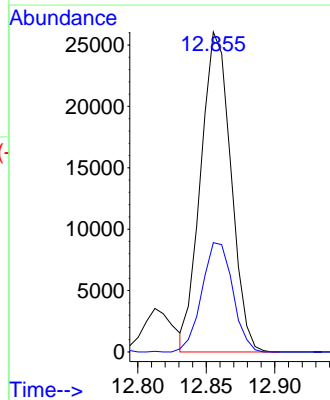
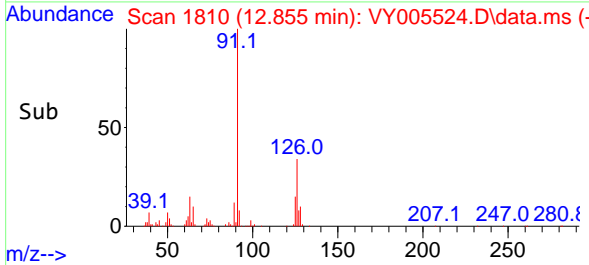
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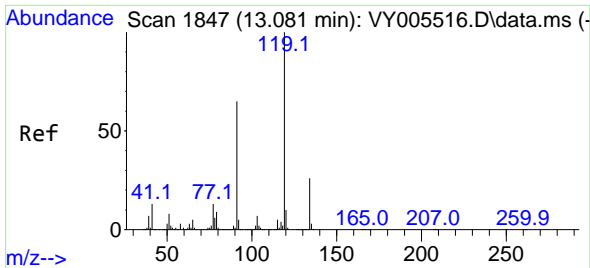


#82
 4-Chlorotoluene
 Concen: 4.177 ug/l
 RT: 12.855 min Scan# 1810
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



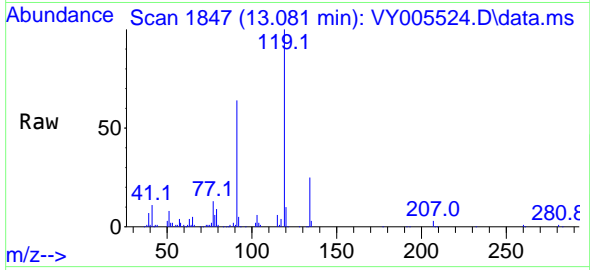
Tgt Ion: 91 Resp: 39919
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.5





#83
 tert-Butylbenzene
 Concen: 4.047 ug/l
 RT: 13.081 min Scan# 1847
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

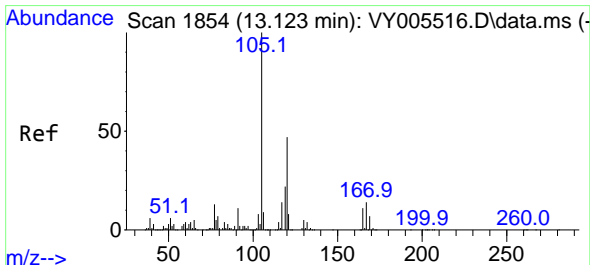
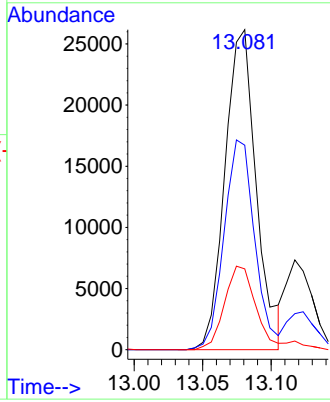
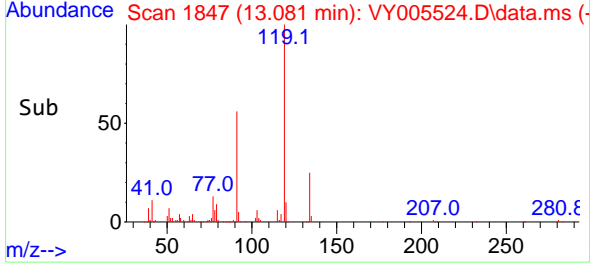
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT3-2021



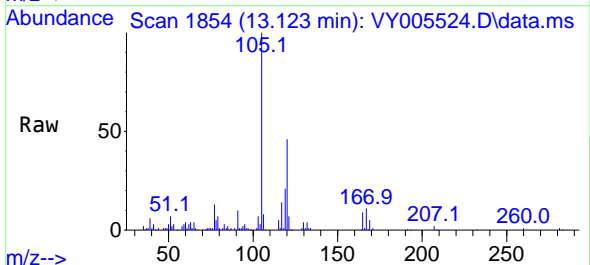
Tgt Ion:119 Resp: 41736

Ion	Ratio	Lower	Upper
119	100		
91	64.0	31.9	95.9
134	27.6	13.4	40.2

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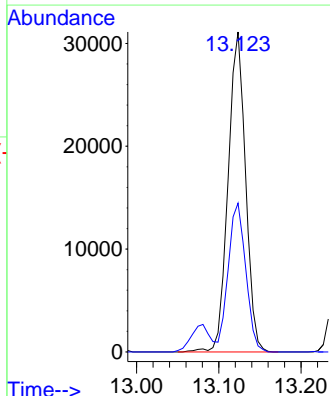
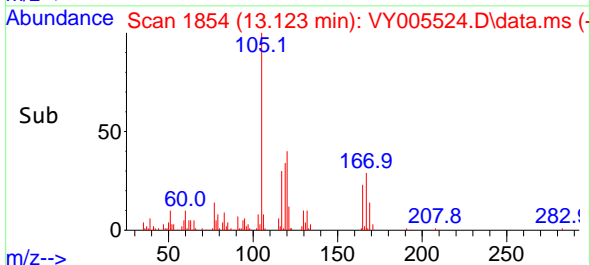


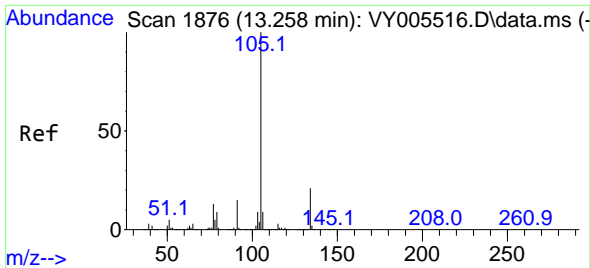
#84
 1,2,4-Trimethylbenzene
 Concen: 4.059 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion:105 Resp: 46031

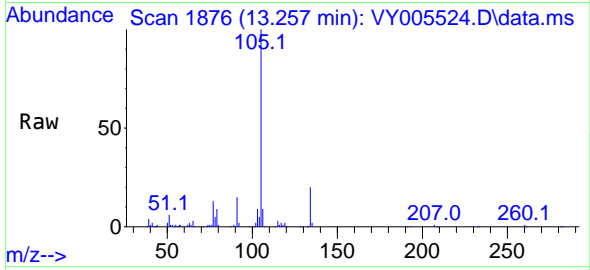
Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.5





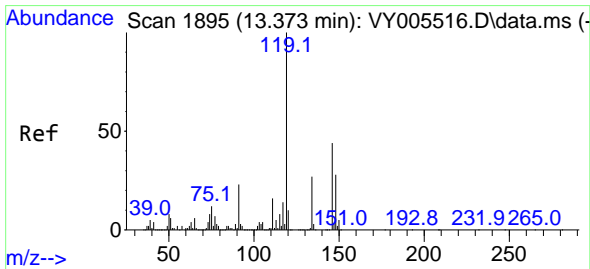
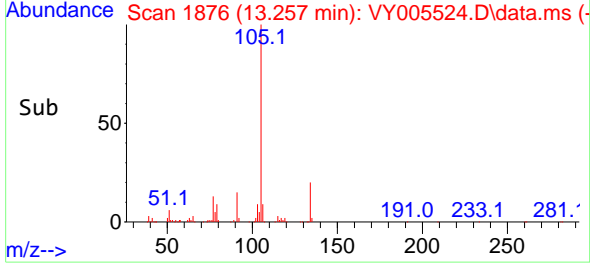
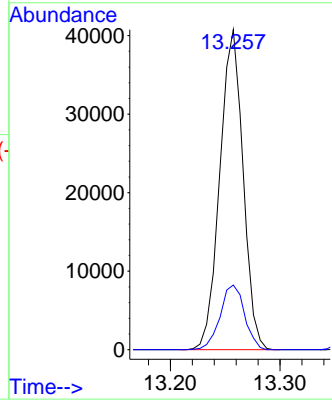
#85
 sec-Butylbenzene
 Concen: 4.036 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
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ClientSampled :
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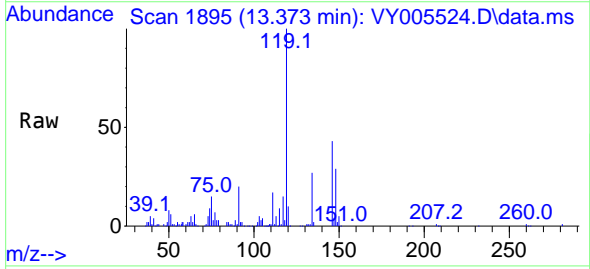


Tgt Ion:105 Resp: 60028
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.5

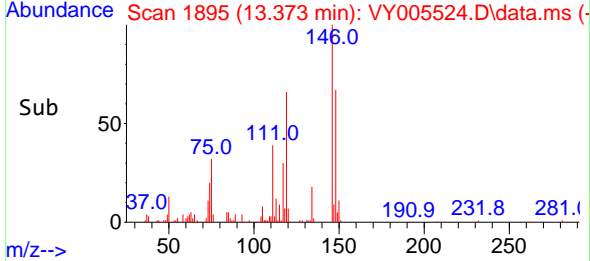
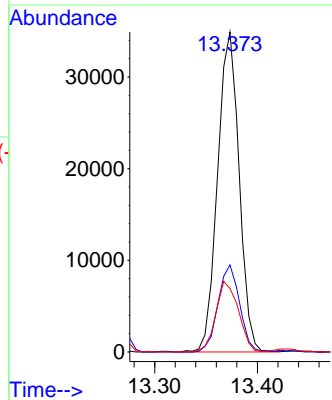
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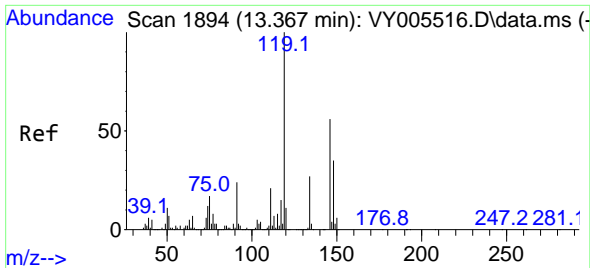


#86
 p-Isopropyltoluene
 Concen: 3.971 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



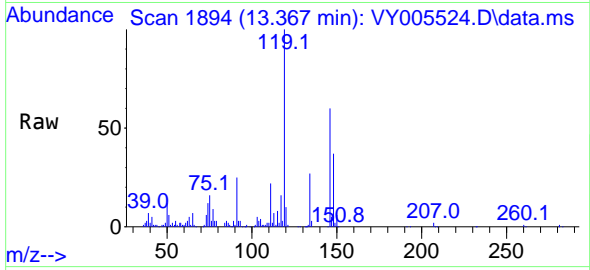
Tgt Ion:119 Resp: 50717
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 23.1 11.6 34.7





#87
 1,3-Dichlorobenzene
 Concen: 4.100 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

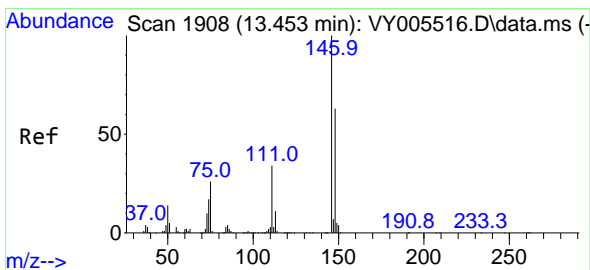
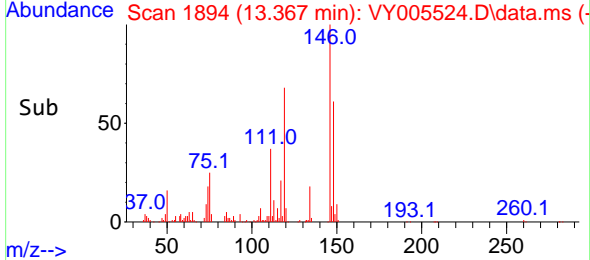
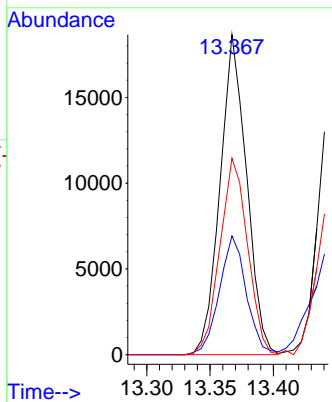
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT3-2021



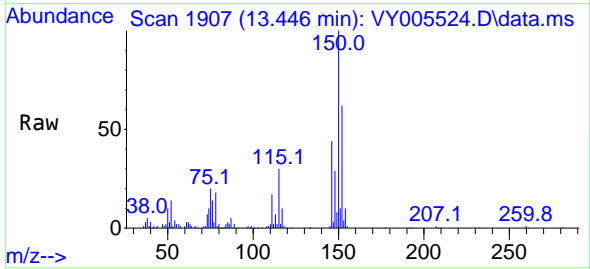
Tgt Ion:146 Resp: 27216

Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.1	31.7	95.1

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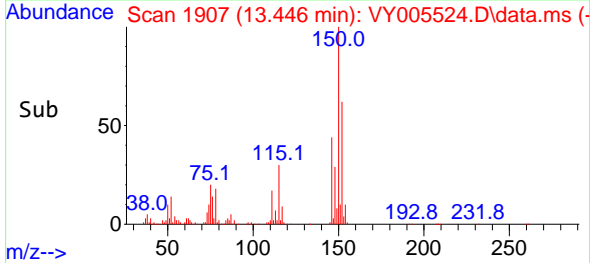
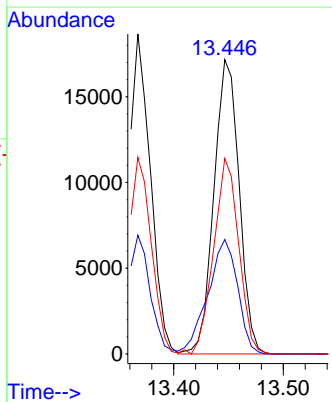


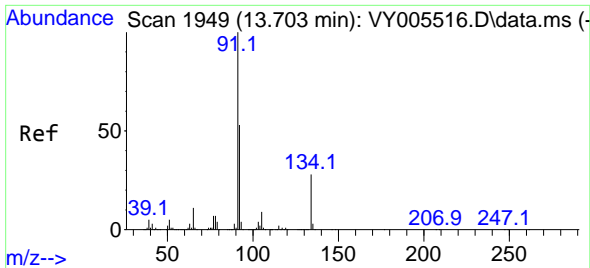
#88
 1,4-Dichlorobenzene
 Concen: 4.171 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion:146 Resp: 27468

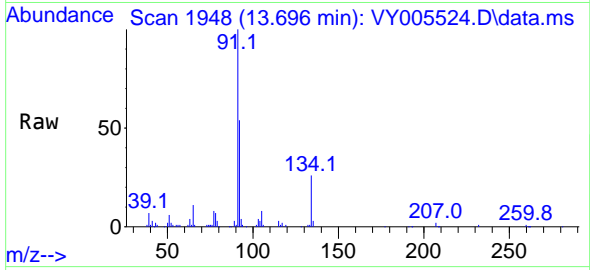
Ion	Ratio	Lower	Upper
146	100		
111	45.9	18.1	54.3
148	66.1	31.8	95.3





#89
 n-Butylbenzene
 Concen: 4.058 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

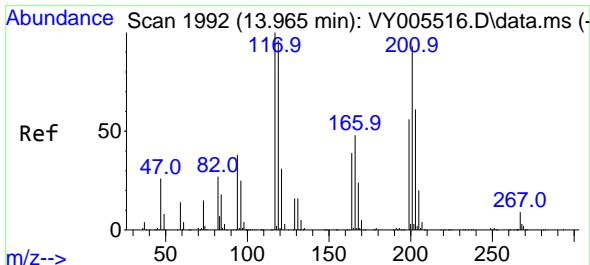
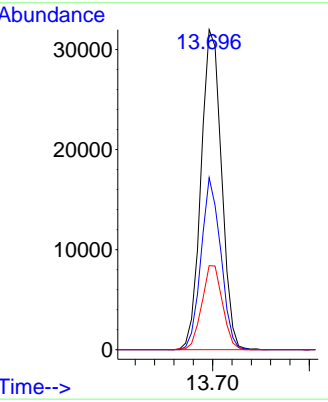
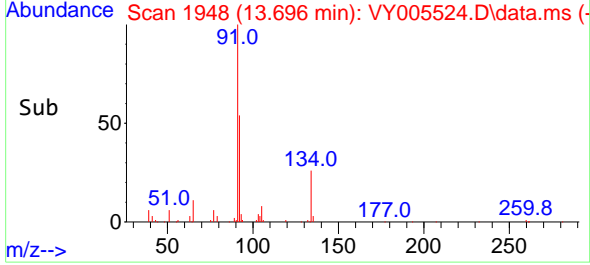
Instrument :
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ClientSampled :
 MDL-SOIL-03-QT3-2021



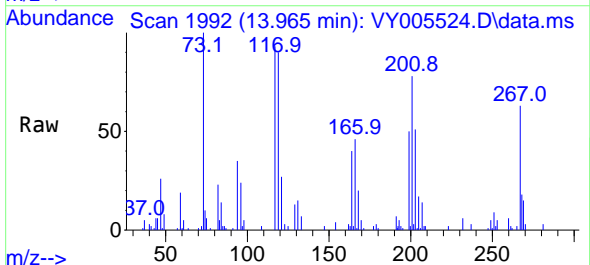
Tgt Ion: 91 Resp: 46951

Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.7	80.1
134	26.6	13.8	41.4

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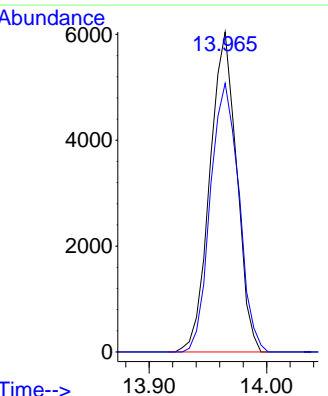
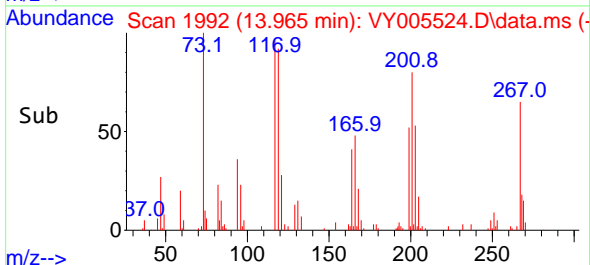


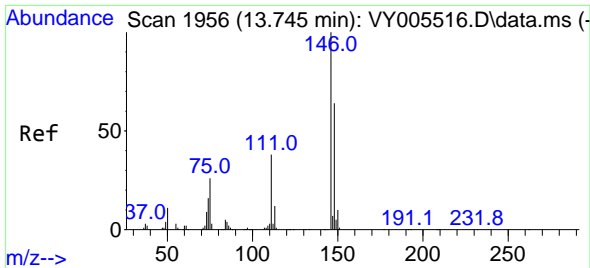
#90
 Hexachloroethane
 Concen: 4.181 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 117 Resp: 9600

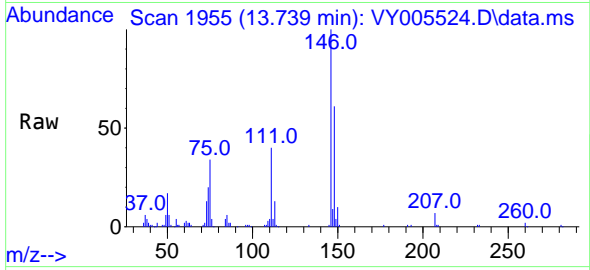
Ion	Ratio	Lower	Upper
117	100		
201	89.0	46.7	140.1





#91
 1,2-Dichlorobenzene
 Concen: 4.177 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

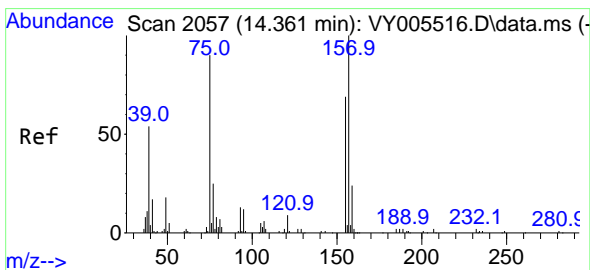
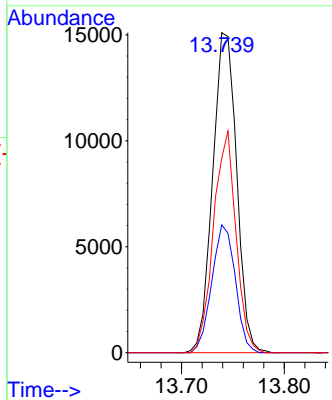
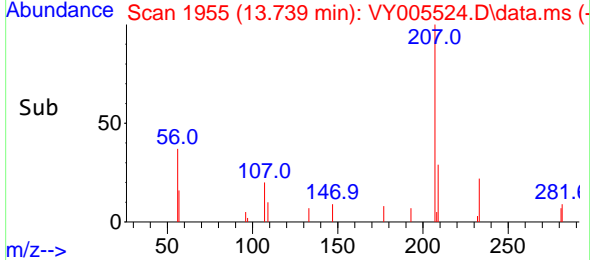
Instrument :
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ClientSampled :
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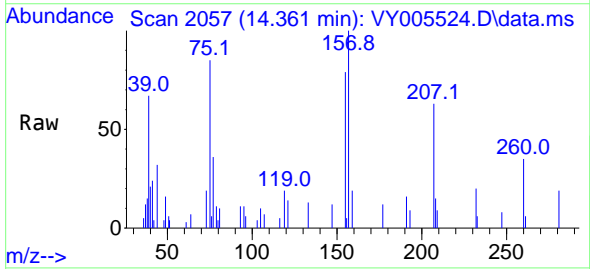
Tgt Ion:146 Resp: 24494

Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	64.8	31.9	95.5

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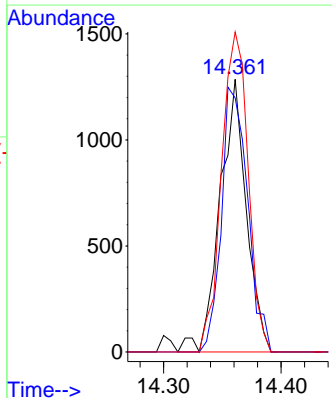
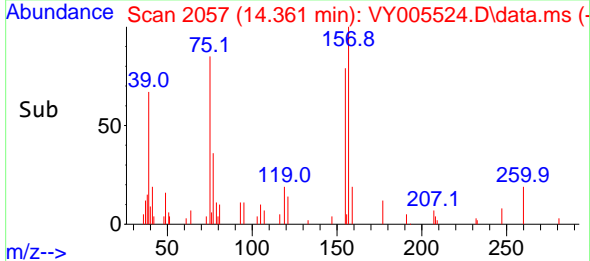


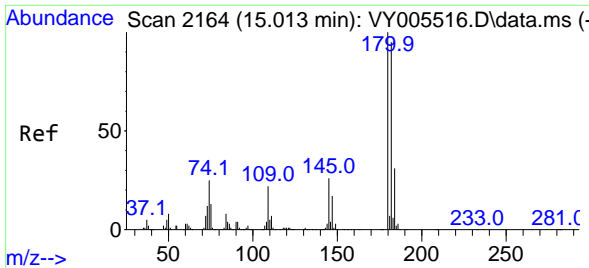
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.975 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion: 75 Resp: 2007

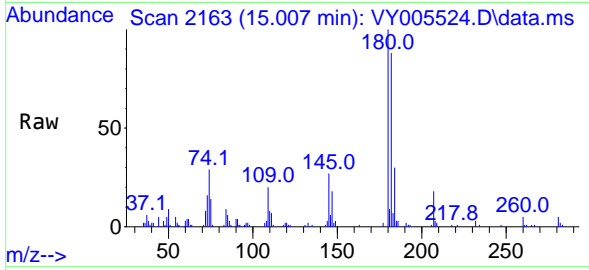
Ion	Ratio	Lower	Upper
75	100		
155	96.3	42.4	127.1
157	118.5	56.0	168.2





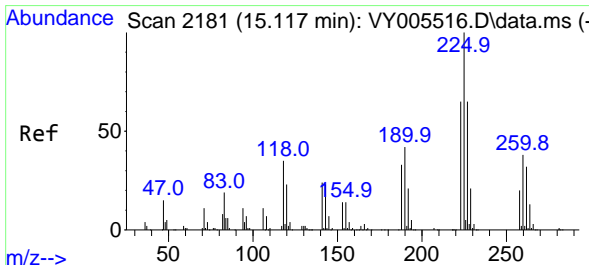
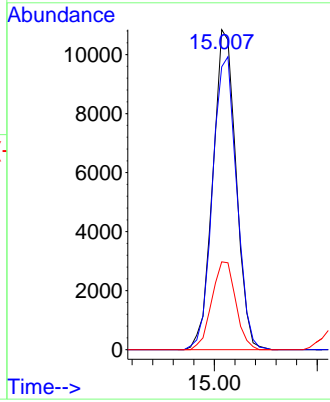
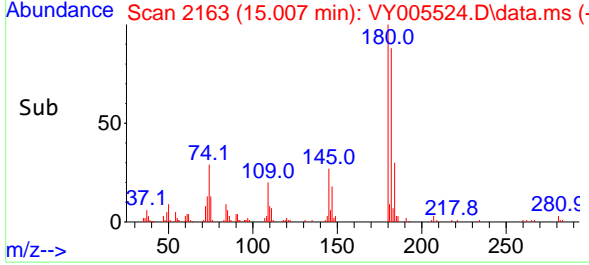
#93
 1,2,4-Trichlorobenzene
 Concen: 4.217 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Instrument :
 MSVOA_Y
ClientSampled :
 MDL-SOIL-03-QT3-2021

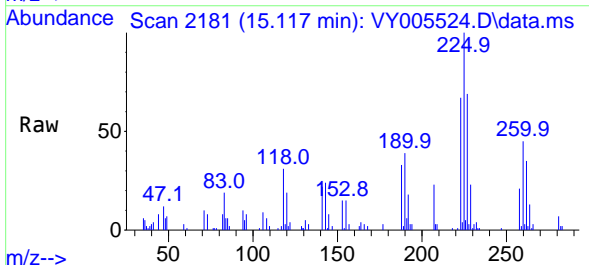


Tgt Ion:180 Resp: 16987
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.4
 145 28.3 14.0 42.0

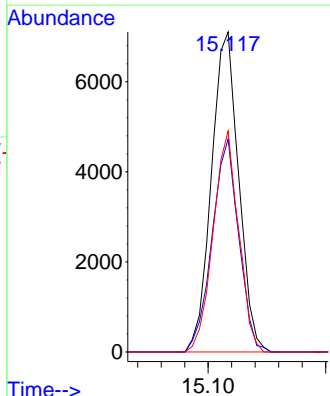
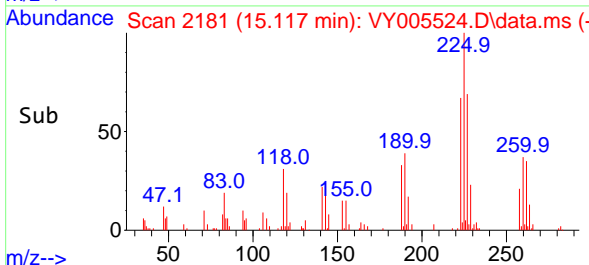
Manual Integrations
APPROVED
 MMDadoda
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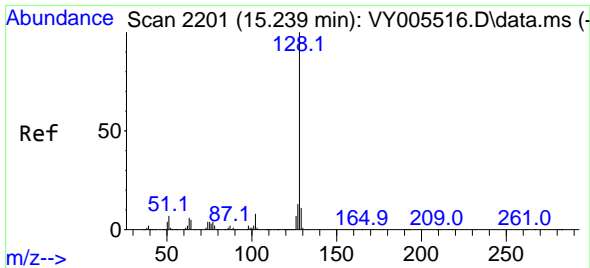


#94
 Hexachlorobutadiene
 Concen: 4.379 ug/l
 RT: 15.117 min Scan# 2181
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



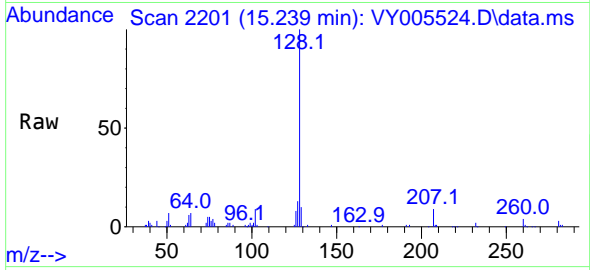
Tgt Ion:225 Resp: 11420
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.4 94.0
 227 64.5 32.2 96.6





#95
 Naphthalene
 Concen: 4.159 ug/l
 RT: 15.239 min Scan# 2201
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

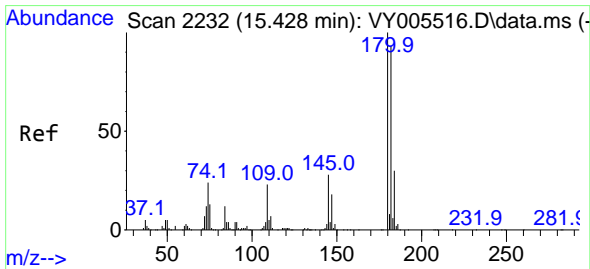
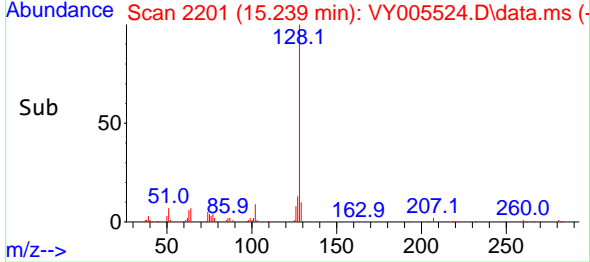
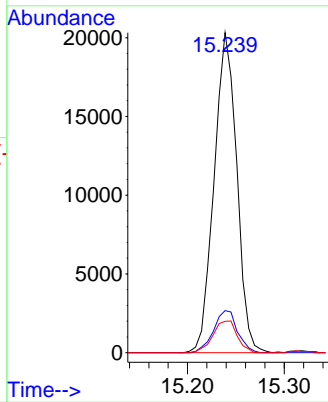
Instrument :
 MSVOA_Y
ClientSampled :
 MDL-SOIL-03-QT3-2021



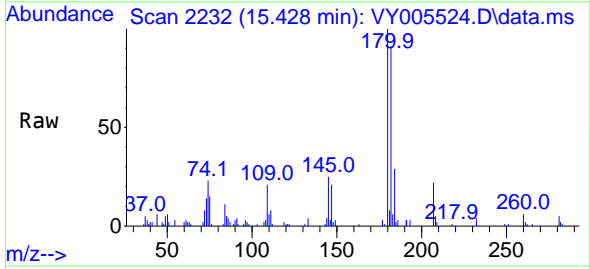
Tgt Ion:128 Resp: 33024

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations
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#96
 1,2,3-Trichlorobenzene
 Concen: 4.379 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19



Tgt Ion:180 Resp: 15627

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.6
145	29.3	14.6	44.0

