

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
 Data File : VY004732.D
 Acq On : 10 May 2021 16:16
 Operator : SY/MD
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: May 11 04:34:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:33:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	185322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	277741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118041	53.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.02%
35) Dibromofluoromethane	7.728	113	95029	56.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.66%
50) Toluene-d8	10.185	98	384545	50.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.80%
62) 4-Bromofluorobenzene	12.483	95	123904	48.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.20%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	6465	3.81 ug/l	94
3) Chloromethane	2.119	50	11332	4.12 ug/l #	88
4) Vinyl Chloride	2.253	62	12651	4.50 ug/l	94
5) Bromomethane	2.656	94	6878	4.79 ug/l	90
6) Chloroethane	2.802	64	6752	4.07 ug/l #	88
7) Trichlorofluoromethane	3.131	101	13790	4.13 ug/l	92
8) Diethyl Ether	3.540	74	5068	4.29 ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.912	101	7790	4.11 ug/l	98
10) Methyl Iodide	4.107	142	8941	4.41 ug/l	98
11) Tert butyl alcohol	4.972	59	5320	24.00 ug/l #	77
12) 1,1-Dichloroethene	3.875	96	7383	4.03 ug/l	85
13) Acrolein	3.741	56	4655	17.86 ug/l	91
14) Allyl chloride	4.491	41	14681	4.10 ug/l	98
15) Acrylonitrile	5.174	53	11704	19.78 ug/l	99
16) Acetone	3.960	43	11630	23.47 ug/l	95
17) Carbon Disulfide	4.198	76	23754	4.25 ug/l	96
18) Methyl Acetate	4.491	43	6720	4.25 ug/l	99
19) Methyl tert-butyl Ether	5.241	73	20115	3.99 ug/l	94
20) Methylene Chloride	4.729	84	26959	8.49 ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	8108	3.90 ug/l	94
22) Diisopropyl ether	6.131	45	26551	3.86 ug/l	97
23) Vinyl Acetate	6.070	43	95145	18.40 ug/l	98
24) 1,1-Dichloroethane	6.033	63	15985	4.13 ug/l #	93
25) 2-Butanone	7.003	43	16788	19.07 ug/l	95
26) 2,2-Dichloropropane	6.990	77	13484	3.98 ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	9496	4.11 ug/l	96
28) Bromochloromethane	7.338	49	6988	3.69 ug/l #	92
29) Tetrahydrofuran	7.362	42	10062	17.92 ug/l	98
30) Chloroform	7.515	83	15911	4.17 ug/l	98
31) Cyclohexane	7.795	56	17151	4.80 ug/l #	61
32) 1,1,1-Trichloroethane	7.710	97	14000	4.09 ug/l	98
36) 1,1-Dichloropropene	7.923	75	13167	4.21 ug/l	95
37) Ethyl Acetate	7.088	43	9085	4.23 ug/l	99
38) Carbon Tetrachloride	7.905	117	9971	3.54 ug/l	98
39) Methylcyclohexane	9.185	83	13190	3.86 ug/l	96
40) Benzene	8.167	78	35028	3.96 ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	3284	2.80	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	11448	4.10	ug/l	100
43) Isopropyl Acetate	8.277	43	14881	3.74	ug/l #	90
44) Trichloroethene	8.941	130	9833	4.13	ug/l	95
45) 1,2-Dichloropropane	9.222	63	9395	4.06	ug/l	96
46) Dibromomethane	9.307	93	5097	3.96	ug/l	98
47) Bromodichloromethane	9.502	83	12462	4.08	ug/l	99
48) Methyl methacrylate	9.295	41	6425	3.55	ug/l	97
49) 1,4-Dioxane	9.313	88	1068	70.44	ug/l #	80
51) 4-Methyl-2-Pentanone	10.075	43	38624	18.03	ug/l	98
52) Toluene	10.246	92	22017	3.94	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	13483	3.98	ug/l	91
54) cis-1,3-Dichloropropene	9.929	75	14851	3.94	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	6973	3.94	ug/l	95
56) Ethyl methacrylate	10.514	69	8968	3.50	ug/l	98
57) 1,3-Dichloropropane	10.795	76	12423	3.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	22988	17.38	ug/l	99
59) 2-Hexanone	10.837	43	24651	16.98	ug/l	100
60) Dibromochloromethane	10.990	129	8021	3.81	ug/l	100
61) 1,2-Dibromoethane	11.093	107	6563	3.84	ug/l	99
64) Tetrachloroethene	10.721	164	10381	4.14	ug/l	97
65) Chlorobenzene	11.520	112	23813	4.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	8100	3.90	ug/l	94
67) Ethyl Benzene	11.593	91	40621	3.82	ug/l	99
68) m/p-Xylenes	11.703	106	30274	7.59	ug/l	99
69) o-Xylene	12.032	106	14105	3.78	ug/l	100
70) Styrene	12.044	104	22315	3.57	ug/l	99
71) Bromoform	12.215	173	4729	3.76	ug/l #	95
73) Isopropylbenzene	12.331	105	37956	3.92	ug/l	99
74) N-amyl acetate	12.148	43	12460	3.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	7562	3.92	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	11686	8.58	ug/l #	100
77) Bromobenzene	12.611	156	9075	4.15	ug/l	96
78) n-propylbenzene	12.672	91	46045	3.90	ug/l	98
79) 2-Chlorotoluene	12.758	91	26411	4.08	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	31186	3.88	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2985	3.80	ug/l	95
82) 4-Chlorotoluene	12.855	91	27163	4.04	ug/l	99
83) tert-Butylbenzene	13.075	119	27529	4.01	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	30533	3.80	ug/l	98
85) sec-Butylbenzene	13.258	105	38986	3.91	ug/l	97
86) p-Isopropyltoluene	13.373	119	33694	3.90	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	17086	3.99	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	18304	4.33	ug/l	94
89) n-Butylbenzene	13.696	91	33653	3.98	ug/l	96
90) Hexachloroethane	13.965	117	5043	4.14	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	15567	4.12	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1605	4.45	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	10376	4.26	ug/l	99
94) Hexachlorobutadiene	15.117	225	5827	4.42	ug/l	98
95) Naphthalene	15.239	128	20296	3.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	9156	4.25	ug/l	99

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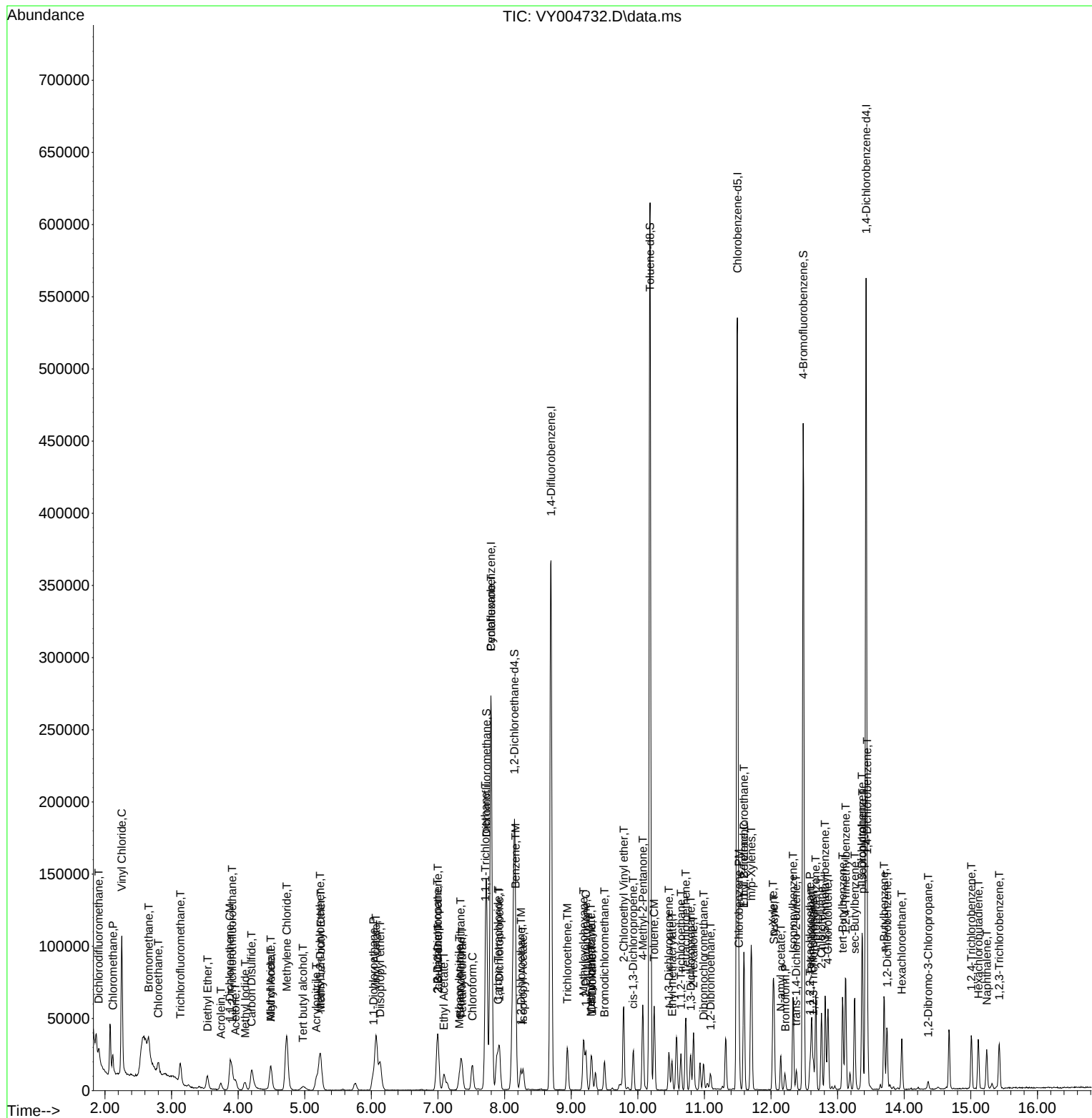
Quant Time: May 11 04:34:13 2021
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QLast Update : Tue May 11 04:33:19 2021
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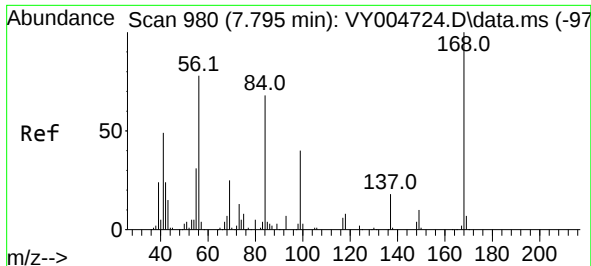
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-OT2-2021

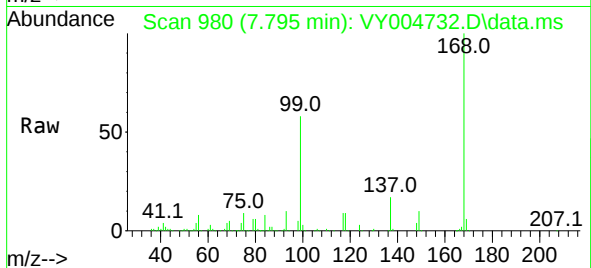
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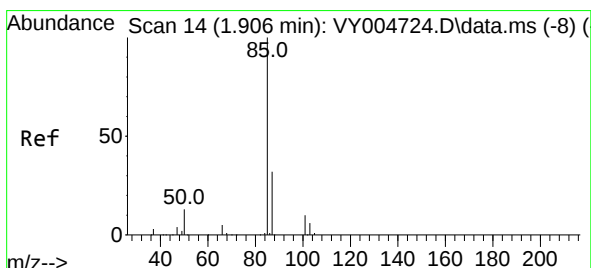
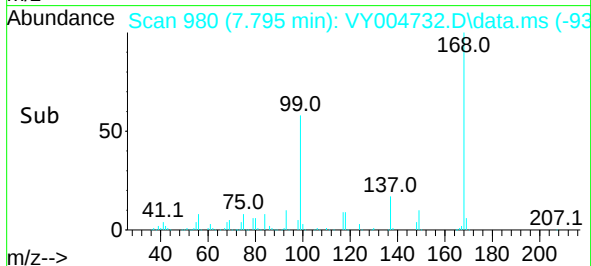
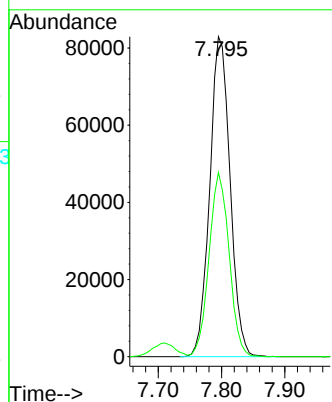


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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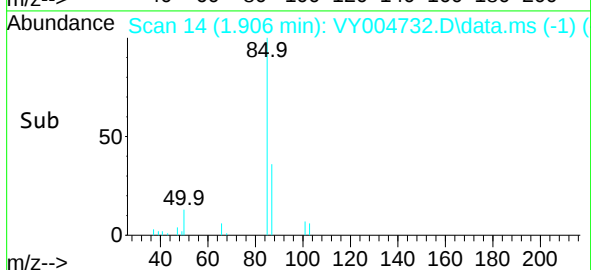
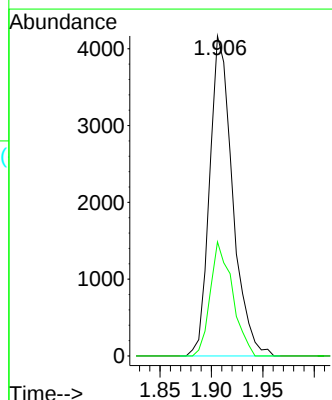
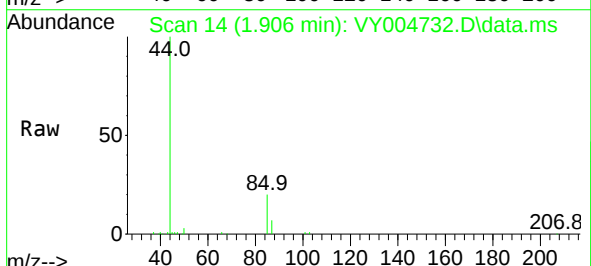


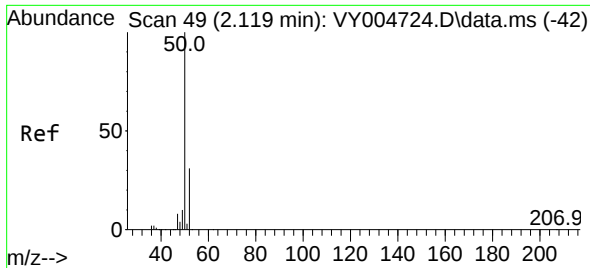
Tgt Ion:168 Resp: 185322
Ion Ratio Lower Upper
168 100
99 57.6 45.6 68.4



#2
Dichlorodifluoromethane
Concen: 3.81 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

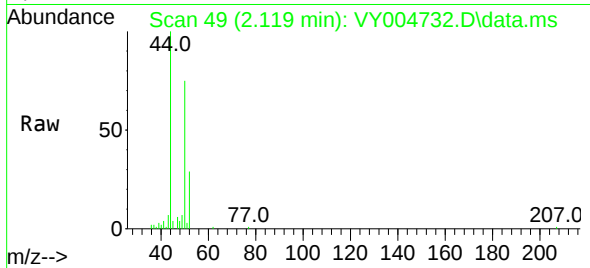
Tgt Ion: 85 Resp: 6465
Ion Ratio Lower Upper
85 100
87 35.7 16.2 48.5



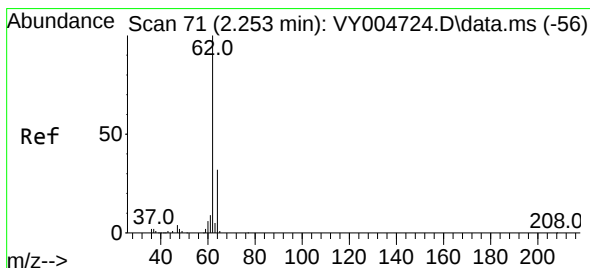
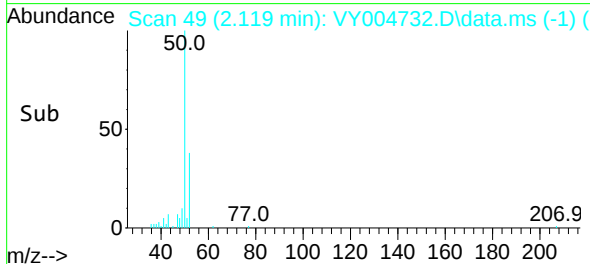
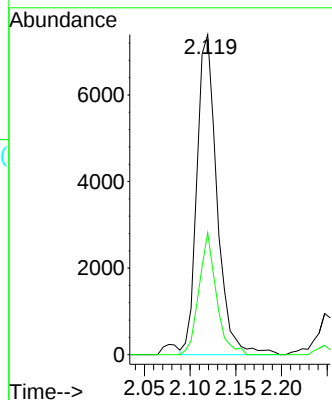


#3
Chloromethane
Concen: 4.12 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004732.D
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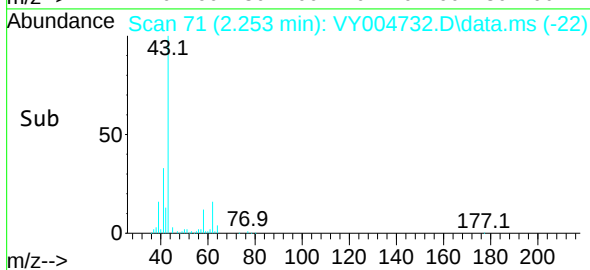
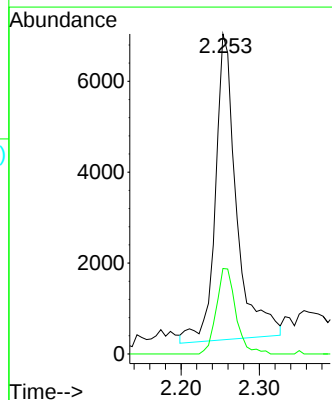
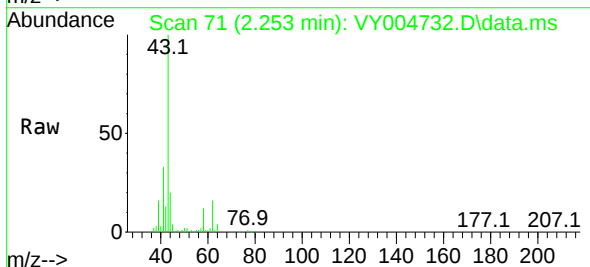


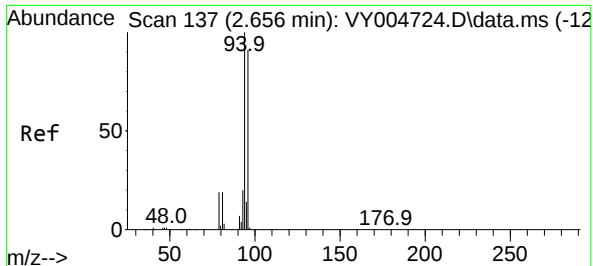
Tgt Ion: 50 Resp: 11332
Ion Ratio Lower Upper
50 100
52 38.1 25.0 37.6#



#4
Vinyl Chloride
Concen: 4.50 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 62 Resp: 12651
Ion Ratio Lower Upper
62 100
64 28.3 25.4 38.2

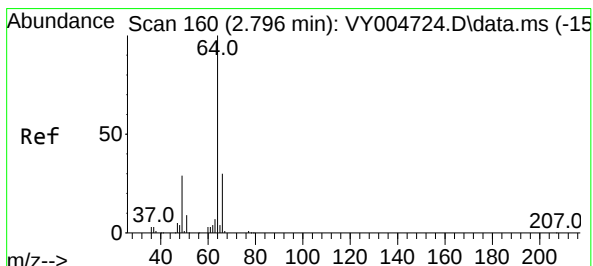
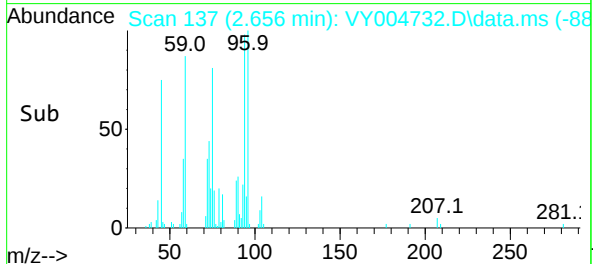
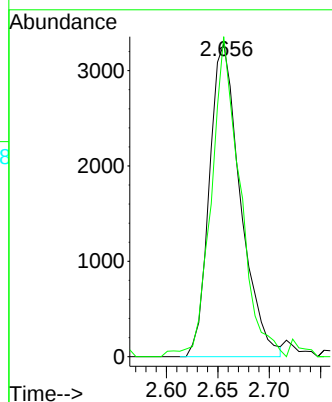
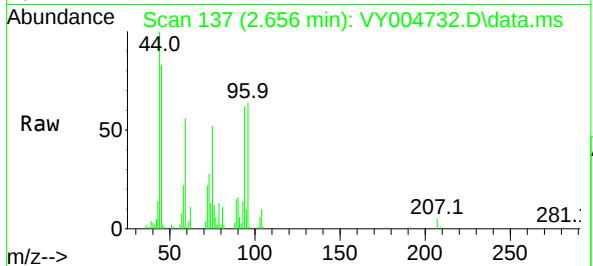




#5
Bromomethane
Concen: 4.79 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

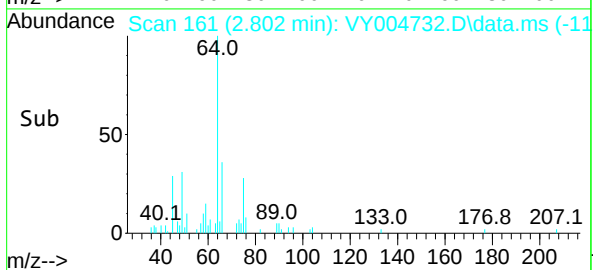
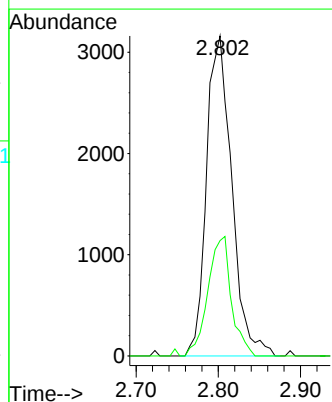
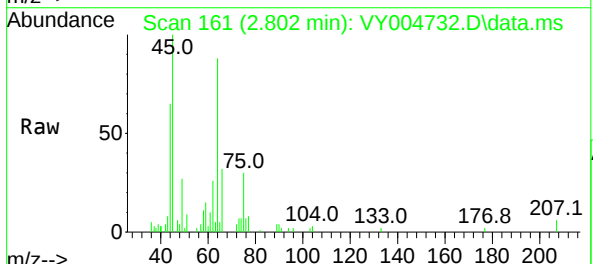
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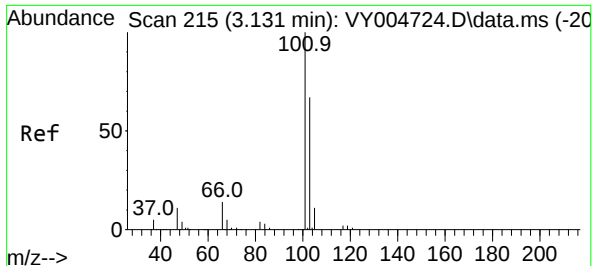
Tgt Ion: 94 Resp: 6878
Ion Ratio Lower Upper
94 100
96 100.5 72.6 109.0



#6
Chloroethane
Concen: 4.07 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 64 Resp: 6752
Ion Ratio Lower Upper
64 100
66 36.1 23.7 35.5#

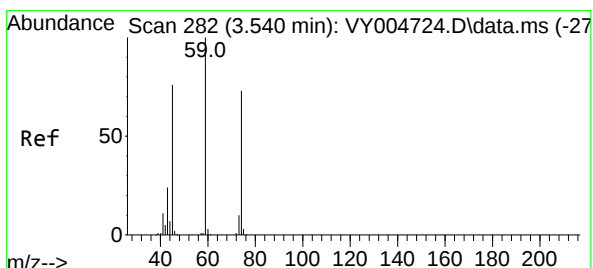
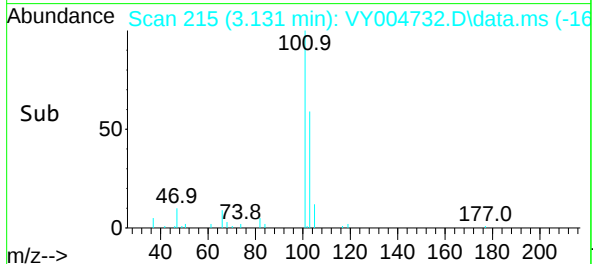
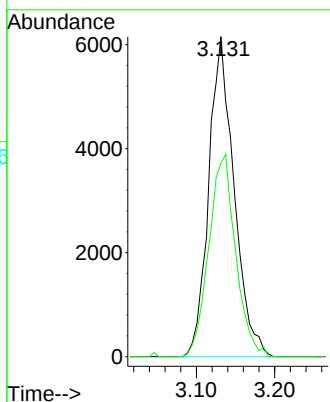
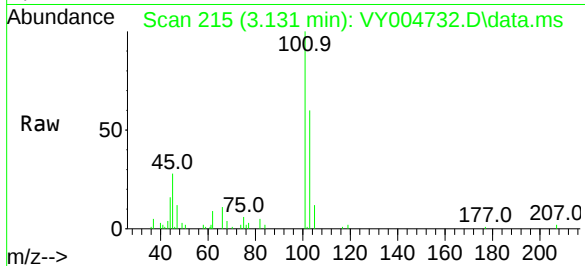




#7
Trichlorofluoromethane
Concen: 4.13 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

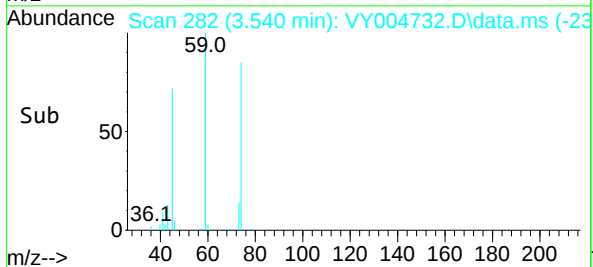
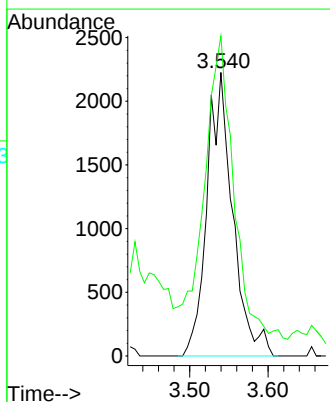
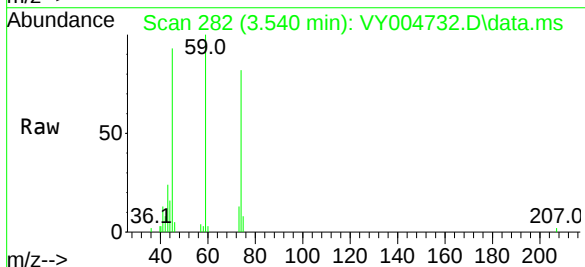
Instrument :
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Tgt Ion:101 Resp: 13790
Ion Ratio Lower Upper
101 100
103 60.4 53.4 80.2



#8
Diethyl Ether
Concen: 4.29 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

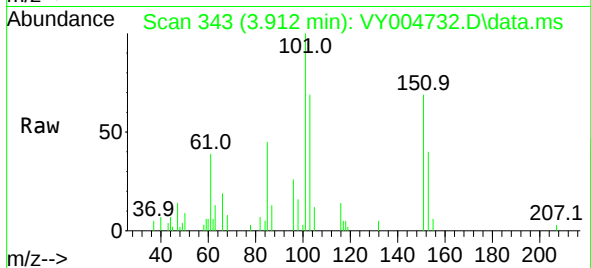
Tgt Ion: 74 Resp: 5068
Ion Ratio Lower Upper
74 100
45 121.7 53.9 161.8



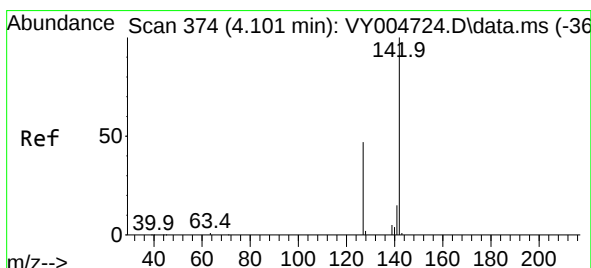
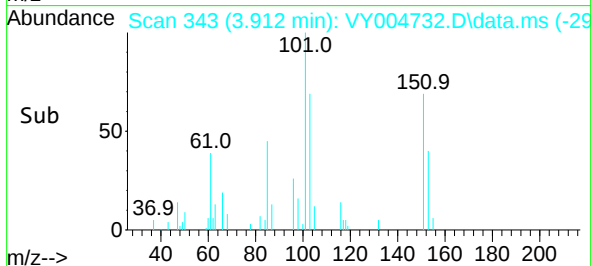
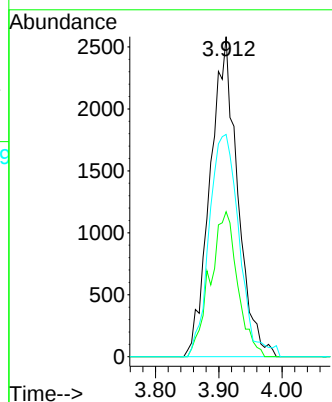


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.11 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY004732.D
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LOD-MDL-SOIL-01-QT2-2021

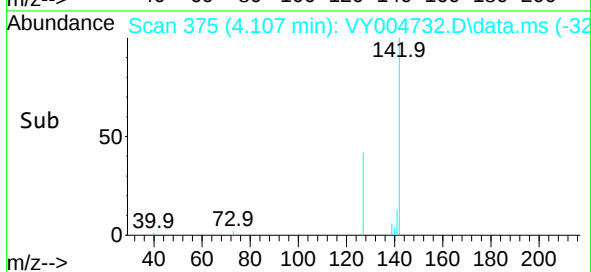
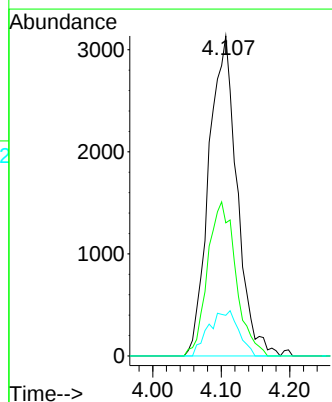
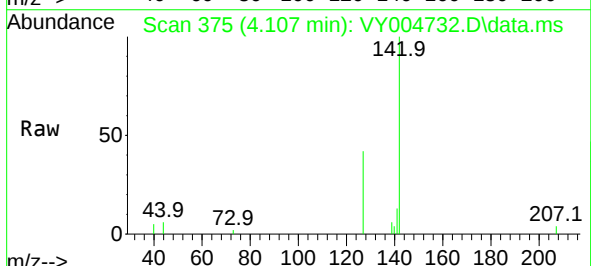


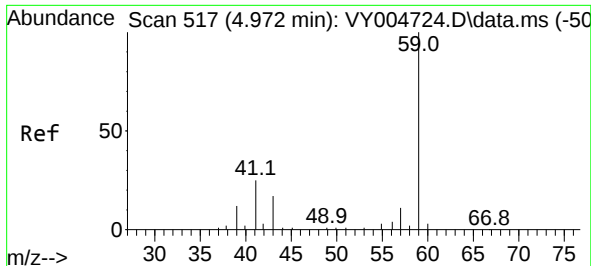
Tgt Ion:101 Resp: 7790
Ion Ratio Lower Upper
101 100
85 45.1 38.2 57.4
151 75.7 61.4 92.0



#10
Methyl Iodide
Concen: 4.41 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

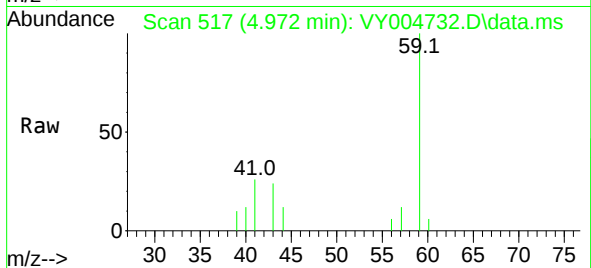
Tgt Ion:142 Resp: 8941
Ion Ratio Lower Upper
142 100
127 48.5 37.1 55.7
141 15.0 11.9 17.9



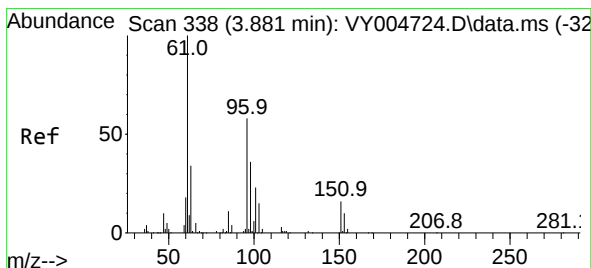
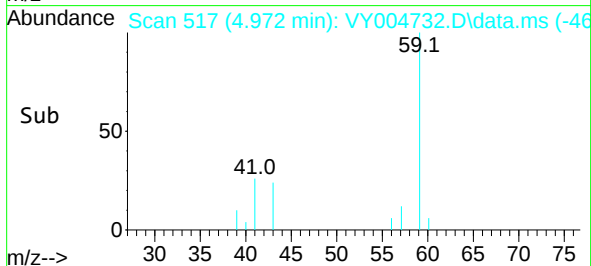
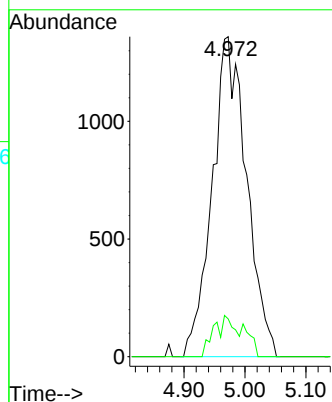


#11
Tert butyl alcohol
Concen: 24.00 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

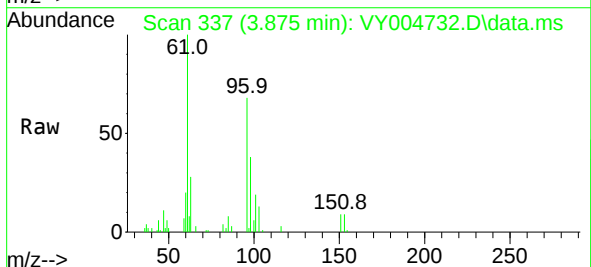
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



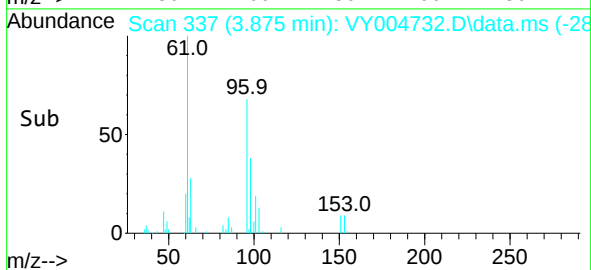
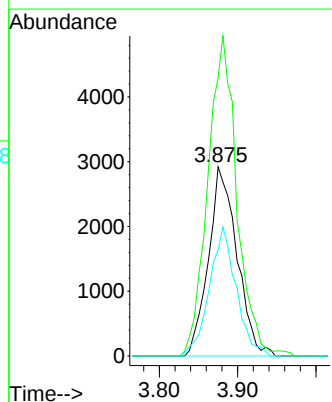
Tgt Ion: 59 Resp: 5320
Ion Ratio Lower Upper
59 100
57 2.3 8.7 13.1#

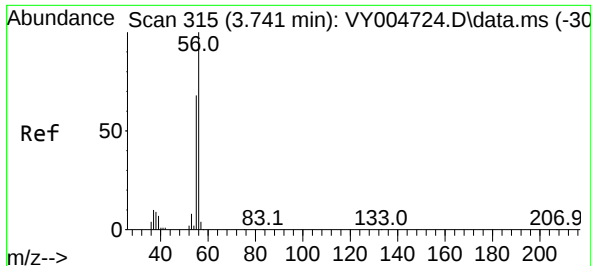


#12
1,1-Dichloroethene
Concen: 4.03 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



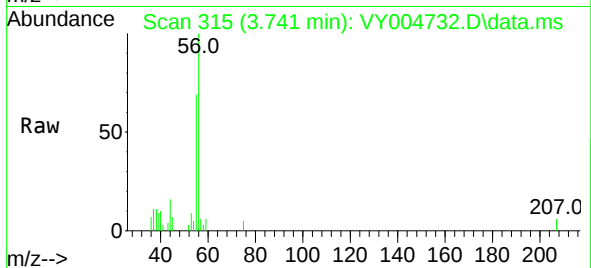
Tgt Ion: 96 Resp: 7383
Ion Ratio Lower Upper
96 100
61 147.1 137.5 206.3
98 56.2 50.2 75.2



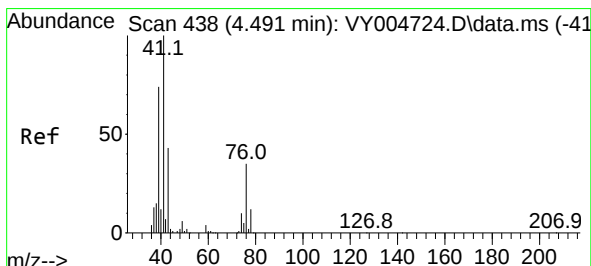
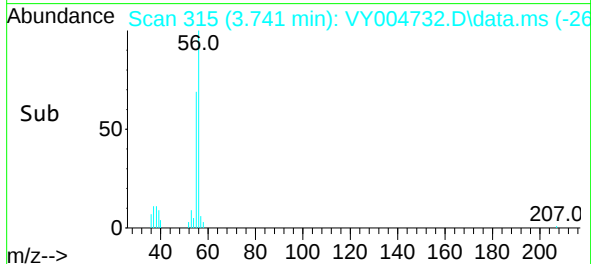
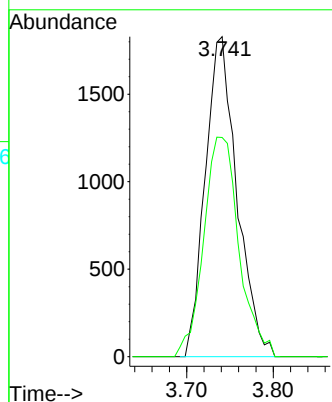


#13
Acrolein
Concen: 17.86 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

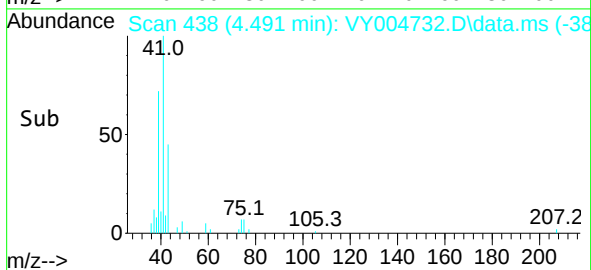
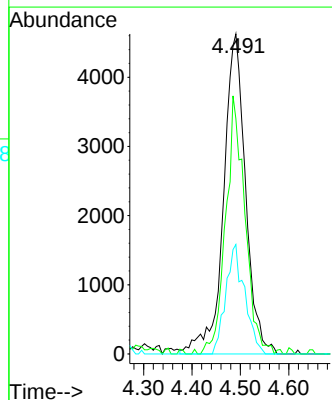
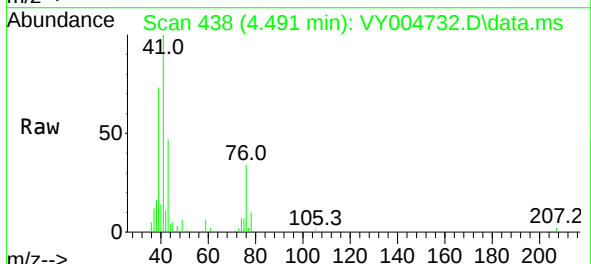


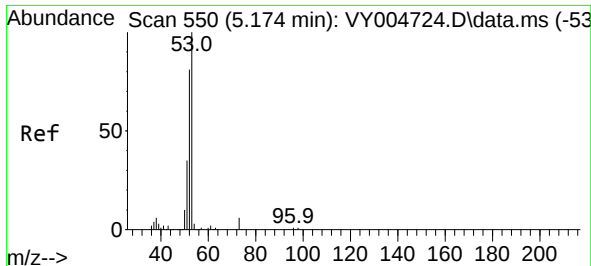
Tgt Ion: 56 Resp: 4655
Ion Ratio Lower Upper
56 100
55 76.3 55.3 82.9



#14
Allyl chloride
Concen: 4.10 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 41 Resp: 14681
Ion Ratio Lower Upper
41 100
39 70.7 56.1 84.1
76 29.3 26.2 39.4

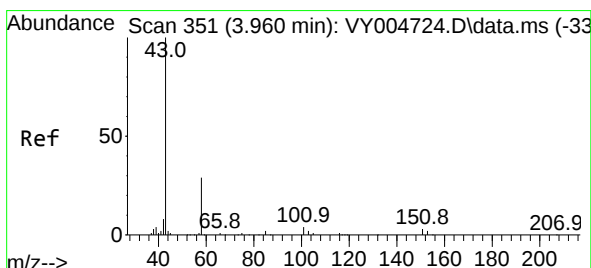
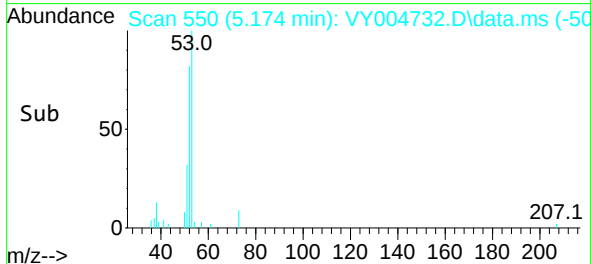
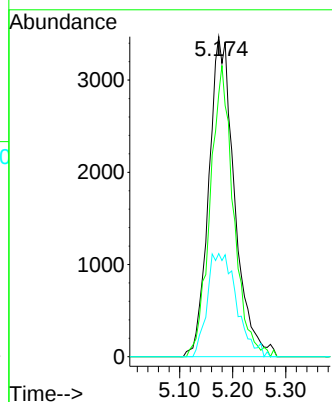
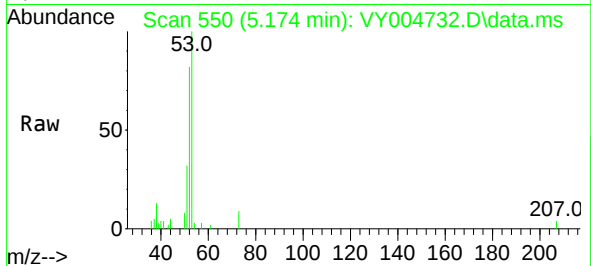




#15
Acrylonitrile
Concen: 19.78 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

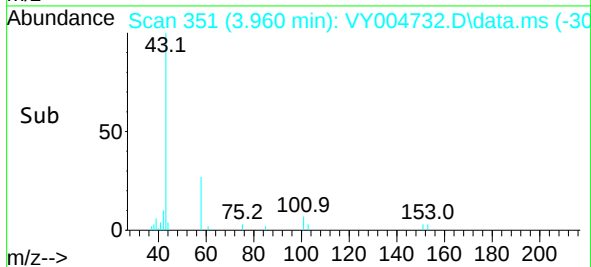
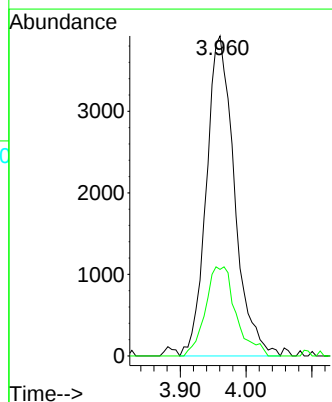
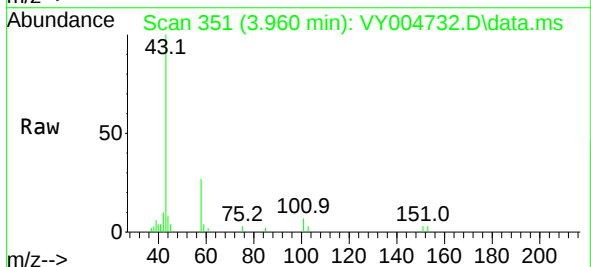
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

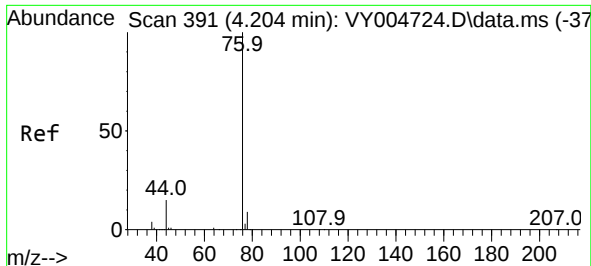
Tgt Ion: 53	Resp: 11704
Ion Ratio	Lower Upper
53 100	
52 82.5	65.0 97.6
51 36.7	29.3 43.9



#16
Acetone
Concen: 23.47 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

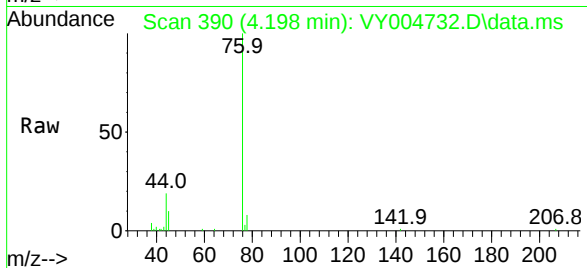
Tgt Ion: 43	Resp: 11630
Ion Ratio	Lower Upper
43 100	
58 27.1	23.6 35.4



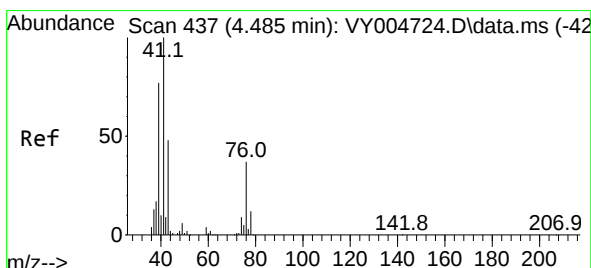
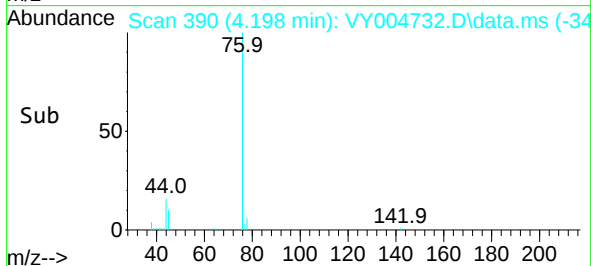
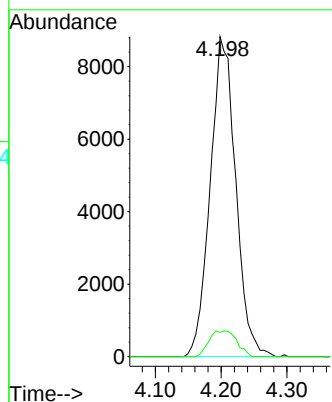


#17
Carbon Disulfide
Concen: 4.25 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

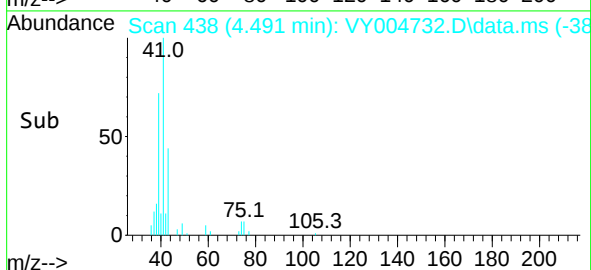
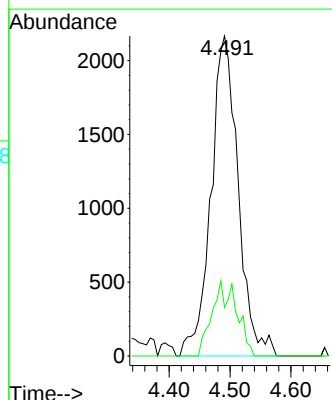
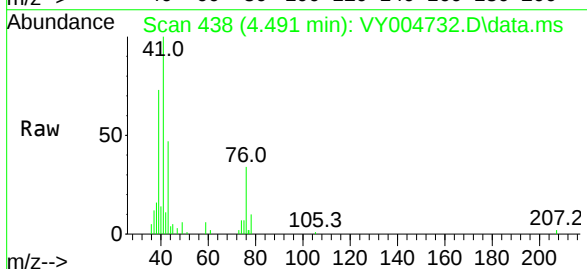


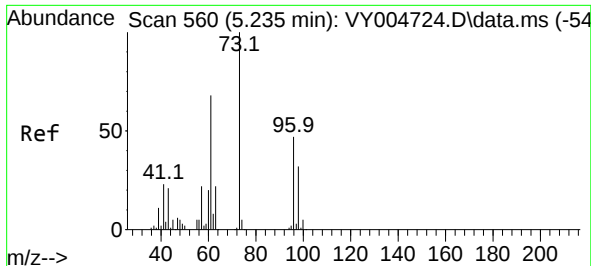
Tgt Ion: 76 Resp: 23754
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8



#18
Methyl Acetate
Concen: 4.25 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 43 Resp: 6720
Ion Ratio Lower Upper
43 100
74 21.2 16.6 24.8

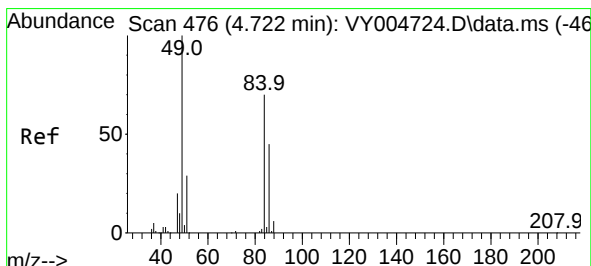
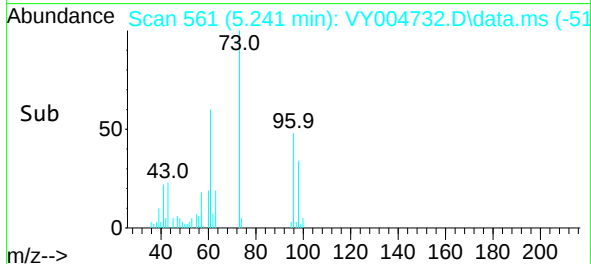
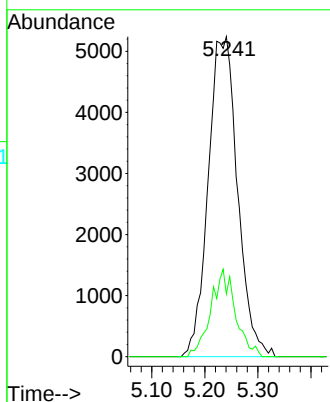
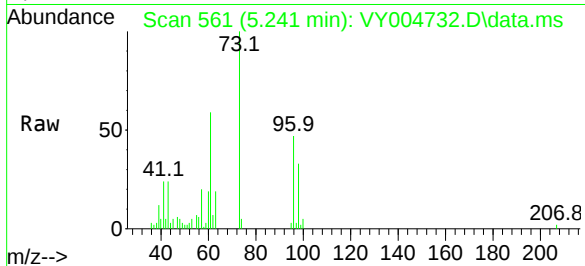




#19
Methyl tert-butyl Ether
Concen: 3.99 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

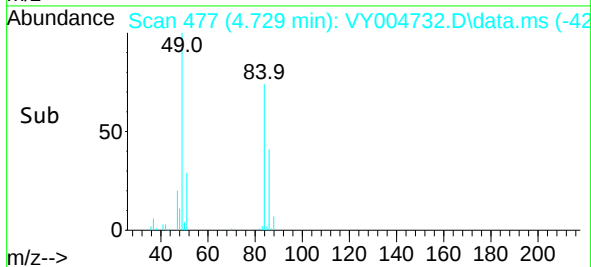
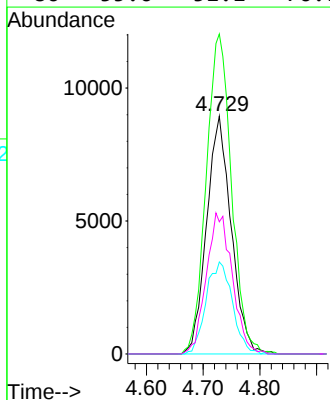
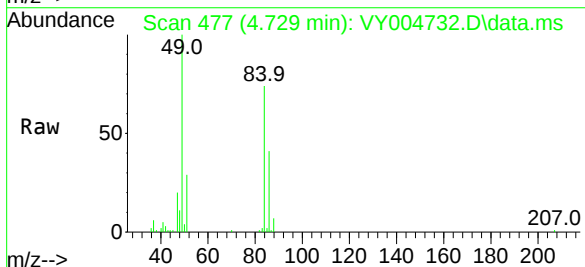
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion: 73 Resp: 20115
Ion Ratio Lower Upper
73 100
57 19.6 17.9 26.9



#20
Methylene Chloride
Concen: 8.49 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

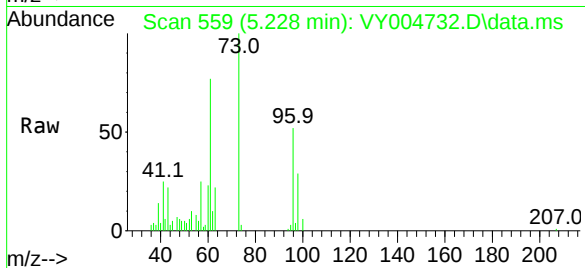
Tgt Ion: 84 Resp: 26959
Ion Ratio Lower Upper
84 100
49 134.6 113.8 170.8
51 38.7 33.5 50.3
86 55.6 51.1 76.7





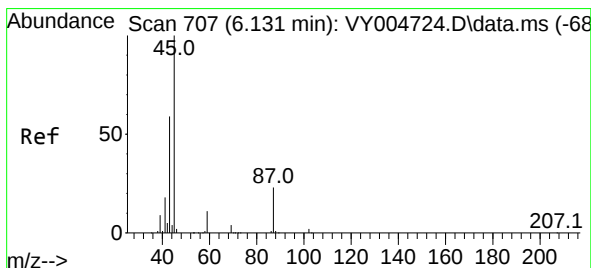
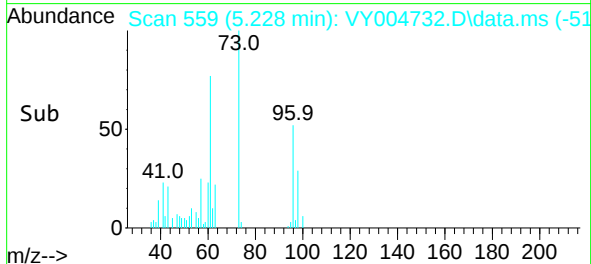
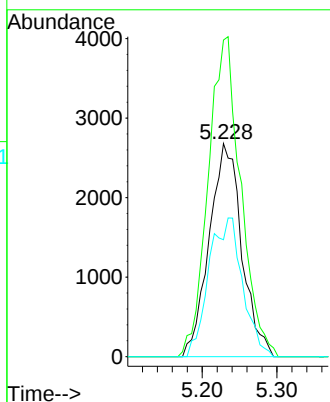
#21
trans-1,2-Dichloroethene
Concen: 3.90 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

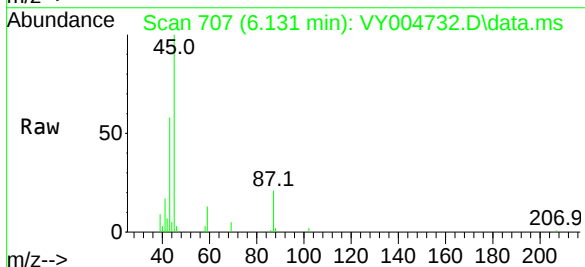


Tgt Ion: 96 Resp: 8108

Ion	Ratio	Lower	Upper
96	100		
61	148.5	115.5	173.3
98	54.9	50.6	75.8

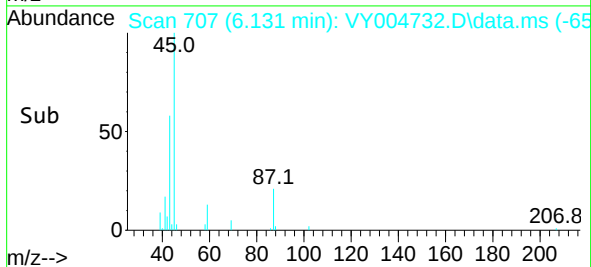
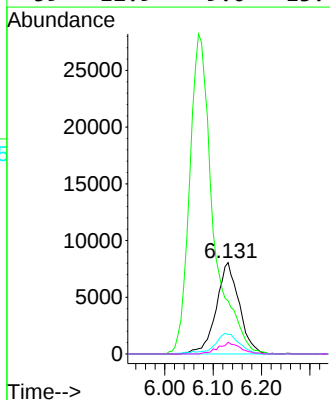


#22
Diisopropyl ether
Concen: 3.86 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



Tgt Ion: 45 Resp: 26551

Ion	Ratio	Lower	Upper
45	100		
43	58.2	47.7	71.5
87	21.3	18.9	28.3
59	12.9	9.0	13.4

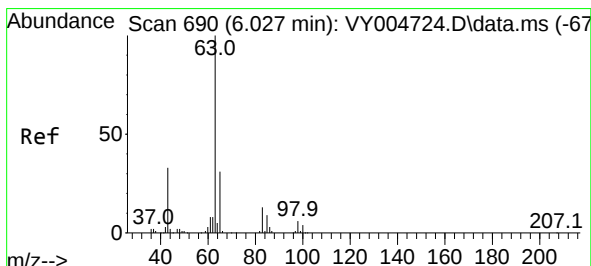
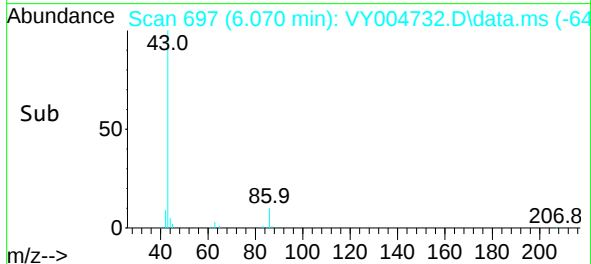
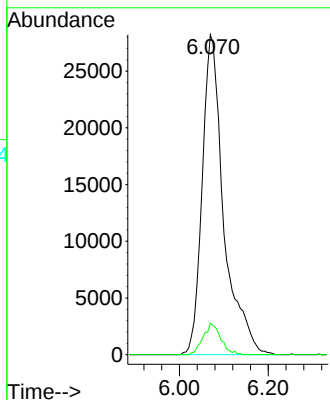
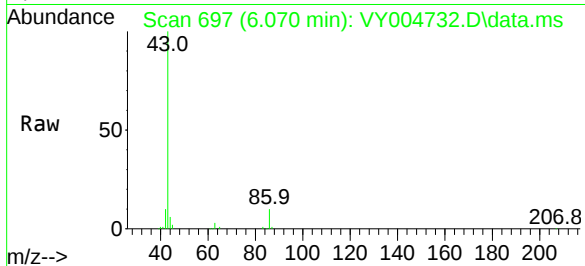




#23
 Vinyl Acetate
 Concen: 18.40 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY004732.D
 Acq: 10 May 2021 16:16

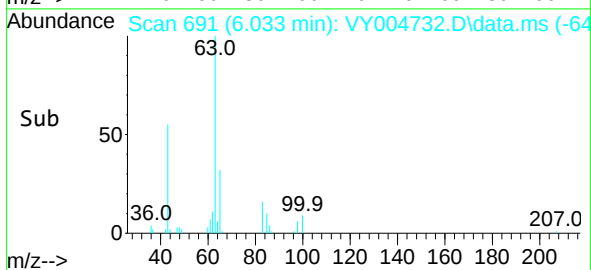
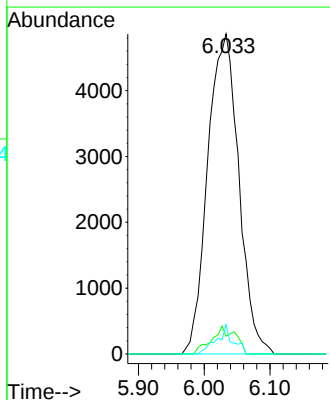
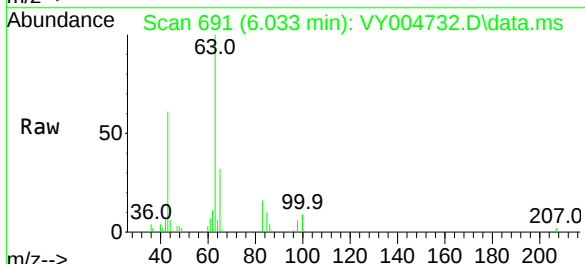
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

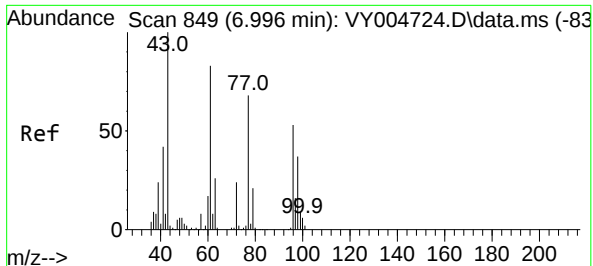
Tgt Ion: 43 Resp: 95145
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 4.13 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY004732.D
 Acq: 10 May 2021 16:16

Tgt Ion: 63 Resp: 15985
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.4
 100 9.2 2.0 6.0#





#25

2-Butanone

Concen: 19.07 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004732.D

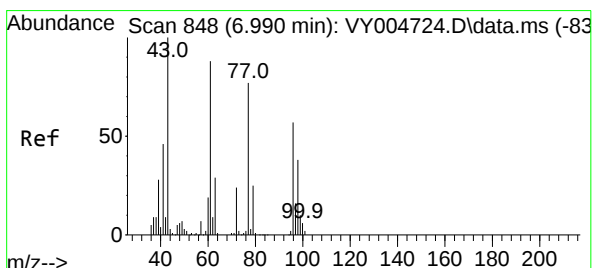
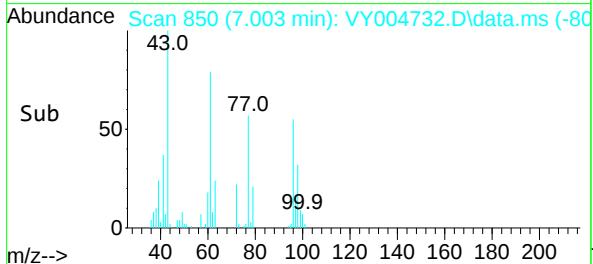
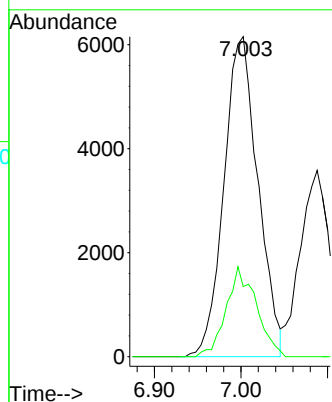
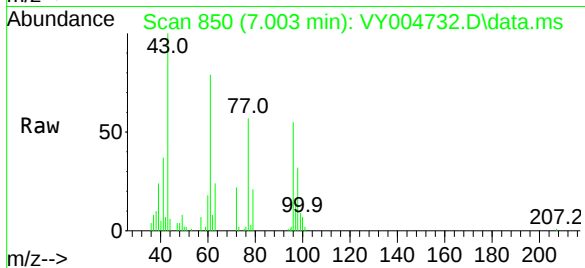
Acq: 10 May 2021 16:16

Tgt Ion: 43 Resp: 16788

Ion Ratio Lower Upper

43 100

72 22.0 19.4 29.0



#26

2,2-Dichloropropane

Concen: 3.98 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY004732.D

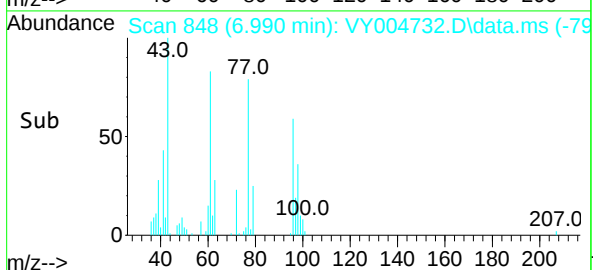
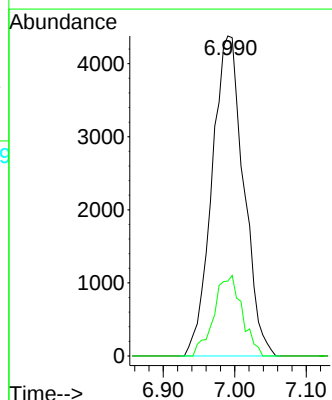
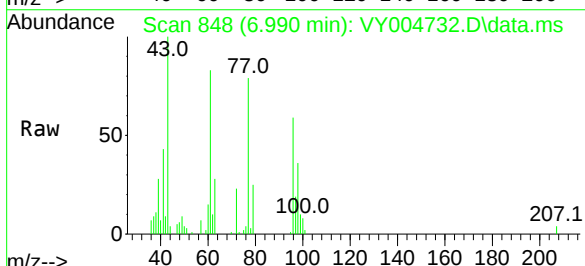
Acq: 10 May 2021 16:16

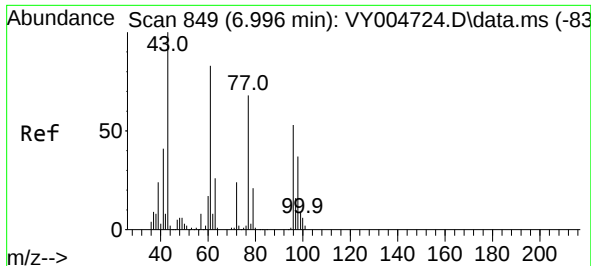
Tgt Ion: 77 Resp: 13484

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 4.11 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

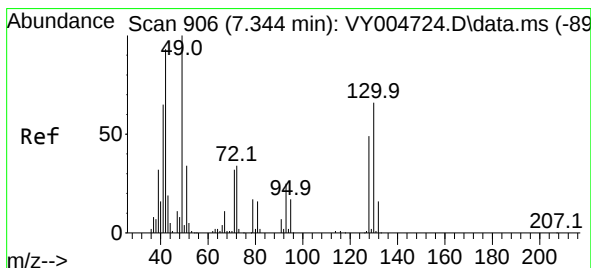
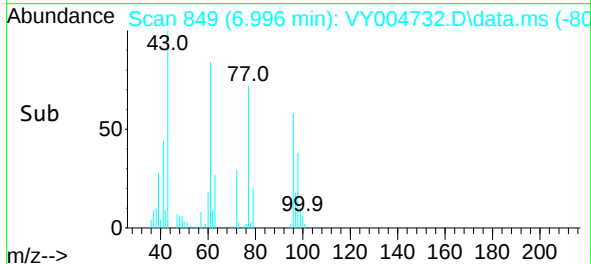
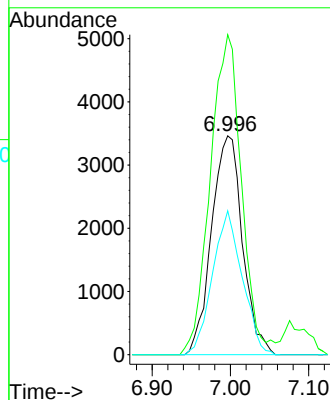
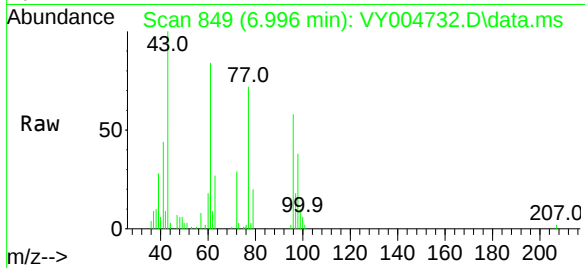
Tgt Ion: 96 Resp: 9496

Ion Ratio Lower Upper

96 100

61 148.1 0.0 308.4

98 63.2 0.0 132.0



#28

Bromochloromethane

Concen: 3.69 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

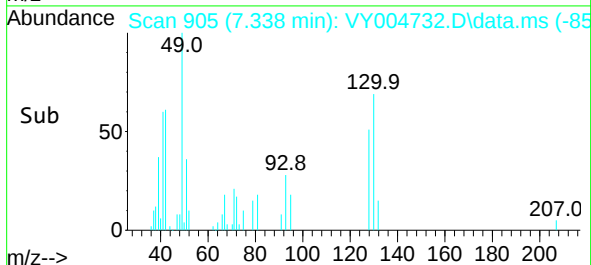
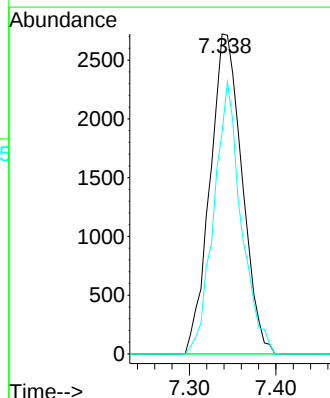
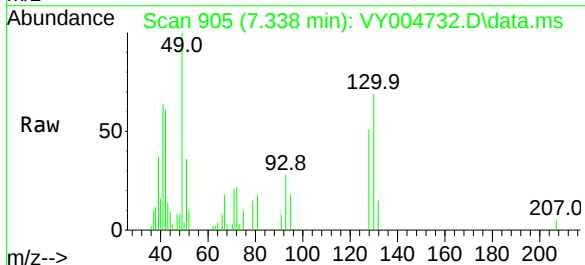
Tgt Ion: 49 Resp: 6988

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 72.8 52.8 79.2





#29

Tetrahydrofuran

Concen: 17.92 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY004732.D

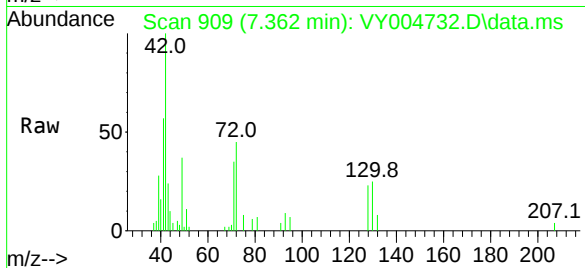
Acq: 10 May 2021 16:16

Instrument :

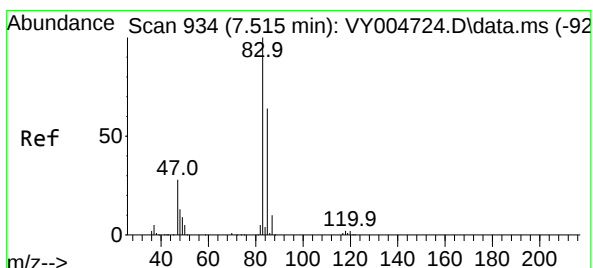
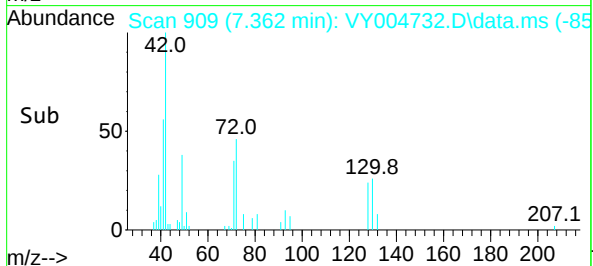
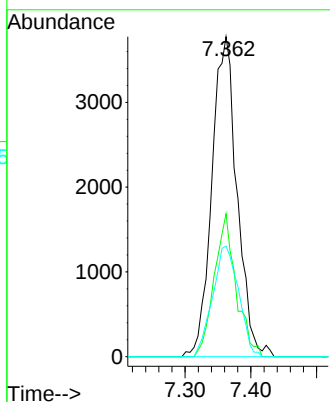
MSVOA_Y

ClientSampleId :

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Tgt Ion:	42	Resp:	10062
Ion Ratio	Lower	Upper	
42	100		
72	38.7	29.4	44.0
71	35.8	28.0	42.0



#30

Chloroform

Concen: 4.17 ug/l

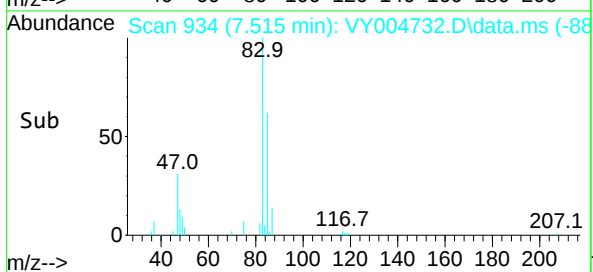
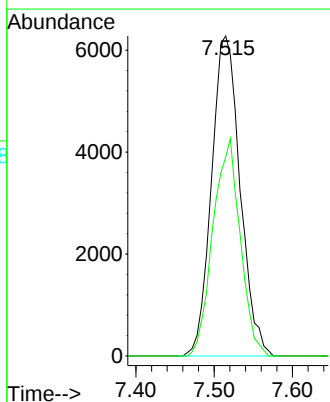
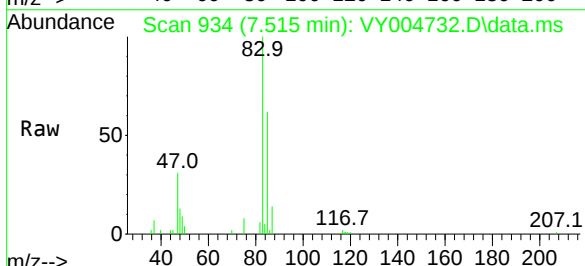
RT: 7.515 min Scan# 934

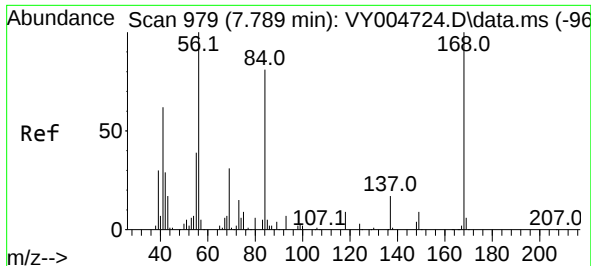
Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

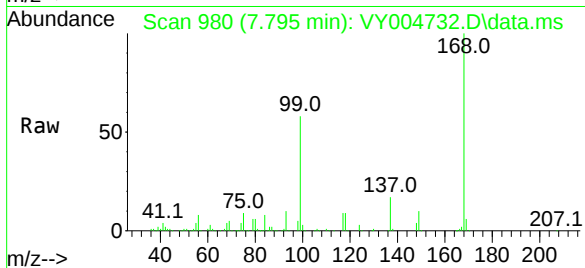
Tgt Ion:	83	Resp:	15911
Ion Ratio	Lower	Upper	
83	100		
85	62.2	51.3	76.9



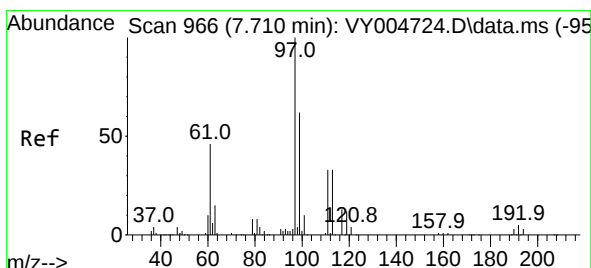
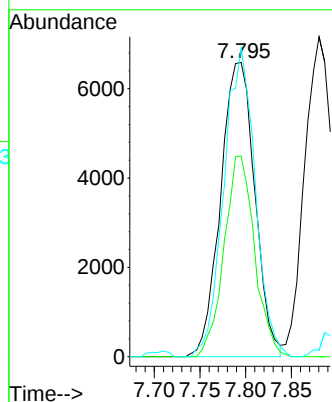
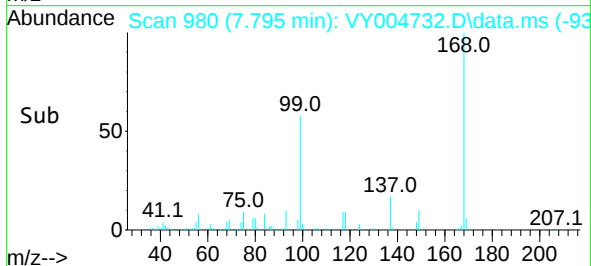


#31
Cyclohexane
Concen: 4.80 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

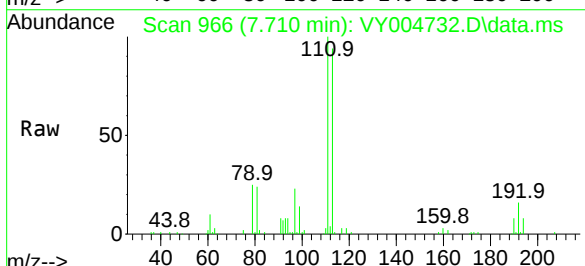
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



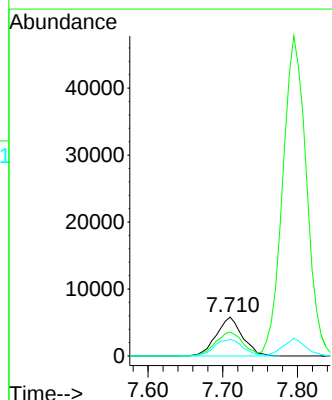
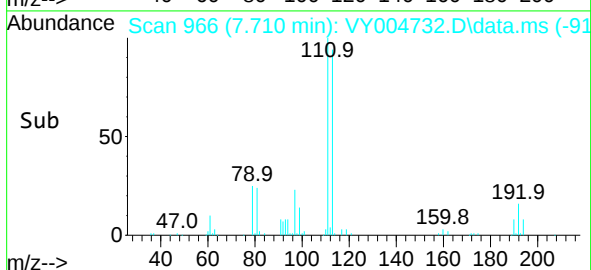
Tgt Ion: 56 Resp: 17151
Ion Ratio Lower Upper
56 100
69 68.2 24.4 36.6#
84 105.0 64.8 97.2#

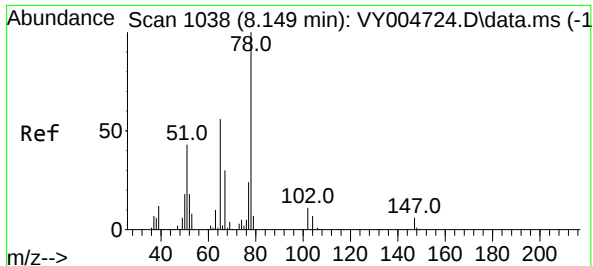


#32
1,1,1-Trichloroethane
Concen: 4.09 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



Tgt Ion: 97 Resp: 14000
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 46.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.51 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion: 65 Resp: 118041

Ion Ratio Lower Upper

65 100

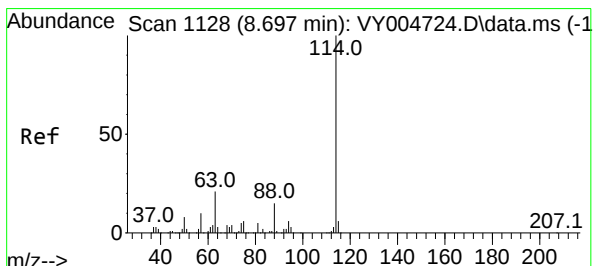
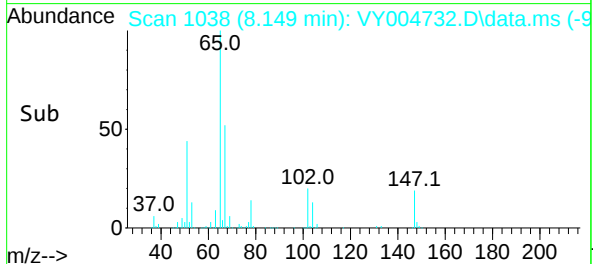
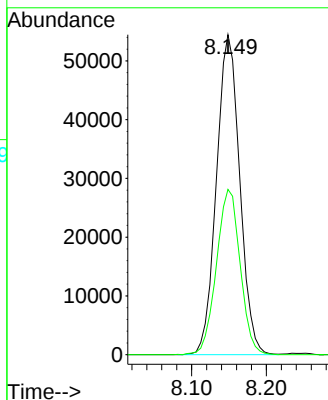
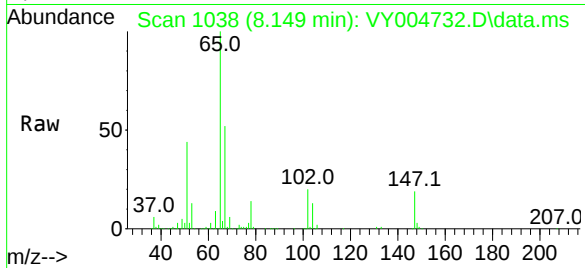
67 52.6 0.0 108.0

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

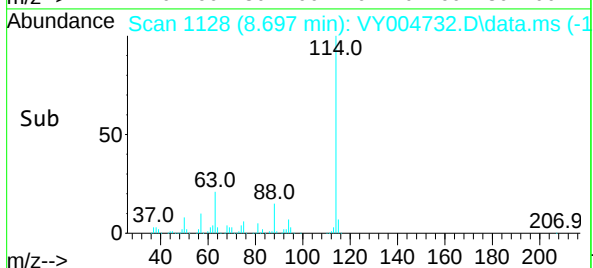
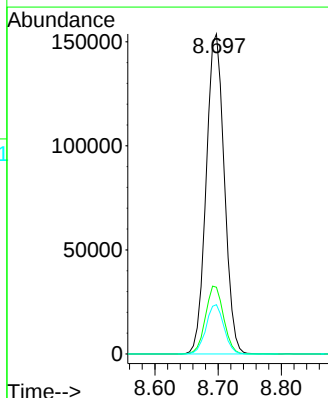
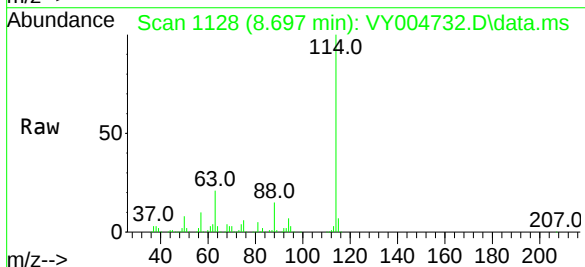
Tgt Ion: 114 Resp: 305472

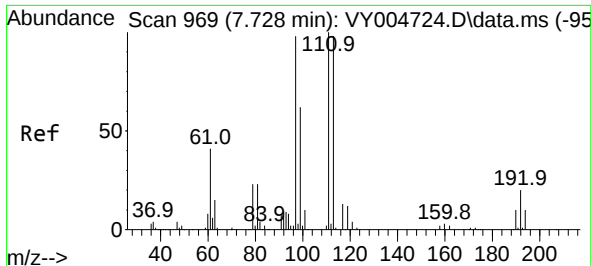
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.4 0.0 31.0

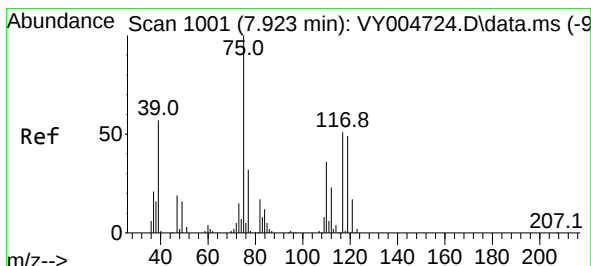
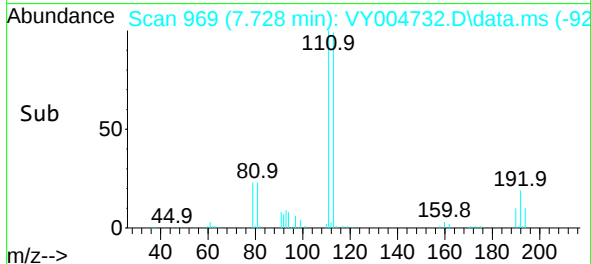
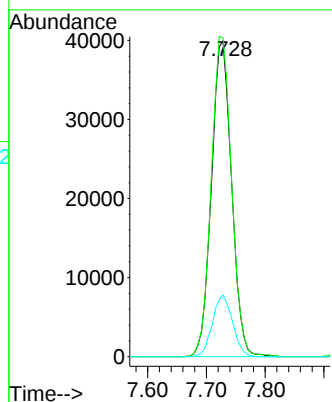
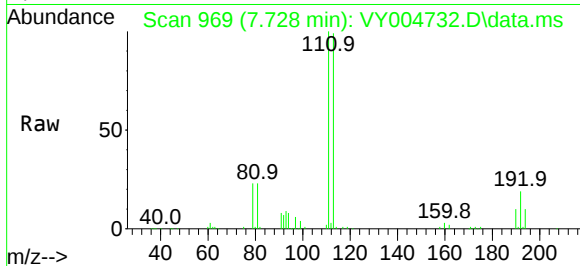




#35
Dibromofluoromethane
Concen: 56.83 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

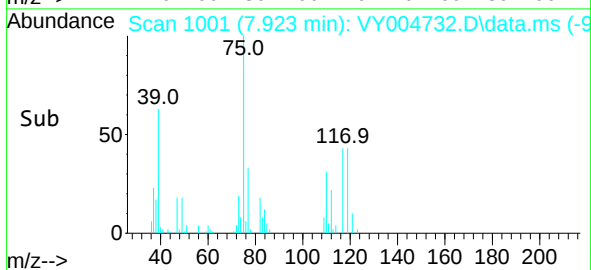
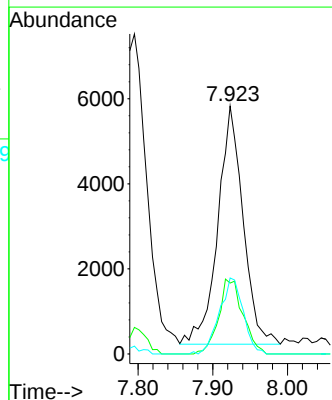
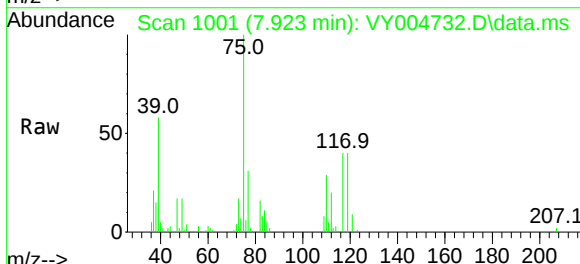
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

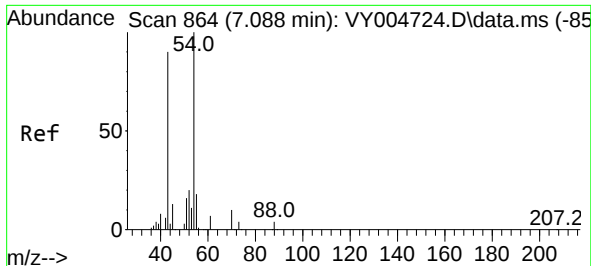
Tgt Ion:	113	Resp:	95029
Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.5	120.7
192	19.4	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	75	Resp:	13167
Ion	Ratio	Lower	Upper
75	100		
110	30.1	17.0	50.9
77	30.0	25.0	37.4





#37

Ethyl Acetate

Concen: 4.23 ug/l

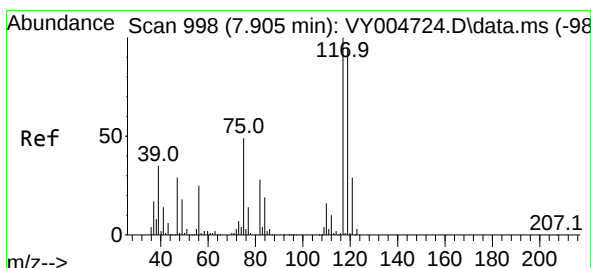
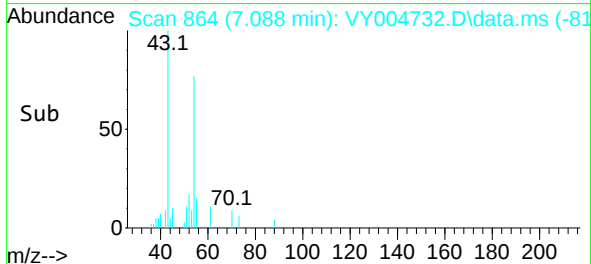
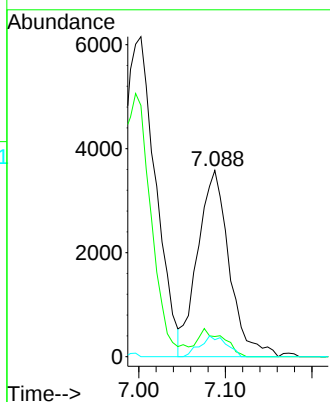
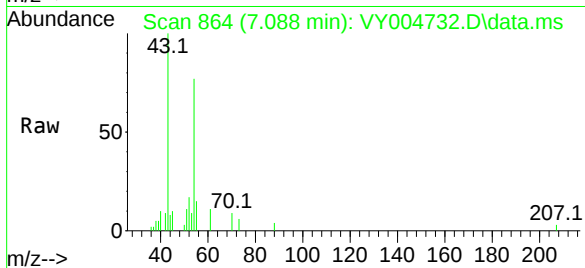
RT: 7.088 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	43	Resp:	9085
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	9.3	6.7	10.1



#38

Carbon Tetrachloride

Concen: 3.54 ug/l

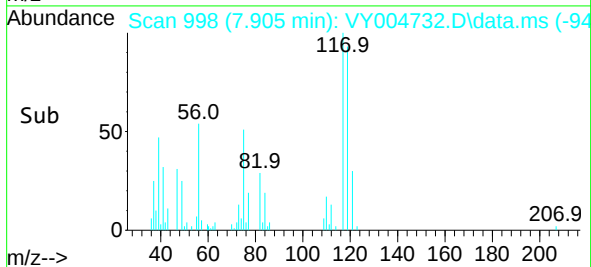
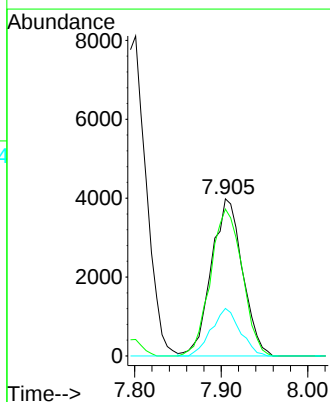
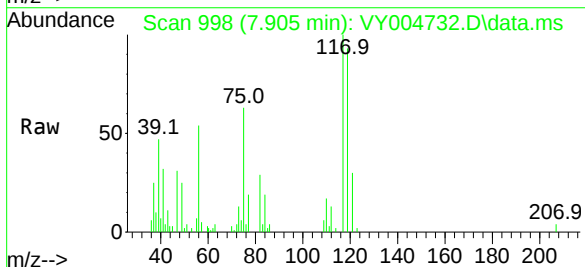
RT: 7.905 min Scan# 998

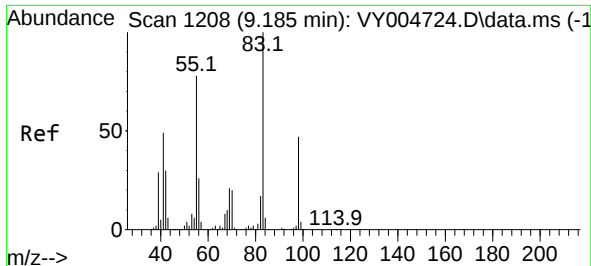
Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	117	Resp:	9971
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.3	114.5
121	30.2	23.0	34.6





#39

Methylcyclohexane

Concen: 3.86 ug/l

RT: 9.185 min Scan# 1208

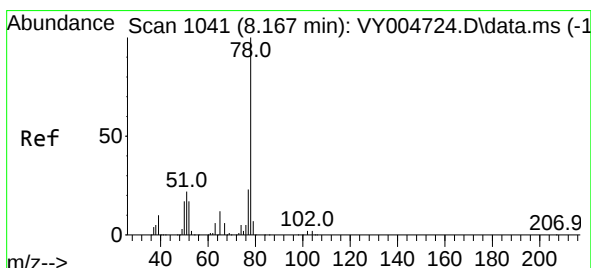
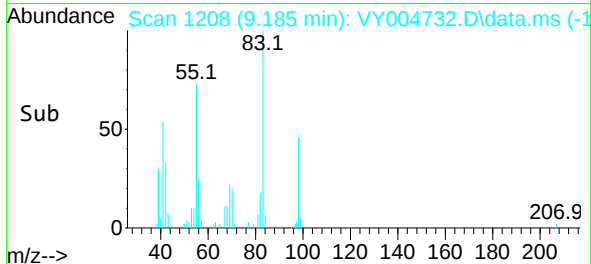
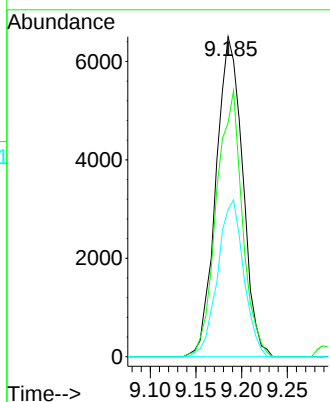
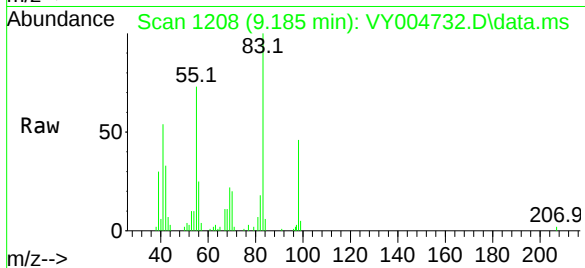
Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	83	Resp:	13190
Ion	Ratio	Lower	Upper
83	100		
55	73.1	62.6	94.0
98	46.1	37.8	56.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



#40

Benzene

Concen: 3.96 ug/l

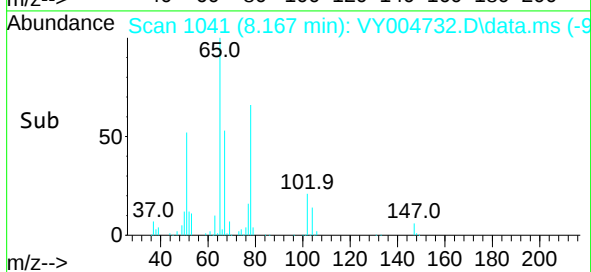
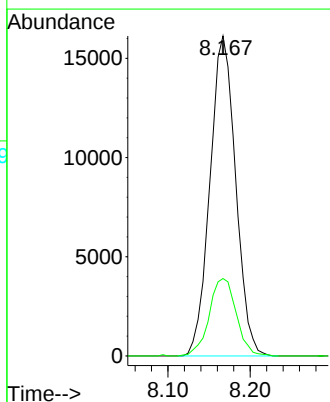
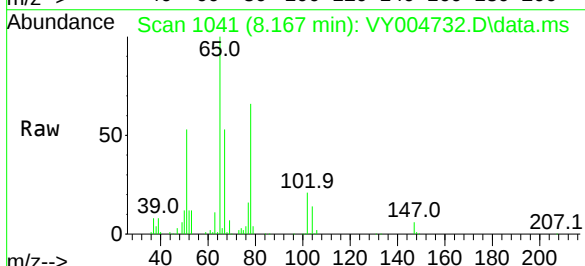
RT: 8.167 min Scan# 1041

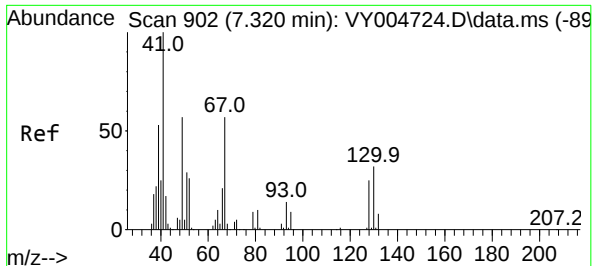
Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	78	Resp:	35028
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.4	27.6

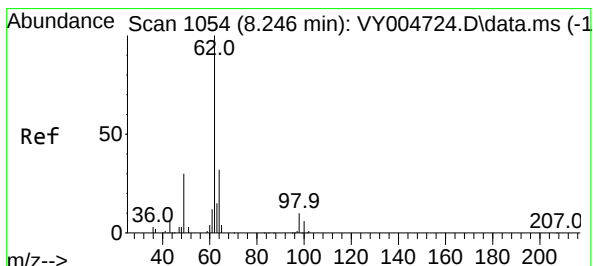
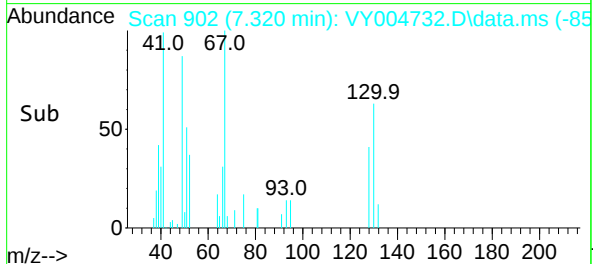
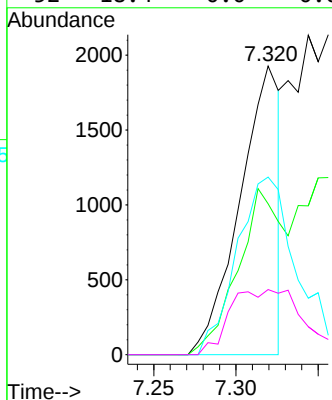
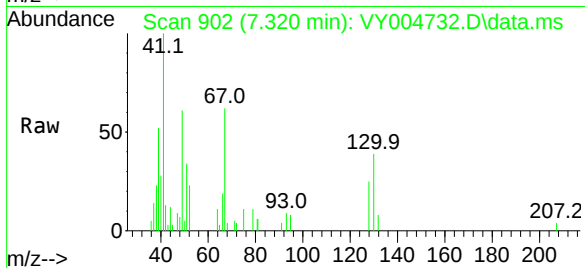




#41
Methacrylonitrile
Concen: 2.80 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

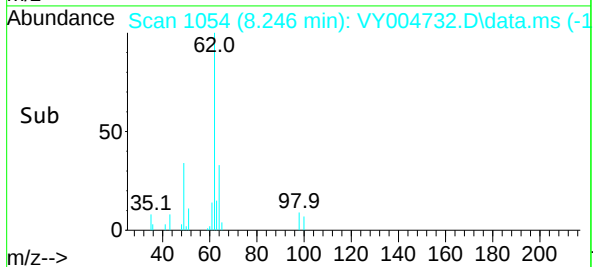
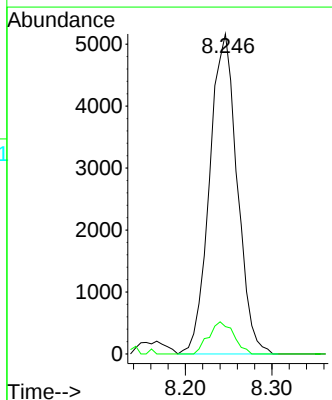
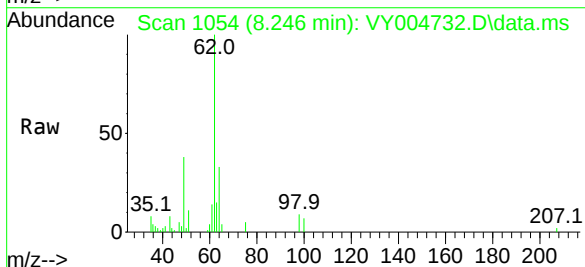
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

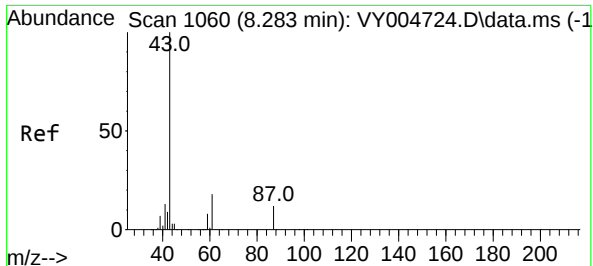
Tgt Ion:	41	Resp:	3284
Ion	Ratio	Lower	Upper
41	100		
39	66.0	0.0	0.0#
67	90.0	0.0	0.0#
52	18.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 4.10 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	62	Resp:	11448
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 3.74 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

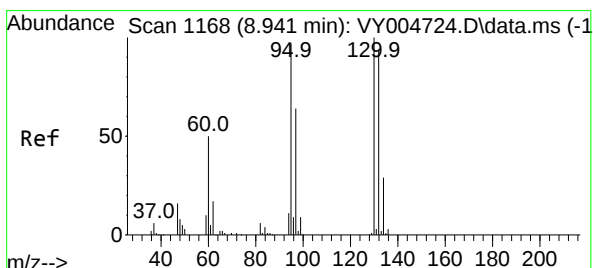
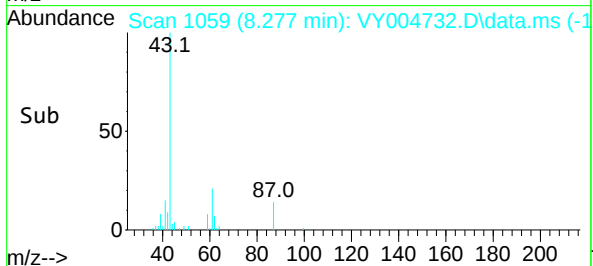
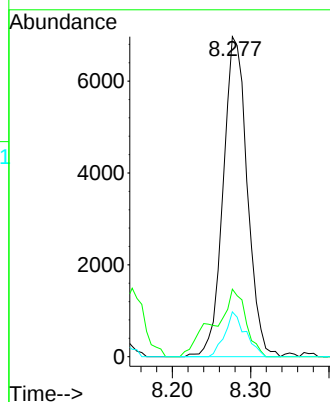
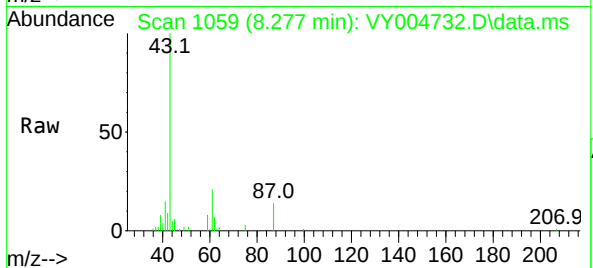
Tgt Ion:	43	Resp:	14881
Ion	Ratio	Lower	Upper
43	100		
61	18.1	20.3	30.5#
87	12.0	9.2	13.8

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#44

Trichloroethene

Concen: 4.13 ug/l

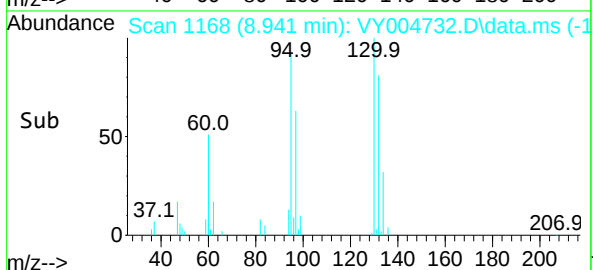
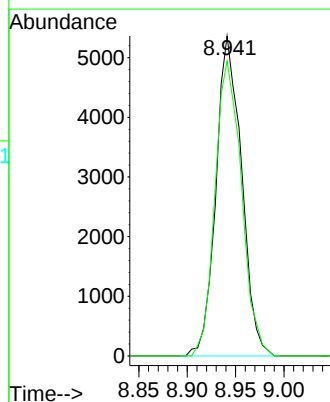
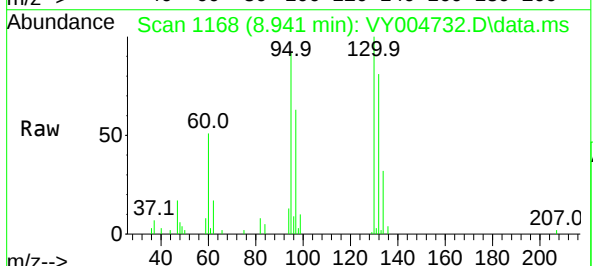
RT: 8.941 min Scan# 1168

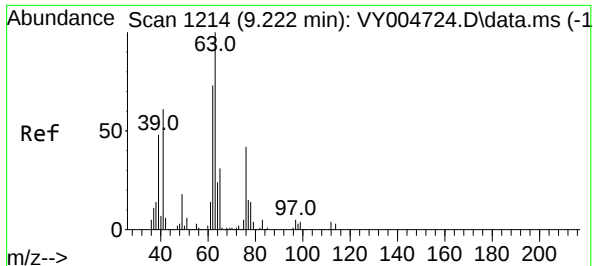
Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	130	Resp:	9833
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	193.6





#45

1,2-Dichloropropane

Concen: 4.06 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Instrument :

MSVOA_Y

ClientSampleId :

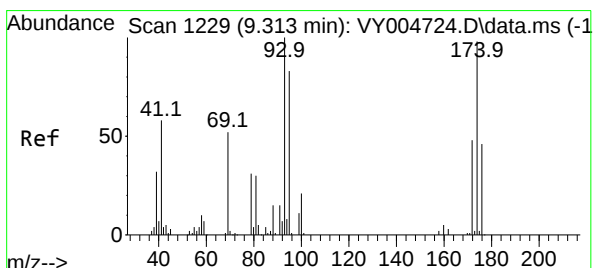
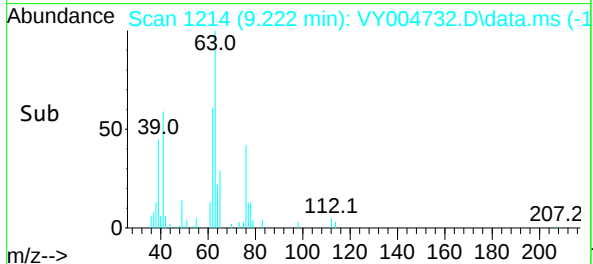
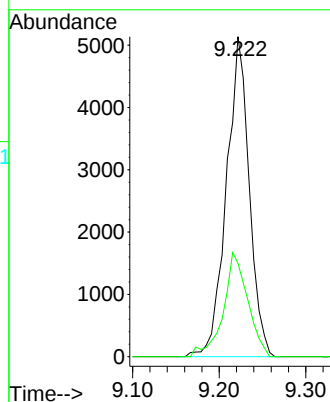
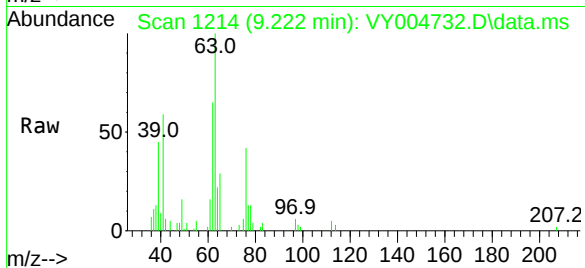
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion: 63 Resp: 9395

Ion Ratio Lower Upper

63 100

65 29.2 25.0 37.4



#46

Dibromomethane

Concen: 3.96 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

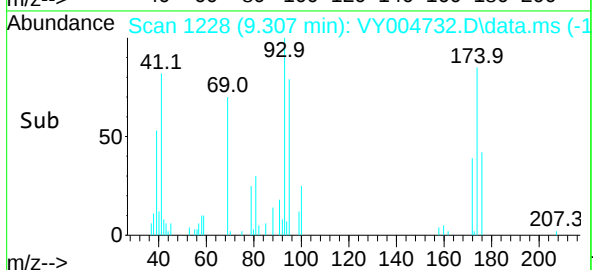
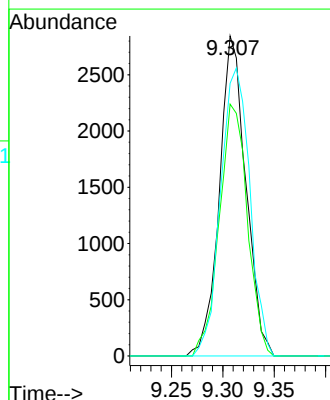
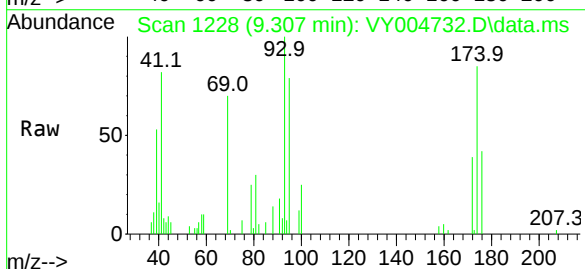
Tgt Ion: 93 Resp: 5097

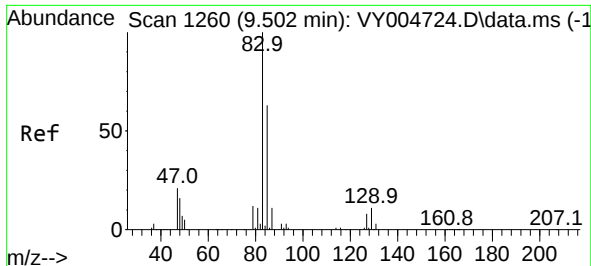
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 99.3 75.9 113.9

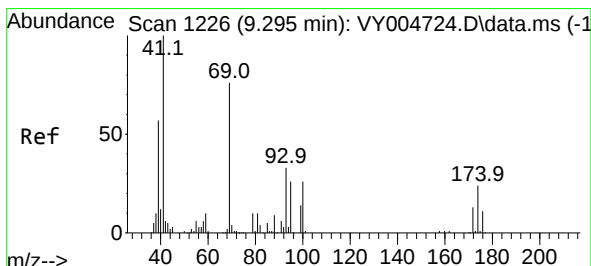
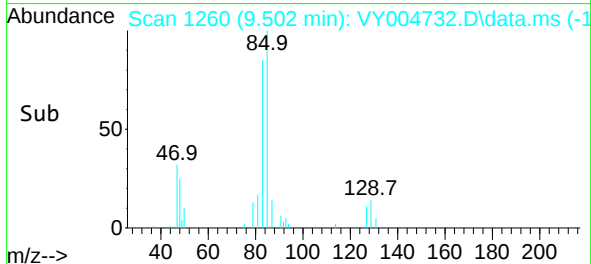
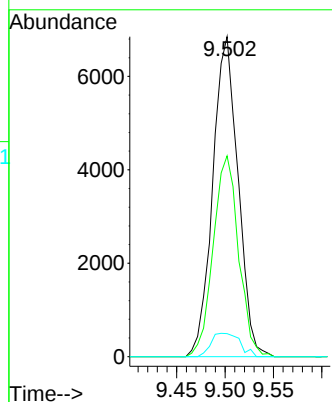
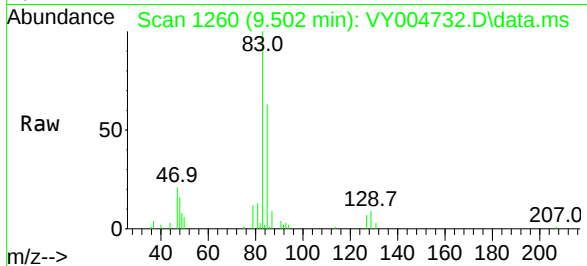




#47
Bromodichloromethane
Concen: 4.08 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

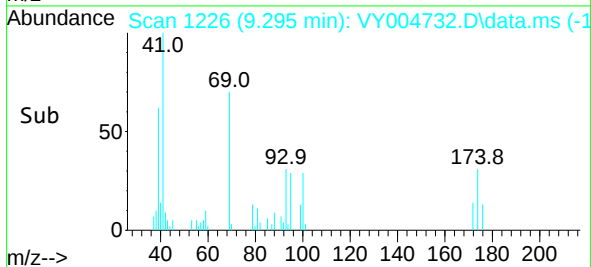
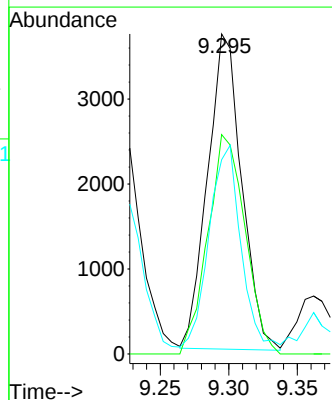
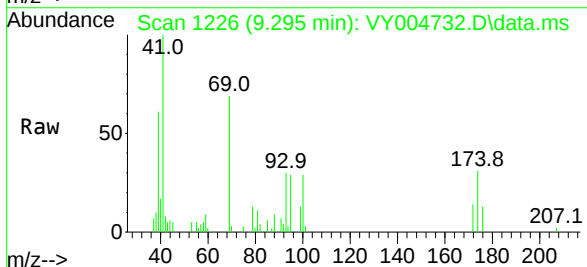
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

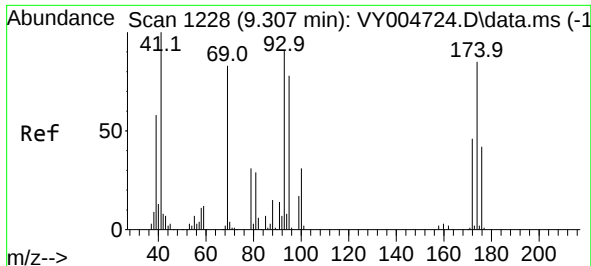
Tgt Ion:	83	Resp:	12462
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.4	75.6
127	7.2	6.6	9.8



#48
Methyl methacrylate
Concen: 3.55 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	41	Resp:	6425
Ion	Ratio	Lower	Upper
41	100		
69	75.9	62.0	93.0
39	64.2	48.4	72.6





#49

1,4-Dioxane

Concen: 70.44 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion: 88 Resp: 1068

Ion Ratio Lower Upper

88 100

43 50.2 32.1 48.1#

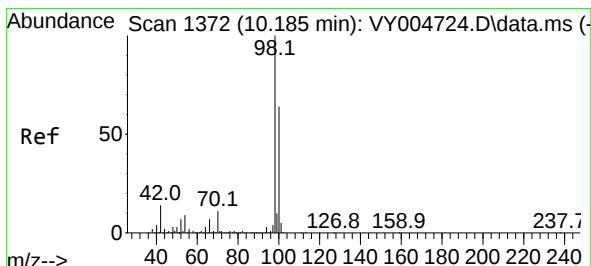
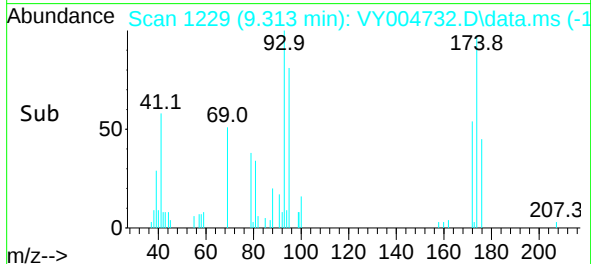
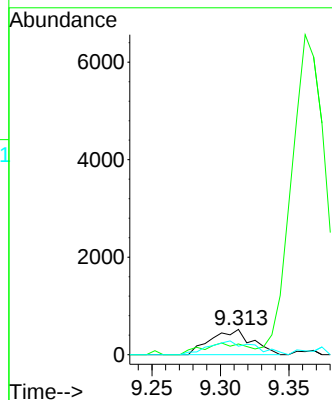
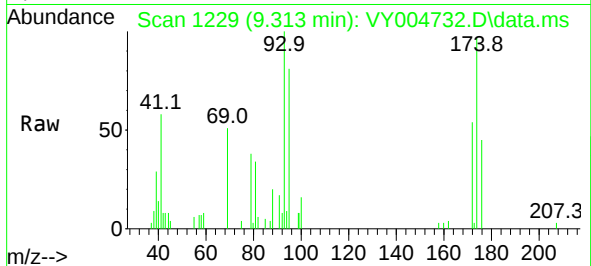
58 61.1 64.2 96.4#

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#50

Toluene-d8

Concen: 50.90 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY004732.D

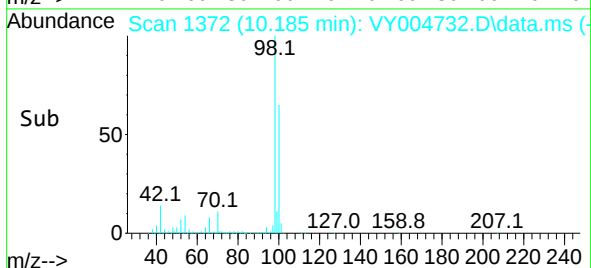
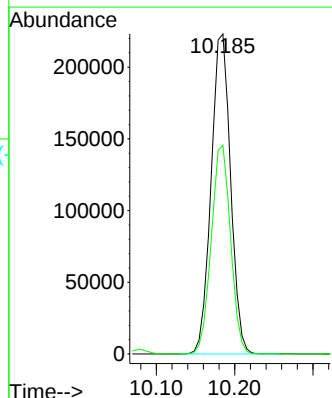
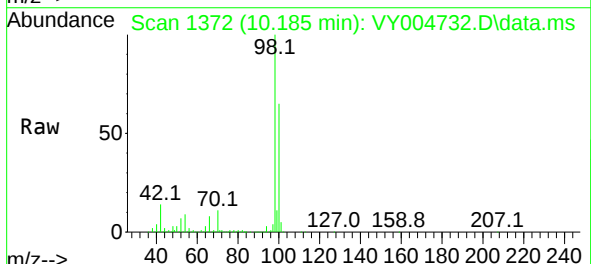
Acq: 10 May 2021 16:16

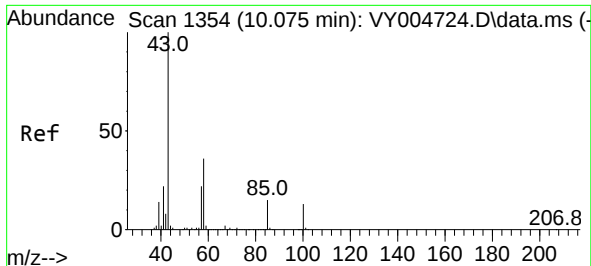
Tgt Ion: 98 Resp: 384545

Ion Ratio Lower Upper

98 100

100 64.8 51.5 77.3

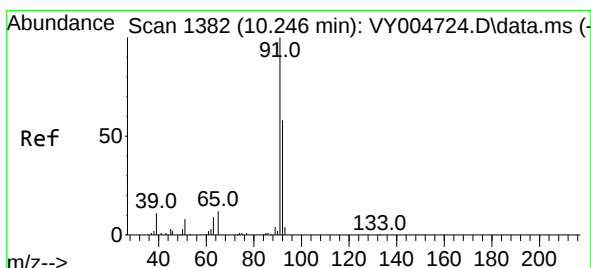
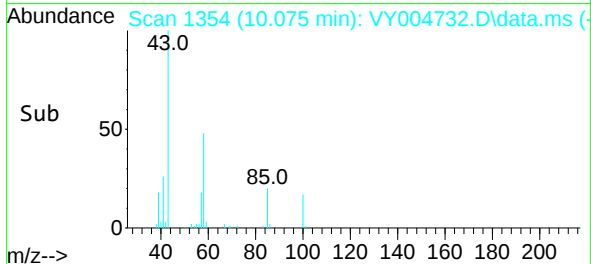
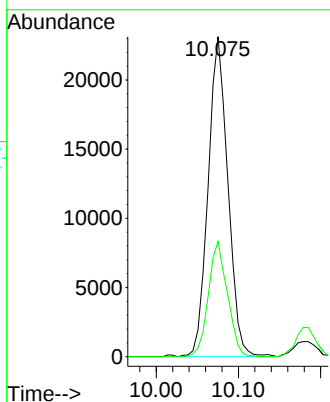
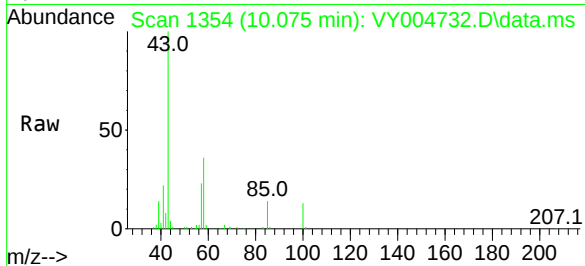




#51
4-Methyl-2-Pentanone
Concen: 18.03 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

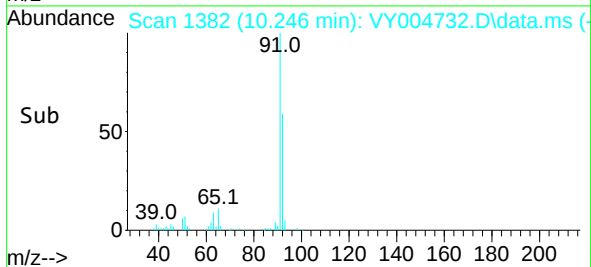
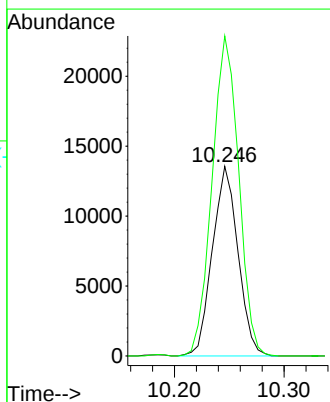
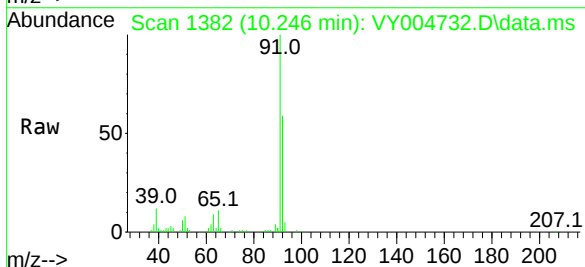
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

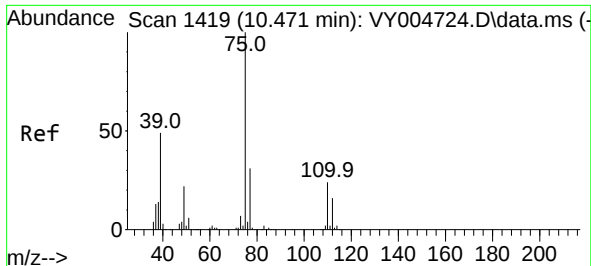
Tgt Ion: 43 Resp: 38624
Ion Ratio Lower Upper
43 100
58 34.7 28.7 43.1



#52
Toluene
Concen: 3.94 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 92 Resp: 22017
Ion Ratio Lower Upper
92 100
91 175.6 138.2 207.4

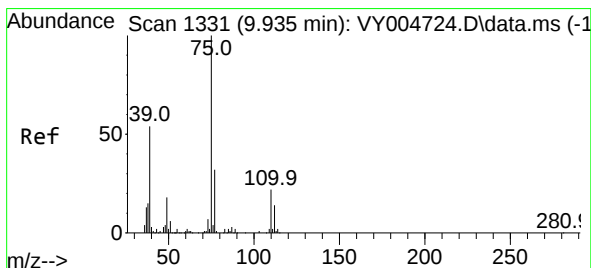
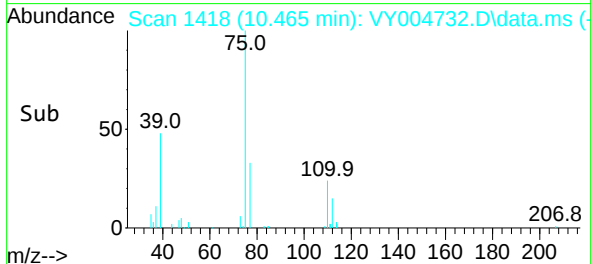
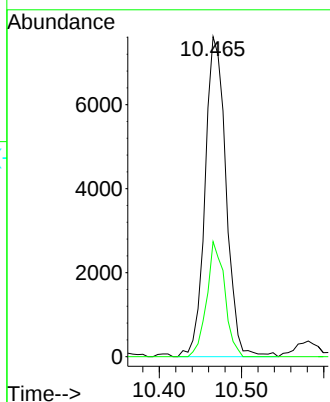
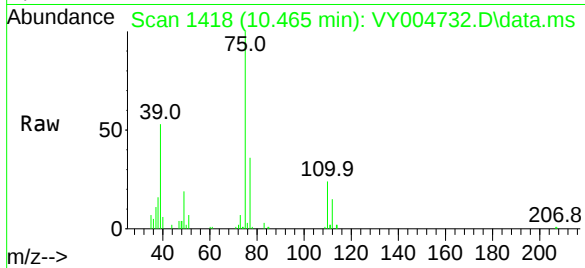




#53
t-1,3-Dichloropropene
Concen: 3.98 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

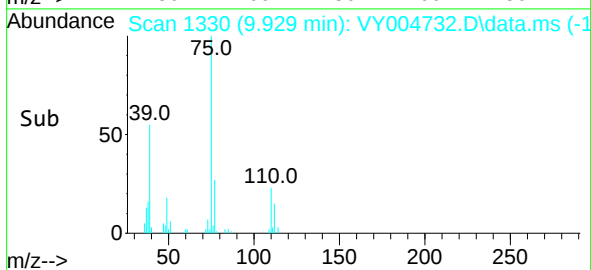
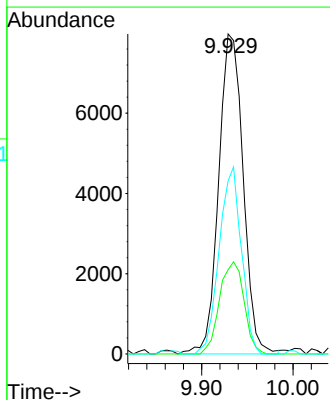
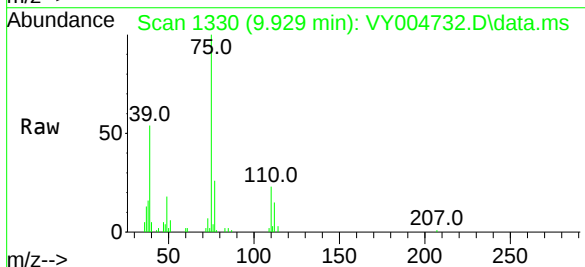
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

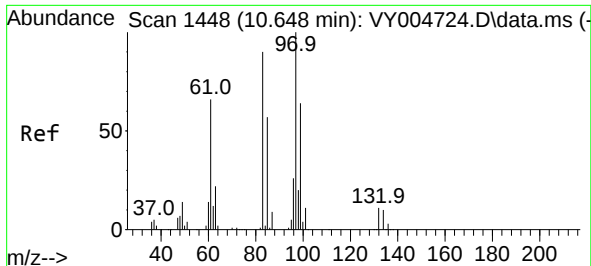
Tgt Ion: 75 Resp: 13483
Ion Ratio Lower Upper
75 100
77 36.0 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 3.94 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 75 Resp: 14851
Ion Ratio Lower Upper
75 100
77 26.3 25.4 38.0
39 54.1 43.2 64.8

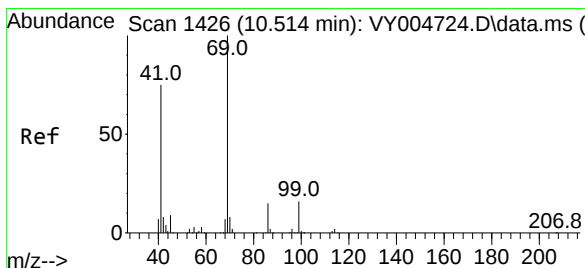
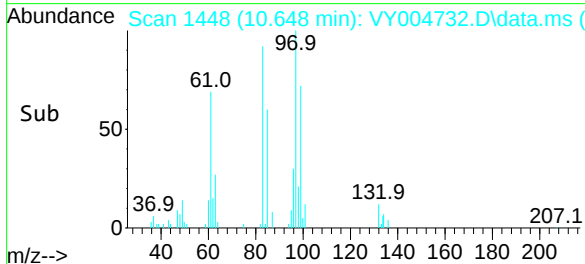
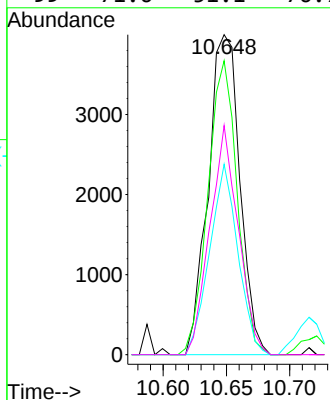
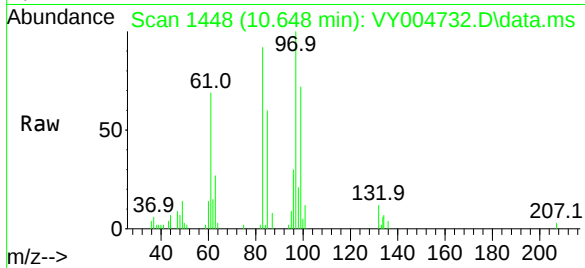




#55
1,1,2-Trichloroethane
Concen: 3.94 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

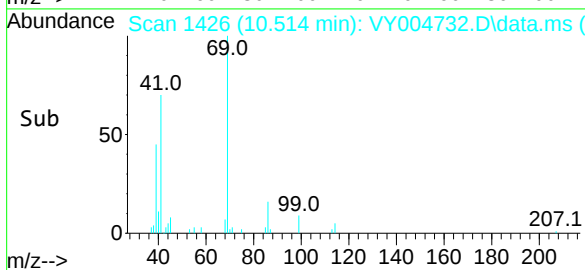
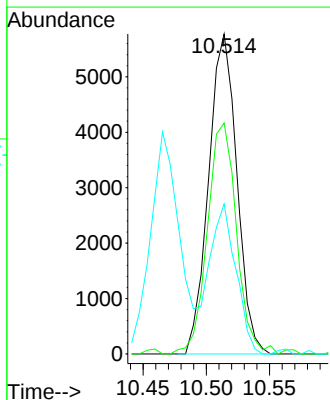
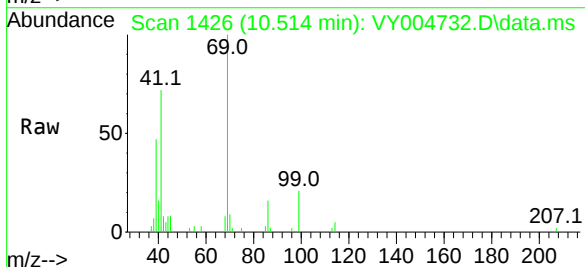
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

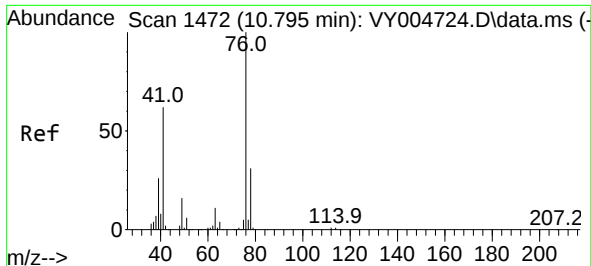
Tgt Ion:	97	Resp:	6973
Ion	Ratio	Lower	Upper
97	100		
83	91.9	71.9	107.9
85	59.5	45.8	68.6
99	71.6	51.1	76.7



#56
Ethyl methacrylate
Concen: 3.50 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	69	Resp:	8968
Ion	Ratio	Lower	Upper
69	100		
41	74.7	60.2	90.4
39	45.2	33.5	50.3

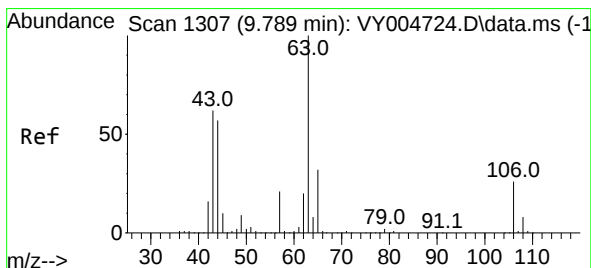
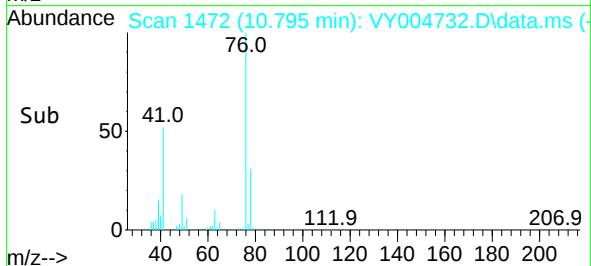
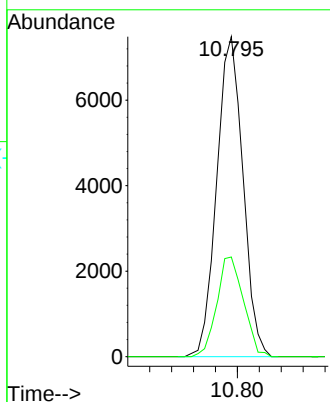
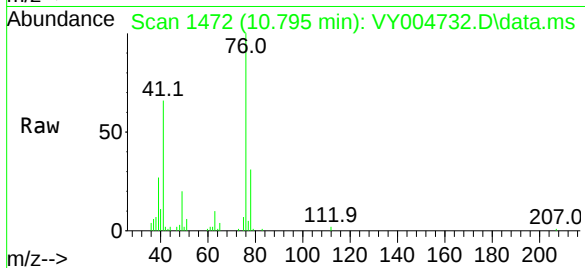




#57
1,3-Dichloropropane
Concen: 3.94 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

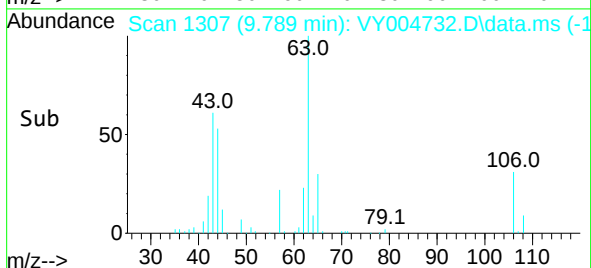
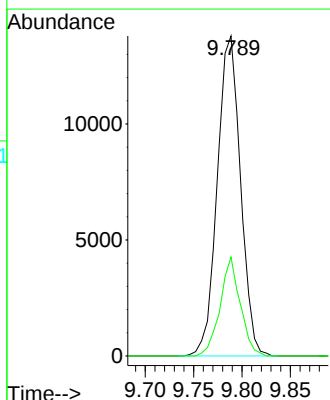
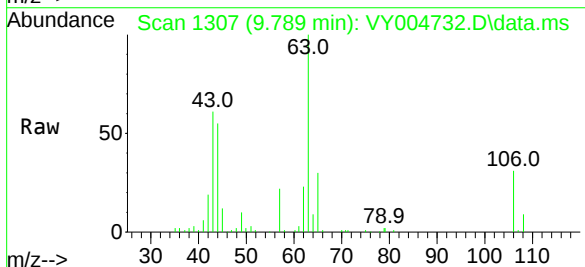
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

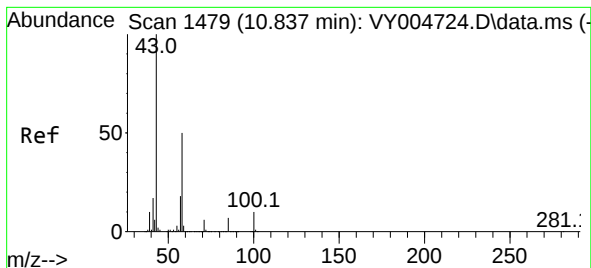
Tgt Ion: 76 Resp: 12423
Ion Ratio Lower Upper
76 100
78 31.7 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 17.38 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 63 Resp: 22988
Ion Ratio Lower Upper
63 100
106 26.7 20.9 31.3

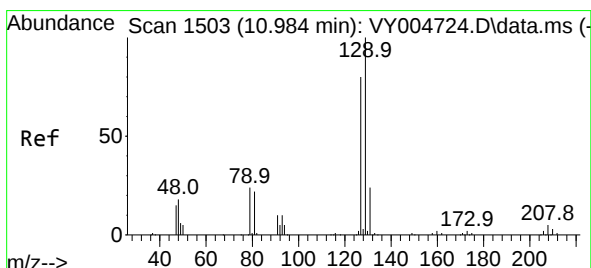
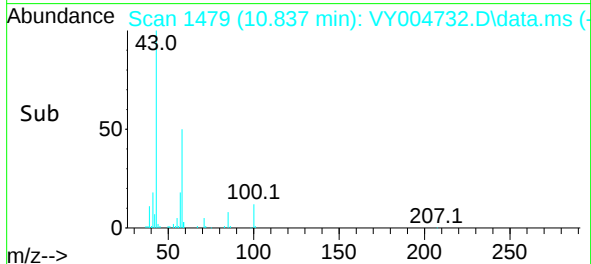
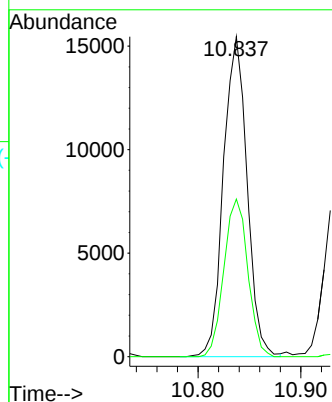
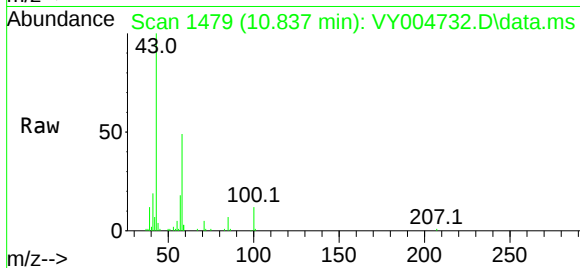




#59
2-Hexanone
Concen: 16.98 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

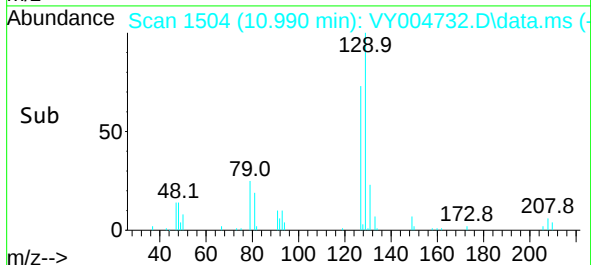
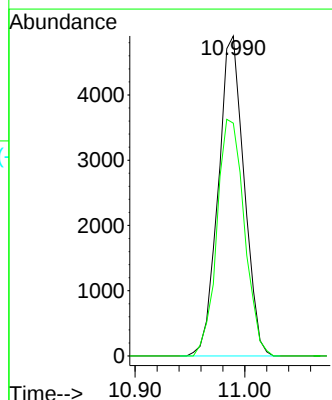
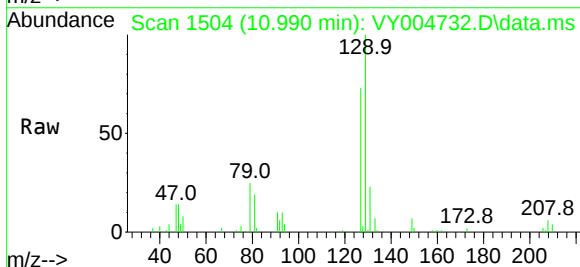
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

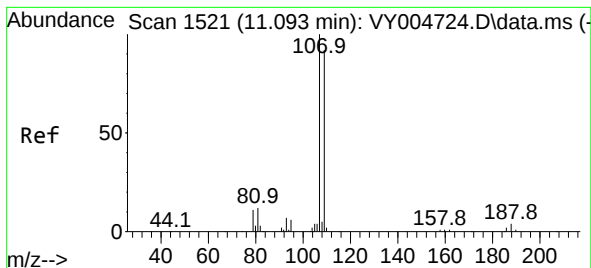
Tgt Ion: 43 Resp: 24651
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.8



#60
Dibromochloromethane
Concen: 3.81 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 129 Resp: 8021
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1

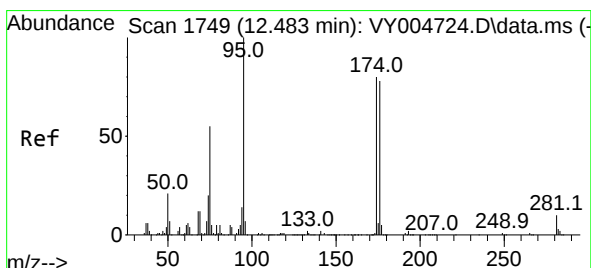
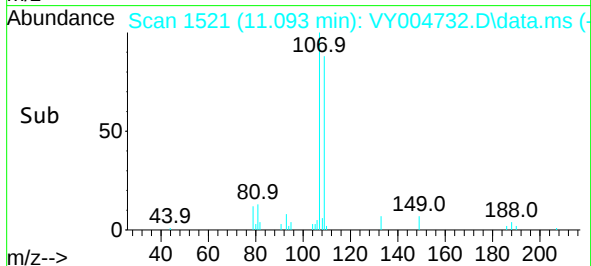
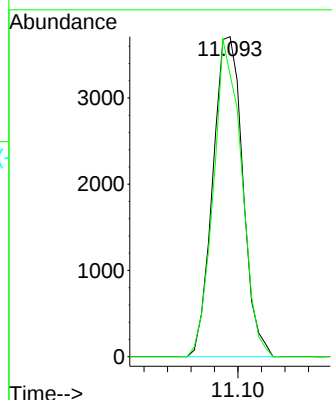
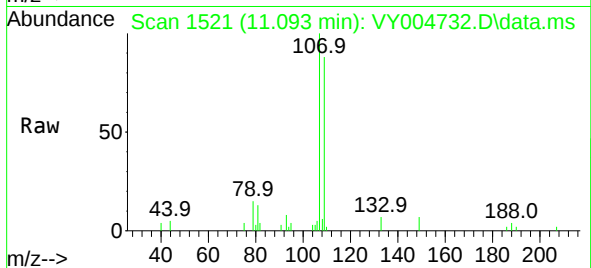




#61
1,2-Dibromoethane
Concen: 3.84 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

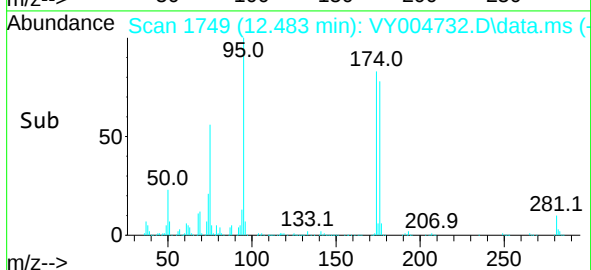
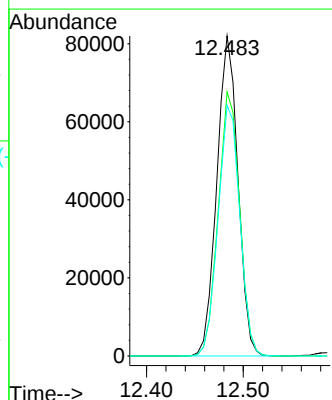
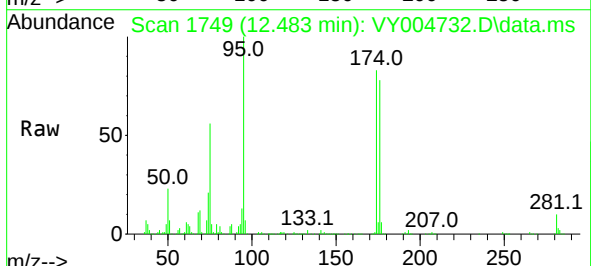
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

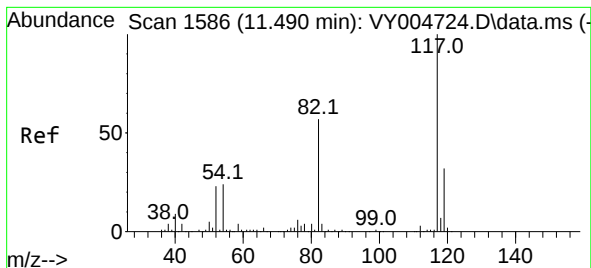
Tgt Ion:107 Resp: 6563
Ion Ratio Lower Upper
107 100
109 93.4 73.8 110.6



#62
4-Bromofluorobenzene
Concen: 48.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 95 Resp: 123904
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.2
176 80.7 0.0 159.0

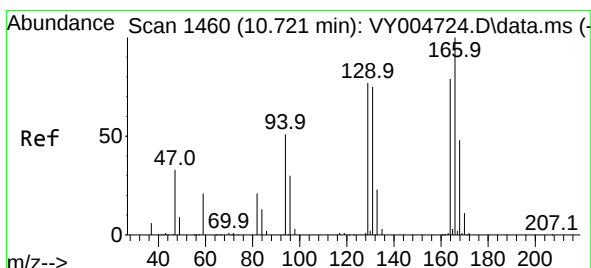
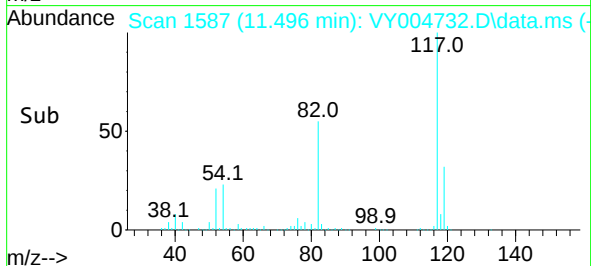
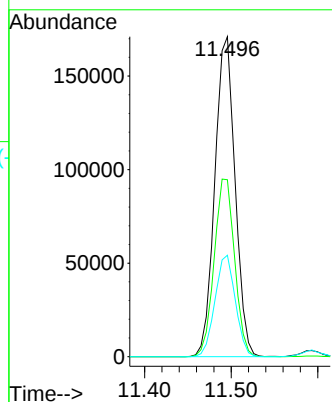
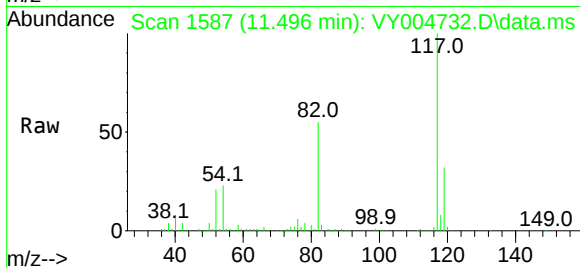




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

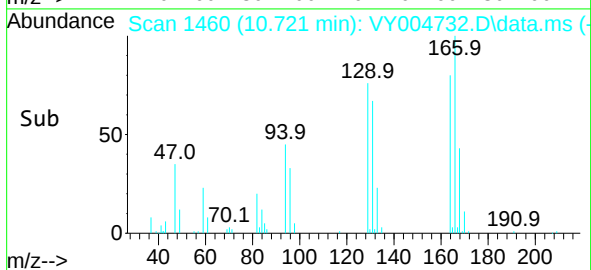
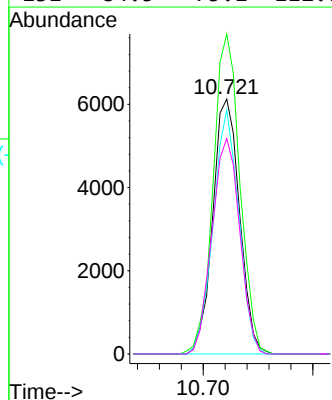
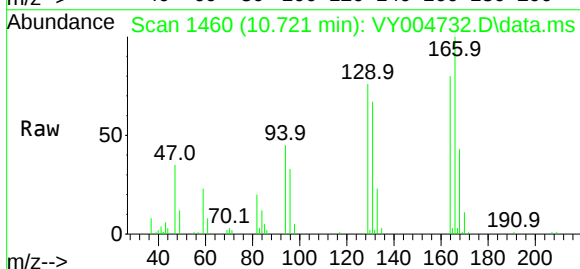
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

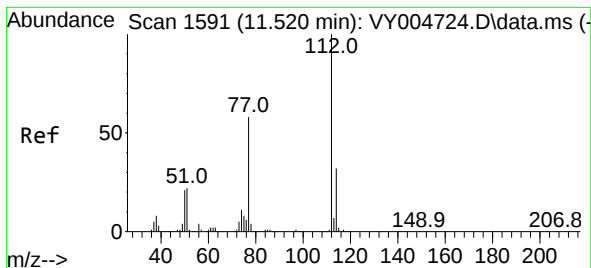
Tgt Ion:117 Resp: 277741
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 4.14 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:164 Resp: 10381
Ion Ratio Lower Upper
164 100
166 125.5 100.8 151.2
129 95.7 77.5 116.3
131 84.5 75.1 112.7

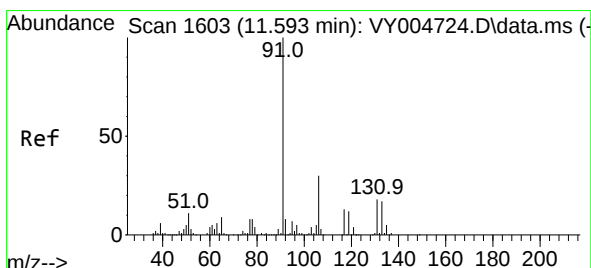
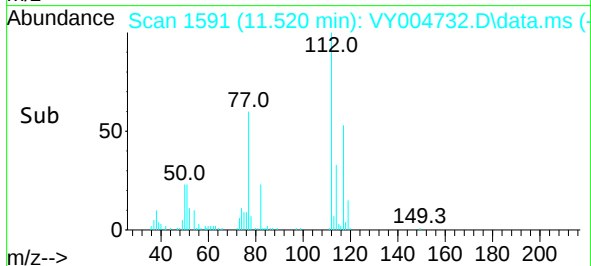
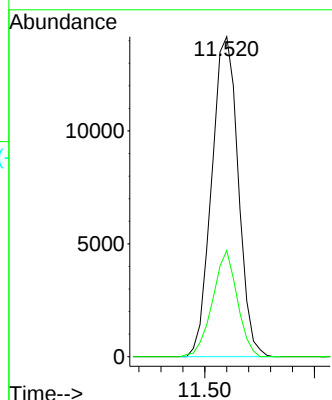
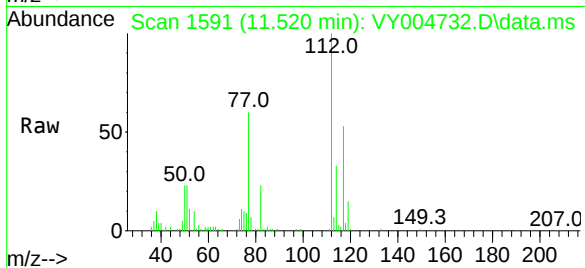




#65
Chlorobenzene
Concen: 4.17 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

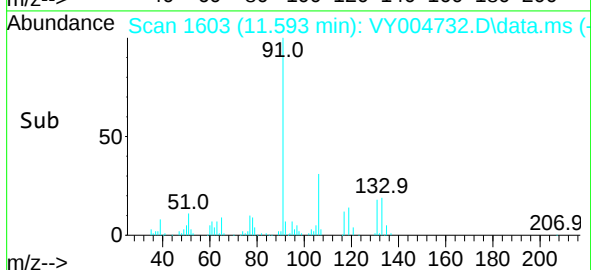
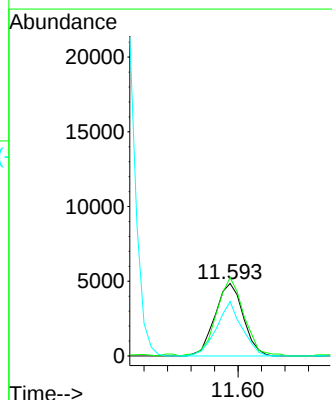
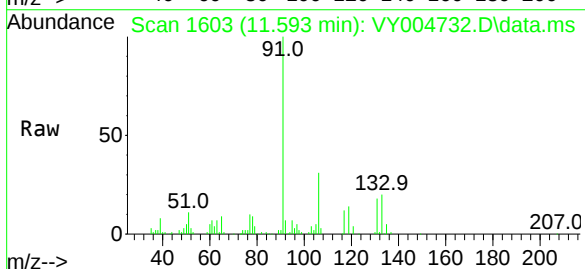
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

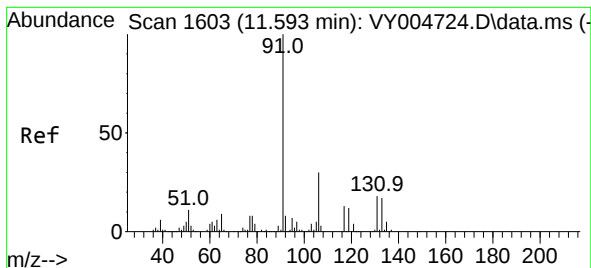
Tgt Ion:112 Resp: 23813
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 3.90 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:131 Resp: 8100
Ion Ratio Lower Upper
131 100
133 104.9 47.9 143.7
119 67.2 32.8 98.4

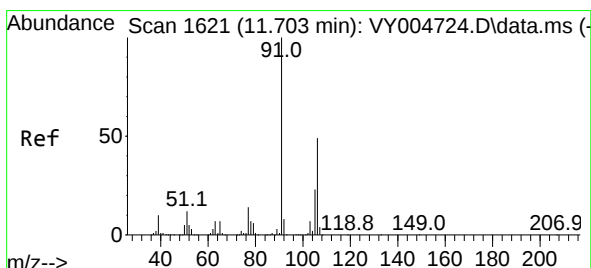
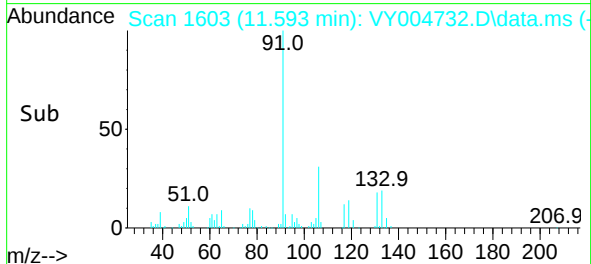
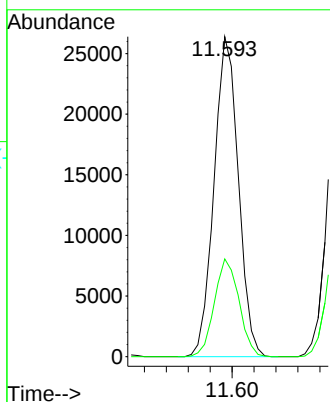
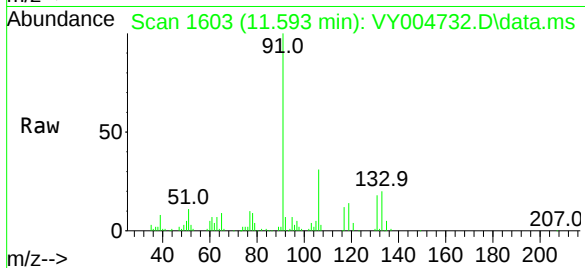




#67
Ethyl Benzene
Concen: 3.82 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

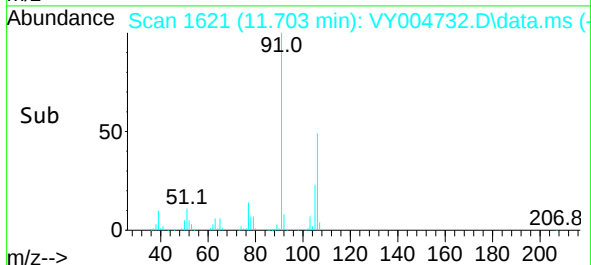
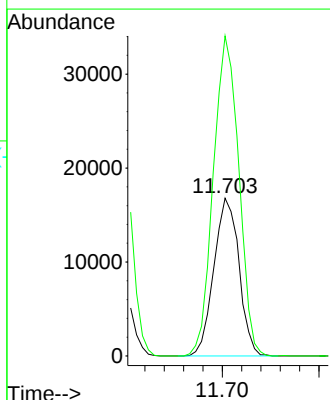
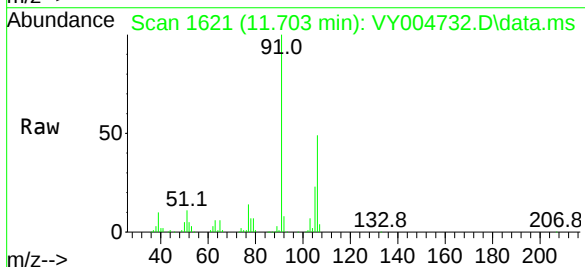
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

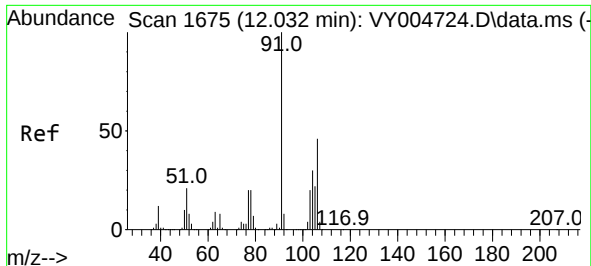
Tgt Ion: 91 Resp: 40621
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 7.59 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 106 Resp: 30274
Ion Ratio Lower Upper
106 100
91 205.3 163.6 245.4

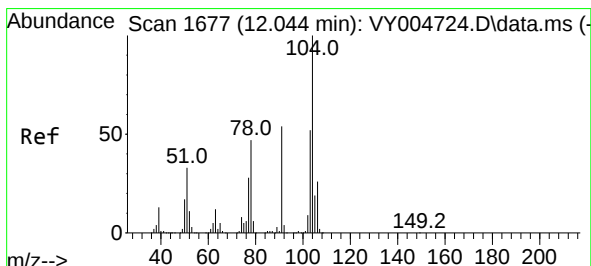
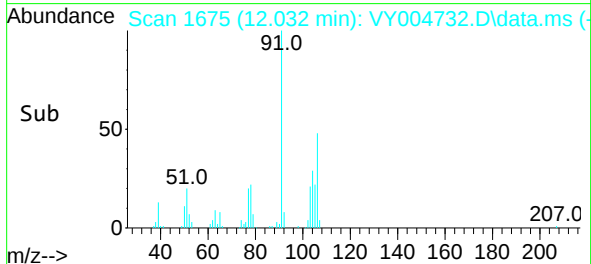
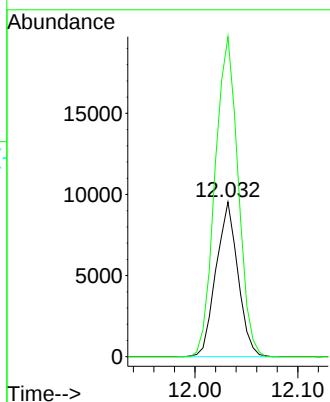
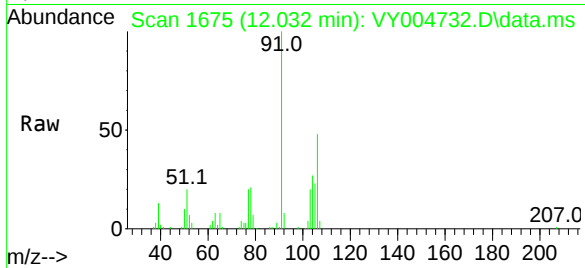




#69
o-Xylene
Concen: 3.78 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

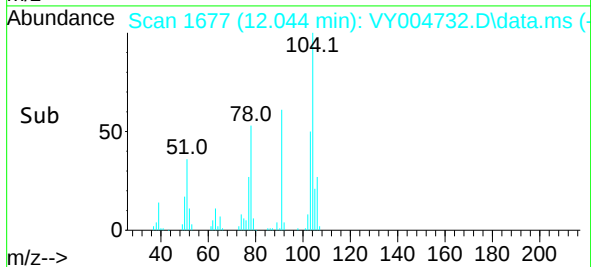
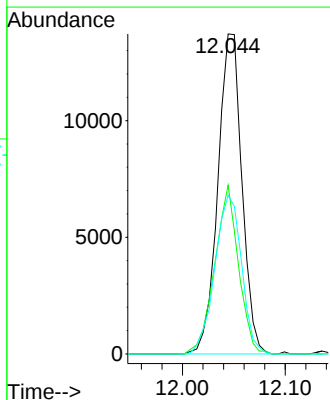
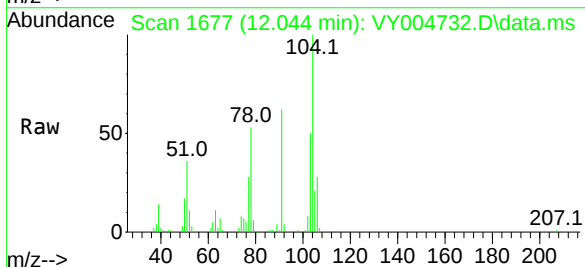
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

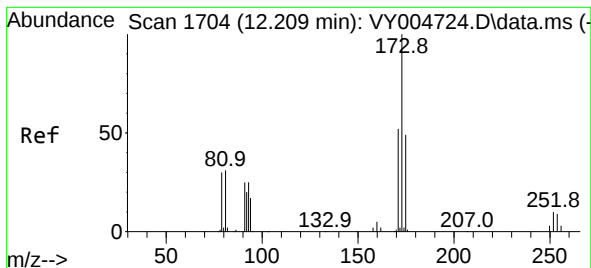
Tgt Ion:106 Resp: 14105
Ion Ratio Lower Upper
106 100
91 218.0 108.9 326.7



#70
Styrene
Concen: 3.57 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:104 Resp: 22315
Ion Ratio Lower Upper
104 100
78 51.9 40.3 60.5
103 54.9 44.2 66.4





#71

Bromoform

Concen: 3.76 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

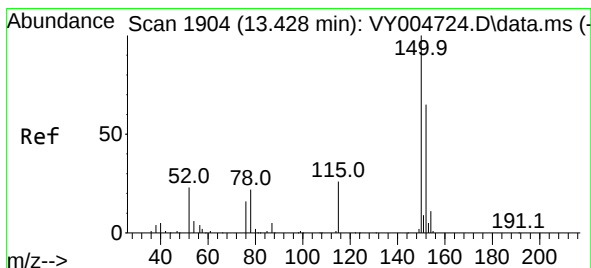
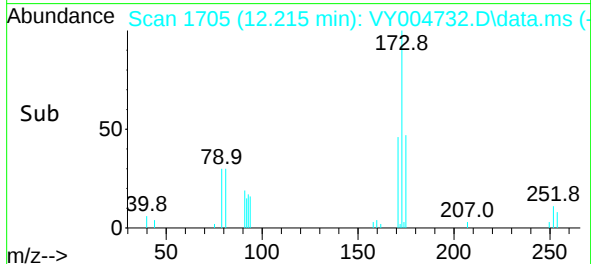
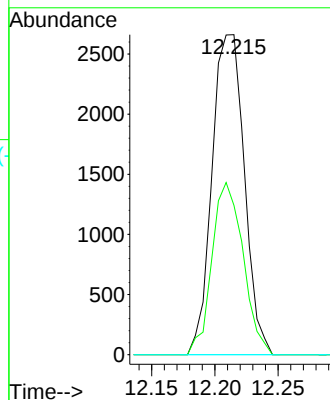
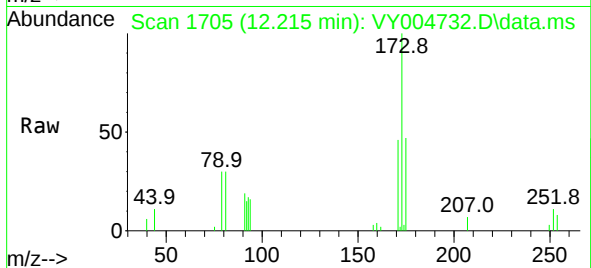
Tgt Ion:173 Resp: 4729

Ion Ratio Lower Upper

173 100

175 51.8 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

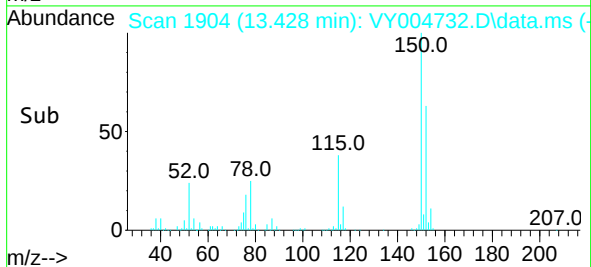
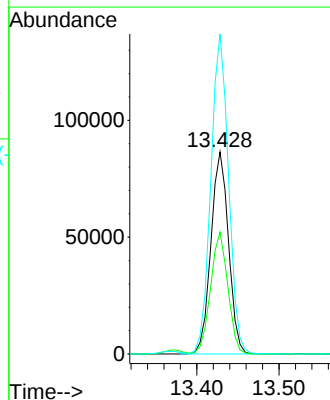
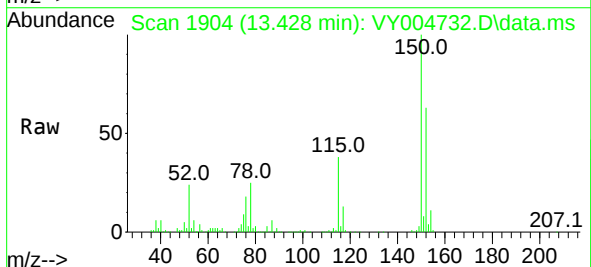
Tgt Ion:152 Resp: 128288

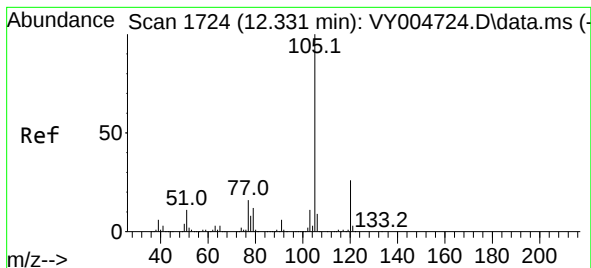
Ion Ratio Lower Upper

152 100

115 59.2 29.4 88.3

150 159.0 0.0 349.8





#73

Isopropylbenzene

Concen: 3.92 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY004732.D

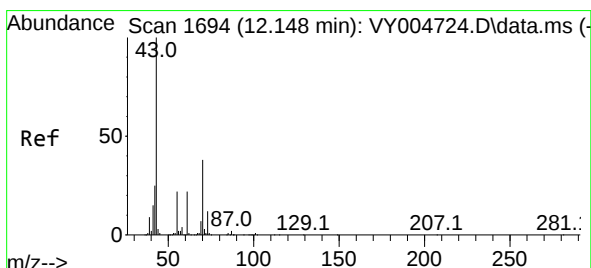
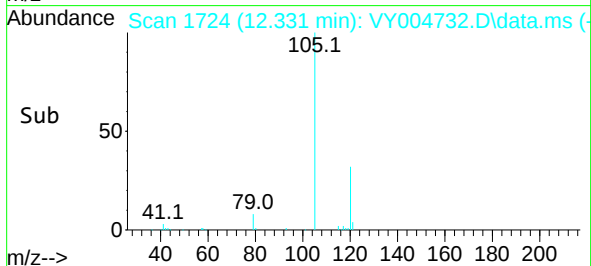
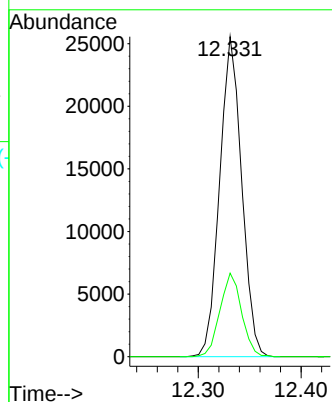
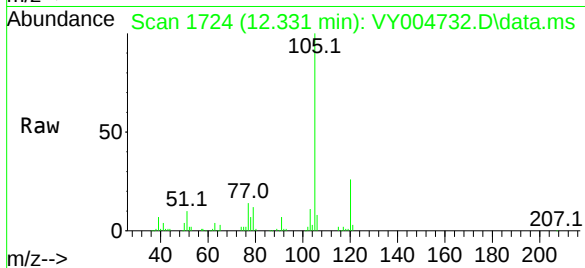
Acq: 10 May 2021 16:16

Tgt Ion:105 Resp: 37956

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 3.64 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion: 43 Resp: 12460

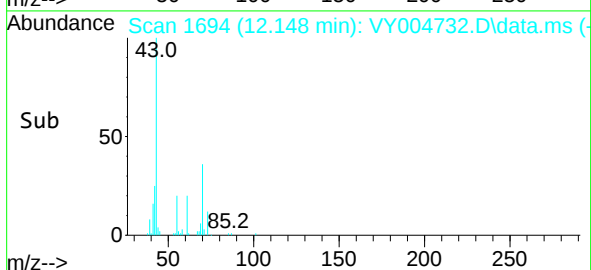
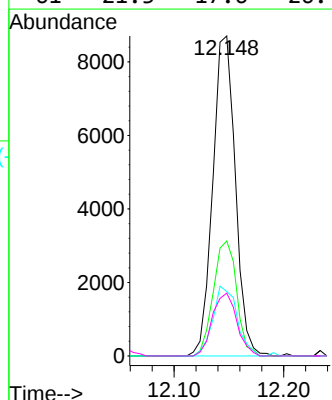
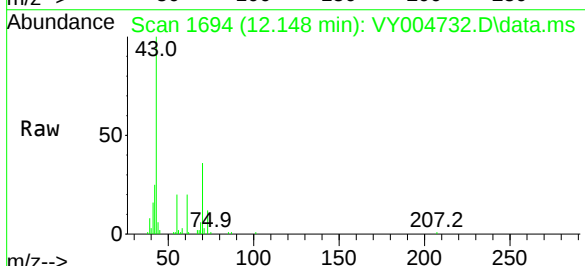
Ion Ratio Lower Upper

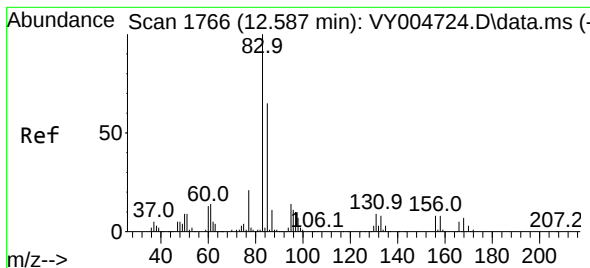
43 100

70 37.1 30.2 45.2

55 23.4 17.8 26.8

61 21.3 17.6 26.4

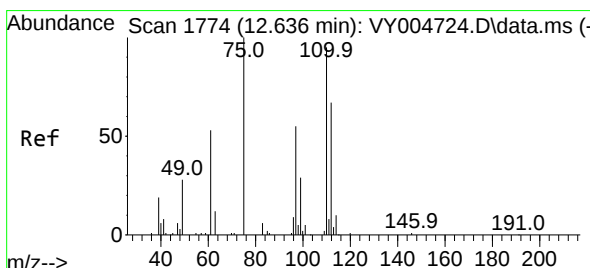
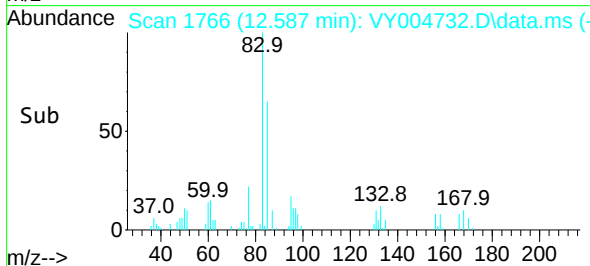
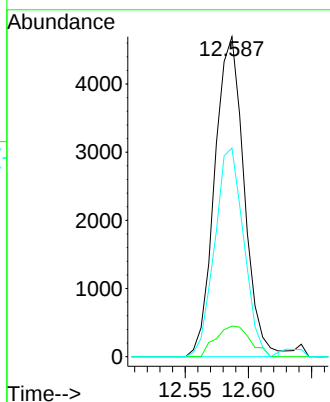
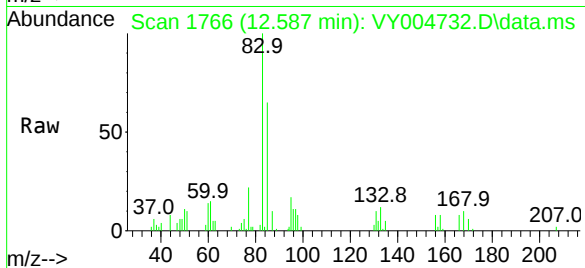




#75
1,1,2,2-Tetrachloroethane
Concen: 3.92 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

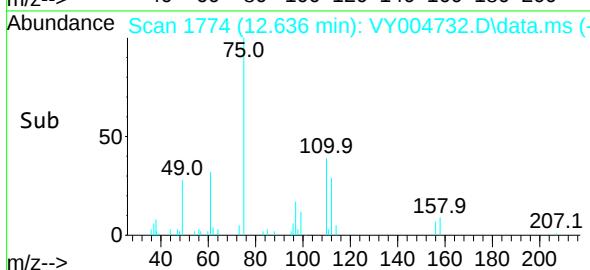
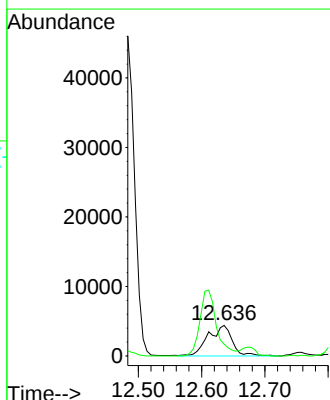
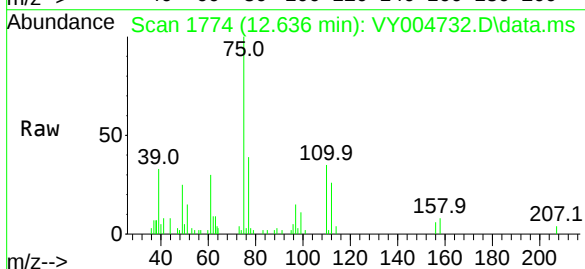
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

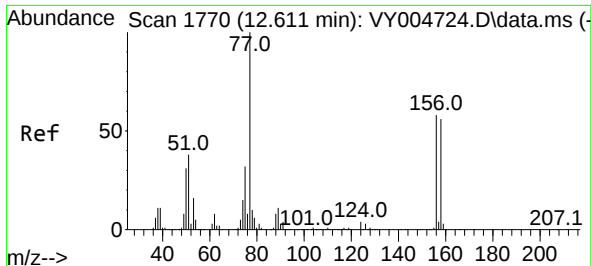
Tgt Ion: 83 Resp: 7562
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 64.3 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 8.58 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 75 Resp: 11686
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

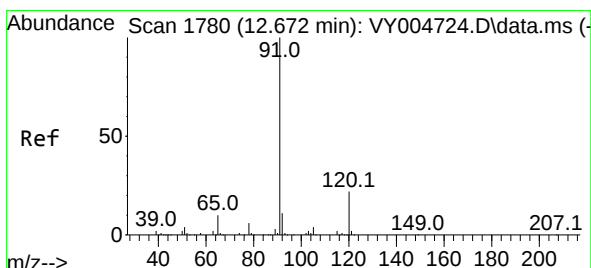
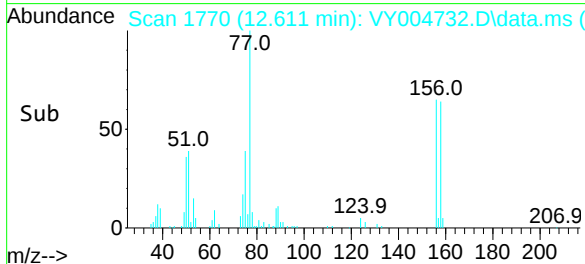
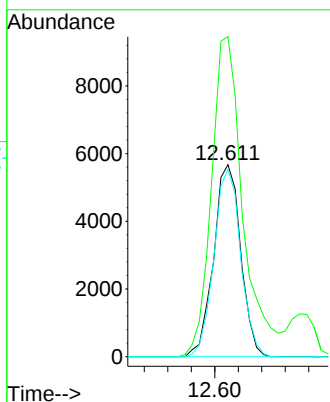
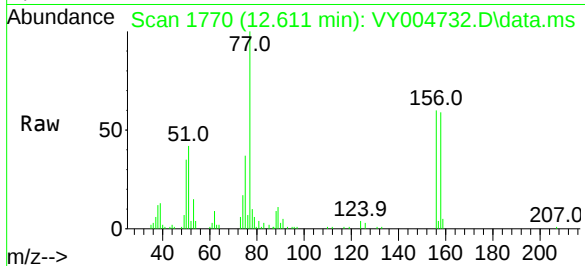




#77
Bromobenzene
Concen: 4.15 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

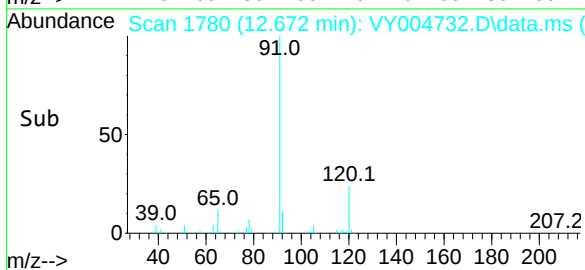
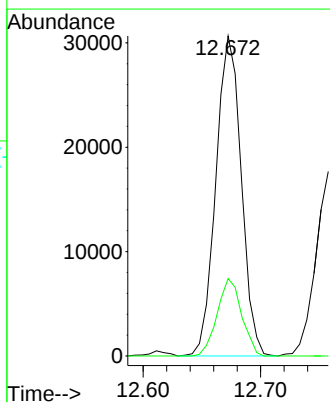
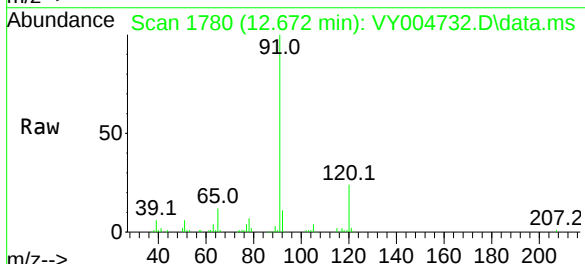
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

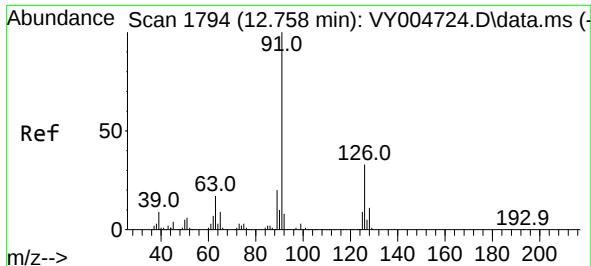
Tgt Ion:156 Resp: 9075
Ion Ratio Lower Upper
156 100
77 192.8 100.6 301.9
158 96.3 48.8 146.3



#78
n-propylbenzene
Concen: 3.90 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 91 Resp: 46045
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.3

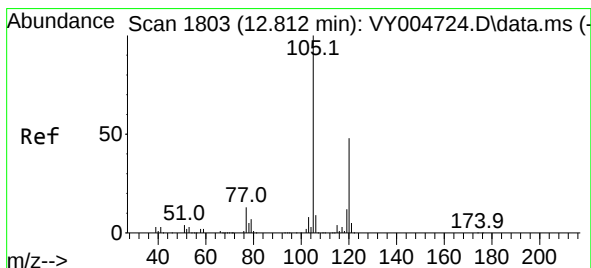
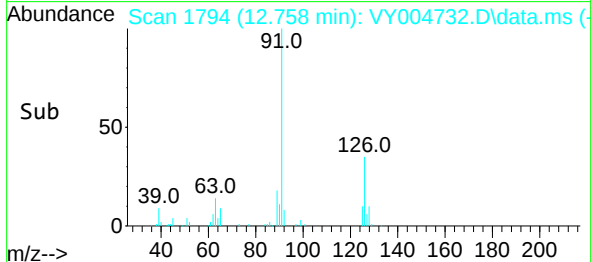
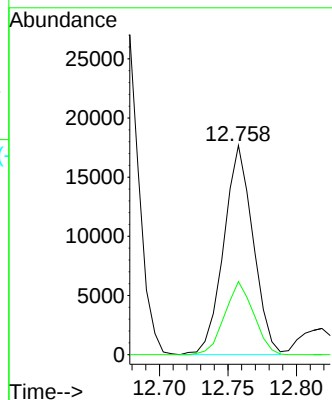
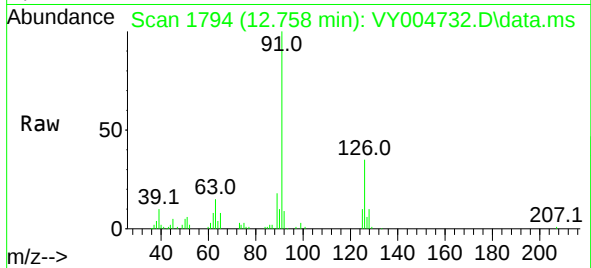




#79
2-Chlorotoluene
Concen: 4.08 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

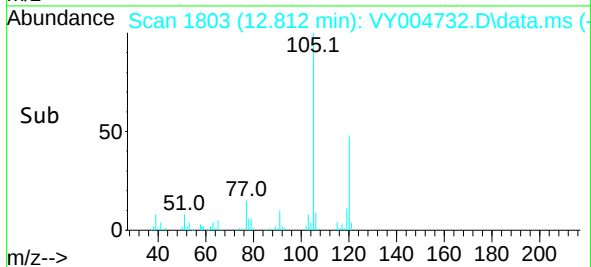
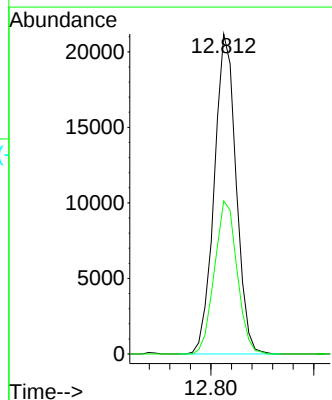
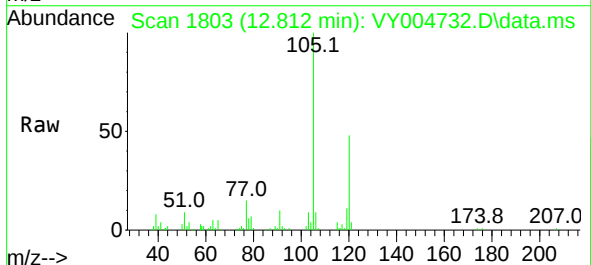
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

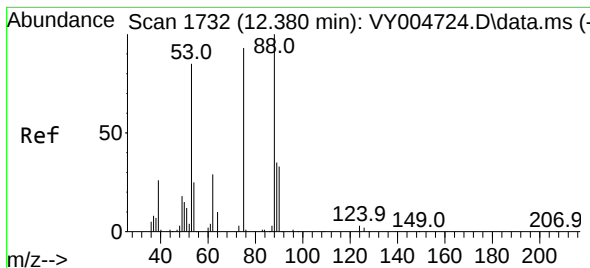
Tgt Ion: 91 Resp: 26411
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 3.88 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 105 Resp: 31186
Ion Ratio Lower Upper
105 100
120 49.5 24.0 72.0

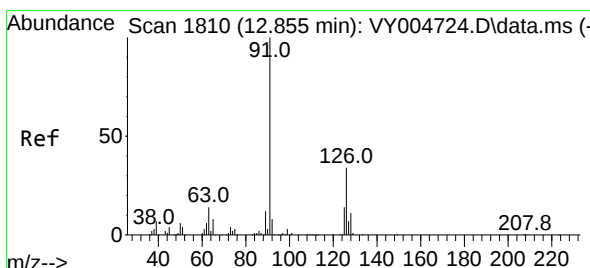
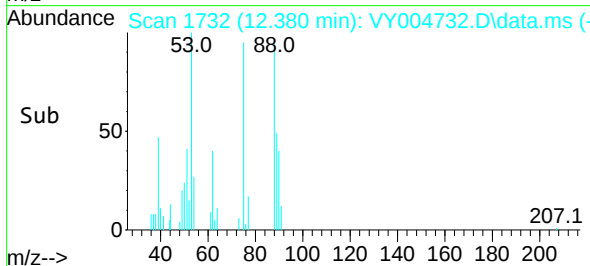
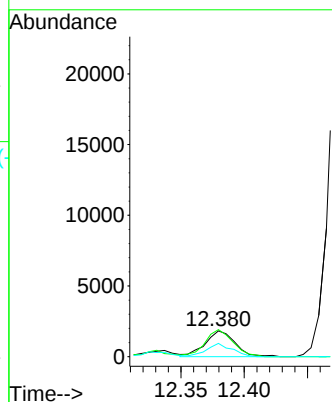
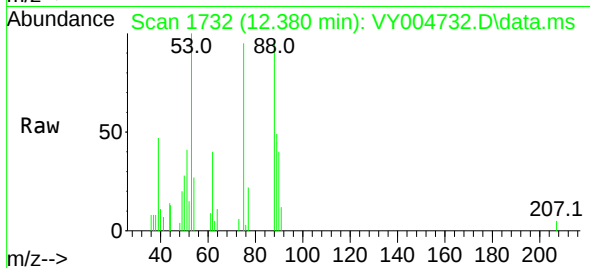




#81
trans-1,4-Dichloro-2-butene
Concen: 3.80 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

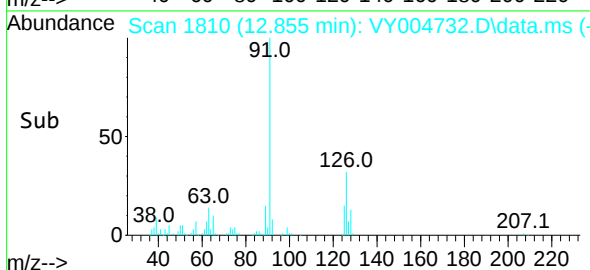
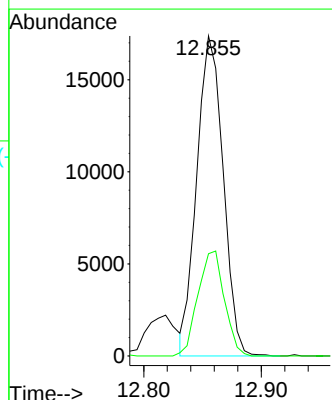
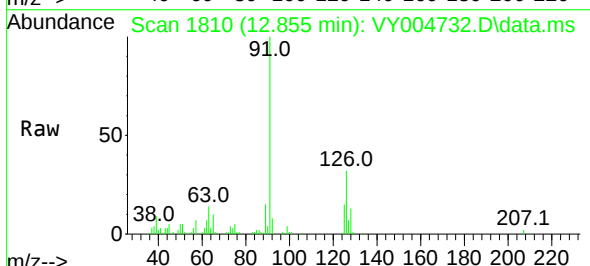
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

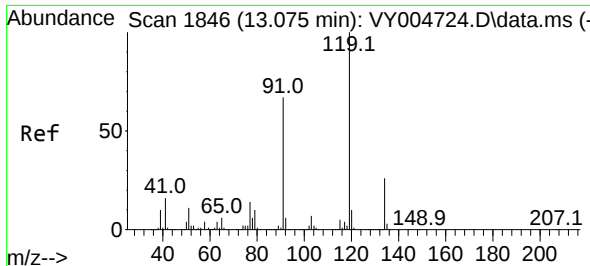
Tgt Ion: 75 Resp: 2985
Ion Ratio Lower Upper
75 100
53 98.8 73.9 110.9
89 43.6 35.5 53.3



#82
4-Chlorotoluene
Concen: 4.04 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 91 Resp: 27163
Ion Ratio Lower Upper
91 100
126 32.8 16.8 50.3

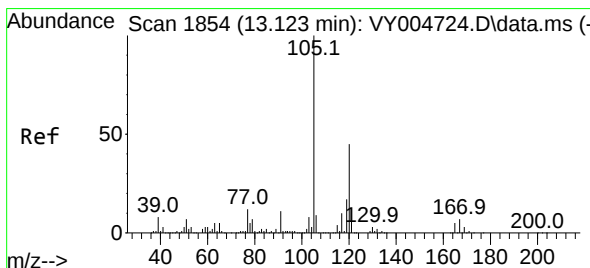
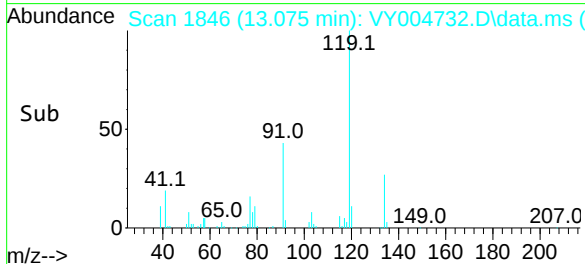
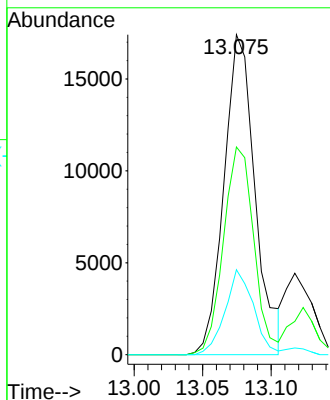
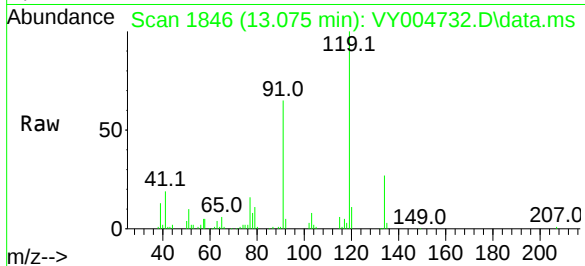




#83
tert-Butylbenzene
Concen: 4.01 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

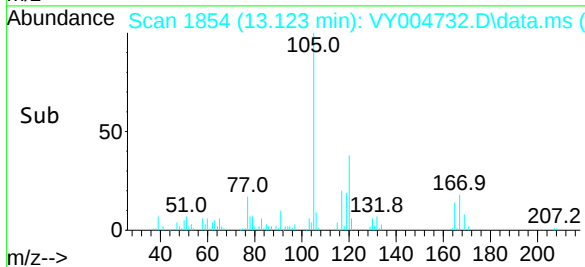
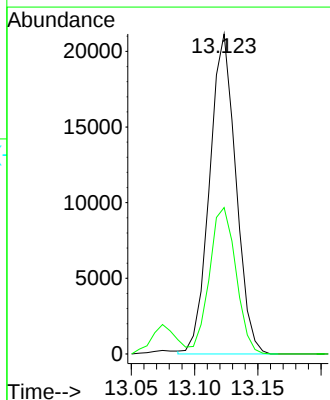
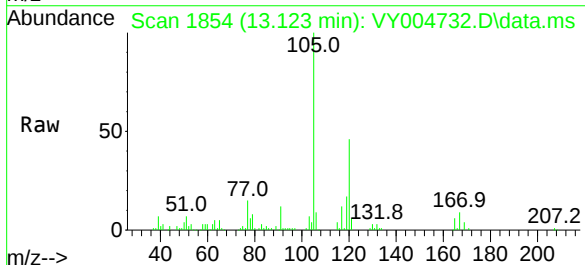
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

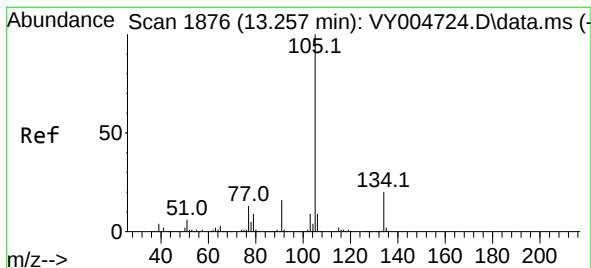
Tgt Ion:	119	Resp:	27529
Ion	Ratio	Lower	Upper
119	100		
91	63.5	32.3	96.8
134	24.2	12.9	38.7



#84
1,2,4-Trimethylbenzene
Concen: 3.80 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	105	Resp:	30533
Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.5	67.5

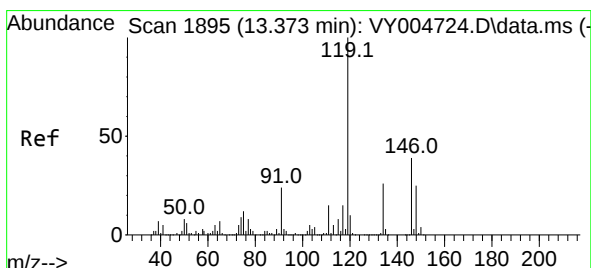
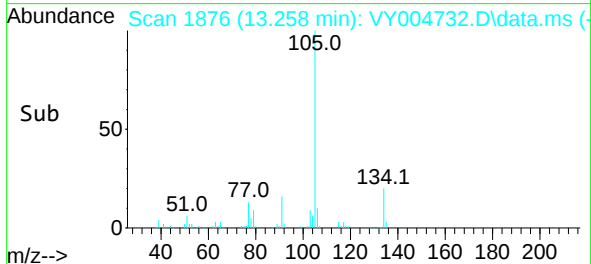
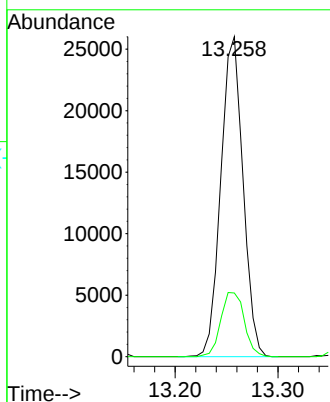
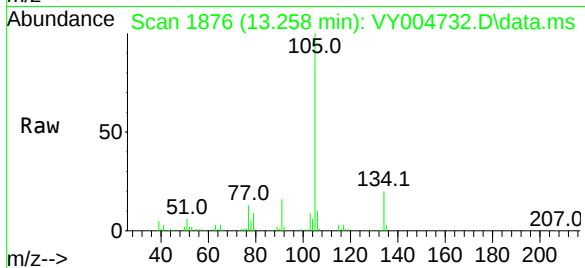




#85
sec-Butylbenzene
Concen: 3.91 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

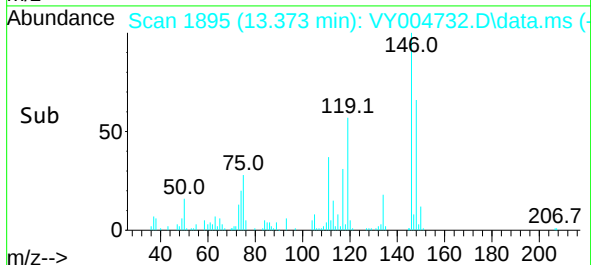
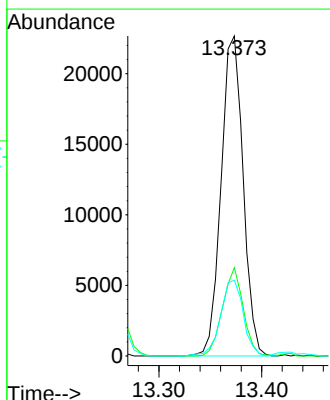
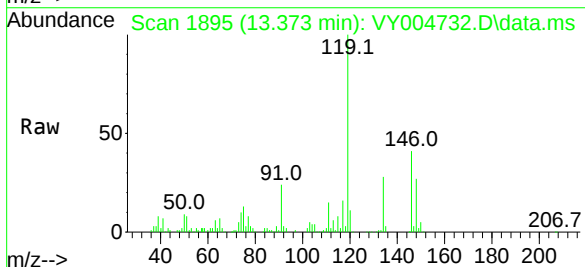
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

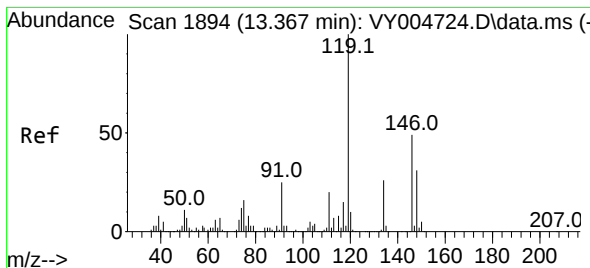
Tgt Ion:105 Resp: 38986
Ion Ratio Lower Upper
105 100
134 21.3 10.0 29.8



#86
p-Isopropyltoluene
Concen: 3.90 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:119 Resp: 33694
Ion Ratio Lower Upper
119 100
134 25.9 12.9 38.7
91 24.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 3.99 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

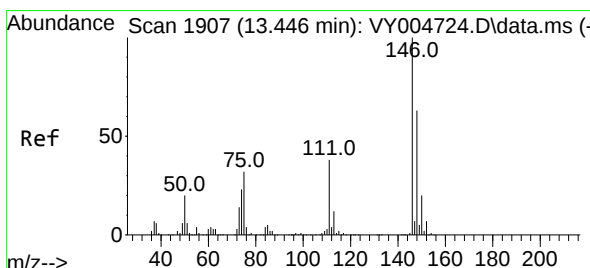
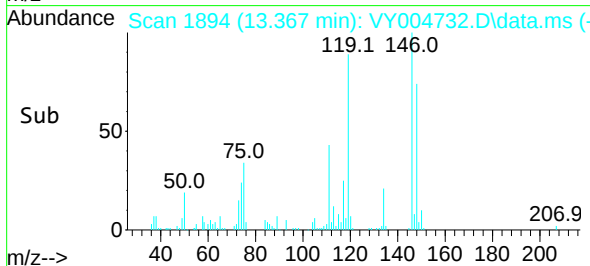
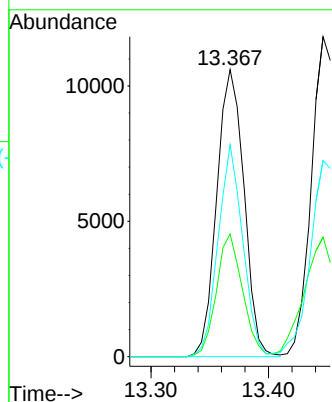
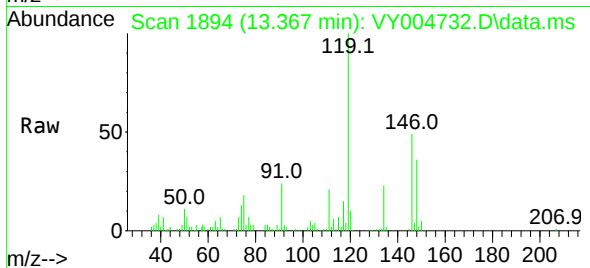
Tgt Ion:146 Resp: 17086

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.9

148 67.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 4.33 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

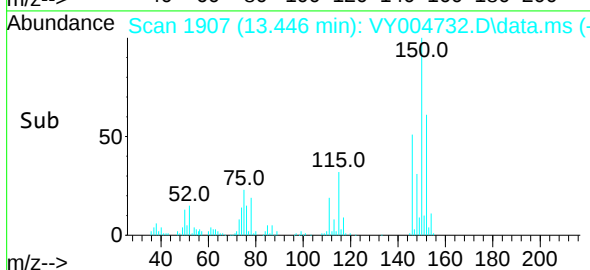
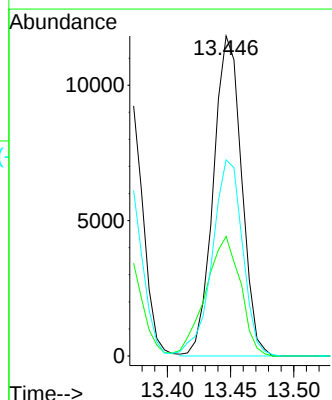
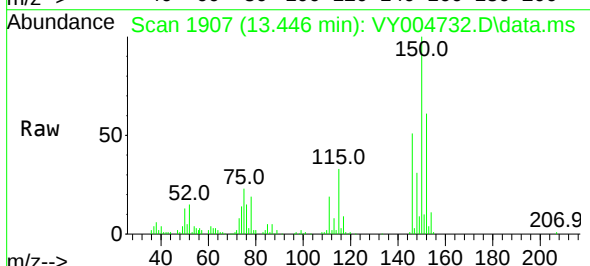
Tgt Ion:146 Resp: 18304

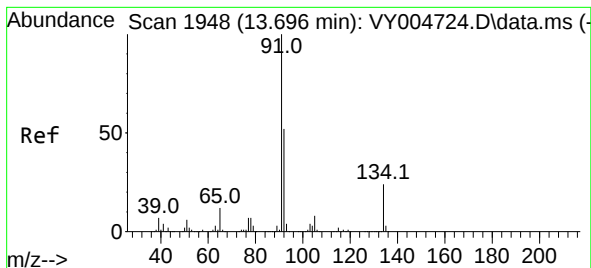
Ion Ratio Lower Upper

146 100

111 46.0 19.6 58.8

148 66.1 31.9 95.5

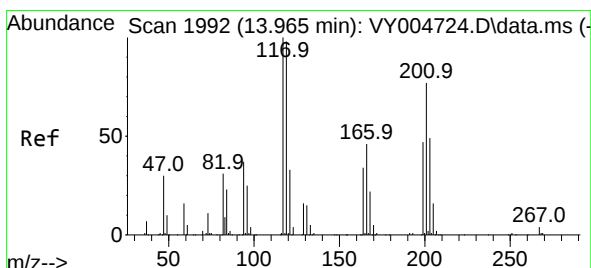
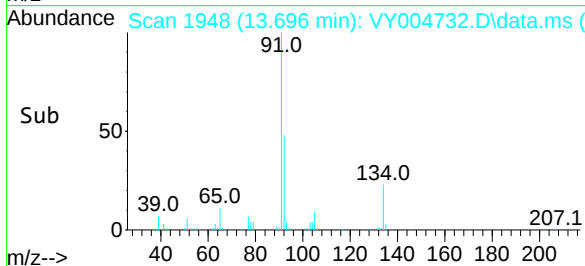
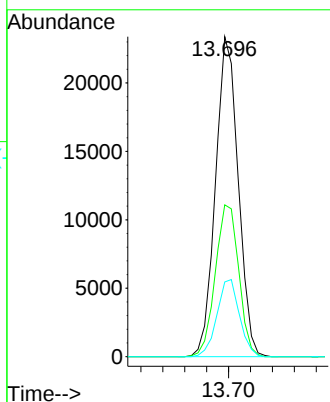
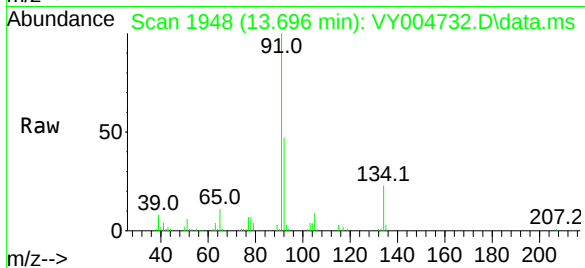




#89
n-Butylbenzene
Concen: 3.98 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

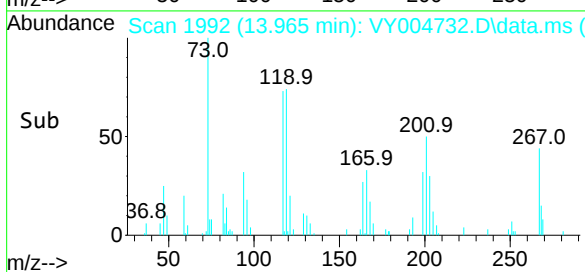
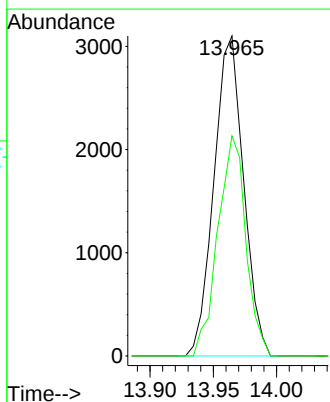
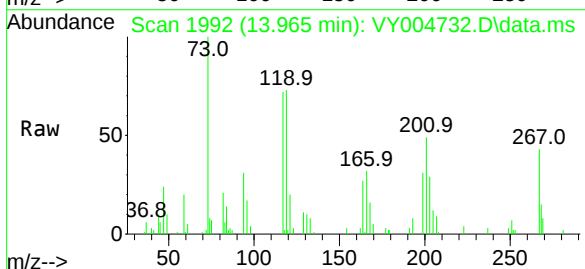
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

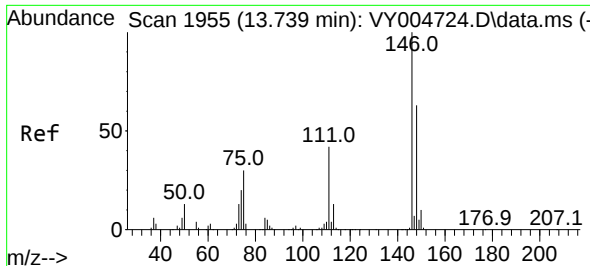
Tgt Ion:	91	Resp:	33653
Ion	Ratio	Lower	Upper
91	100		
92	49.0	26.4	79.0
134	24.0	12.6	37.6



#90
Hexachloroethane
Concen: 4.14 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	117	Resp:	5043
Ion	Ratio	Lower	Upper
117	100		
201	65.1	35.9	107.8

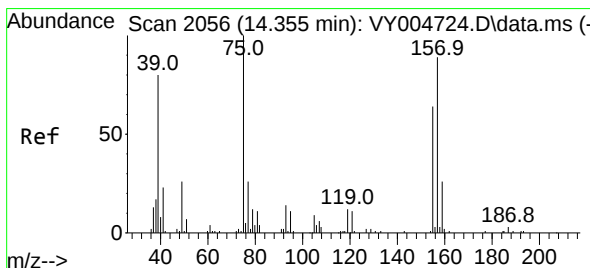
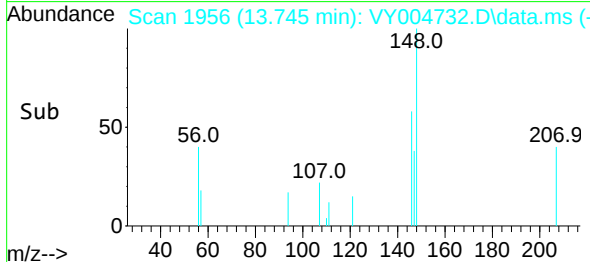
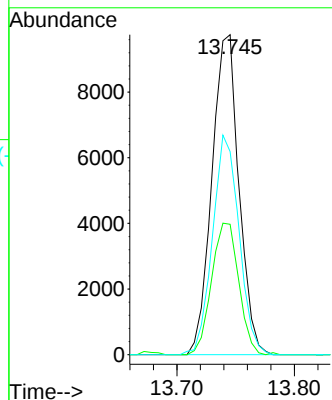
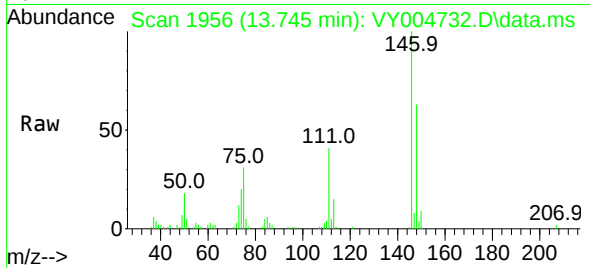




#91
1,2-Dichlorobenzene
Concen: 4.12 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

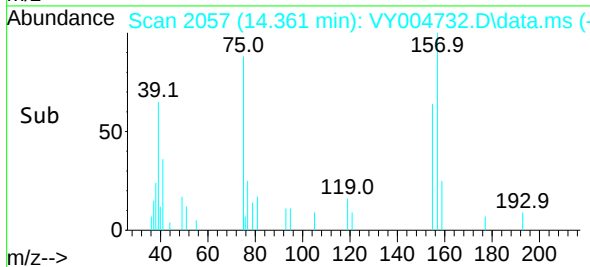
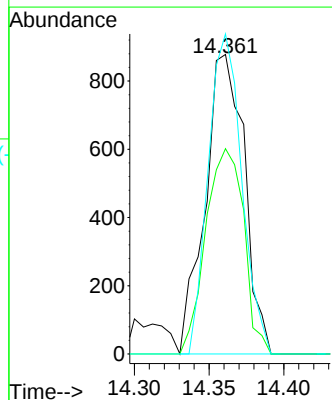
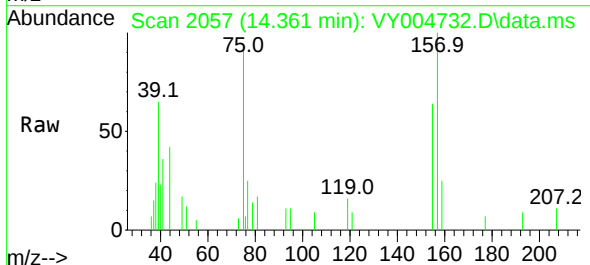
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

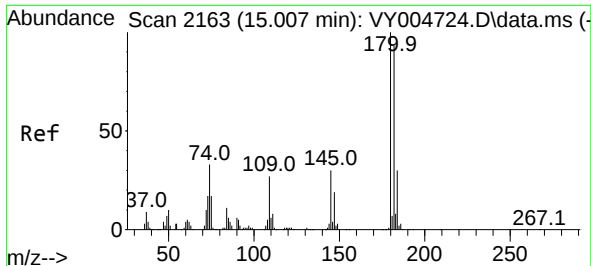
Tgt Ion:146 Resp: 15567
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.7
148 67.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.45 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 75 Resp: 1605
Ion Ratio Lower Upper
75 100
155 66.2 39.0 117.0
157 91.2 50.2 150.7

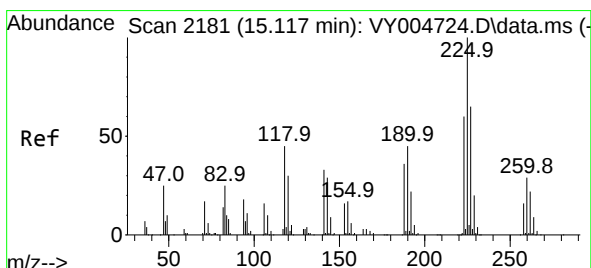
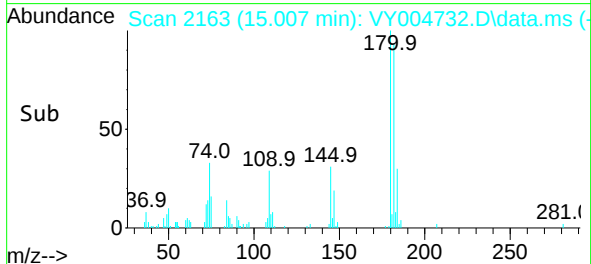
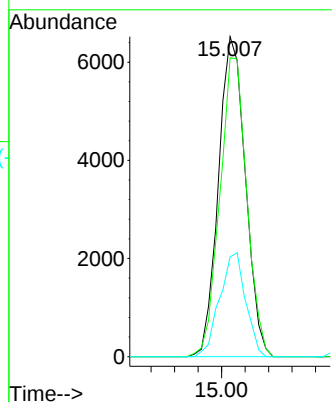
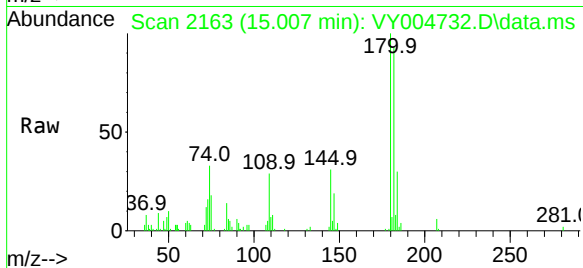




#93
1,2,4-Trichlorobenzene
Concen: 4.26 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

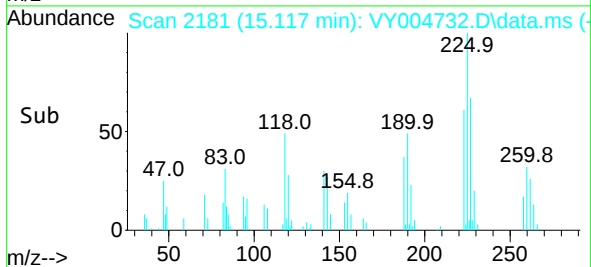
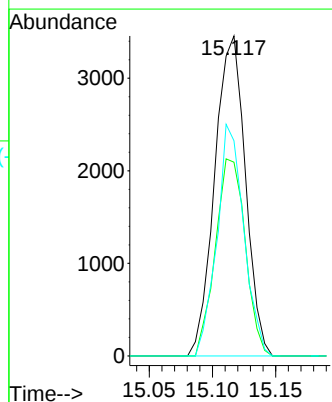
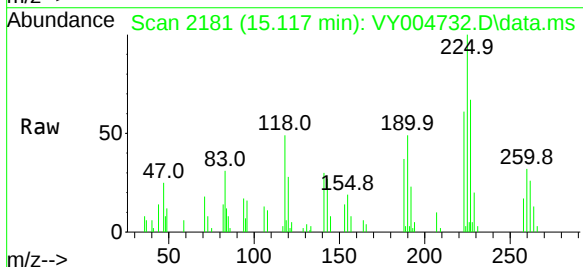
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

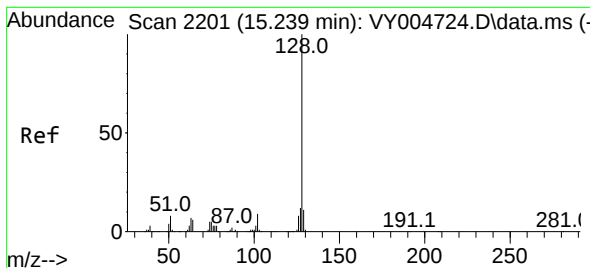
Tgt Ion:	180	Resp:	10376
Ion Ratio	Lower	Upper	
180	100		
182	93.4	46.9	140.8
145	31.3	15.4	46.4



#94
Hexachlorobutadiene
Concen: 4.42 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	225	Resp:	5827
Ion Ratio	Lower	Upper	
225	100		
223	59.9	31.1	93.3
227	63.3	31.3	93.9

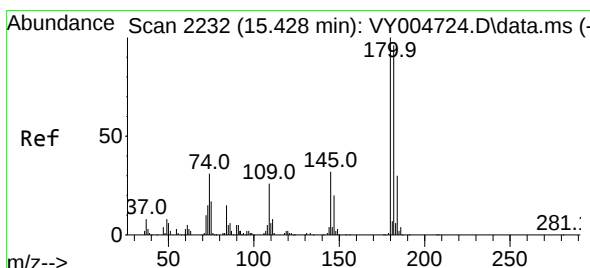
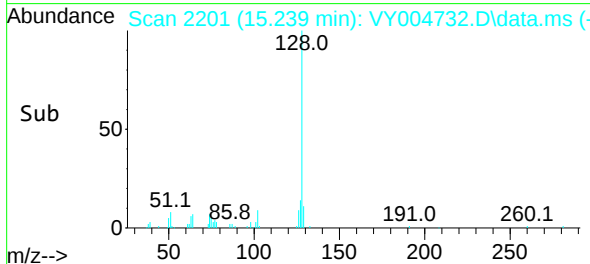
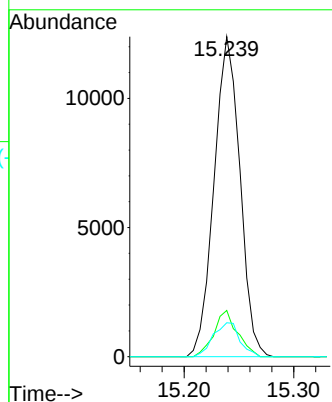
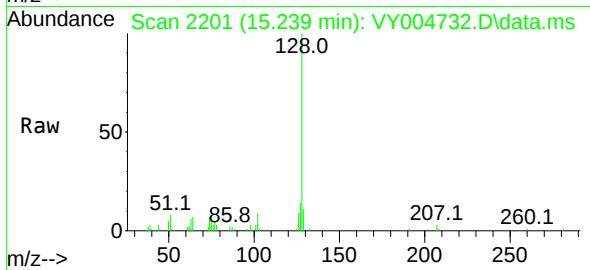




#95
Naphthalene
Concen: 3.85 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	128	Resp:	20296
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.25 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	180	Resp:	9156
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.9	143.7
145	31.2	16.3	48.8

