

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052521\
 Data File : VY004870.D
 Acq On : 25 May 2021 11:54
 Operator : SY/MD
 Sample : M2250-03
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

Quant Time: May 26 03:10:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 26 03:09:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	286711	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	258020	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	119997	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	109509	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
7) Chloroethane-d5	2.765	69	87749	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
11) 1,1-Dichloroethene-d2	3.863	63	154839	19.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.16%
21) 2-Butanone-d5	6.899	46	91612	47.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.54%
24) Chloroform-d	7.490	84	184260	25.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	8.149	65	113888	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
32) Benzene-d6	8.118	84	404092	26.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	9.124	67	127034	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.36%
41) Toluene-d8	10.185	98	345587	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
43) trans-1,3-Dichloroprop...	10.441	79	56590	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
47) 2-Hexanone-d5	10.794	63	63403	46.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.60%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	104743	23.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.80%
66) 1,2-Dichlorobenzene-d4	13.727	152	110854	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	3895	1.02	ug/L	94
3) Chloromethane	2.119	50	6119	1.31	ug/L	88
5) Vinyl chloride	2.259	62	5465	1.09	ug/L	87
6) Bromomethane	2.662	94	2519	1.28	ug/L	81
8) Chloroethane	2.802	64	2870	0.98	ug/L	84
9) Trichlorofluoromethane	3.137	101	5595	0.87	ug/L	95
12) 1,1-Dichloroethene	3.875	96	4706	1.33	ug/L #	1
13) Acetone	3.954	43	3218	2.81	ug/L	75
14) Carbon disulfide	4.204	76	11451	1.01	ug/L	100
15) Methyl Acetate	4.491	43	2971	0.93	ug/L #	76
17) trans-1,2-Dichloroethene	5.234	96	3397	0.88	ug/L	97
18) Methyl tert-butyl Ether	5.234	73	9375	0.85	ug/L #	88
19) 1,1-Dichloroethane	6.027	63	6882	0.94	ug/L	94
25) Chloroform	7.515	83	11936	1.59	ug/L	96
27) 1,2-Dichloroethane	8.246	62	5185	1.00	ug/L	98
29) Cyclohexane	7.789	56	5382	0.80	ug/L #	33
30) 1,1,1-Trichloroethane	7.710	97	6038	0.99	ug/L #	83
31) Carbon tetrachloride	7.905	117	3736	0.78	ug/L	97
33) Benzene	8.167	78	14768	0.93	ug/L	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 26 03:09:44 2021
 Response via : Initial Calibration

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

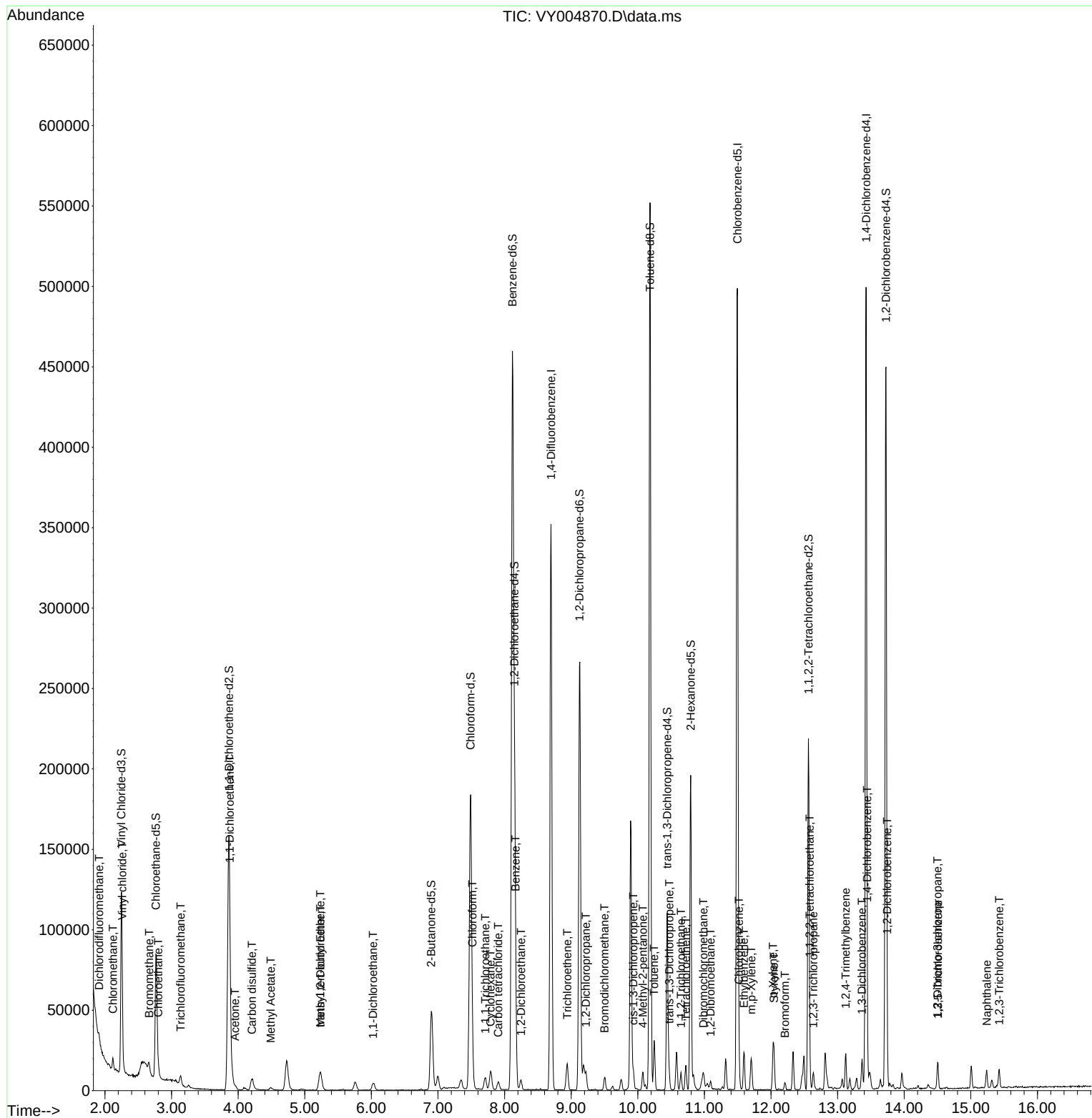
34) Trichloroethene	8.941	95	3883	0.97	ug/L	92
37) 1,2-Dichloropropane	9.222	63	4111	0.97	ug/L #	92
38) Bromodichloromethane	9.502	83	4809	0.92	ug/L #	99
39) cis-1,3-Dichloropropene	9.935	75	5969	0.91	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	7819	1.73	ug/L	95
42) Toluene	10.246	91	19802	1.18	ug/L	98
44) trans-1,3-Dichloropropene	10.471	75	8542	1.39	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	2972	0.90	ug/L	92
46) Tetrachloroethene	10.721	164	2652	0.87	ug/L	82
49) Dibromochloromethane	10.983	129	3432	0.92	ug/L	100
50) 1,2-Dibromoethane	11.093	107	2919	0.92	ug/L	88
51) Chlorobenzene	11.520	112	9714	0.93	ug/L	95
52) Ethylbenzene	11.593	91	15915	0.88	ug/L	99
53) m,p-Xylene	11.703	106	5810	0.86	ug/L	95
54) o-Xylene	12.032	106	5294	0.82	ug/L	95
55) Styrene	12.044	104	8260	0.75	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.581	83	4062	1.01	ug/L #	94
59) Bromoform	12.209	173	1966	0.86	ug/L	97
61) 1,2,3-Trichloropropane	12.636	75	3196	0.98	ug/L	93
63) 1,2,4-Trimethylbenzene	13.123	105	10928	0.81	ug/L	95
64) 1,3-Dichlorobenzene	13.367	146	6606	0.92	ug/L	96
65) 1,4-Dichlorobenzene	13.446	146	6848	0.94	ug/L	92
67) 1,2-Dichlorobenzene	13.745	146	6242	0.94	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.501	75	1023	1.38	ug/L #	5
69) 1,3,5-Trichlorobenzene	14.507	180	4445	0.92	ug/L	96
71) Naphthalene	15.239	128	8420	0.83	ug/L	97
72) 1,2,3-Trichlorobenzene	15.428	180	3350	0.91	ug/L	99

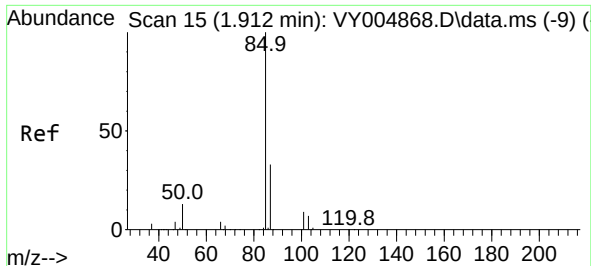
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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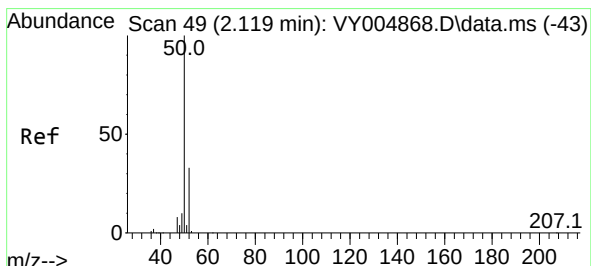
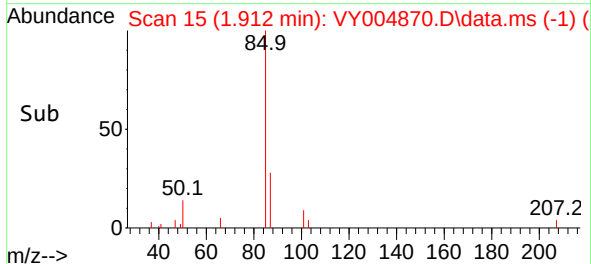
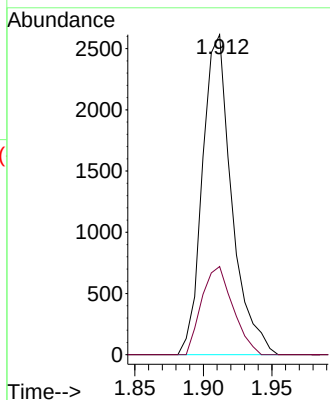
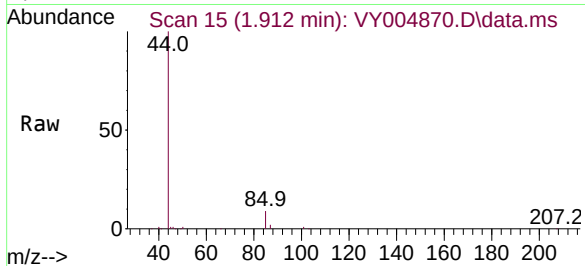




#2
Dichlorodifluoromethane
Concen: 1.02 ug/L
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

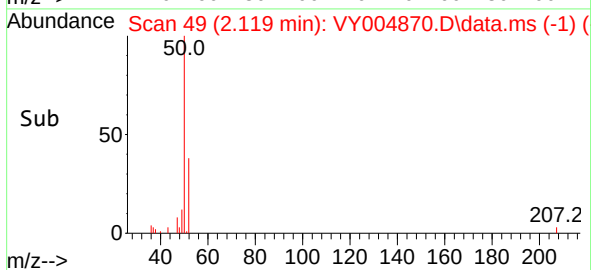
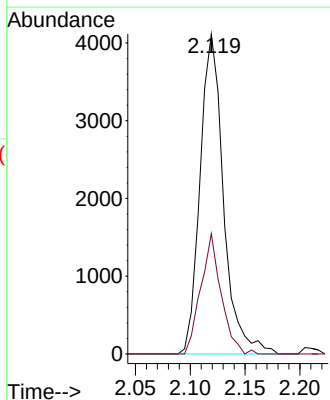
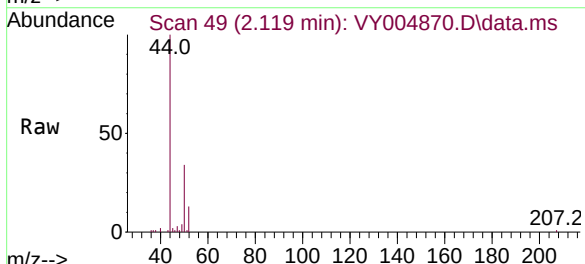
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

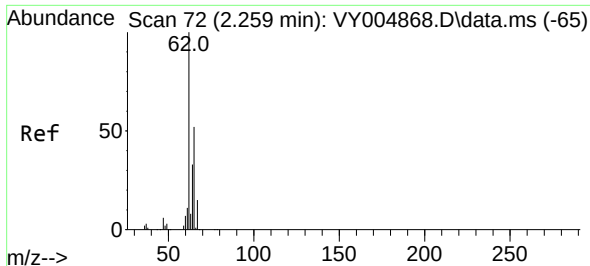
Tgt Ion: 85 Resp: 3895
Ion Ratio Lower Upper
85 100
87 29.4 26.2 39.2



#3
Chloromethane
Concen: 1.31 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 50 Resp: 6119
Ion Ratio Lower Upper
50 100
52 37.6 21.8 40.4

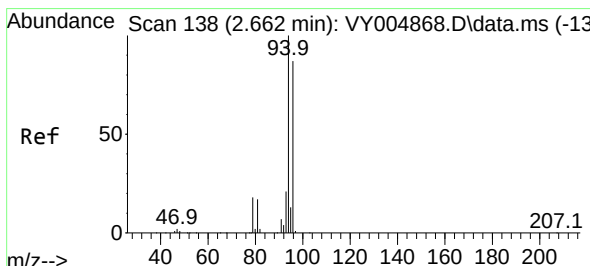
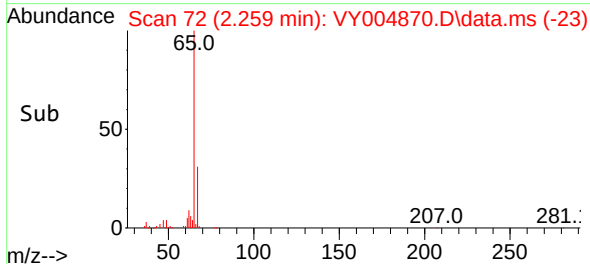
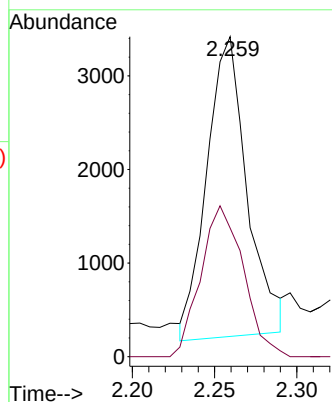
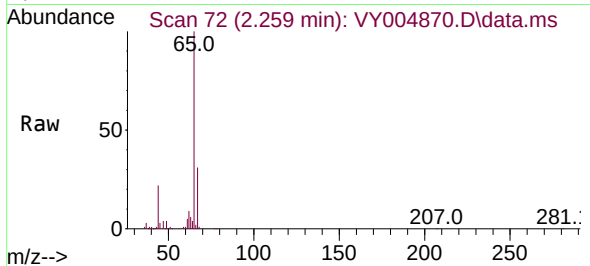




#5
 Vinyl chloride
 Concen: 1.09 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY004870.D
 Acq: 25 May 2021 11:54

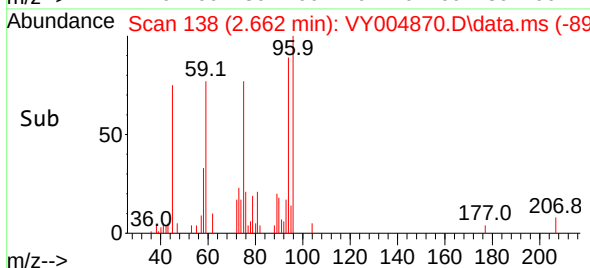
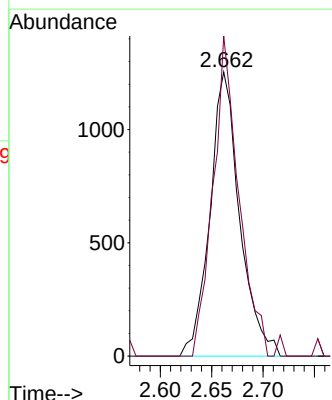
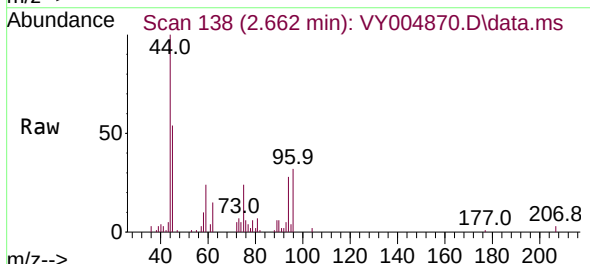
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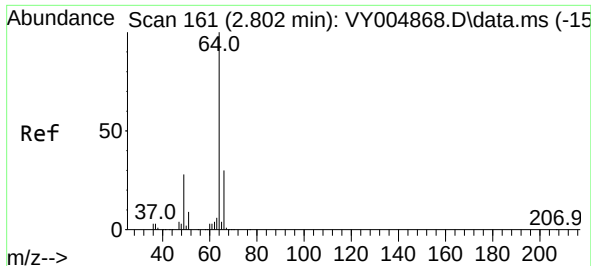
Tgt Ion: 62 Resp: 5465
 Ion Ratio Lower Upper
 62 100
 64 40.2 22.8 42.4



#6
 Bromomethane
 Concen: 1.28 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY004870.D
 Acq: 25 May 2021 11:54

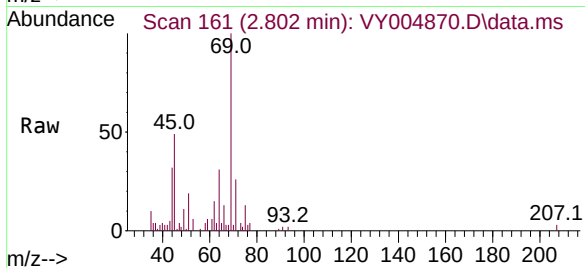
Tgt Ion: 94 Resp: 2519
 Ion Ratio Lower Upper
 94 100
 96 112.7 65.9 122.5



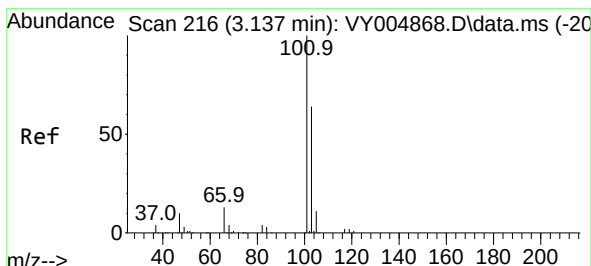
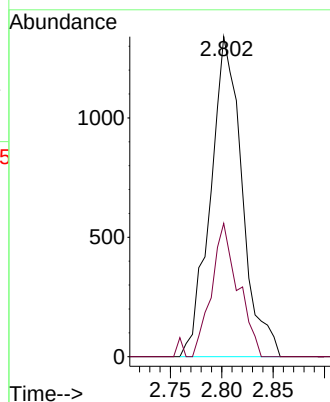
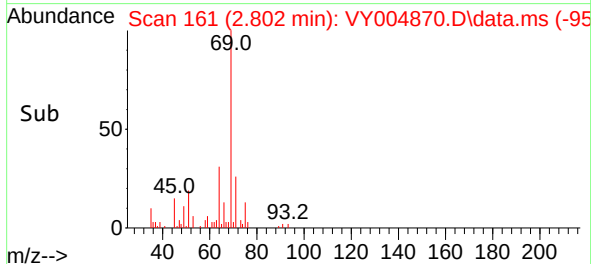


#8
Chloroethane
Concen: 0.98 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

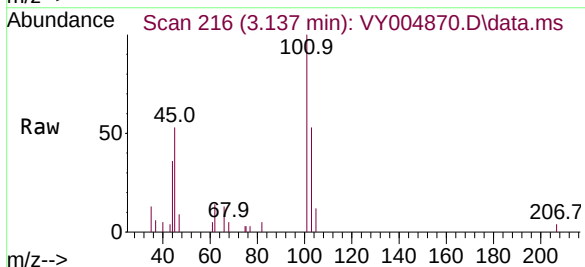
Instrument :
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ClientSampleId :
MDL-SOIL-QT3-2021-05



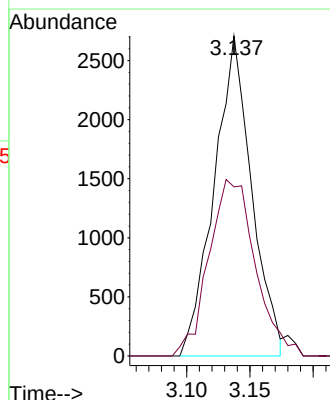
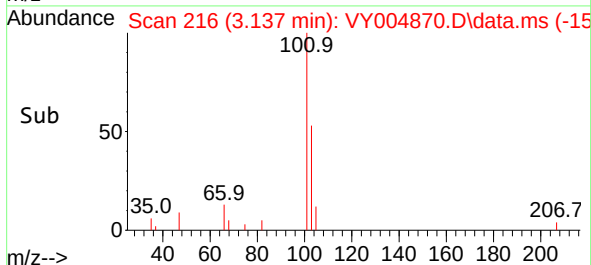
Tgt Ion: 64 Resp: 2870
Ion Ratio Lower Upper
64 100
66 41.6 22.7 42.3

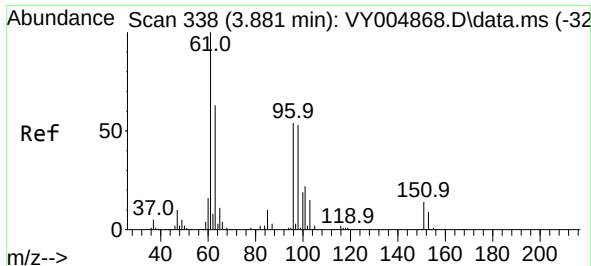


#9
Trichlorofluoromethane
Concen: 0.87 ug/L
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 101 Resp: 5595
Ion Ratio Lower Upper
101 100
103 68.2 51.4 77.2

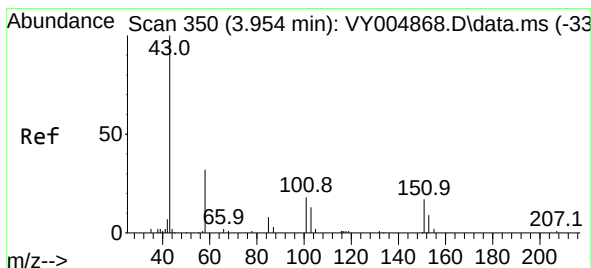
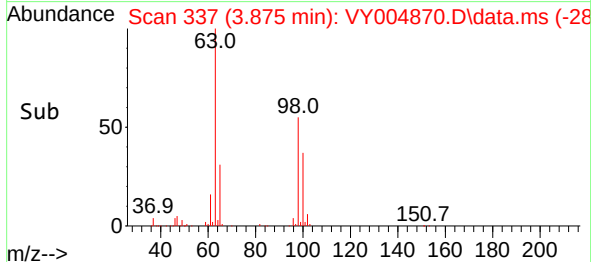
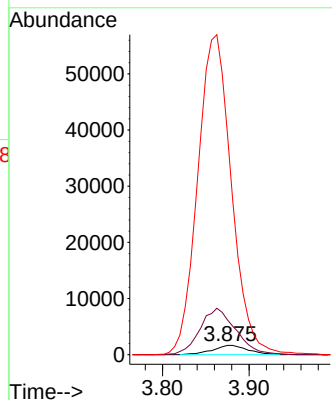
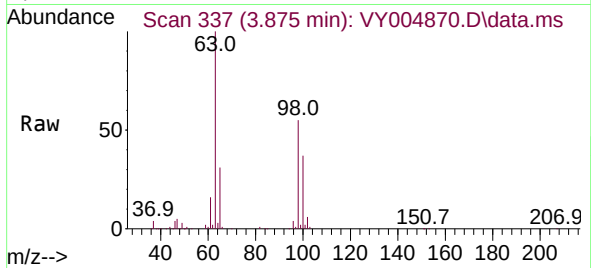




#12
1,1-Dichloroethene
Concen: 1.33 ug/L
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

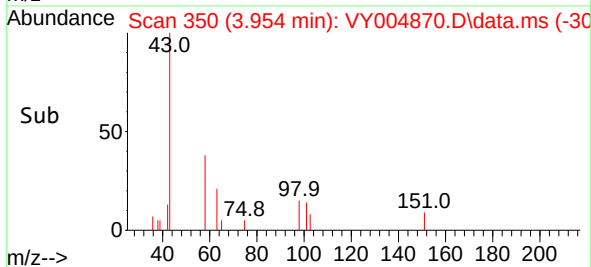
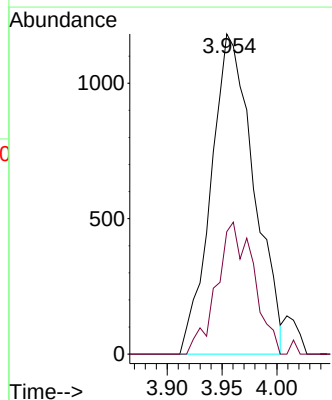
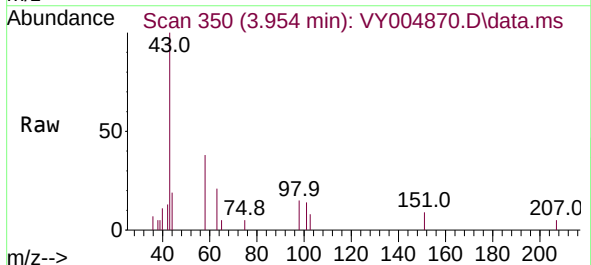
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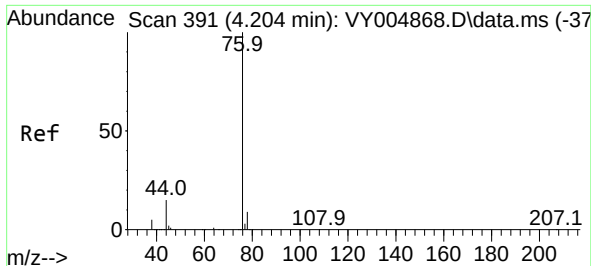
Tgt Ion: 96 Resp: 4706
Ion Ratio Lower Upper
96 100
61 376.0 121.2 225.2#
63 2385.5 86.9 161.3#



#13
Acetone
Concen: 2.81 ug/L
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 43 Resp: 3218
Ion Ratio Lower Upper
43 100
58 16.7 0.0 61.0

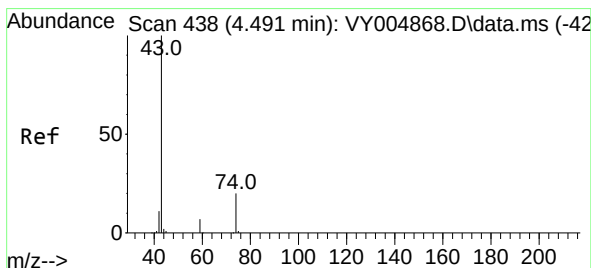
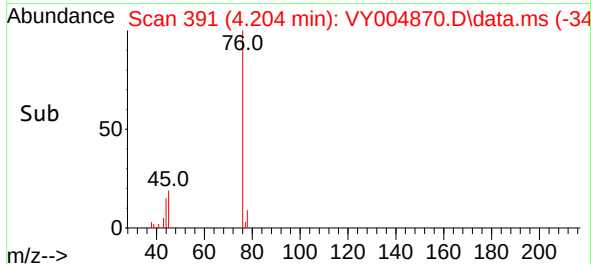
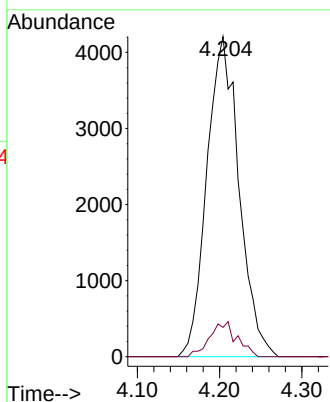
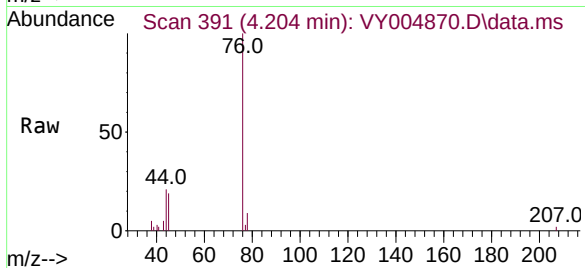




#14
Carbon disulfide
Concen: 1.01 ug/L
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

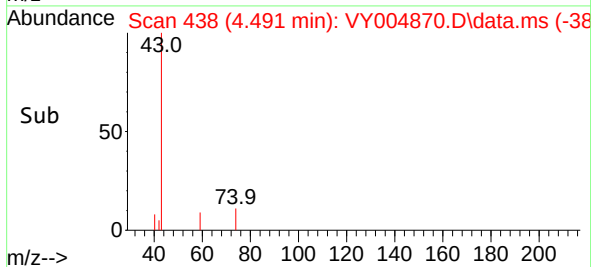
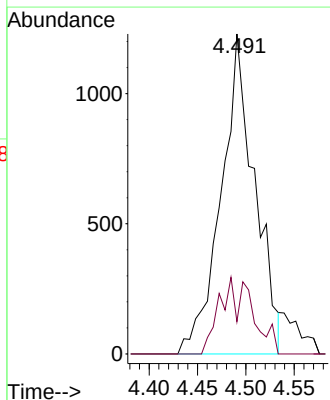
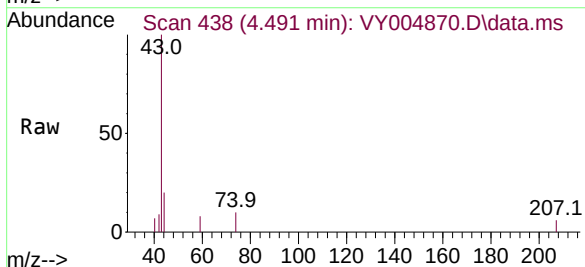
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

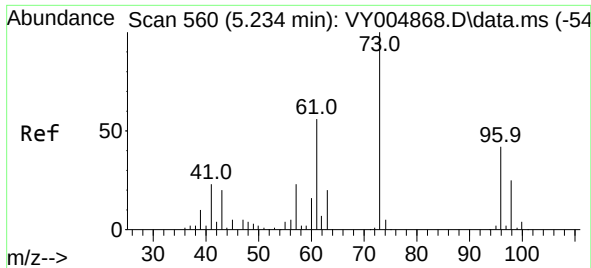
Tgt Ion: 76 Resp: 11451
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#15
Methyl Acetate
Concen: 0.93 ug/L
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 43 Resp: 2971
Ion Ratio Lower Upper
43 100
74 9.7 16.7 25.1#





#17

trans-1,2-Dichloroethene

Concen: 0.88 ug/L

RT: 5.234 min Scan# 560

Delta R.T. -0.000 min

Lab File: VY004870.D

Acq: 25 May 2021 11:54

Tgt Ion: 96 Resp: 3397

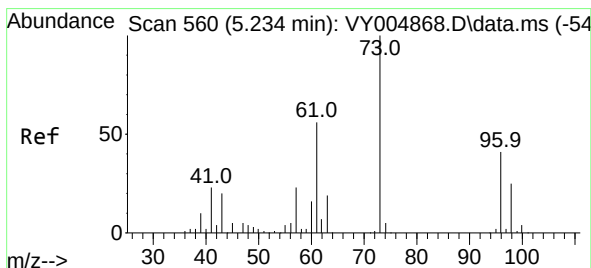
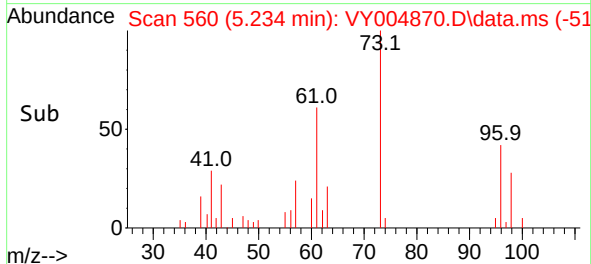
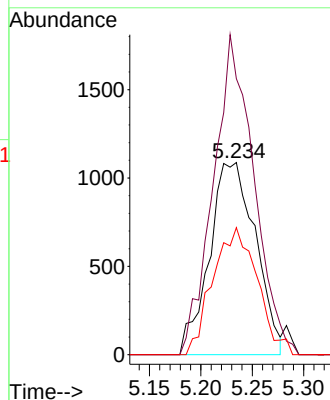
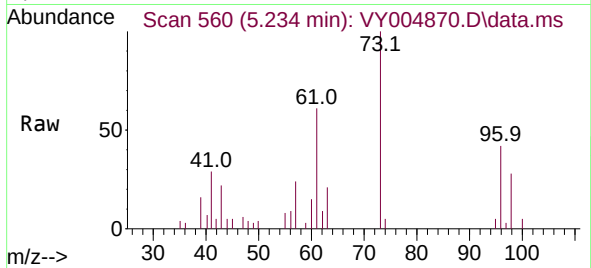
Ion	Ratio	Lower	Upper
96	100		
61	143.6	97.6	181.2
98	66.1	44.8	83.2

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-QT3-2021-05



#18

Methyl tert-butyl Ether

Concen: 0.85 ug/L

RT: 5.234 min Scan# 560

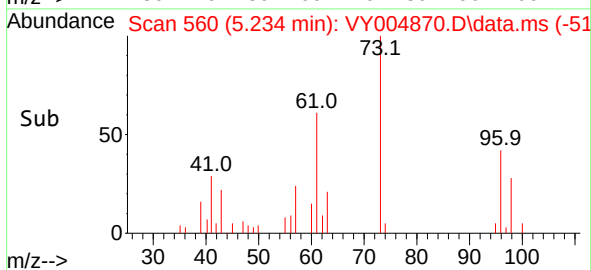
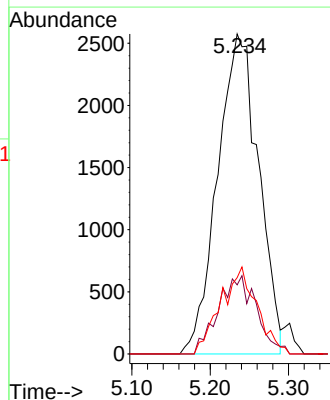
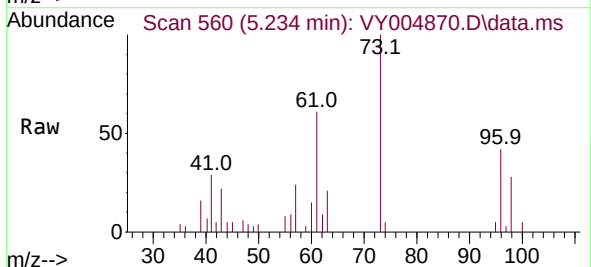
Delta R.T. -0.000 min

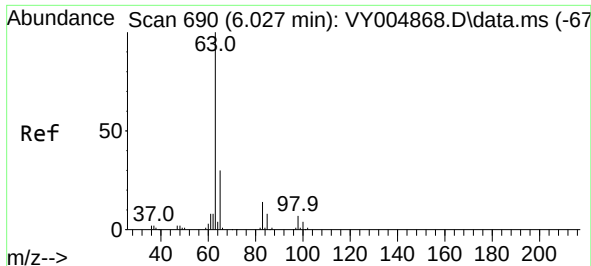
Lab File: VY004870.D

Acq: 25 May 2021 11:54

Tgt Ion: 73 Resp: 9375

Ion	Ratio	Lower	Upper
73	100		
43	16.5	16.8	25.2#
57	16.3	18.7	28.1#





#19

1,1-Dichloroethane

Concen: 0.94 ug/L

RT: 6.027 min Scan# 690

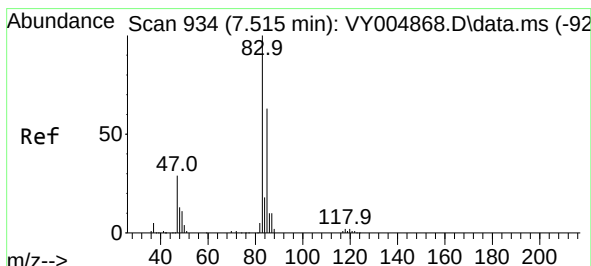
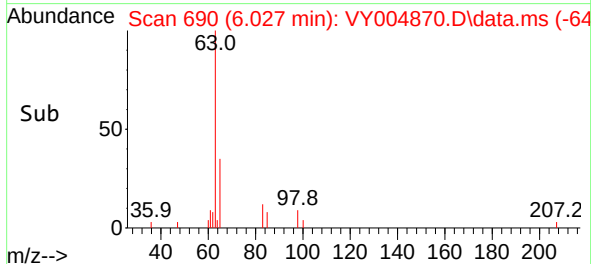
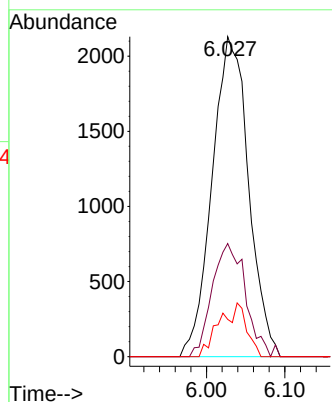
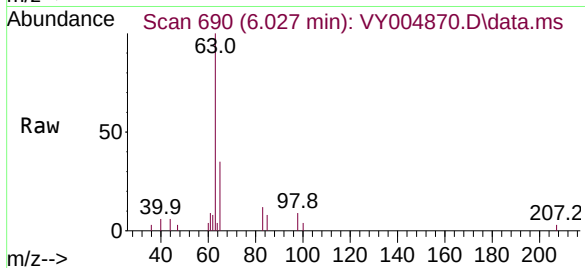
Delta R.T. -0.000 min

Lab File: VY004870.D

Acq: 25 May 2021 11:54

Tgt Ion:	63	Resp:	6882
Ion	Ratio	Lower	Upper
63	100		
65	35.4	22.4	41.6
83	11.6	9.5	17.7

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



#25

Chloroform

Concen: 1.59 ug/L

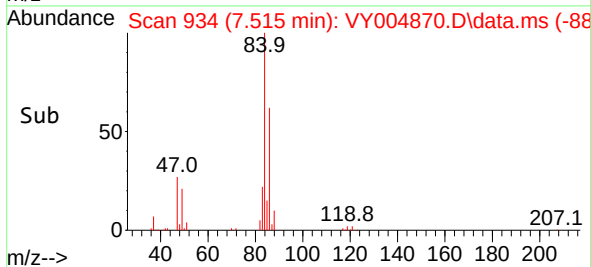
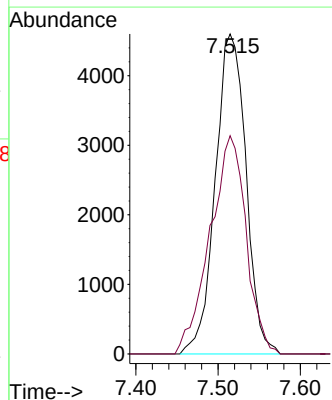
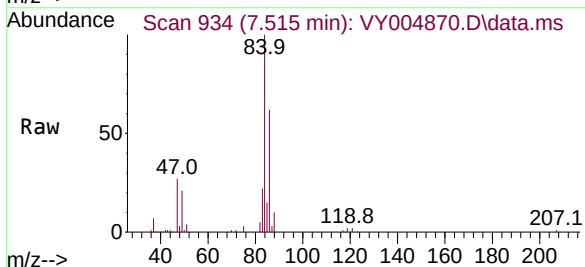
RT: 7.515 min Scan# 934

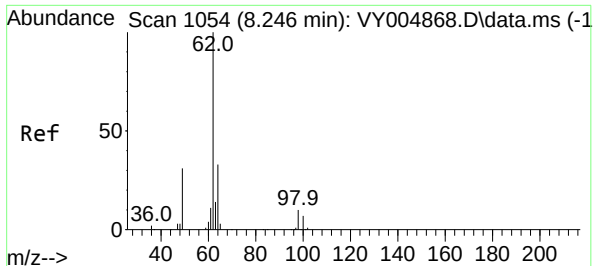
Delta R.T. -0.000 min

Lab File: VY004870.D

Acq: 25 May 2021 11:54

Tgt Ion:	83	Resp:	11936
Ion	Ratio	Lower	Upper
83	100		
85	68.2	45.4	84.4





#27

1,2-Dichloroethane

Concen: 1.00 ug/L

RT: 8.246 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VY004870.D

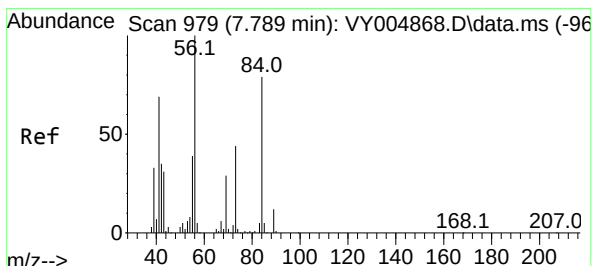
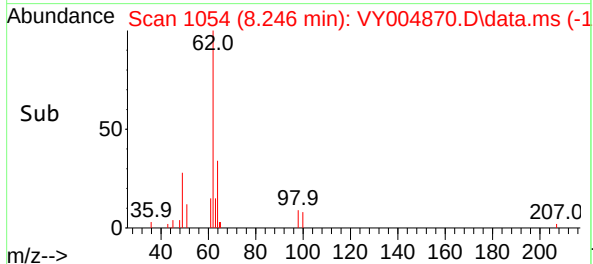
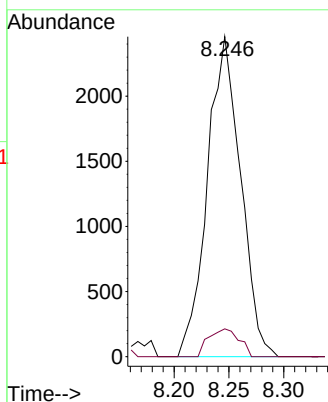
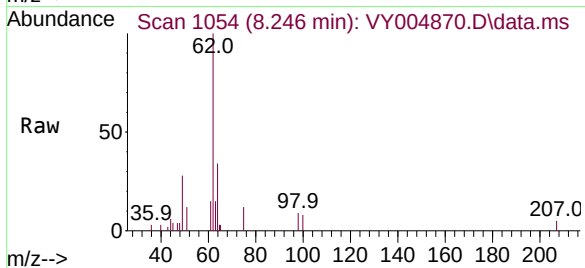
Acq: 25 May 2021 11:54

Tgt Ion: 62 Resp: 5185

Ion Ratio Lower Upper

62 100

98 8.7 7.5 11.3



#29

Cyclohexane

Concen: 0.80 ug/L

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY004870.D

Acq: 25 May 2021 11:54

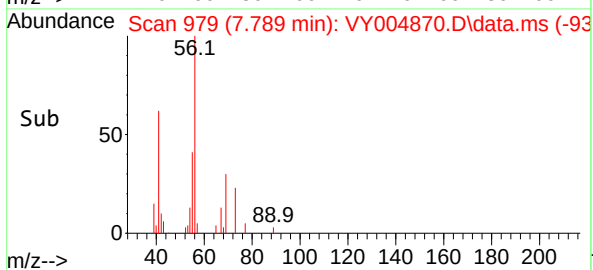
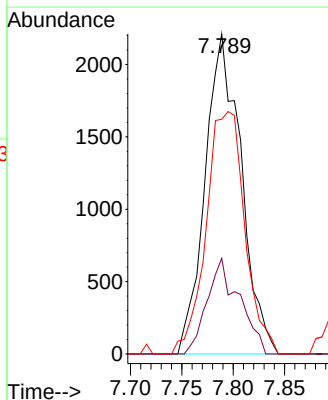
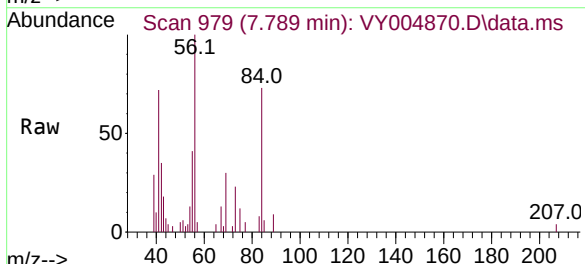
Tgt Ion: 56 Resp: 5382

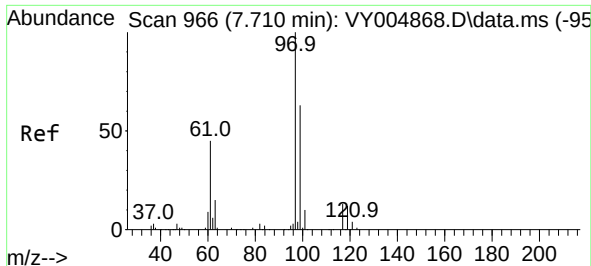
Ion Ratio Lower Upper

56 100

69 17.0 22.6 33.8#

84 8.7 66.1 99.1#

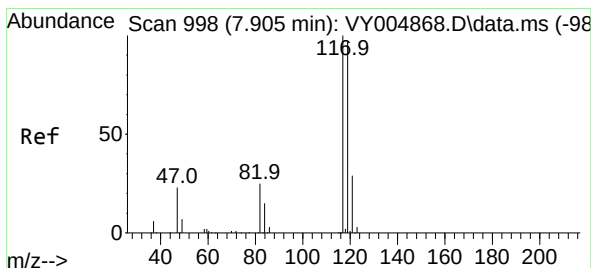
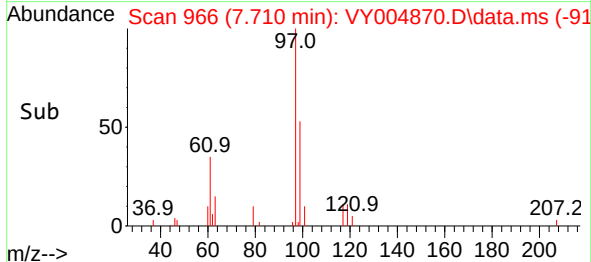
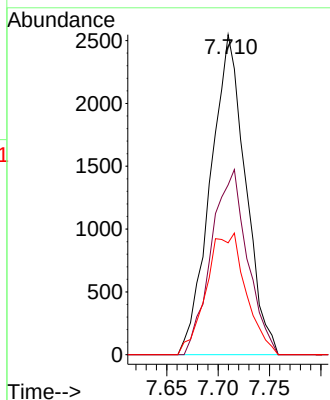
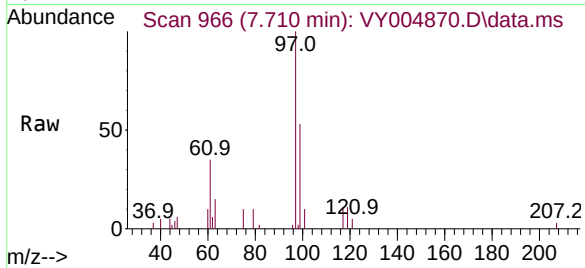




#30
1,1,1-Trichloroethane
Concen: 0.99 ug/L
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

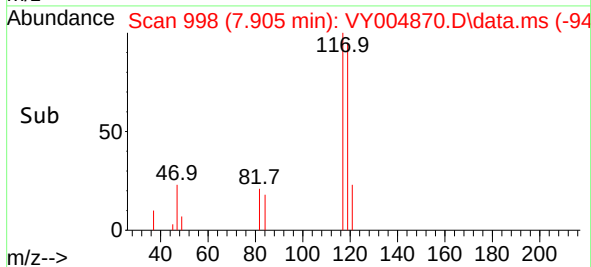
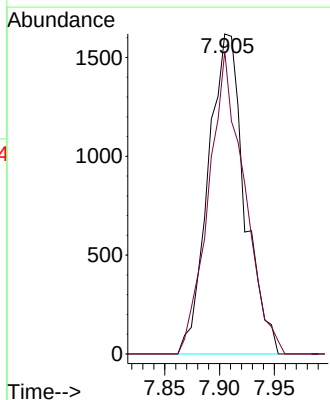
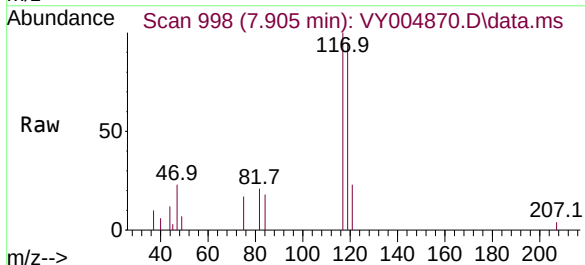
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

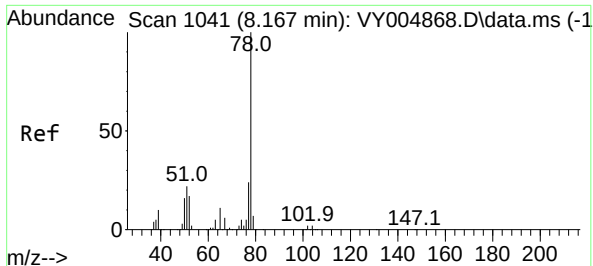
Tgt Ion: 97 Resp: 6038
Ion Ratio Lower Upper
97 100
99 59.7 51.8 77.6
61 25.7 37.3 55.9#



#31
Carbon tetrachloride
Concen: 0.78 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 117 Resp: 3736
Ion Ratio Lower Upper
117 100
119 92.6 76.2 114.2

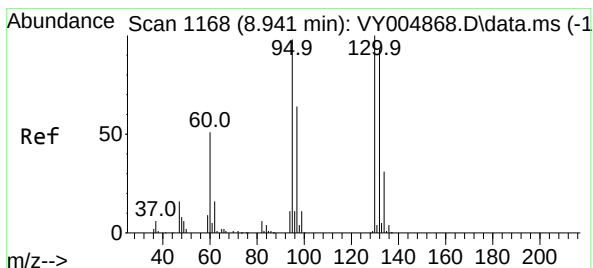
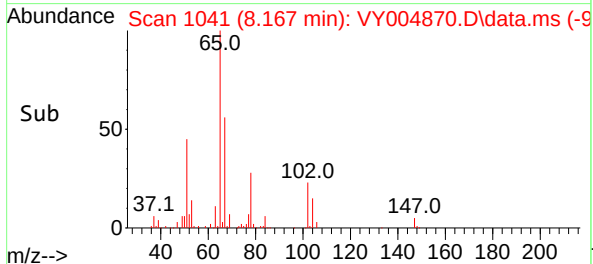
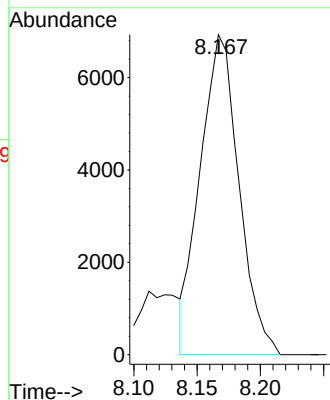
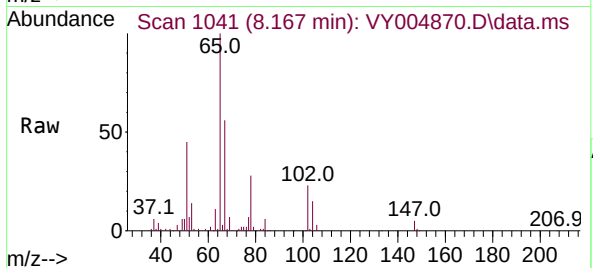




#33
Benzene
Concen: 0.93 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

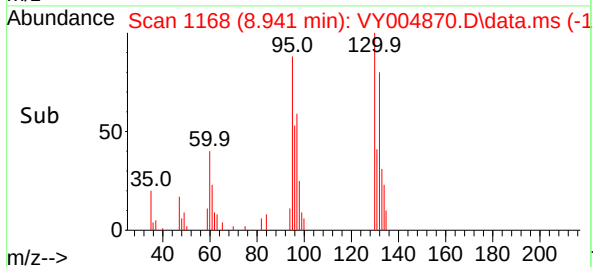
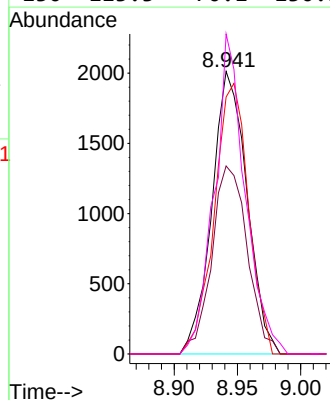
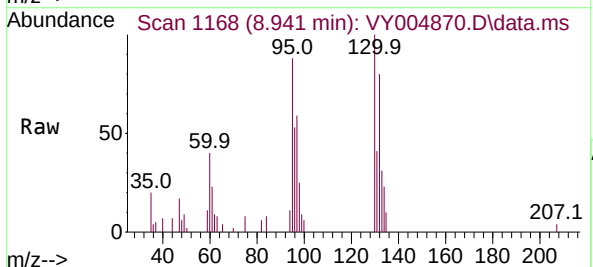
Tgt Ion: 78 Resp: 14768

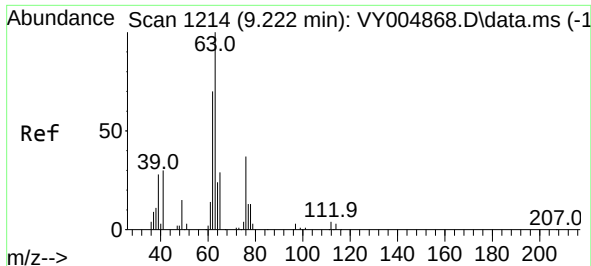


#34
Trichloroethene
Concen: 0.97 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 95 Resp: 3883

Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.2	82.2
132	91.0	66.8	124.0
130	113.3	70.1	130.1

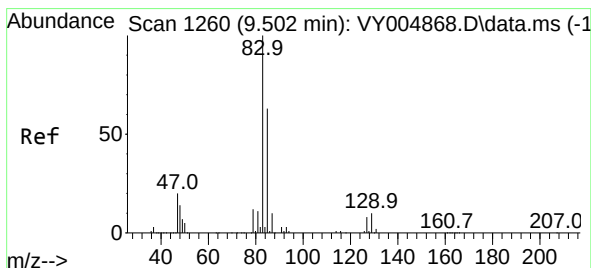
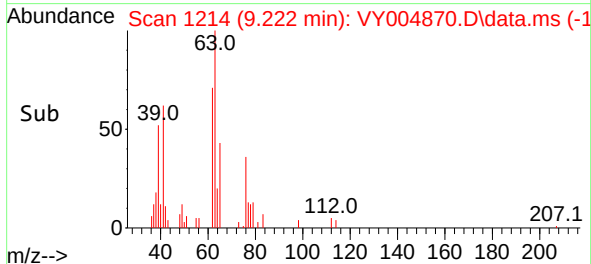
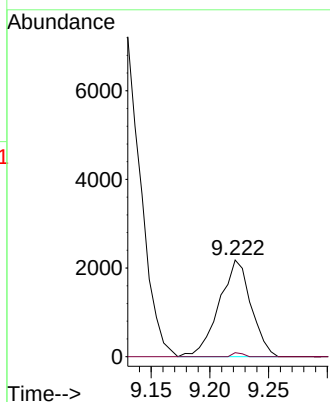
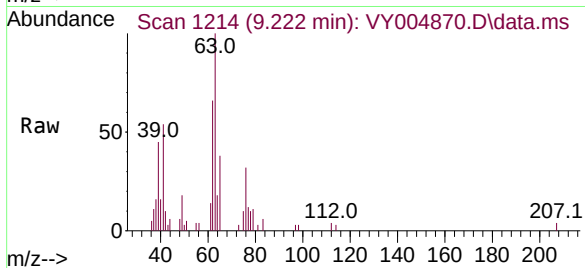




#37
1,2-Dichloropropane
Concen: 0.97 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

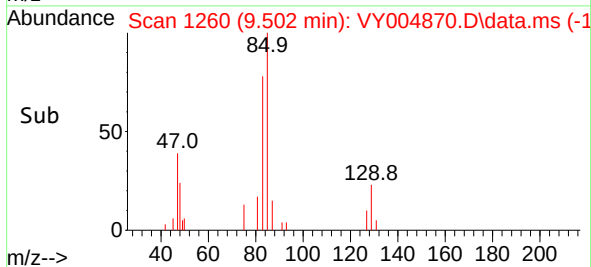
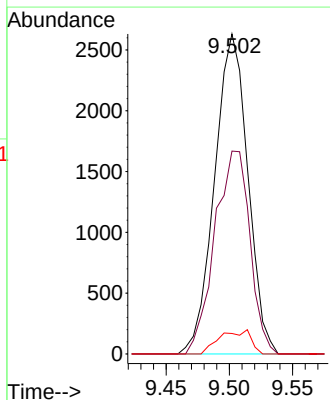
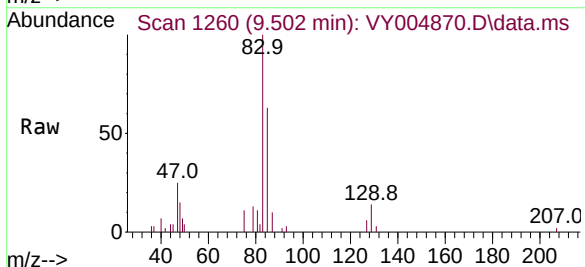
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

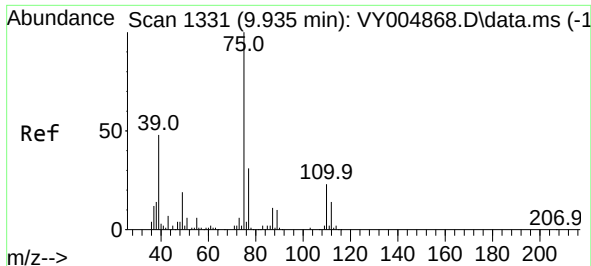
Tgt Ion: 63 Resp: 4111
Ion Ratio Lower Upper
63 100
112 1.4 3.1 4.7#



#38
Bromodichloromethane
Concen: 0.92 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 83 Resp: 4809
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9
127 6.4 6.9 10.3#

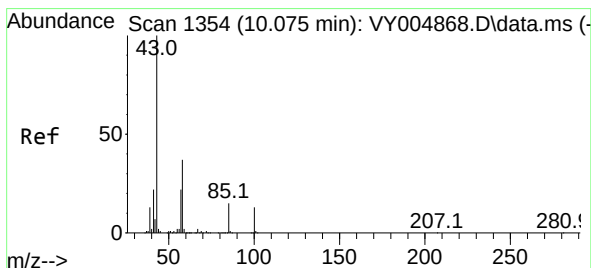
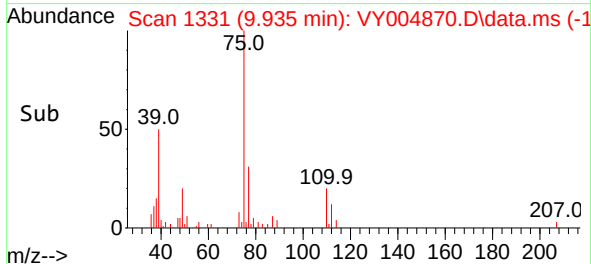
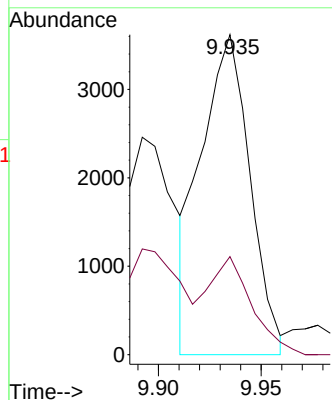
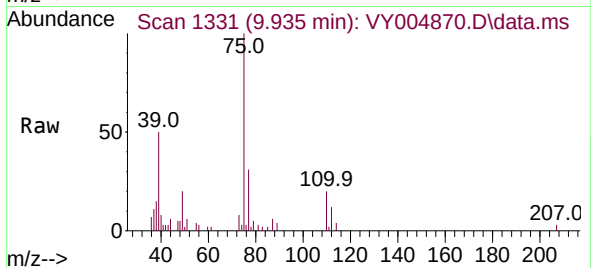




#39
cis-1,3-Dichloropropene
Concen: 0.91 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

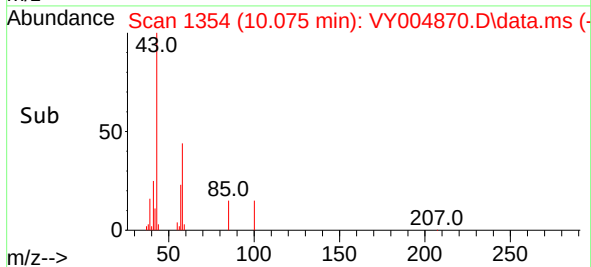
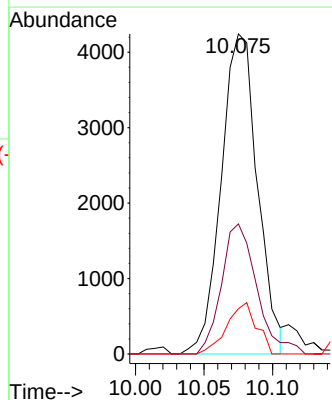
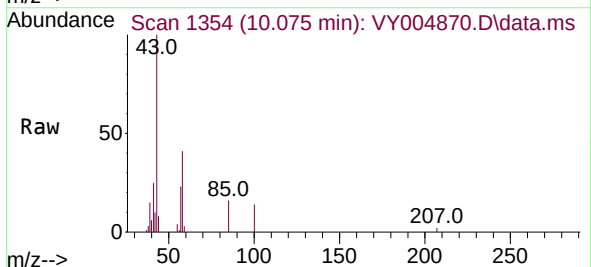
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

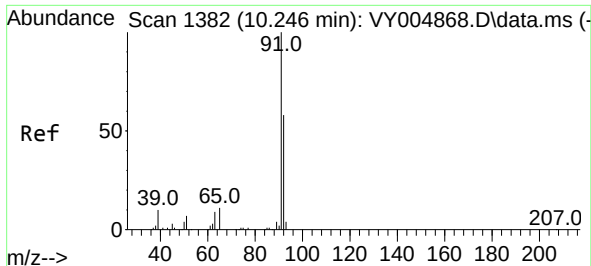
Tgt Ion: 75 Resp: 5969
Ion Ratio Lower Upper
75 100
77 30.6 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 1.73 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 43 Resp: 7819
Ion Ratio Lower Upper
43 100
58 39.5 28.5 42.7
100 13.1 10.4 15.6

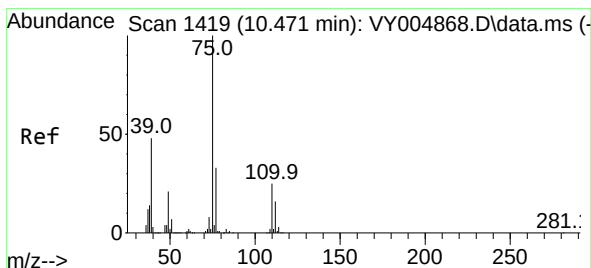
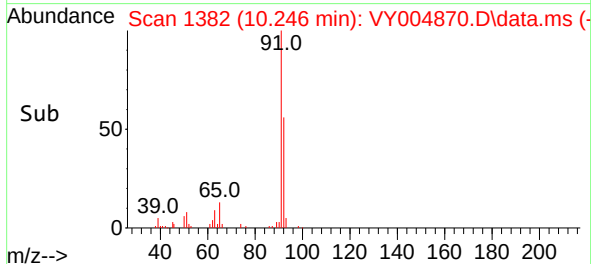
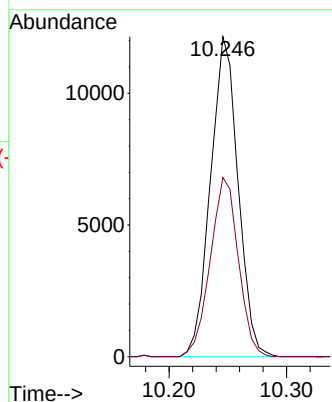
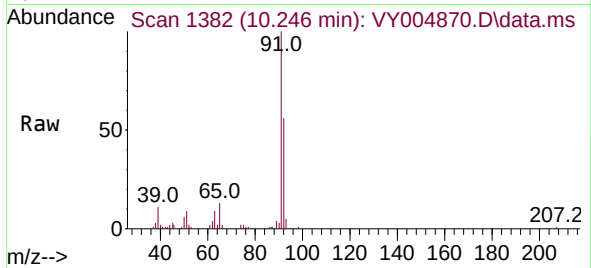




#42
Toluene
Concen: 1.18 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

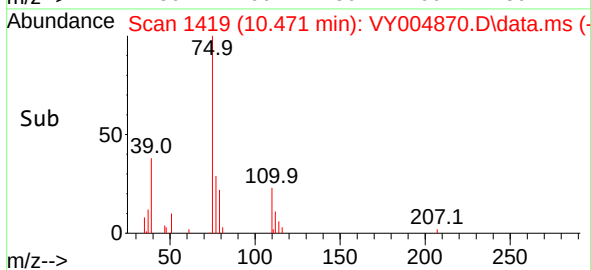
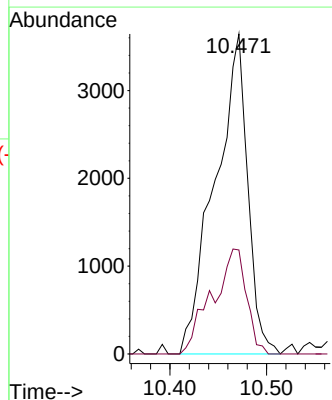
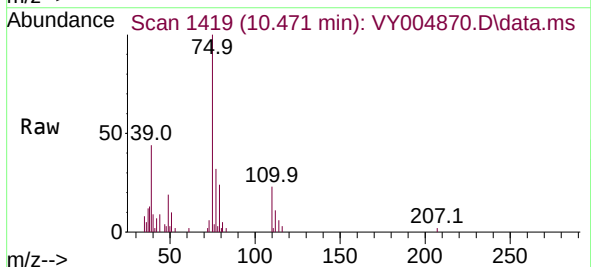
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

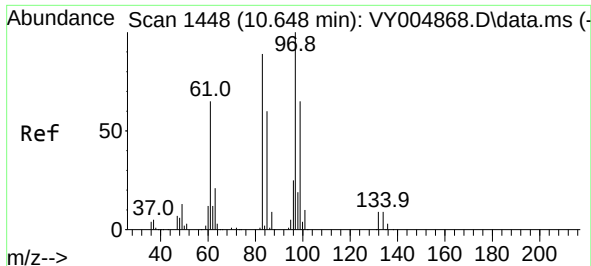
Tgt Ion: 91 Resp: 19802
Ion Ratio Lower Upper
91 100
92 56.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 1.39 ug/L
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 75 Resp: 8542
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4

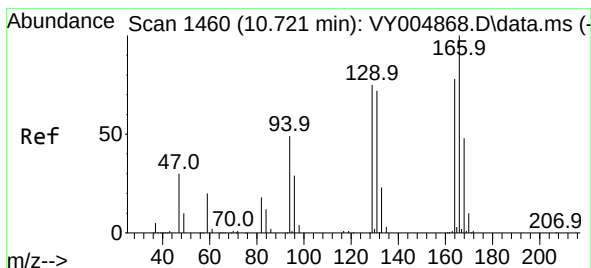
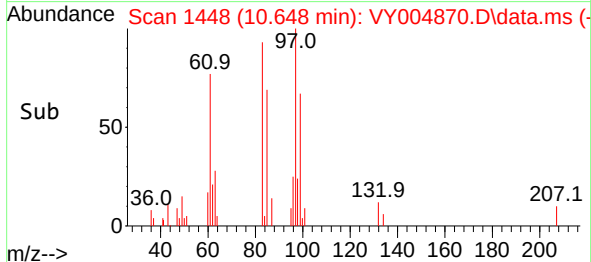
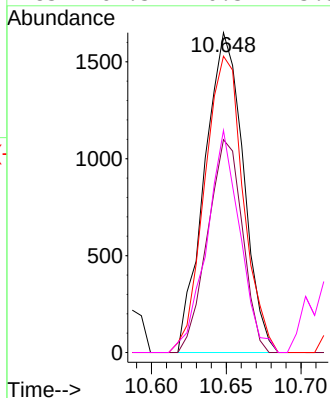
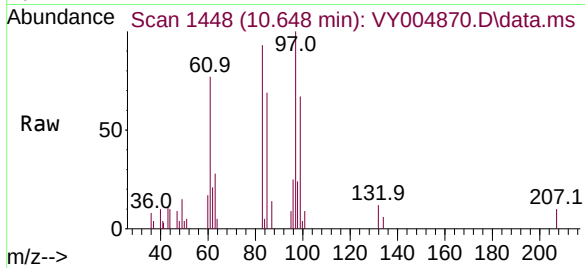




#45
1,1,2-Trichloroethane
Concen: 0.90 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

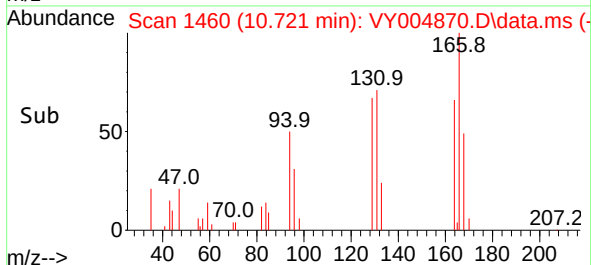
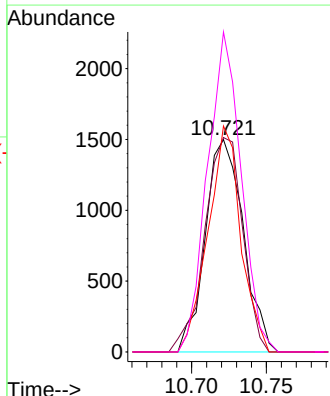
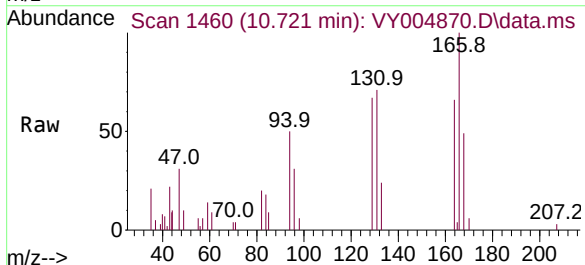
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

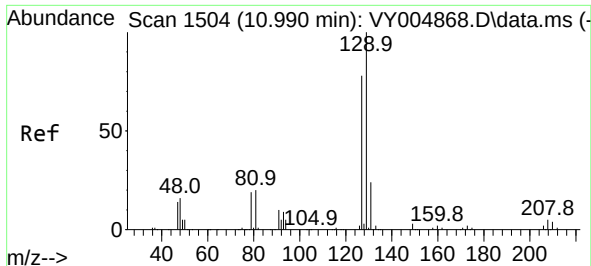
Tgt Ion:	97	Resp:	2972
Ion	Ratio	Lower	Upper
97	100		
99	66.5	44.2	82.0
83	92.7	61.1	113.5
85	69.5	40.5	75.3



#46
Tetrachloroethene
Concen: 0.87 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	164	Resp:	2652
Ion	Ratio	Lower	Upper
164	100		
129	100.9	65.9	122.3
131	106.4	61.9	115.1
166	150.7	85.3	158.3

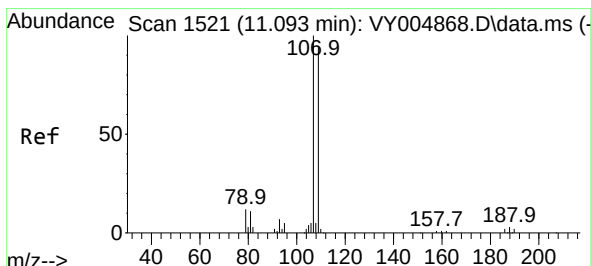
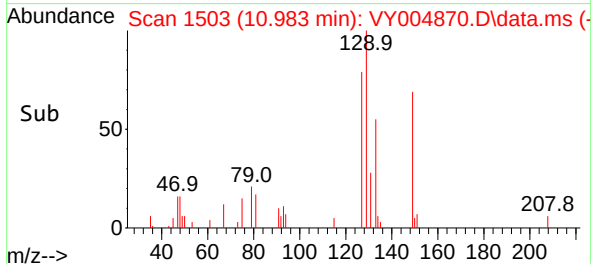
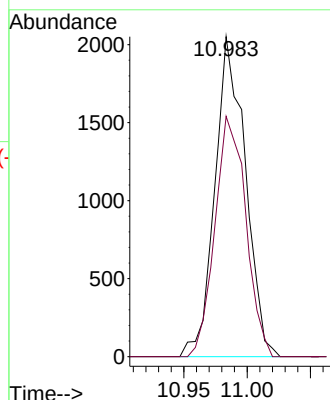
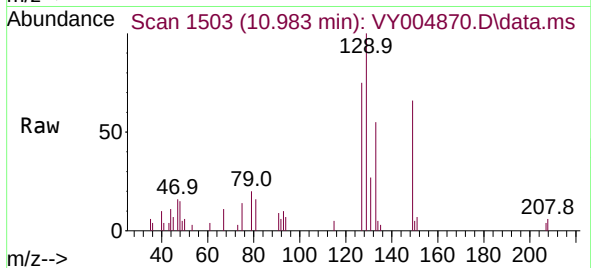




#49
Dibromochloromethane
Concen: 0.92 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

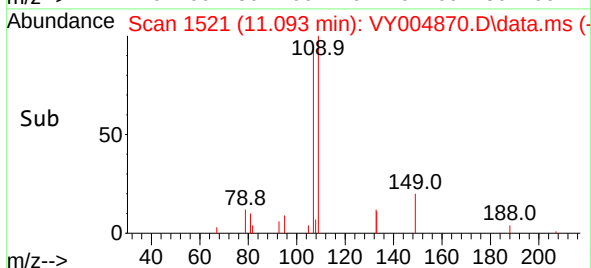
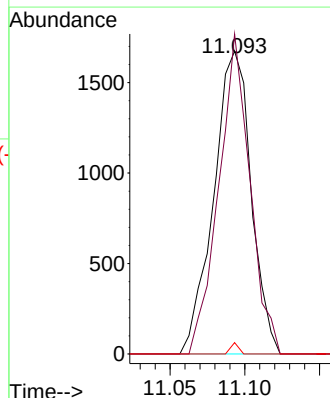
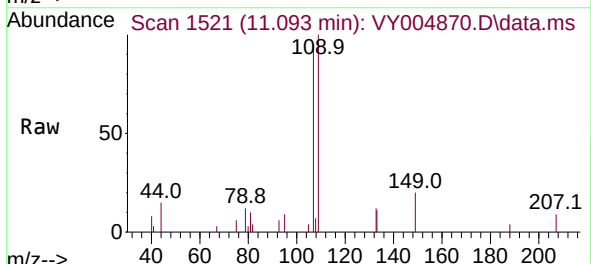
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

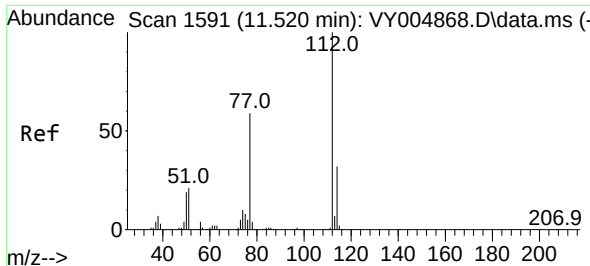
Tgt Ion:129 Resp: 3432
Ion Ratio Lower Upper
129 100
127 75.1 52.8 98.0



#50
1,2-Dibromoethane
Concen: 0.92 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:107 Resp: 2919
Ion Ratio Lower Upper
107 100
109 105.7 65.7 121.9
188 3.8 2.8 4.2

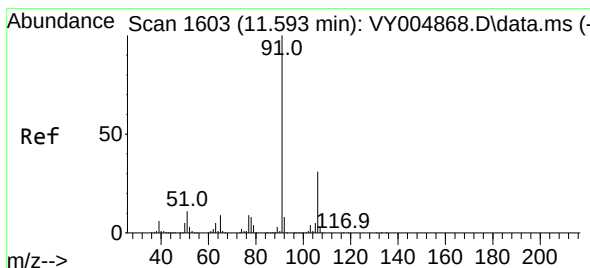
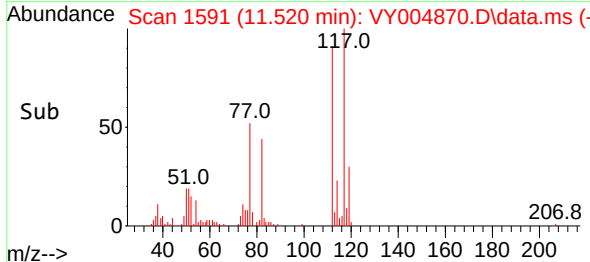
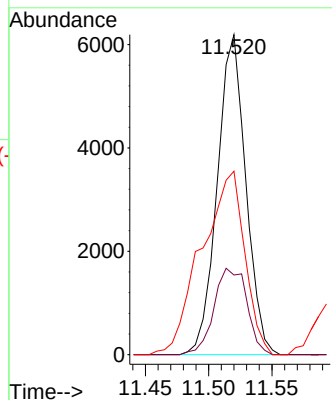
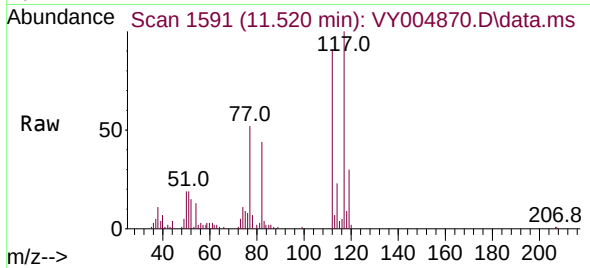




#51
Chlorobenzene
Concen: 0.93 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

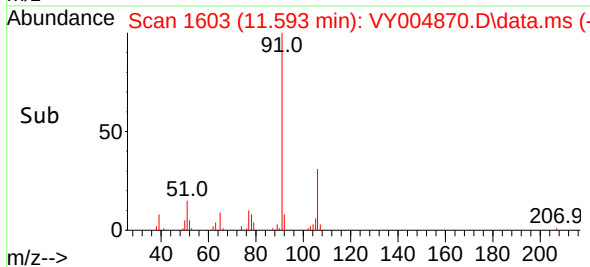
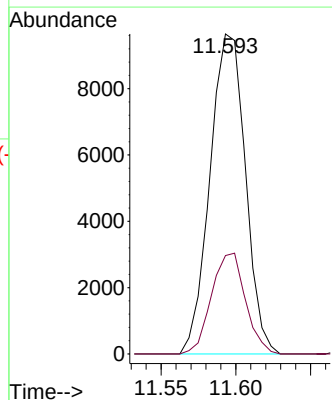
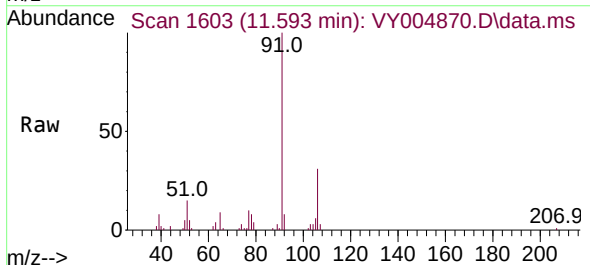
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

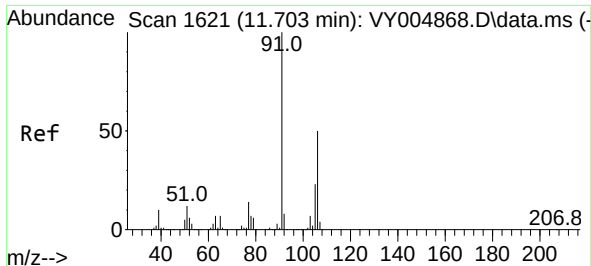
Tgt Ion:	112	Resp:	9714
Ion Ratio	Lower	Upper	
112	100		
114	24.9	22.3	41.5
77	57.3	46.5	69.7



#52
Ethylbenzene
Concen: 0.88 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	91	Resp:	15915
Ion Ratio	Lower	Upper	
91	100		
106	30.8	21.2	39.4

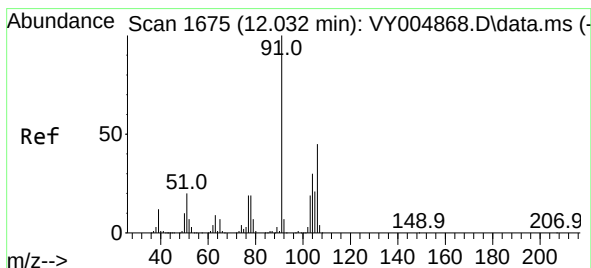
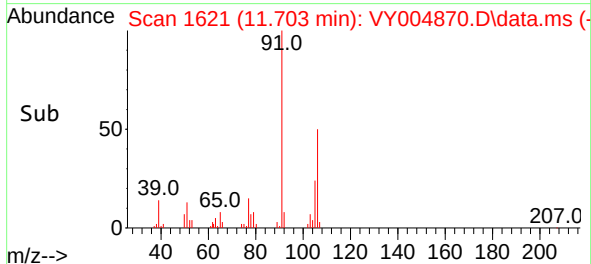
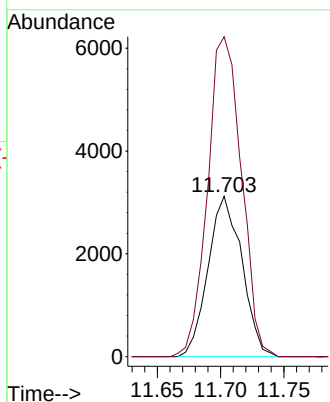
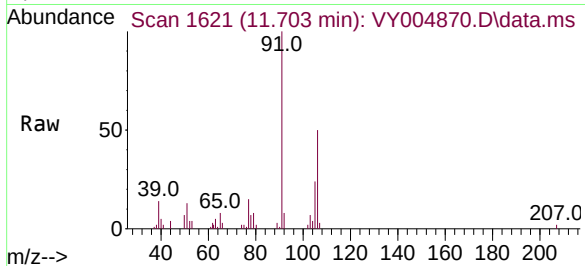




#53
m,p-Xylene
Concen: 0.86 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

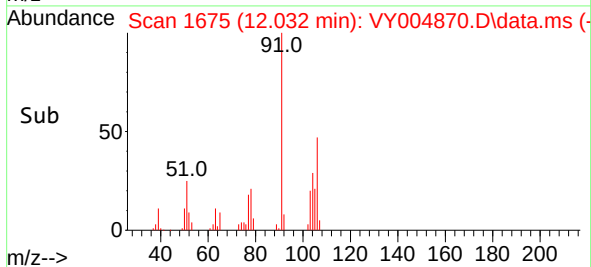
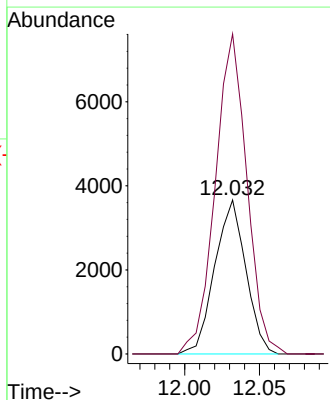
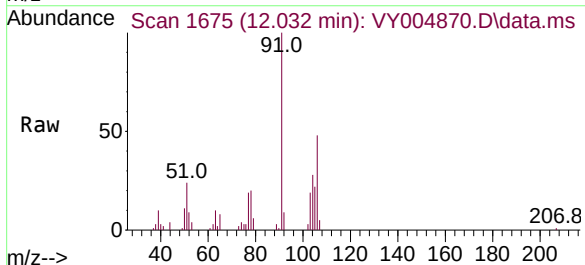
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

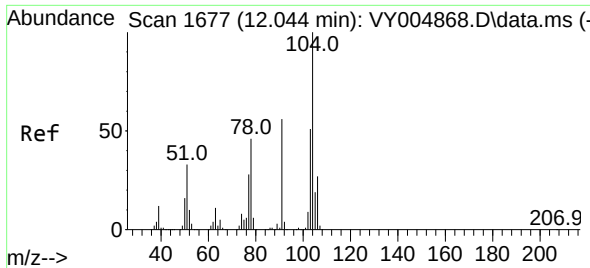
Tgt Ion:106 Resp: 5810
Ion Ratio Lower Upper
106 100
91 199.7 145.7 270.5



#54
o-Xylene
Concen: 0.82 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:106 Resp: 5294
Ion Ratio Lower Upper
106 100
91 207.9 150.6 279.6

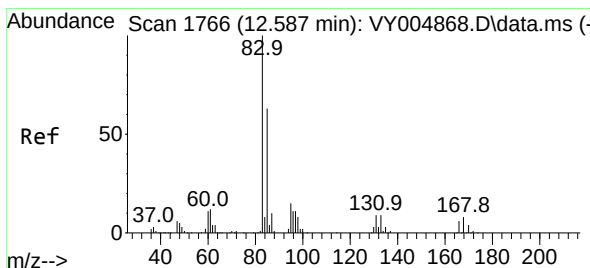
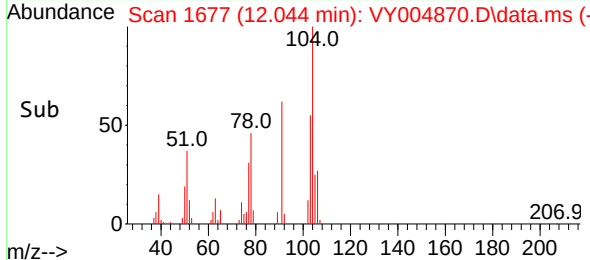
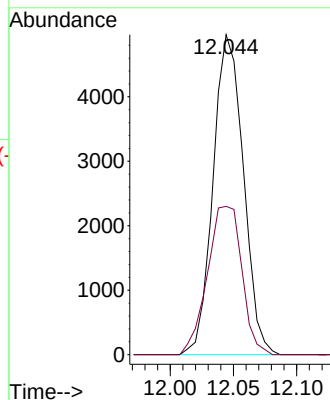
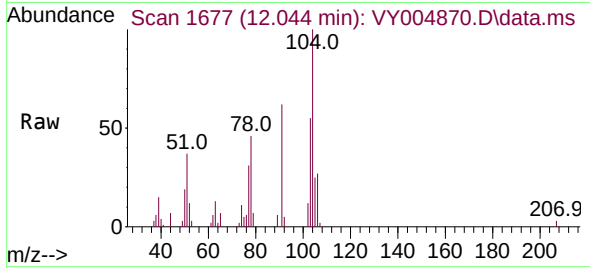




#55
Styrene
Concen: 0.75 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

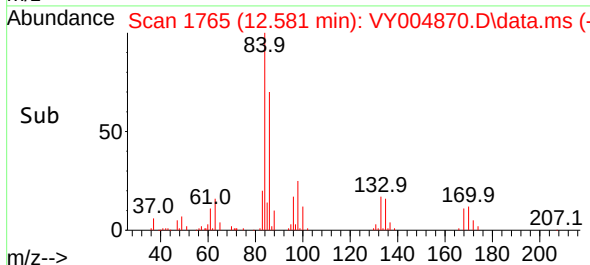
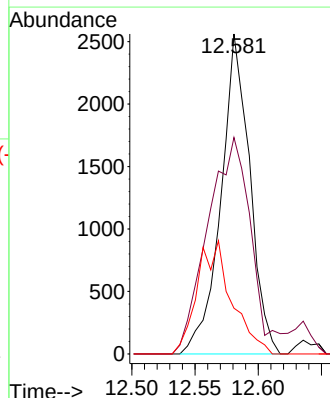
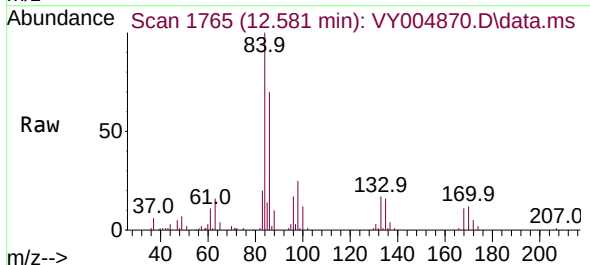
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

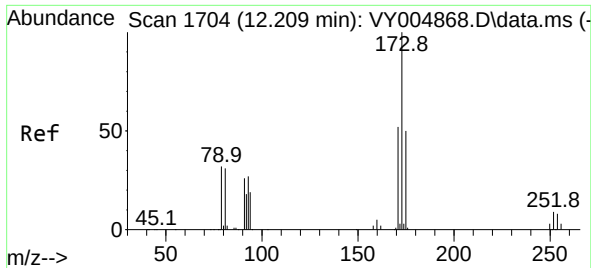
Tgt Ion:104 Resp: 8260
Ion Ratio Lower Upper
104 100
78 46.4 31.8 59.0



#57
1,1,2,2-Tetrachloroethane
Concen: 1.01 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 83 Resp: 4062
Ion Ratio Lower Upper
83 100
85 67.7 45.0 83.6
131 14.3 6.9 10.3#

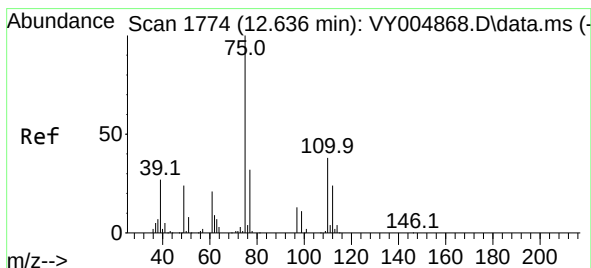
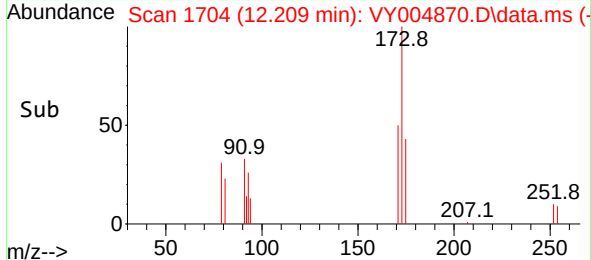
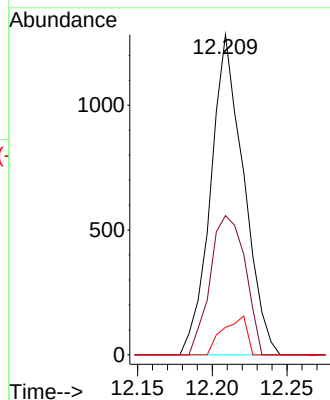
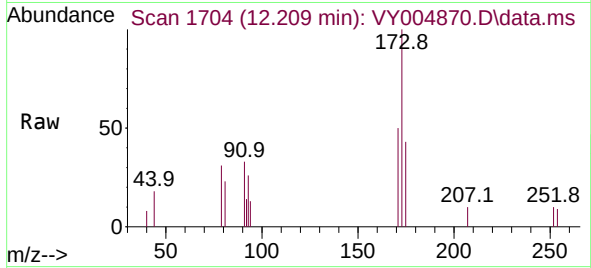




#59
Bromoform
Concen: 0.86 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

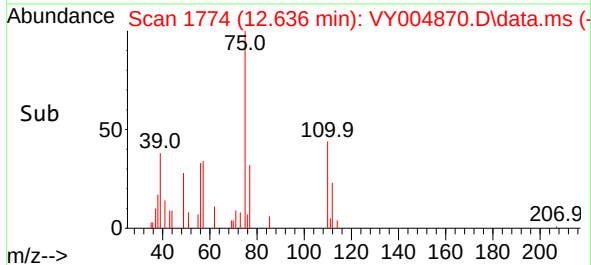
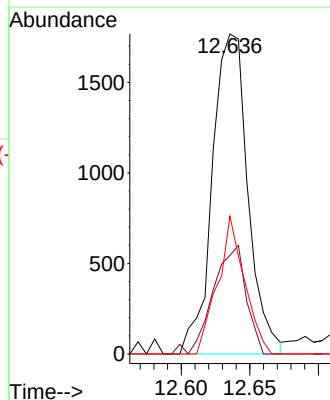
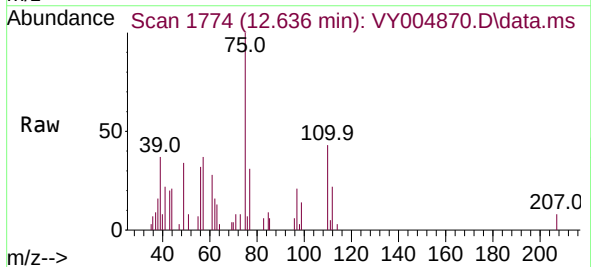
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

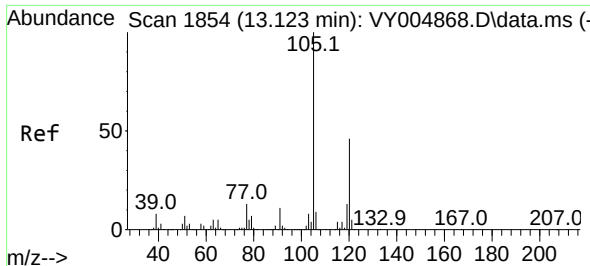
Tgt Ion:	173	Resp:	1966
Ion Ratio	Lower	Upper	
173	100		
175	46.2	38.8	58.2
254	8.7	7.3	10.9



#61
1,2,3-Trichloropropane
Concen: 0.98 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	75	Resp:	3196
Ion Ratio	Lower	Upper	
75	100		
77	30.8	25.7	38.5
110	32.4	30.8	46.2

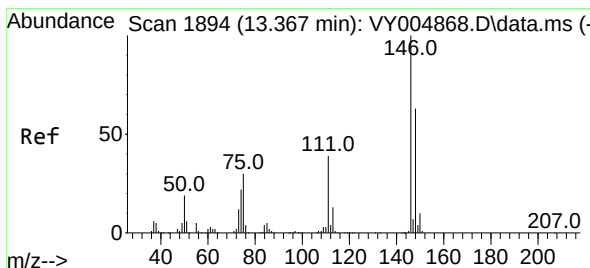
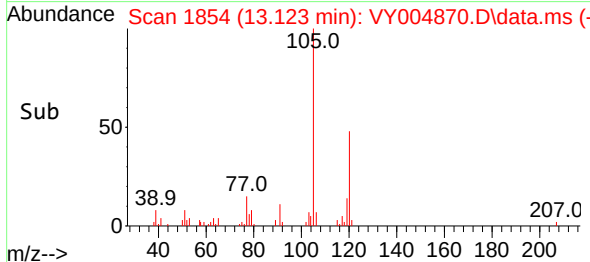
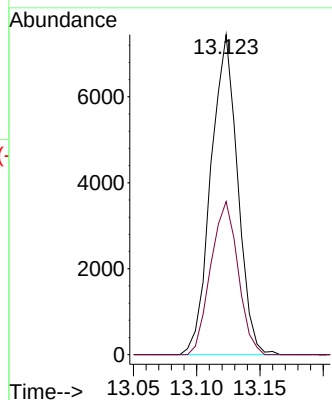
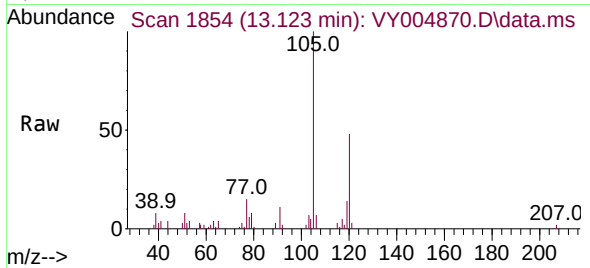




#63
1,2,4-Trimethylbenzene
Concen: 0.81 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

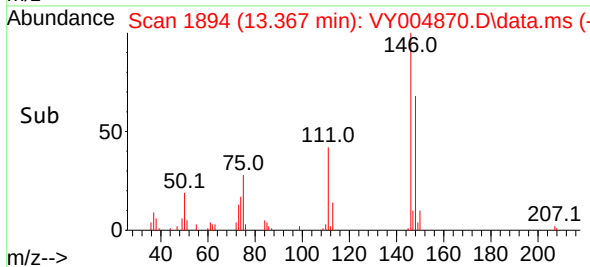
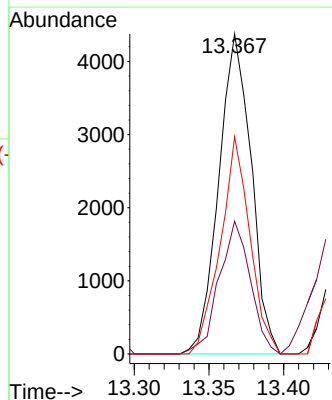
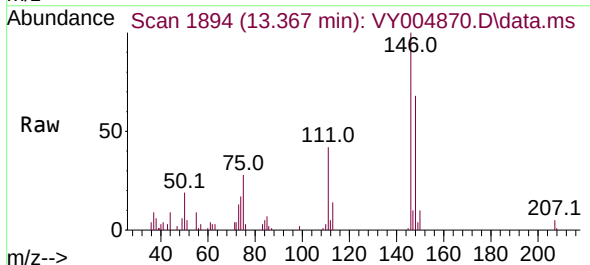
Instrument :
MSVOA_Y
ClientSampleId :
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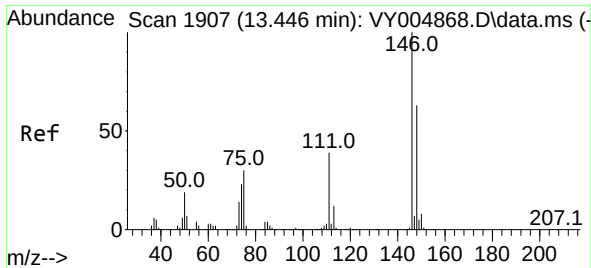
Tgt Ion:105 Resp: 10928
Ion Ratio Lower Upper
105 100
120 48.7 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 0.92 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:146 Resp: 6606
Ion Ratio Lower Upper
146 100
111 41.5 27.4 51.0
148 67.9 45.1 83.7

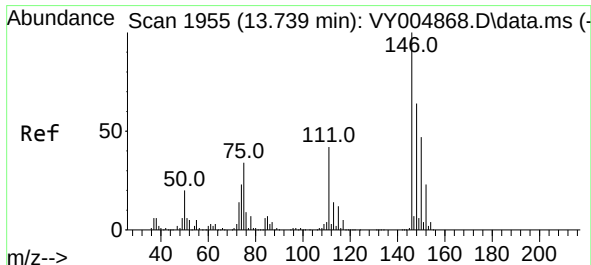
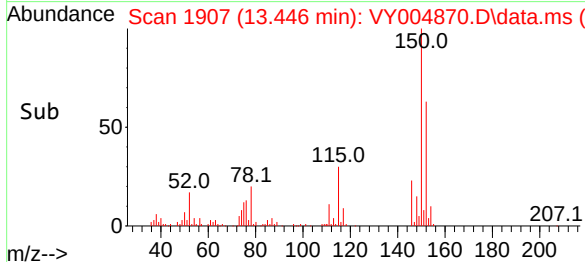
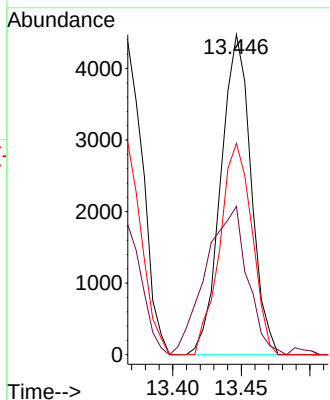
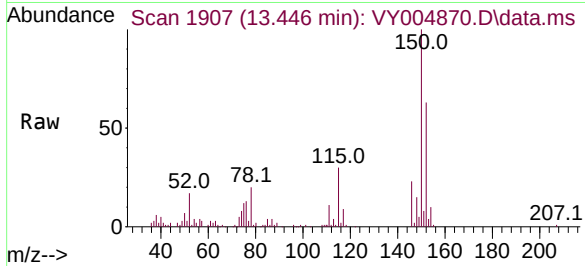




#65
1,4-Dichlorobenzene
Concen: 0.94 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

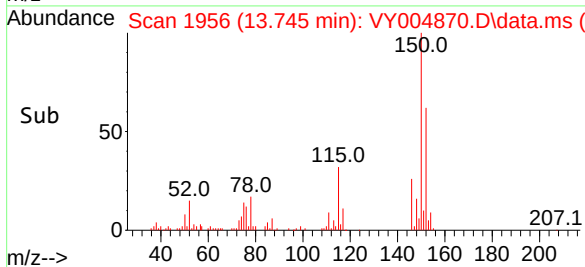
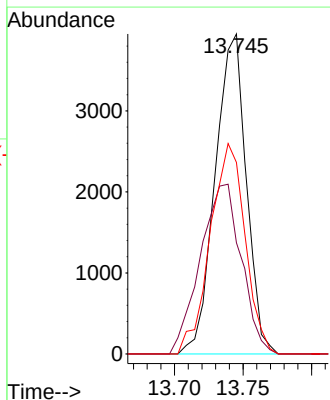
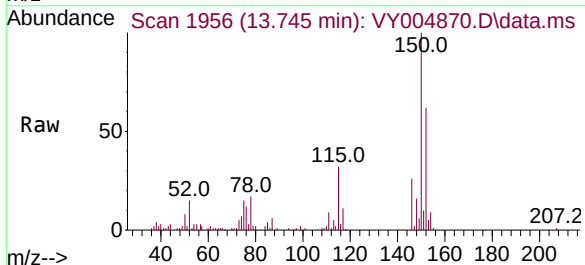
Instrument :
MSVOA_Y
ClientSampleId :
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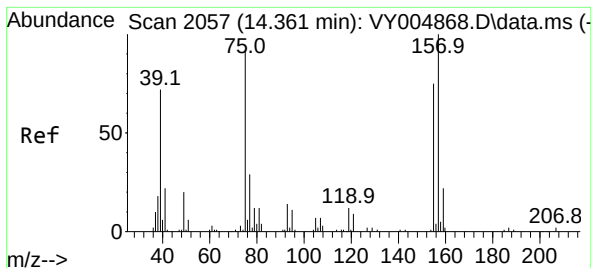
Tgt Ion:	146	Resp:	6848
Ion Ratio	Lower	Upper	
146	100		
111	46.3	26.4	49.0
148	66.0	44.3	82.3



#67
1,2-Dichlorobenzene
Concen: 0.94 ug/L
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

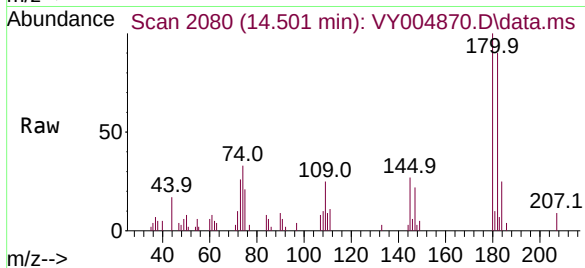
Tgt Ion:	146	Resp:	6242
Ion Ratio	Lower	Upper	
146	100		
111	34.7	33.9	50.9
148	59.8	49.7	74.5



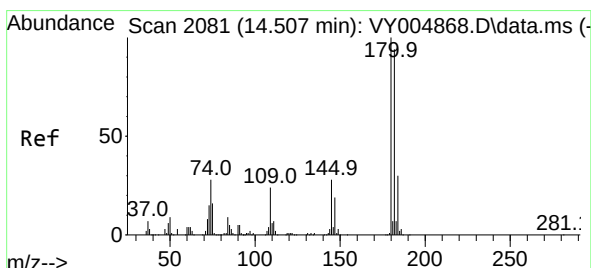
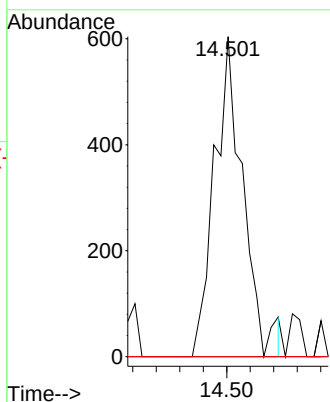
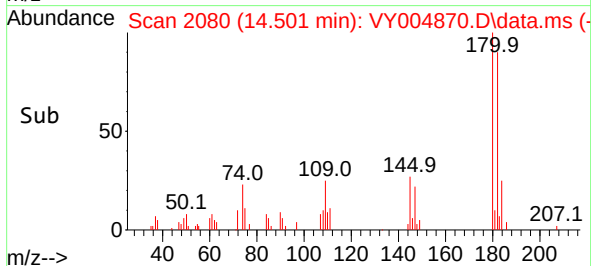


#68
1,2-Dibromo-3-chloropropane
Concen: 1.38 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.140 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

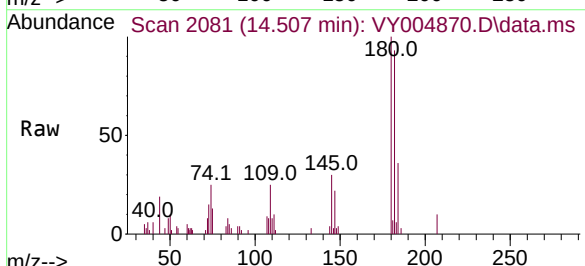
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



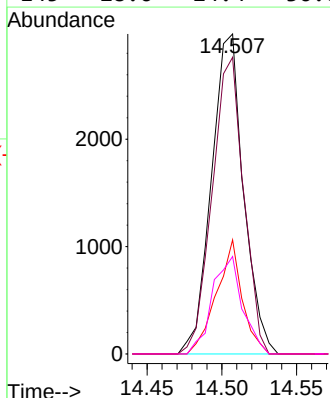
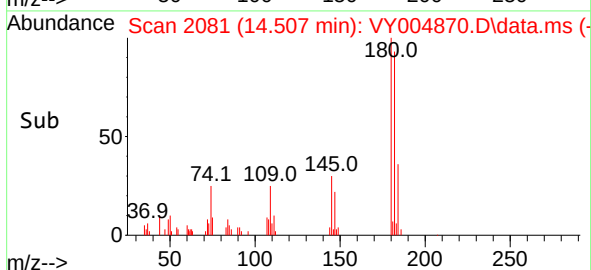
Tgt Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
155 0.0 64.5 96.7#
157 0.0 77.4 116.2#

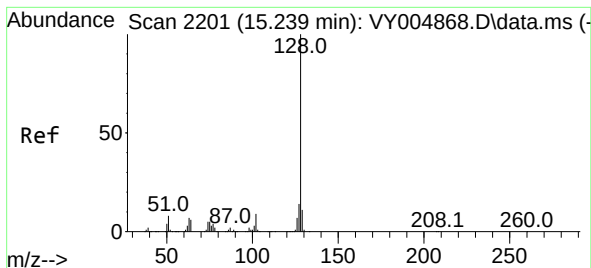


#69
1,3,5-Trichlorobenzene
Concen: 0.92 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 180 Resp: 4445
Ion Ratio Lower Upper
180 100
182 90.7 76.1 114.1
184 28.7 24.6 36.8
145 28.6 24.4 36.6

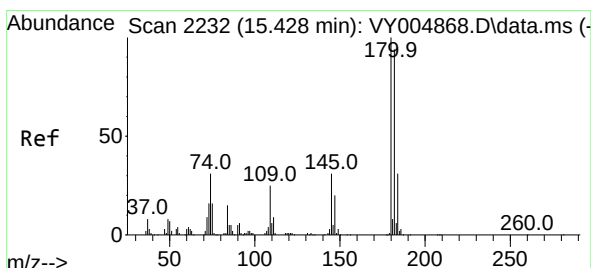
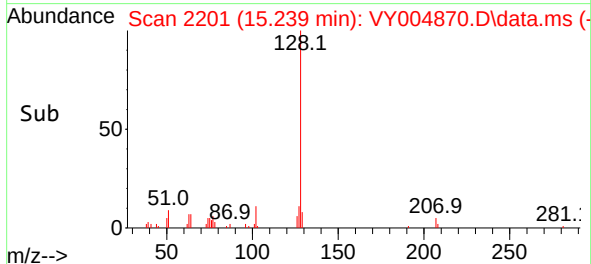
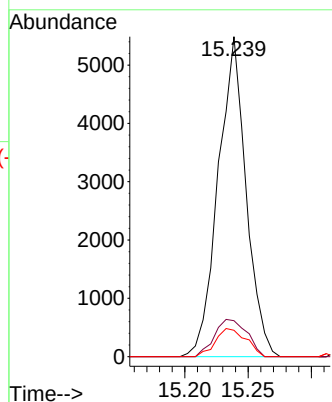
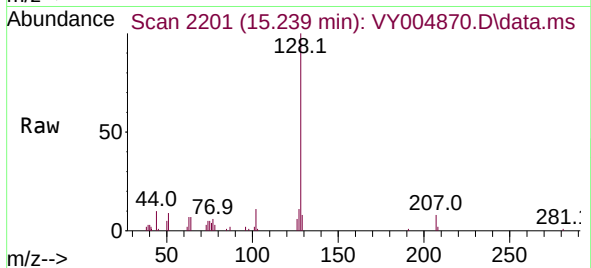




#71
Naphthalene
Concen: 0.83 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

Tgt Ion:	128	Resp:	8420
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	9.6	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 0.91 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	180	Resp:	3350
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.2	114.2
145	33.8	25.8	38.8

