

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
 Data File : VY004751.D
 Acq On : 12 May 2021 12:21
 Operator : SY/MD
 Sample : M2262-03 2.5PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Manual Integrations
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Quant Time: May 13 01:15:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 01:15:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	187058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	272443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	114722	51.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.04%
35) Dibromofluoromethane	7.728	113	93117	56.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.16%
50) Toluene-d8	10.185	98	378484	50.45	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.90%
62) 4-Bromofluorobenzene	12.483	95	121390	47.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.90%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	4332	2.53	ug/l	93
3) Chloromethane	2.119	50	7254	2.61	ug/l	94
4) Vinyl Chloride	2.259	62	8347	2.94	ug/l	100
5) Bromomethane	2.662	94	4268	2.95	ug/l	95
6) Chloroethane	2.802	64	4080	2.43	ug/l	98
7) Trichlorofluoromethane	3.137	101	8793	2.61	ug/l	99
8) Diethyl Ether	3.539	74	3202	2.69	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	5220	2.73	ug/l	96
10) Methyl Iodide	4.106	142	5900	2.88	ug/l	99
11) Tert butyl alcohol	4.966	59	4184	18.70	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	4898	2.65	ug/l	95
13) Acrolein	3.741	56	3211	12.21	ug/l	97
14) Allyl chloride	4.497	41	9092	2.52	ug/l	97
15) Acrylonitrile	5.192	53	7832m	13.11	ug/l	
16) Acetone	3.960	43	7669	15.33	ug/l	96
17) Carbon Disulfide	4.210	76	15107	2.68	ug/l	98
18) Methyl Acetate	4.490	43	5004	3.14	ug/l	99
19) Methyl tert-butyl Ether	5.246	73	12120	2.38	ug/l	95
20) Methylene Chloride	4.734	84	22659	7.07	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	5353	2.55	ug/l	97
22) Diisopropyl ether	6.137	45	16555	2.38	ug/l #	98
23) Vinyl Acetate	6.076	43	57411	11.00	ug/l	95
24) 1,1-Dichloroethane	6.033	63	9836	2.52	ug/l #	93
25) 2-Butanone	7.002	43	10416	11.72	ug/l	100
26) 2,2-Dichloropropane	6.996	77	8766	2.57	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	5881	2.52	ug/l	98
28) Bromochloromethane	7.350	49	5009	2.62	ug/l #	99
29) Tetrahydrofuran	7.368	42	7204	12.71	ug/l	97
30) Chloroform	7.514	83	9858	2.56	ug/l	95
31) Cyclohexane	7.795	56	12111	3.36	ug/l #	70
32) 1,1,1-Trichloroethane	7.716	97	8966	2.60	ug/l	99
36) 1,1-Dichloropropene	7.929	75	8032	2.58	ug/l	94
37) Ethyl Acetate	7.088	43	6577	3.09	ug/l	97
38) Carbon Tetrachloride	7.911	117	5984	2.14	ug/l	91
39) Methylcyclohexane	9.191	83	8408	2.48	ug/l	93
40) Benzene	8.173	78	22340	2.54	ug/l	95

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Quant Time: May 13 01:15:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 01:15:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	2768	2.38	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	7163	2.58	ug/l	100
43) Isopropyl Acetate	8.282	43	9749	2.47	ug/l #	90
44) Trichloroethene	8.947	130	5901	2.50	ug/l	90
45) 1,2-Dichloropropane	9.221	63	5612	2.44	ug/l	93
46) Dibromomethane	9.313	93	3155	2.47	ug/l	97
47) Bromodichloromethane	9.502	83	7563	2.49	ug/l	99
48) Methyl methacrylate	9.301	41	4239	2.36	ug/l	99
49) 1,4-Dioxane	9.313	88	535	35.54	ug/l #	88
51) 4-Methyl-2-Pentanone	10.075	43	25816	12.13	ug/l	98
52) Toluene	10.252	92	14001	2.52	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	8531	2.54	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	8880	2.38	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	4365	2.48	ug/l #	84
56) Ethyl methacrylate	10.514	69	5478	2.15	ug/l	95
57) 1,3-Dichloropropane	10.794	76	7898	2.52	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.794	63	13630	10.38	ug/l	96
59) 2-Hexanone	10.837	43	15996	11.09	ug/l	94
60) Dibromochloromethane	10.989	129	4973	2.38	ug/l	98
61) 1,2-Dibromoethane	11.093	107	4014	2.37	ug/l	93
64) Tetrachloroethene	10.727	164	6212	2.52	ug/l	95
65) Chlorobenzene	11.526	112	15041	2.68	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.593	131	4830	2.37	ug/l	92
67) Ethyl Benzene	11.599	91	25434	2.44	ug/l	98
68) m/p-Xylenes	11.703	106	18435	4.71	ug/l	100
69) o-Xylene	12.032	106	8757	2.39	ug/l	99
70) Styrene	12.050	104	14504	2.36	ug/l	95
71) Bromoform	12.209	173	2821	2.28	ug/l #	95
73) Isopropylbenzene	12.337	105	23783	2.49	ug/l	99
74) N-amyl acetate	12.148	43	7415	2.19	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	5032	2.64	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	3913m	2.91	ug/l	
77) Bromobenzene	12.611	156	5607	2.60	ug/l	98
78) n-propylbenzene	12.672	91	29766	2.55	ug/l	98
79) 2-Chlorotoluene	12.763	91	16677	2.60	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	19469	2.45	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	2107	2.71	ug/l	91
82) 4-Chlorotoluene	12.855	91	17092	2.57	ug/l	96
83) tert-Butylbenzene	13.080	119	17223	2.54	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	18345	2.31	ug/l	100
85) sec-Butylbenzene	13.257	105	25100	2.55	ug/l	100
86) p-Isopropyltoluene	13.373	119	20685	2.42	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	11762	2.78	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	12040	2.88	ug/l	89
89) n-Butylbenzene	13.702	91	21055	2.52	ug/l	100
90) Hexachloroethane	13.964	117	3003	2.49	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	10225	2.74	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1331	3.73	ug/l	71
93) 1,2,4-Trichlorobenzene	15.013	180	6794	2.82	ug/l	99
94) Hexachlorobutadiene	15.117	225	3945	3.02	ug/l	96
95) Naphthalene	15.239	128	13940	2.68	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	6482	3.04	ug/l	93

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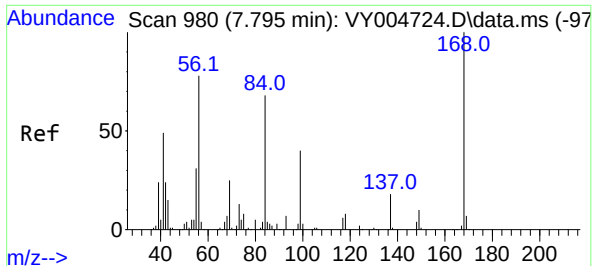
Manual Integrations
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Quant Time: May 13 01:15:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 01:15:20 2021
Response via : Initial Calibration

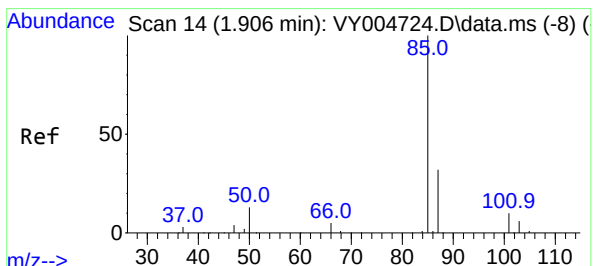
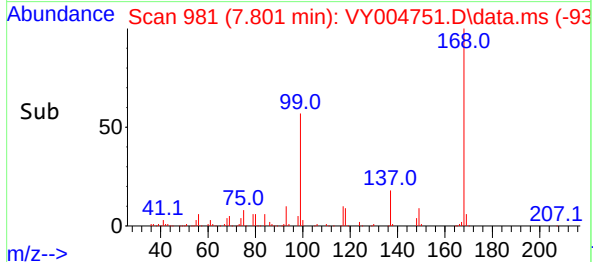
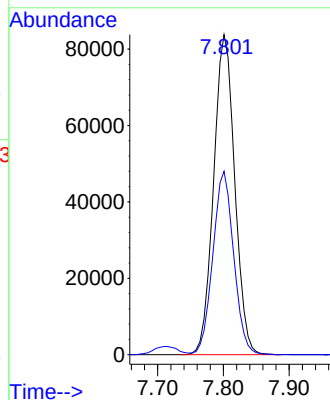
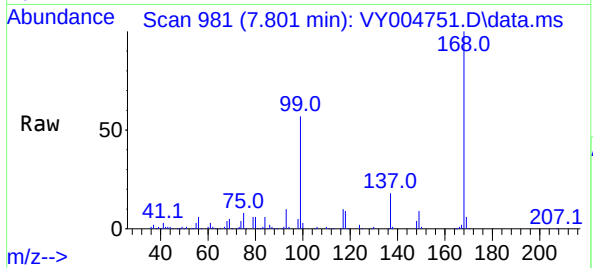
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



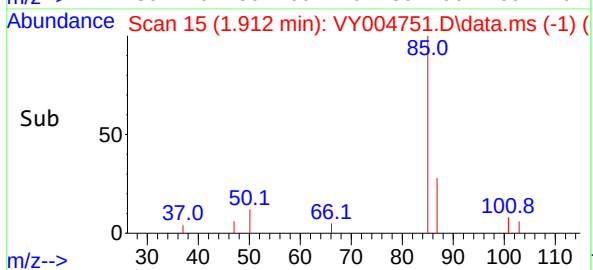
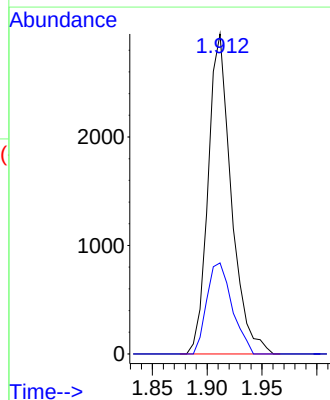
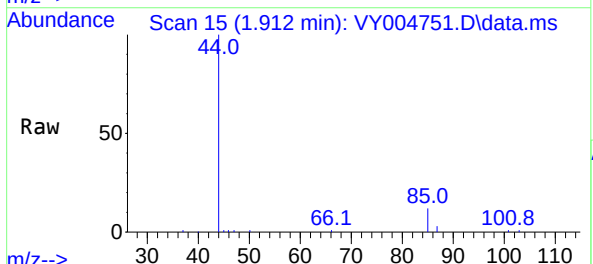
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 168 Resp: 187058
Ion Ratio Lower Upper
168 100
99 57.3 45.6 68.4



#2
Dichlorodifluoromethane
Concen: 2.53 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

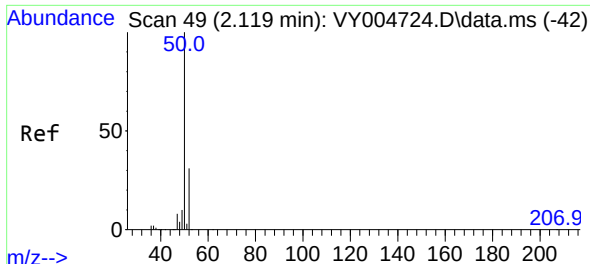
Tgt Ion: 85 Resp: 4332
Ion Ratio Lower Upper
85 100
87 28.4 16.2 48.5



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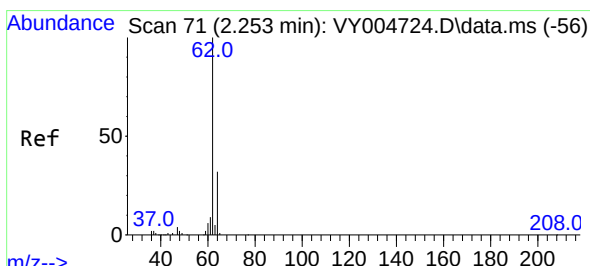
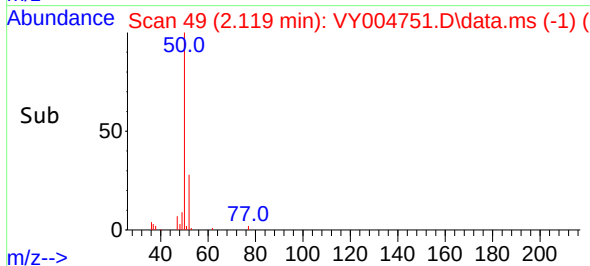
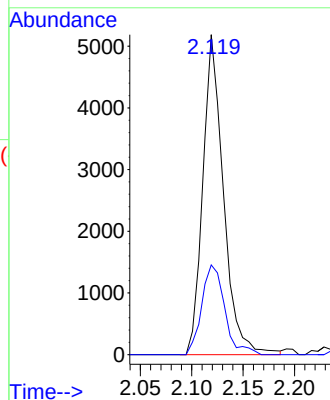
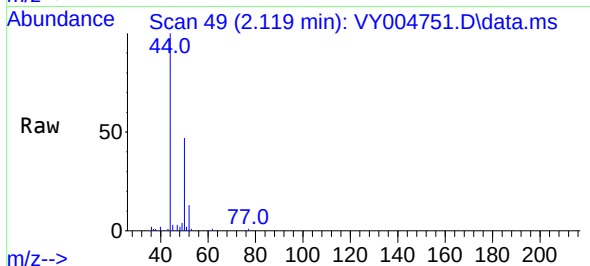
#3
Chloromethane
Concen: 2.61 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 50 Resp: 7254
Ion Ratio Lower Upper
50 100
52 28.1 25.0 37.6

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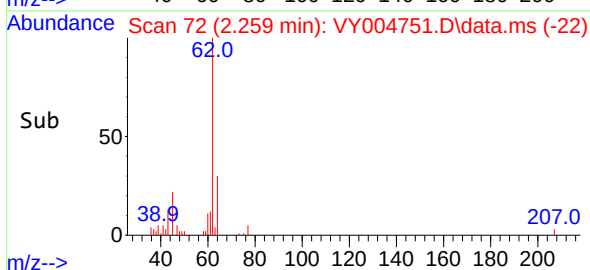
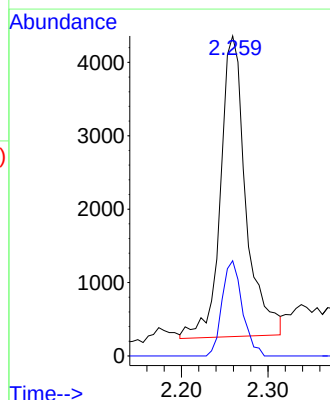
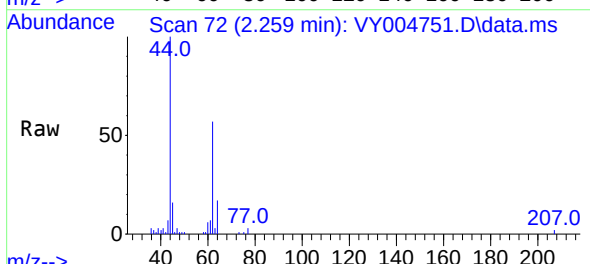
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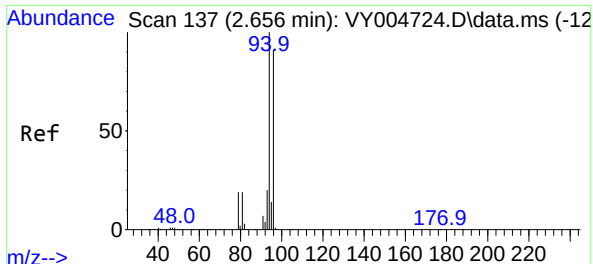
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#4
Vinyl Chloride
Concen: 2.94 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 62 Resp: 8347
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





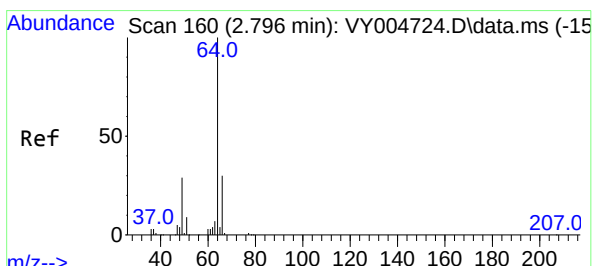
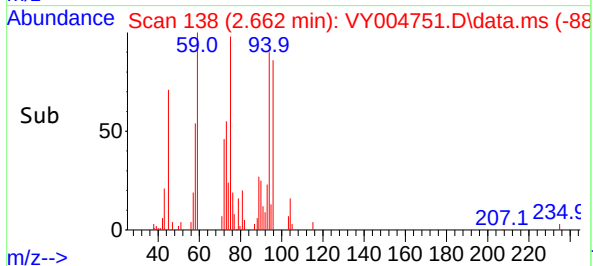
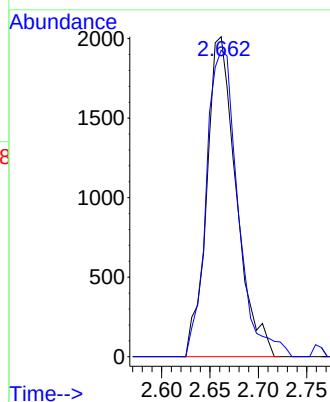
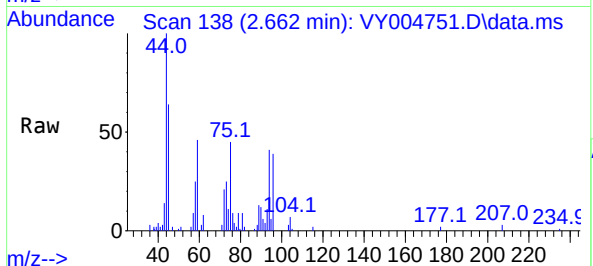
#5
Bromomethane
Concen: 2.95 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 94 Resp: 4268
Ion Ratio Lower Upper
94 100
96 95.8 72.6 109.0

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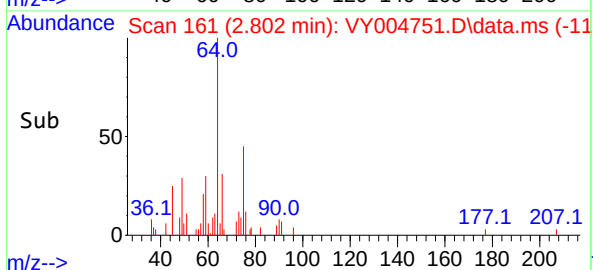
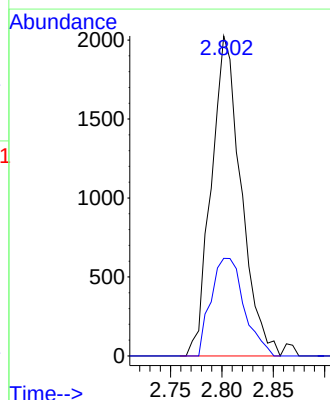
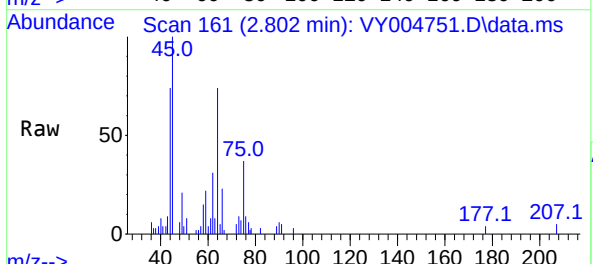
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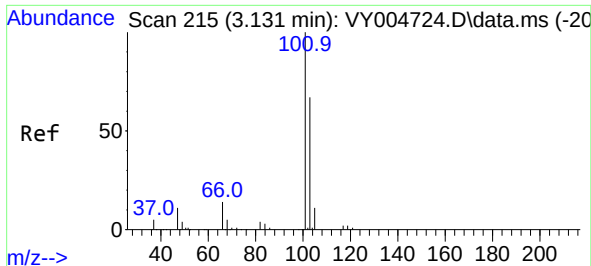
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#6
Chloroethane
Concen: 2.43 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 64 Resp: 4080
Ion Ratio Lower Upper
64 100
66 30.5 23.7 35.5





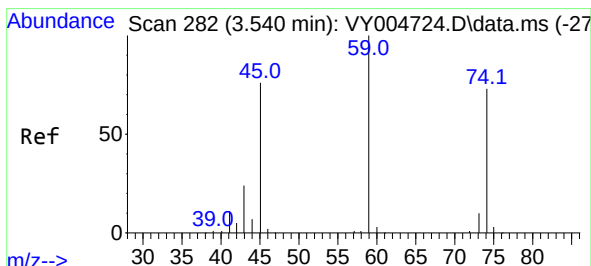
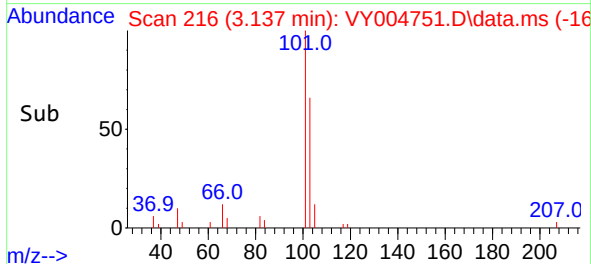
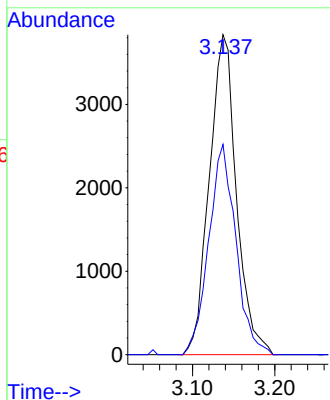
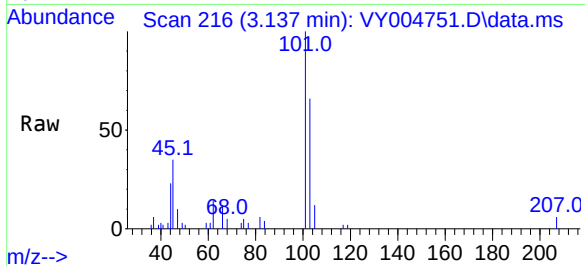
#7
Trichlorofluoromethane
Concen: 2.61 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:101 Resp: 8793
Ion Ratio Lower Upper
101 100
103 65.7 53.4 80.2

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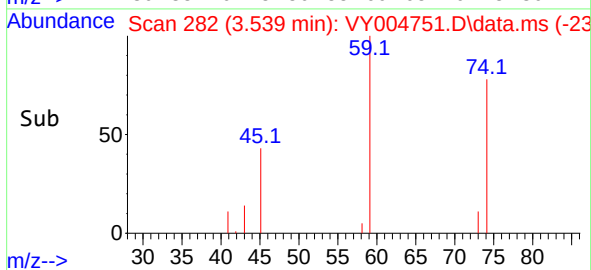
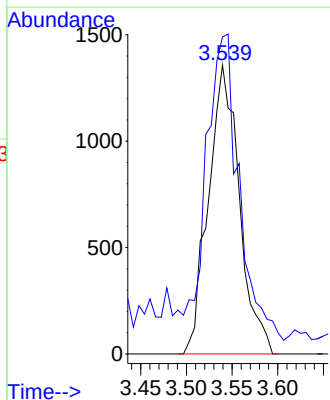
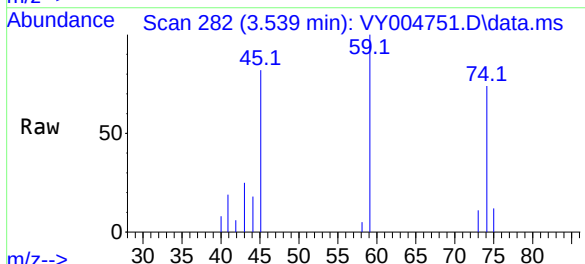
Manual Integrations
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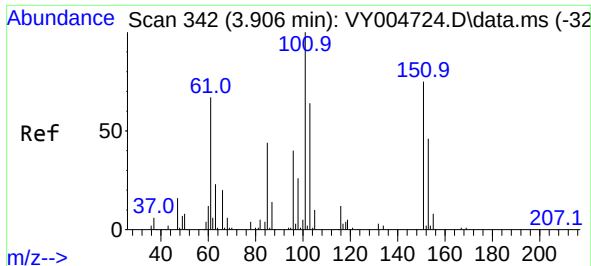
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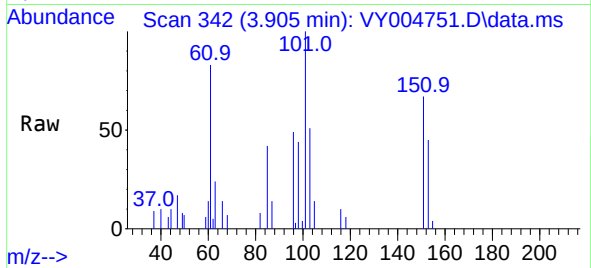
#8
Diethyl Ether
Concen: 2.69 ug/l
RT: 3.539 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 74 Resp: 3202
Ion Ratio Lower Upper
74 100
45 110.8 53.9 161.8

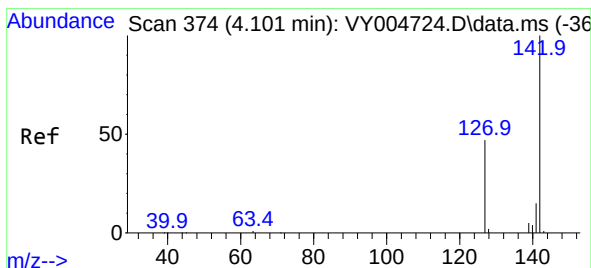
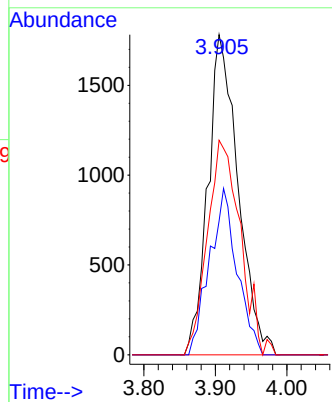
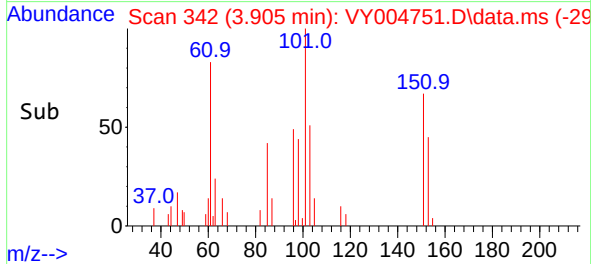




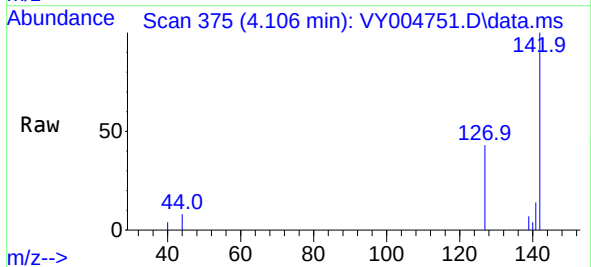
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.73 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



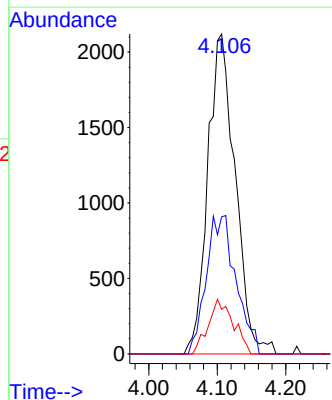
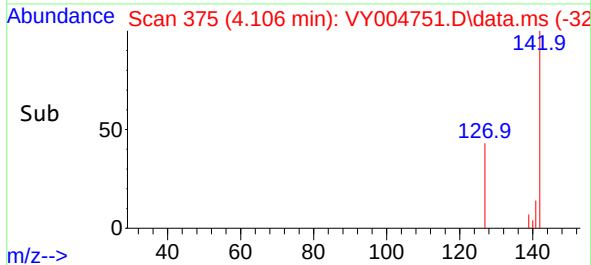
Tgt Ion:101 Resp: 5220
Ion Ratio Lower Upper
101 100
85 47.4 38.2 57.4
151 72.0 61.4 92.0



#10
Methyl Iodide
Concen: 2.88 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



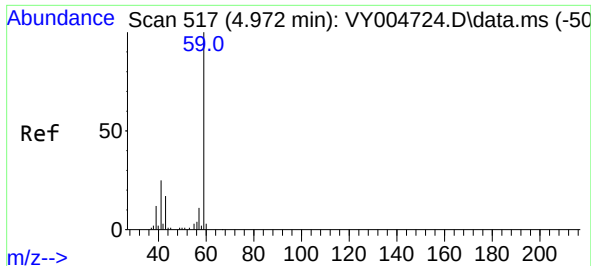
Tgt Ion:142 Resp: 5900
Ion Ratio Lower Upper
142 100
127 47.0 37.1 55.7
141 15.6 11.9 17.9



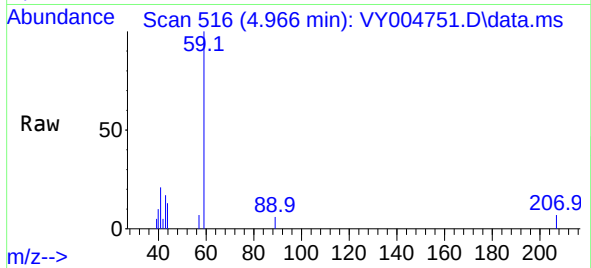
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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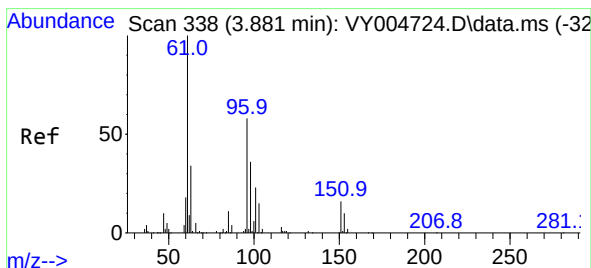
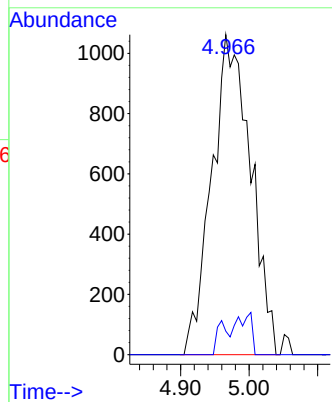
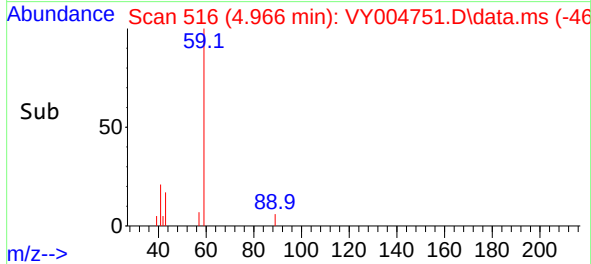
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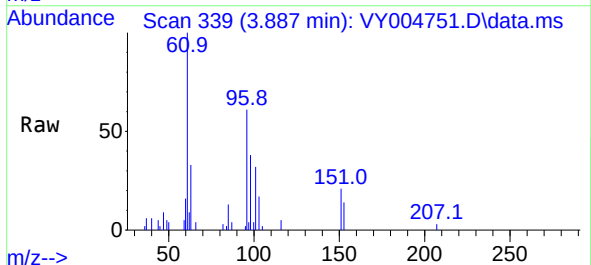
#11
Tert butyl alcohol
Concen: 18.70 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



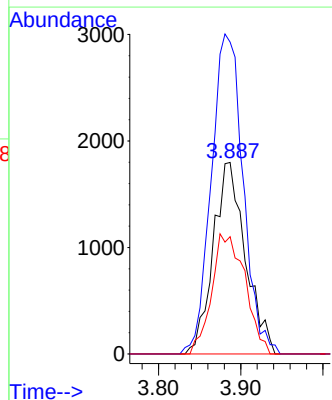
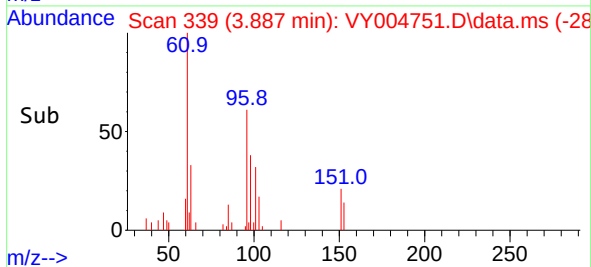
Tgt Ion: 59 Resp: 4184
Ion Ratio Lower Upper
59 100
57 3.0 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 2.65 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



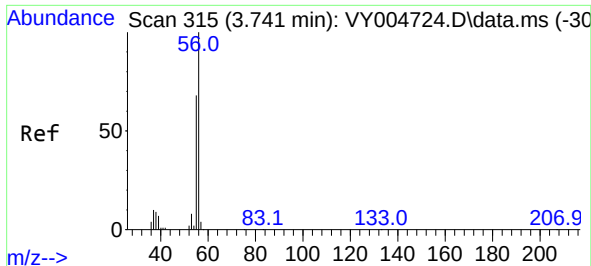
Tgt Ion: 96 Resp: 4898
Ion Ratio Lower Upper
96 100
61 162.9 137.5 206.3
98 61.3 50.2 75.2



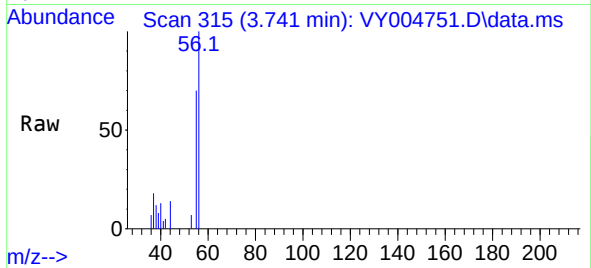
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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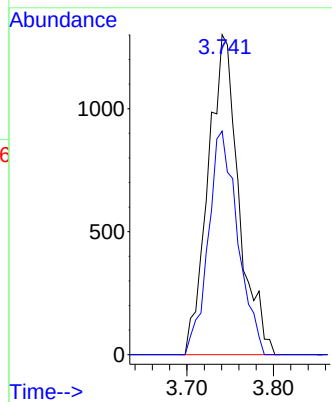
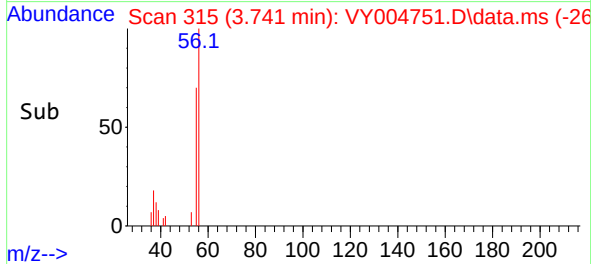
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#13
Acrolein
Concen: 12.21 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



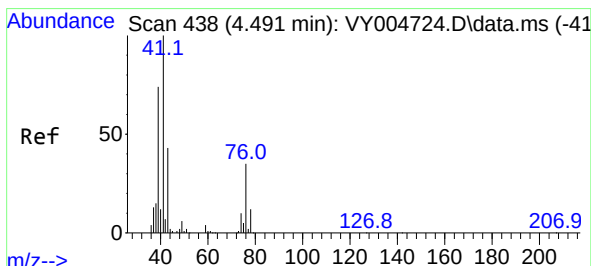
Tgt Ion: 56 Resp: 3211
Ion Ratio Lower Upper
56 100
55 66.8 55.3 82.9



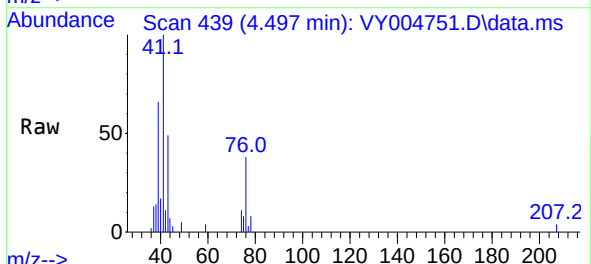
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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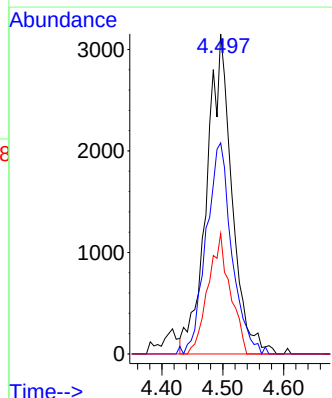
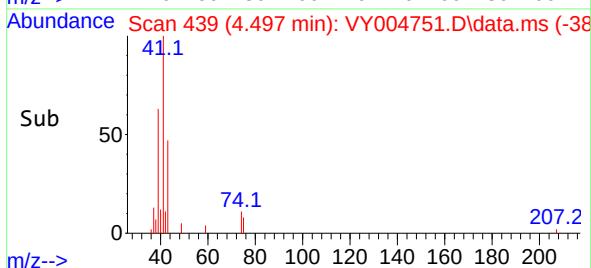
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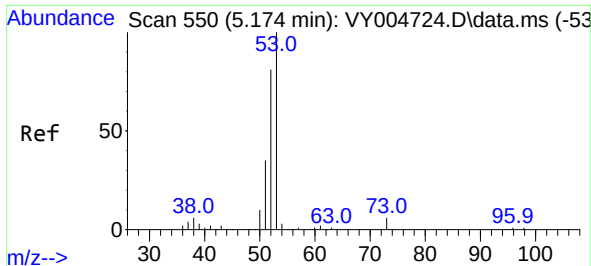


#14
Allyl chloride
Concen: 2.52 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

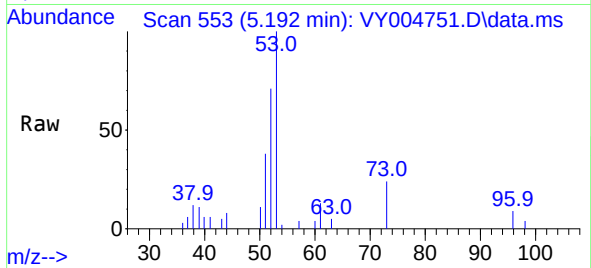


Tgt Ion: 41 Resp: 9092
Ion Ratio Lower Upper
41 100
39 66.9 56.1 84.1
76 32.8 26.2 39.4



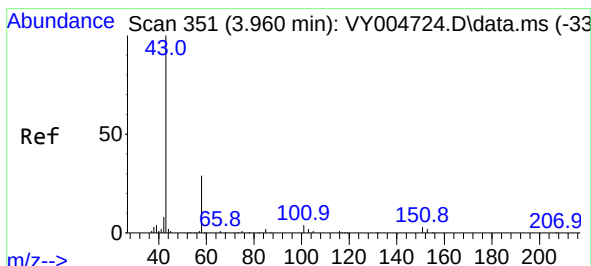
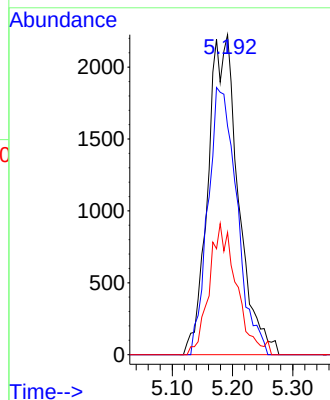
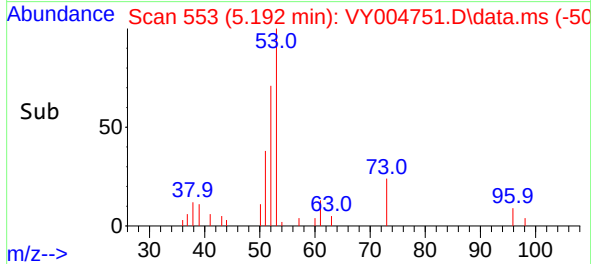


#15
Acrylonitrile
Concen: 13.11 ug/l m
RT: 5.192 min Scan# 553
Delta R.T. 0.018 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

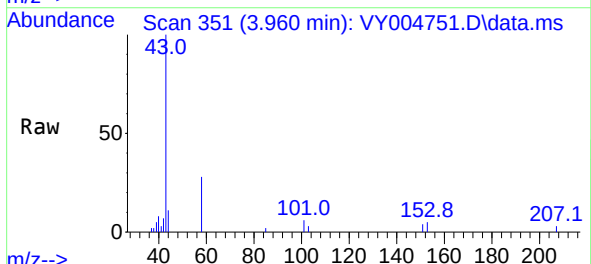


Tgt Ion: 53 Resp: 7832

Ion	Ratio	Lower	Upper
53	100		
52	79.5	65.0	97.6
51	36.8	29.3	43.9

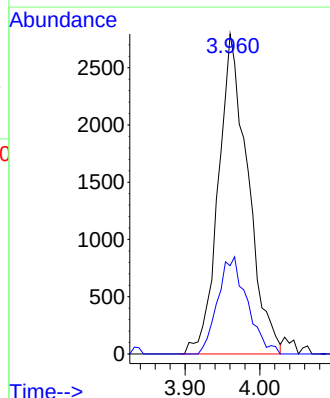
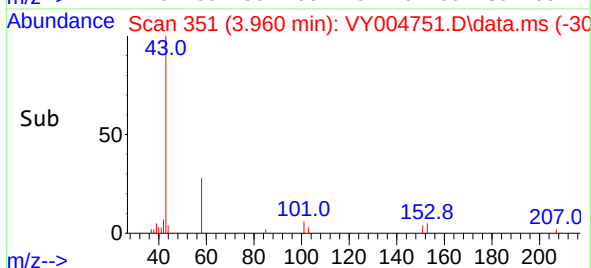


#16
Acetone
Concen: 15.33 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



Tgt Ion: 43 Resp: 7669

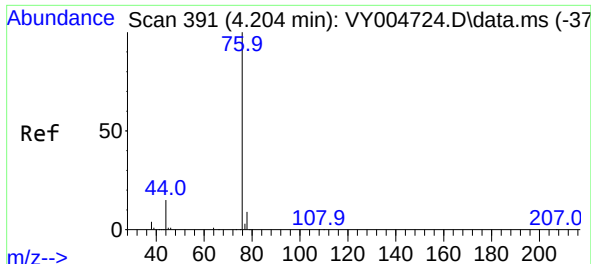
Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

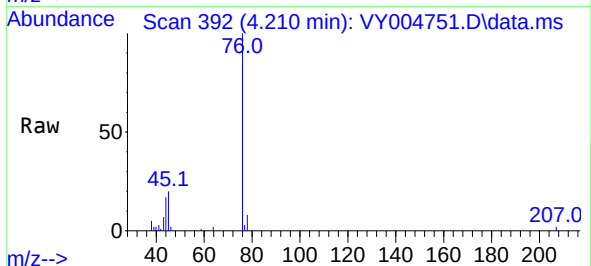
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#17
Carbon Disulfide
Concen: 2.68 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

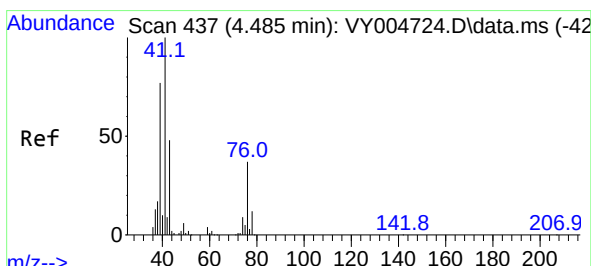
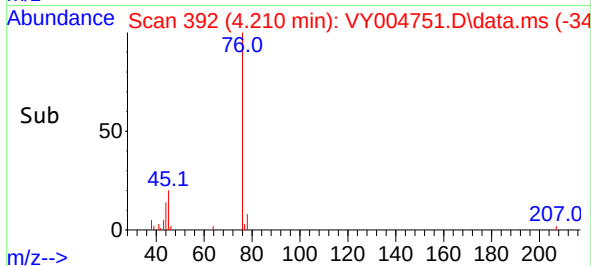
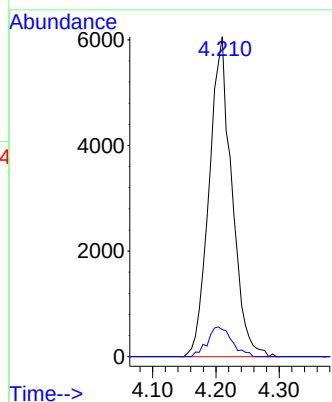
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion: 76 Resp: 15107
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

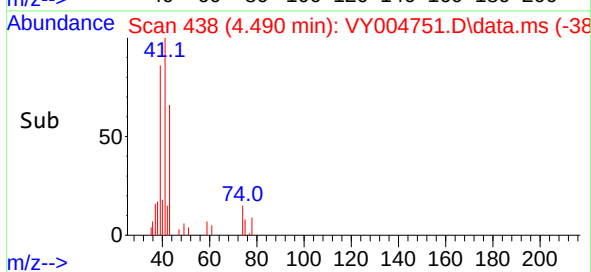
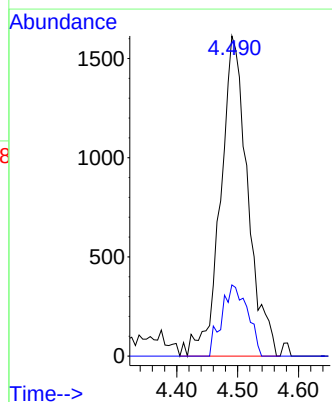
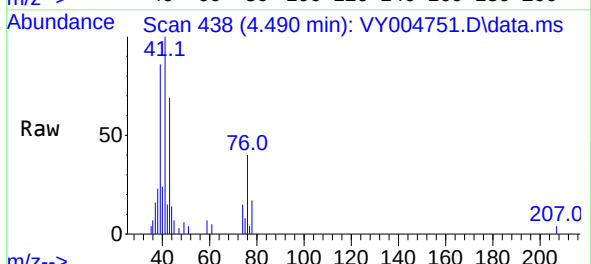
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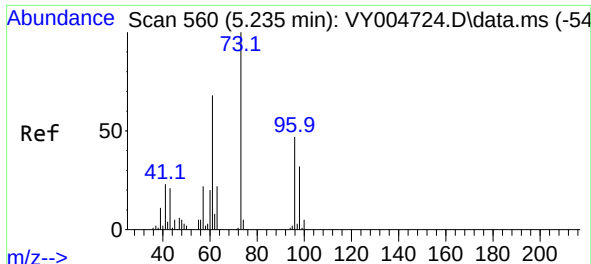
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#18
Methyl Acetate
Concen: 3.14 ug/l
RT: 4.490 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 5004
Ion Ratio Lower Upper
43 100
74 21.2 16.6 24.8





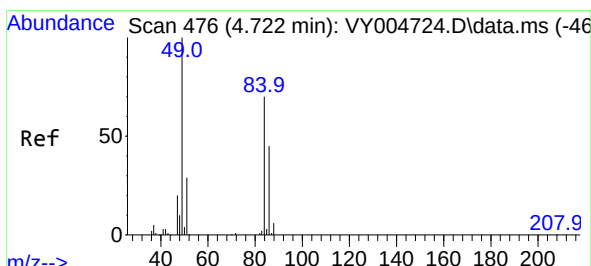
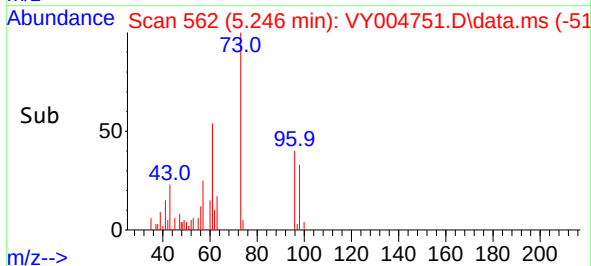
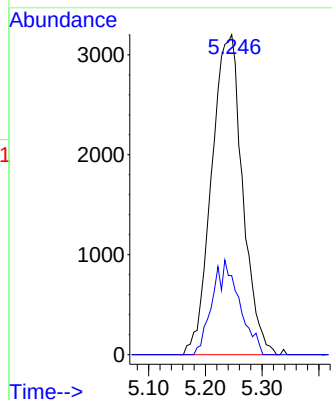
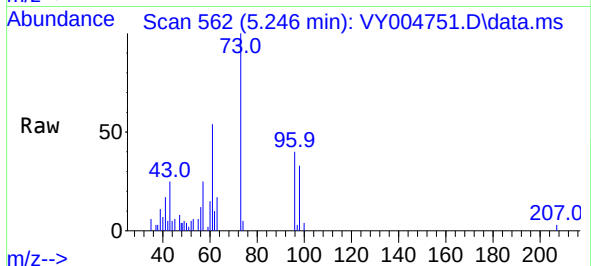
#19
Methyl tert-butyl Ether
Concen: 2.38 ug/l
RT: 5.246 min Scan# 562
Delta R.T. 0.012 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 73 Resp: 12120
Ion Ratio Lower Upper
73 100
57 24.7 17.9 26.9

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

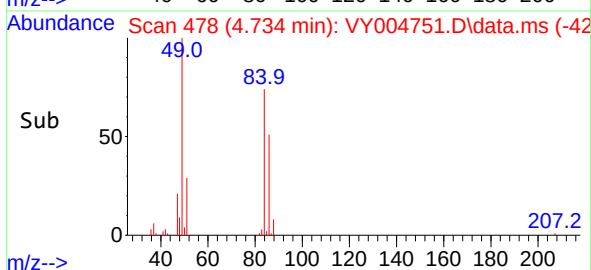
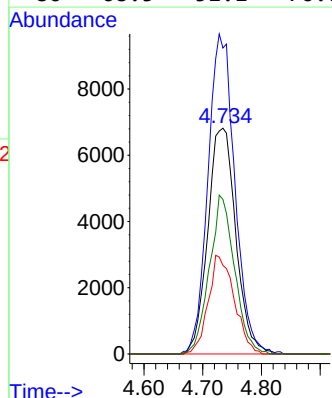
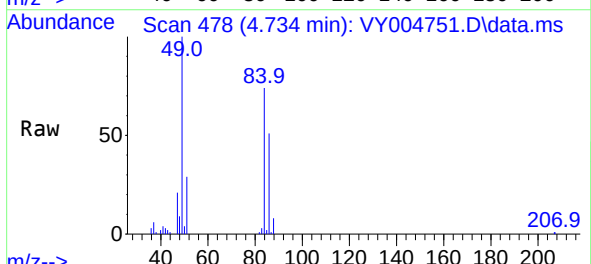
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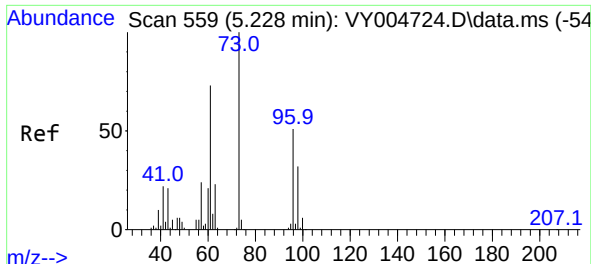
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#20
Methylene Chloride
Concen: 7.07 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

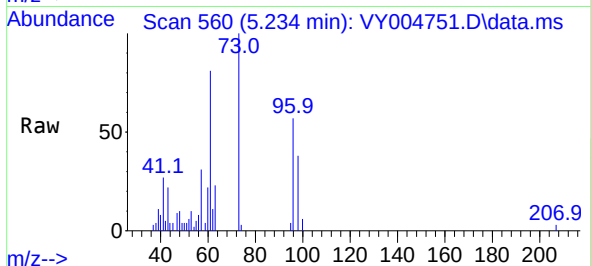
Tgt Ion: 84 Resp: 22659
Ion Ratio Lower Upper
84 100
49 135.5 113.8 170.8
51 39.3 33.5 50.3
86 68.5 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 2.55 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

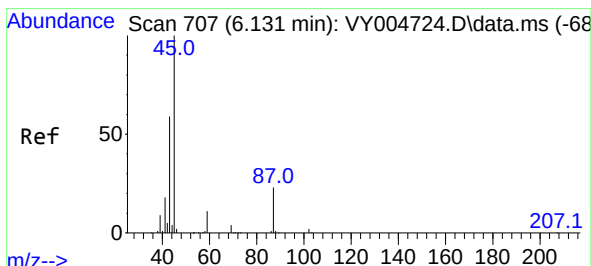
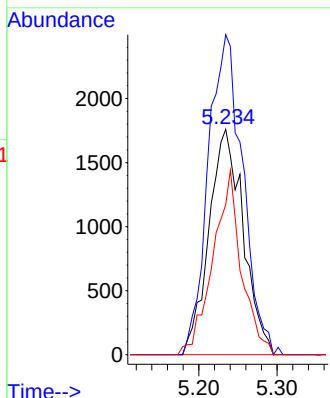
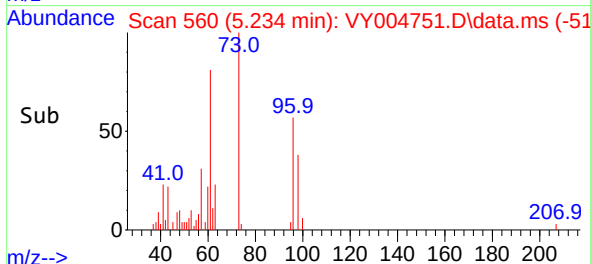
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



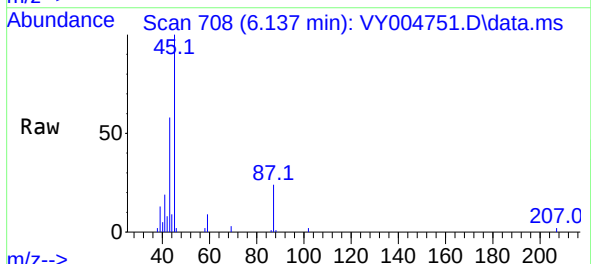
Tgt Ion: 96 Resp: 5353
Ion Ratio Lower Upper
96 100
61 141.9 115.5 173.3
98 66.5 50.6 75.8

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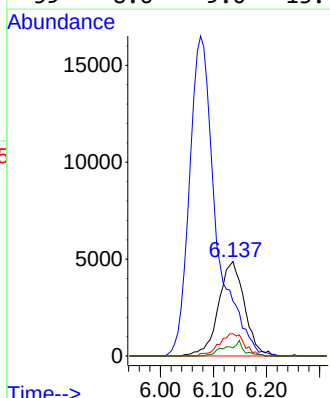
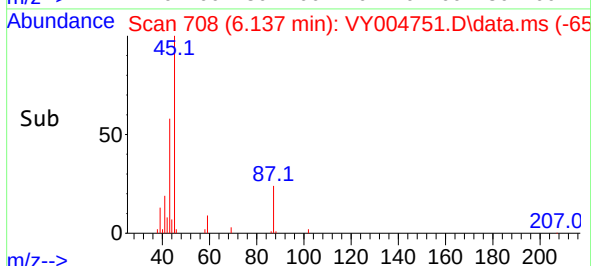
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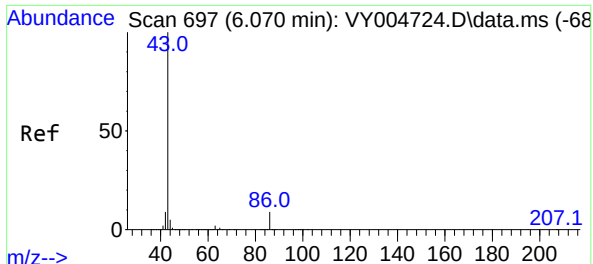


#22
Diisopropyl ether
Concen: 2.38 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



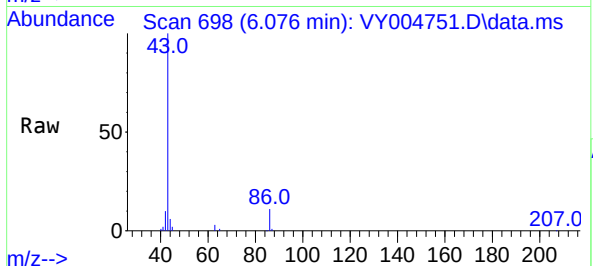
Tgt Ion: 45 Resp: 16555
Ion Ratio Lower Upper
45 100
43 58.0 47.7 71.5
87 23.6 18.9 28.3
59 8.6 9.0 13.4#





#23
 Vinyl Acetate
 Concen: 11.00 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY004751.D
 Acq: 12 May 2021 12:21

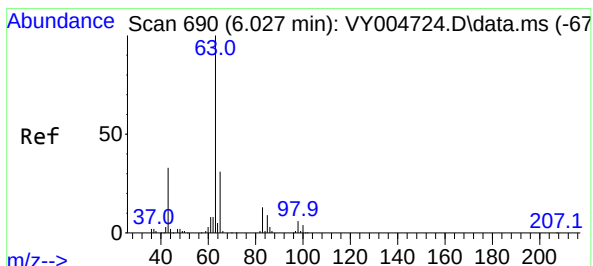
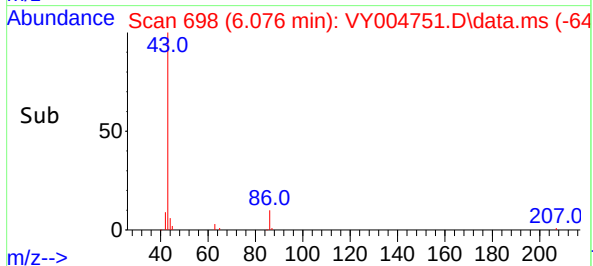
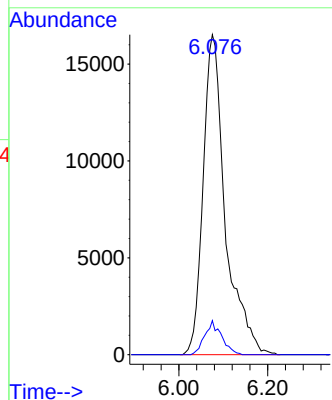
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2021



Tgt Ion: 43 Resp: 57411
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.2 10.8

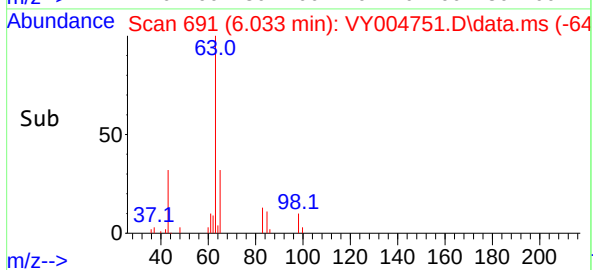
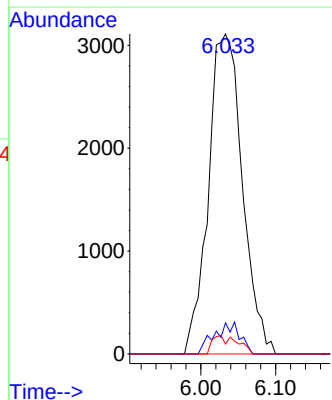
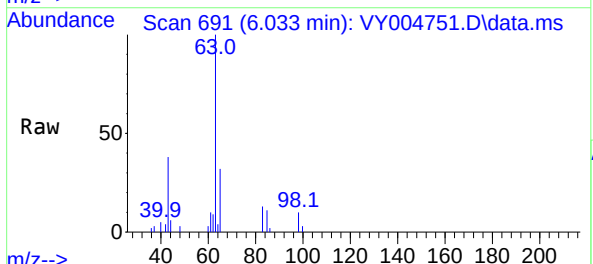
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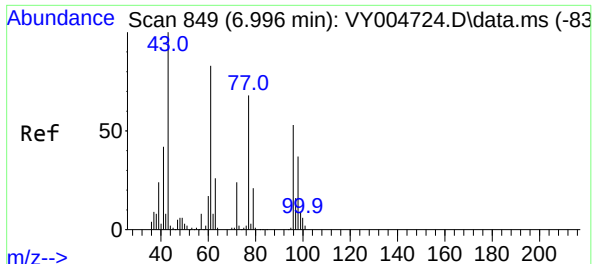
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#24
 1,1-Dichloroethane
 Concen: 2.52 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY004751.D
 Acq: 12 May 2021 12:21

Tgt Ion: 63 Resp: 9836
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.1 9.4#
 100 3.1 2.0 6.0





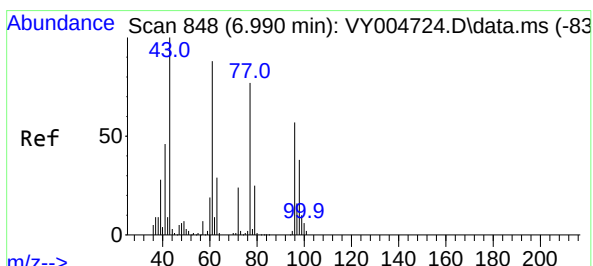
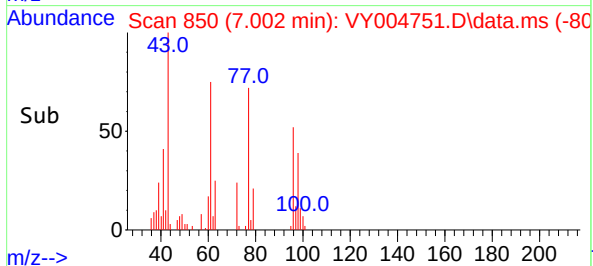
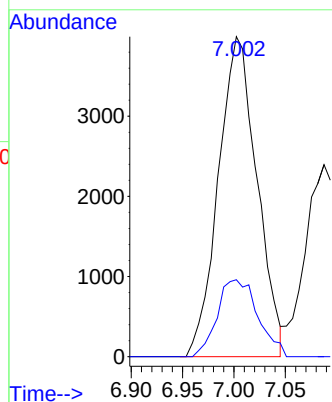
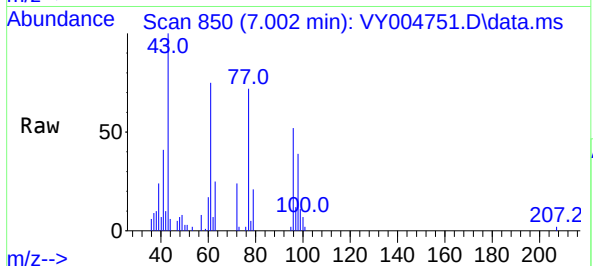
#25
2-Butanone
Concen: 11.72 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 10416
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

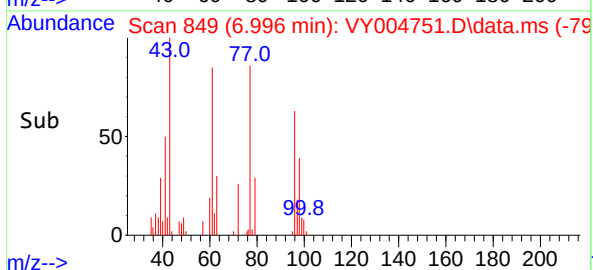
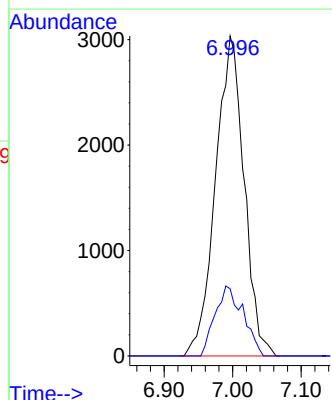
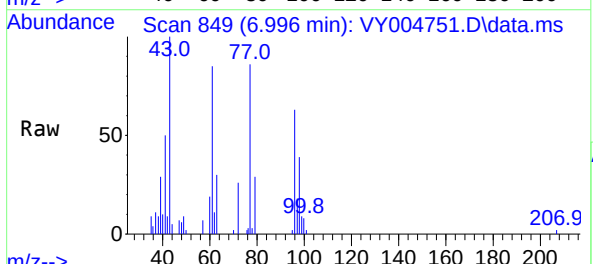
Manual Integrations
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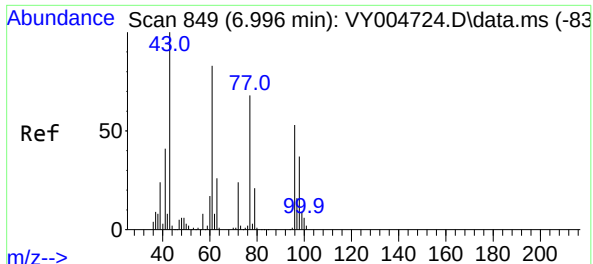
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#26
2,2-Dichloropropane
Concen: 2.57 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 77 Resp: 8766
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 2.52 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004751.D

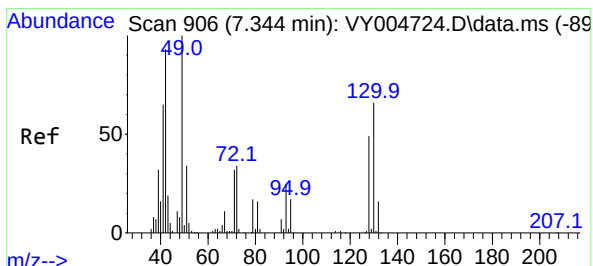
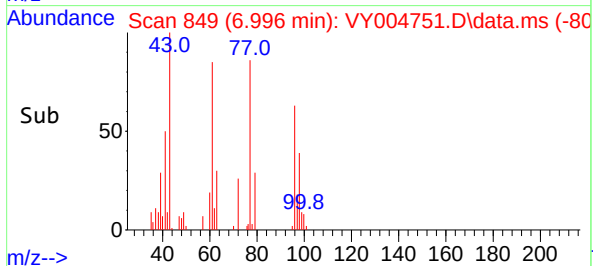
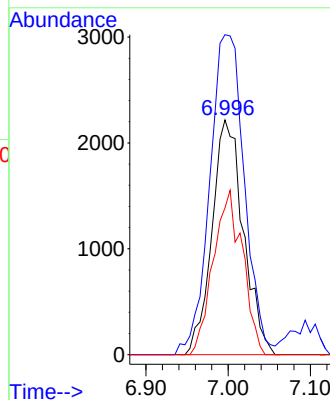
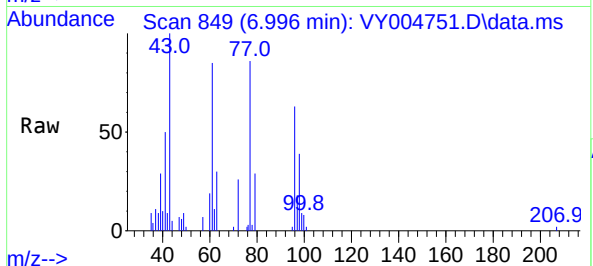
Acq: 12 May 2021 12:21

Tgt Ion:	96	Resp:	5881
Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	308.4
98	65.3	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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#28

Bromochloromethane

Concen: 2.62 ug/l

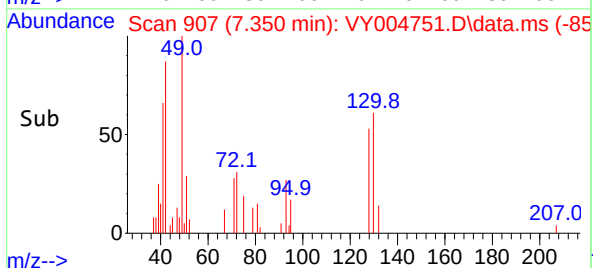
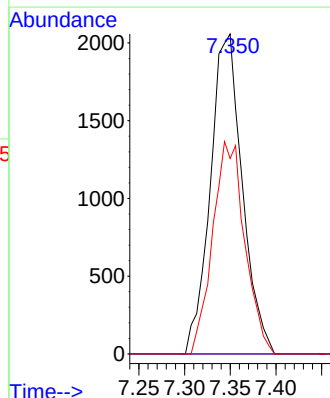
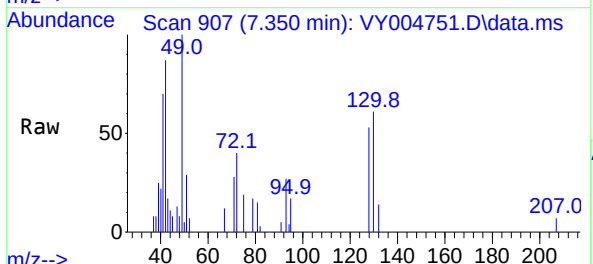
RT: 7.350 min Scan# 907

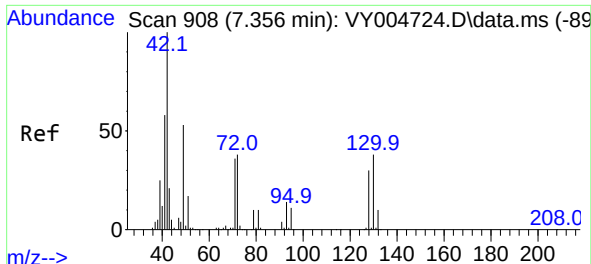
Delta R.T. 0.006 min

Lab File: VY004751.D

Acq: 12 May 2021 12:21

Tgt Ion:	49	Resp:	5009
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	66.6	52.8	79.2





#29

Tetrahydrofuran

Concen: 12.71 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY004751.D

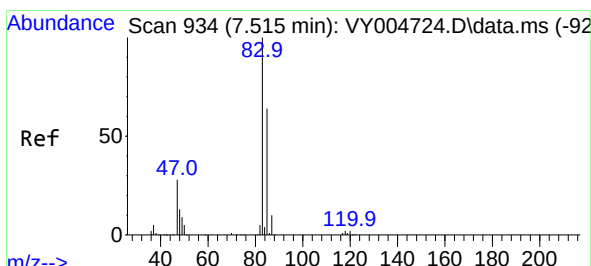
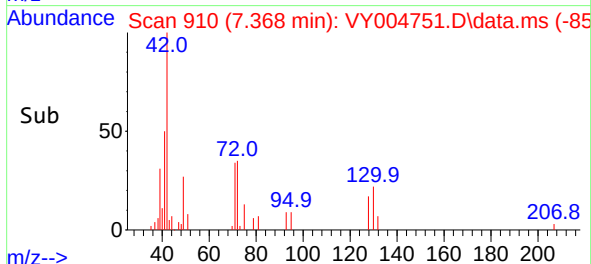
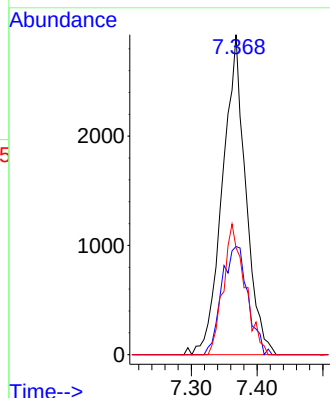
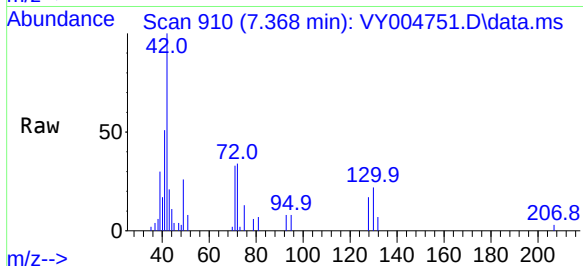
Acq: 12 May 2021 12:21

Tgt Ion:	42	Resp:	7204
Ion	Ratio	Lower	Upper
42	100		
72	37.9	29.4	44.0
71	37.7	28.0	42.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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#30

Chloroform

Concen: 2.56 ug/l

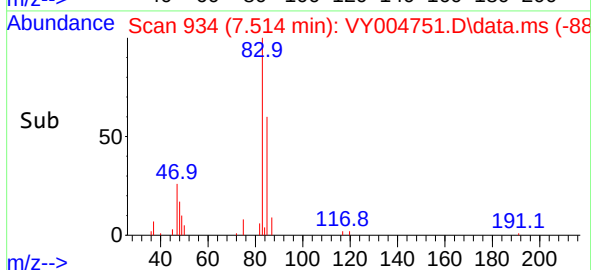
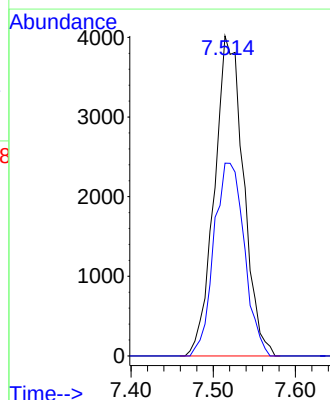
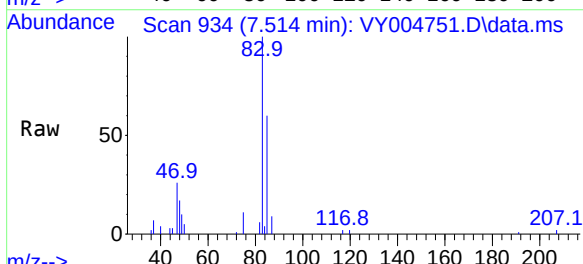
RT: 7.514 min Scan# 934

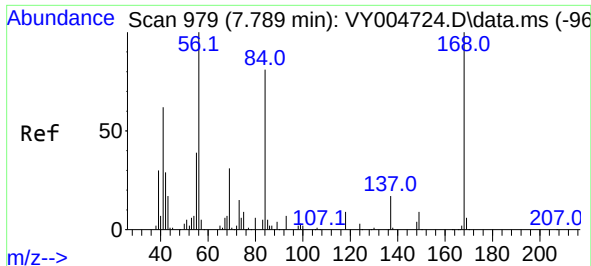
Delta R.T. -0.000 min

Lab File: VY004751.D

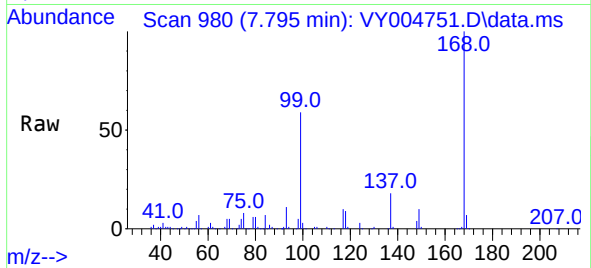
Acq: 12 May 2021 12:21

Tgt Ion:	83	Resp:	9858
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.3	76.9

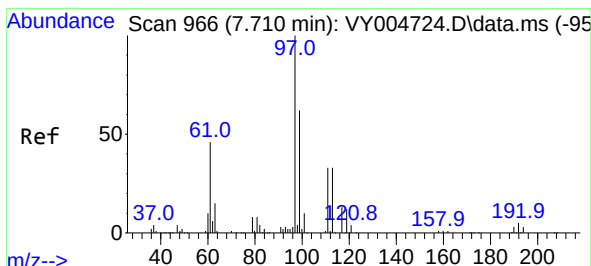
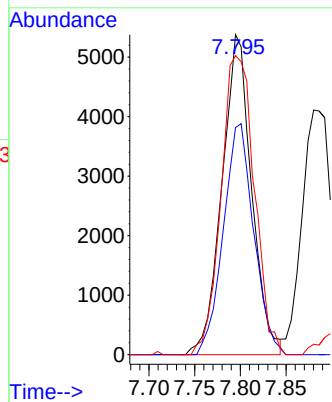
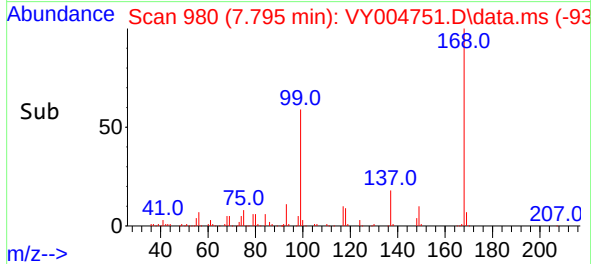




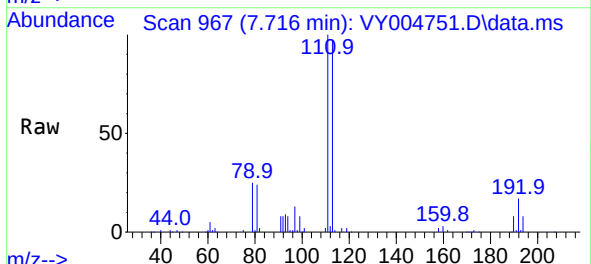
#31
Cyclohexane
Concen: 3.36 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



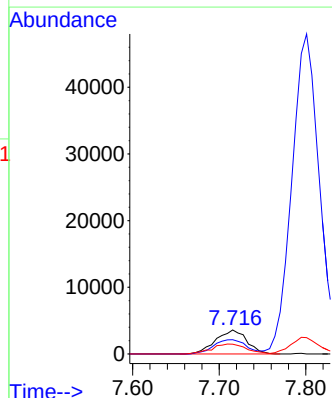
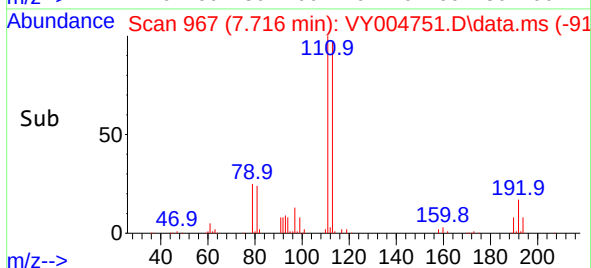
Tgt Ion: 56 Resp: 12111
Ion Ratio Lower Upper
56 100
69 71.0 24.4 36.6#
84 93.5 64.8 97.2



#32
1,1,1-Trichloroethane
Concen: 2.60 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



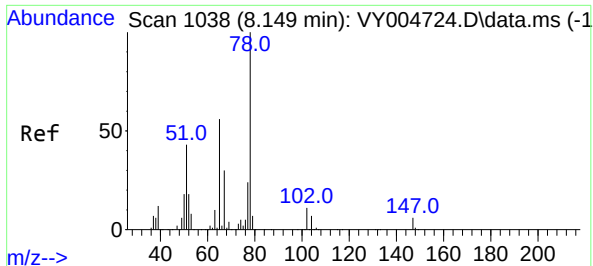
Tgt Ion: 97 Resp: 8966
Ion Ratio Lower Upper
97 100
99 62.2 50.7 76.1
61 46.2 37.0 55.6



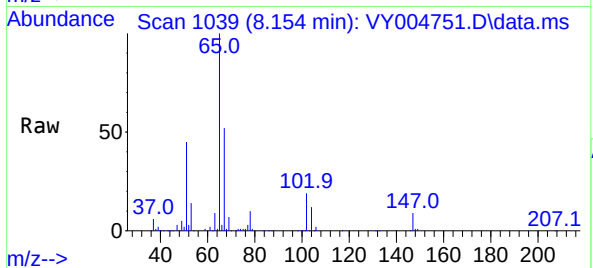
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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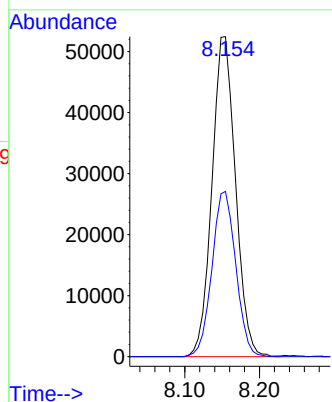
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#33
1,2-Dichloroethane-d4
Concen: 51.52 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



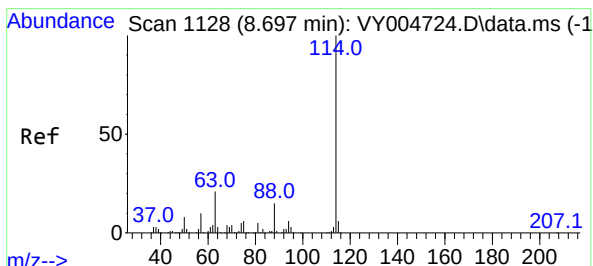
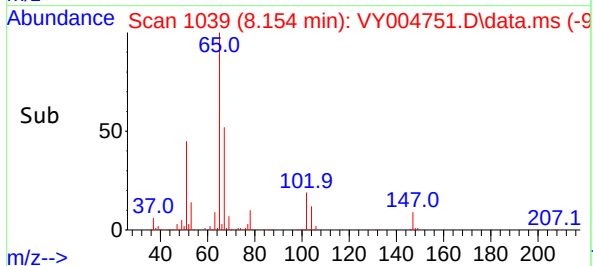
Tgt Ion: 65 Resp: 114722
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0



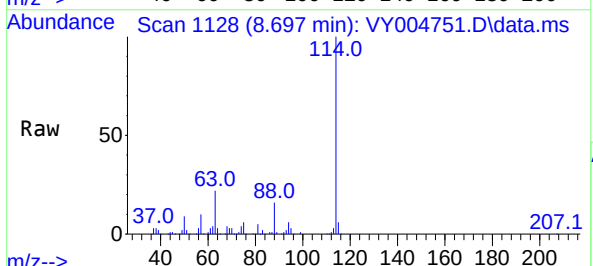
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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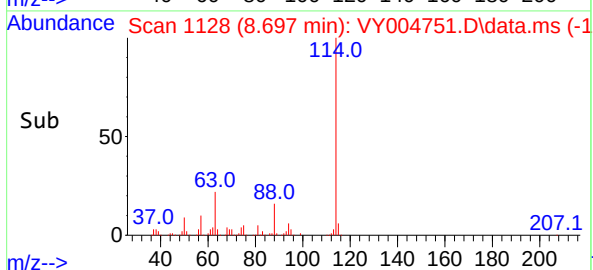
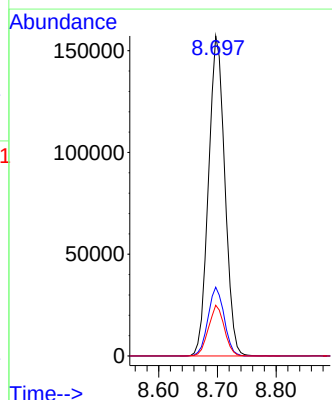
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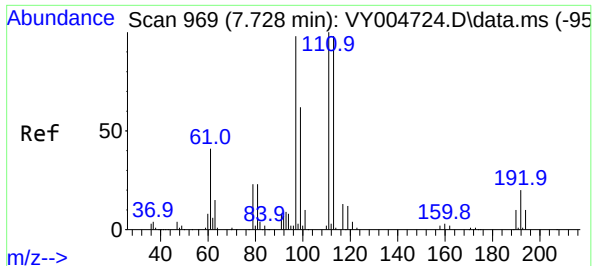


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

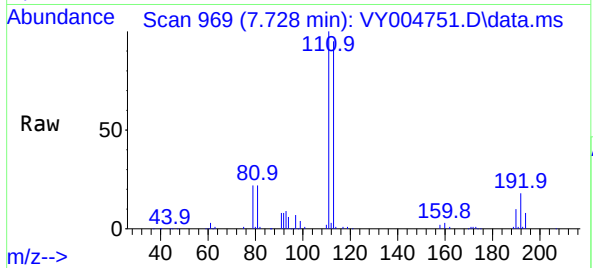


Tgt Ion: 114 Resp: 303329
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.8
88 15.9 0.0 31.0

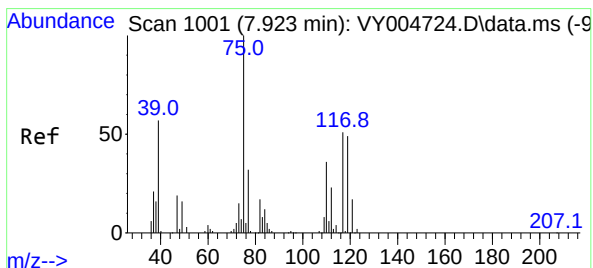
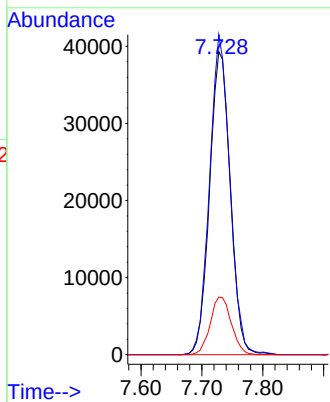
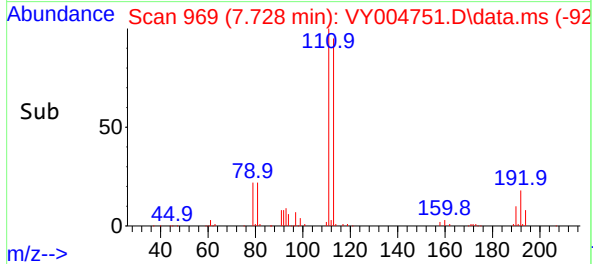




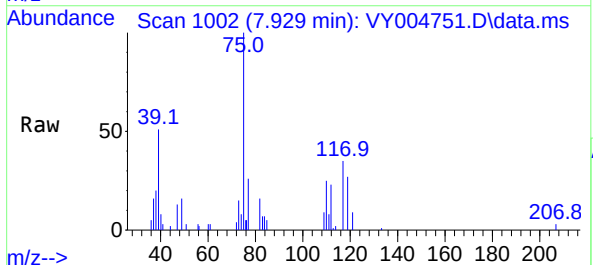
#35
Dibromofluoromethane
Concen: 56.08 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



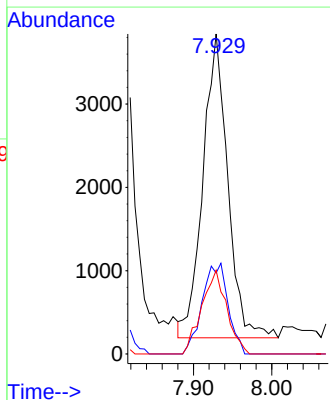
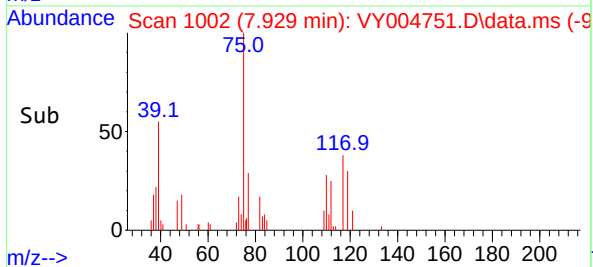
Tgt Ion: 113 Resp: 93117
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 19.3 15.0 22.6



#36
1,1-Dichloropropene
Concen: 2.58 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



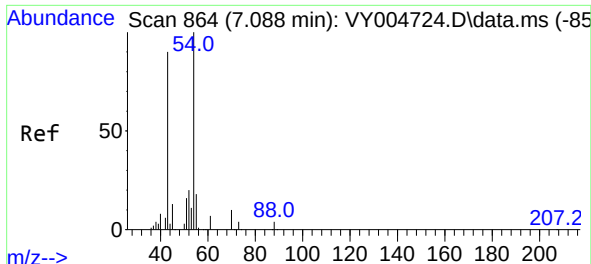
Tgt Ion: 75 Resp: 8032
Ion Ratio Lower Upper
75 100
110 31.0 17.0 50.9
77 27.8 25.0 37.4



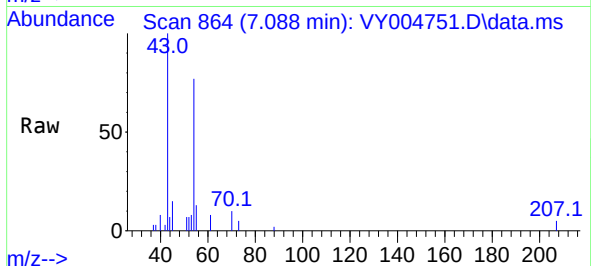
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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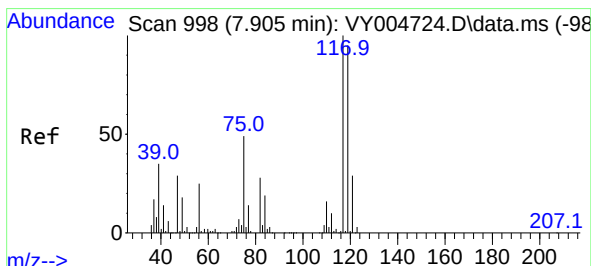
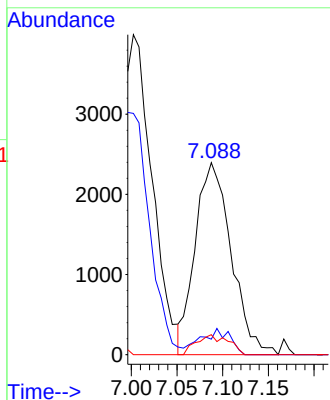
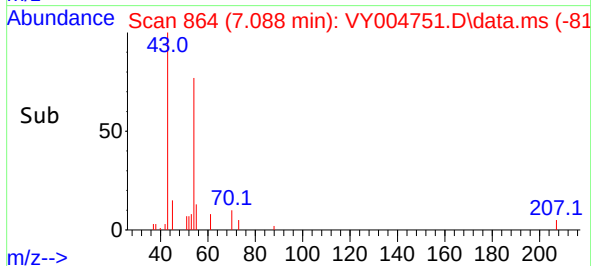


#37
Ethyl Acetate
Concen: 3.09 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

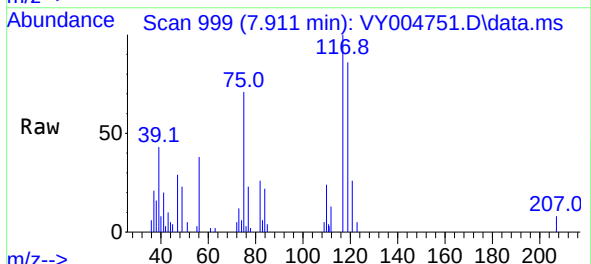


Tgt Ion: 43 Resp: 6577

Ion	Ratio	Lower	Upper
43	100		
61	10.9	9.9	14.9
70	9.2	6.7	10.1

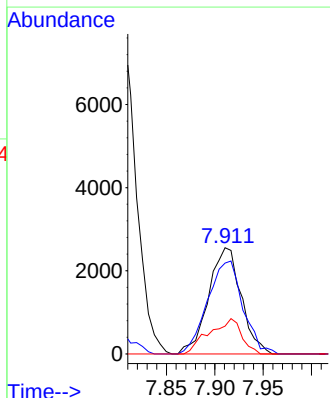
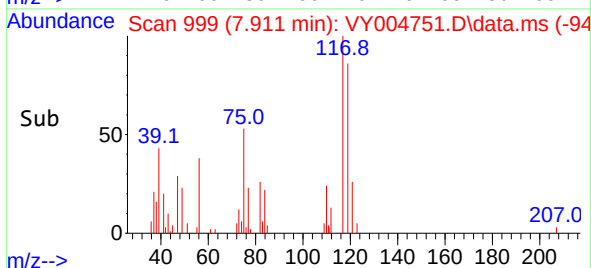


#38
Carbon Tetrachloride
Concen: 2.14 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



Tgt Ion: 117 Resp: 5984

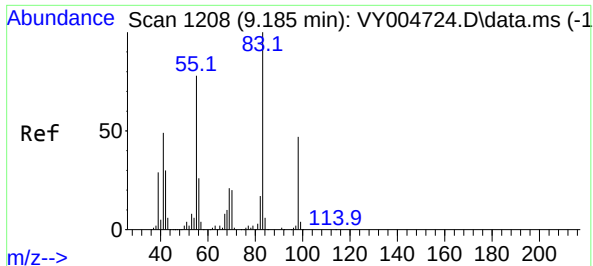
Ion	Ratio	Lower	Upper
117	100		
119	85.5	76.3	114.5
121	26.2	23.0	34.6



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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#39

Methylcyclohexane

Concen: 2.48 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY004751.D

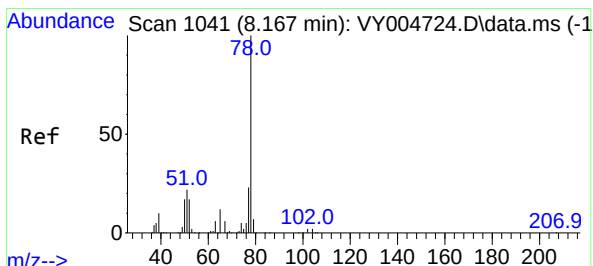
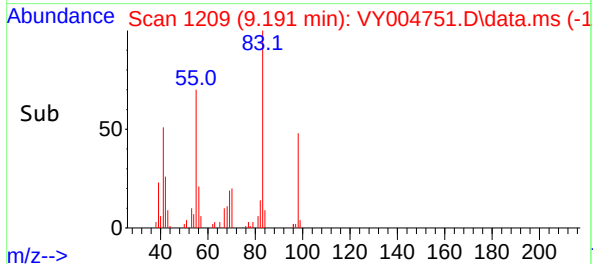
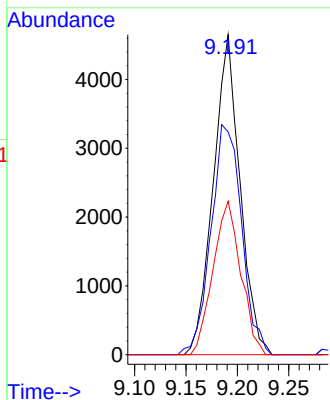
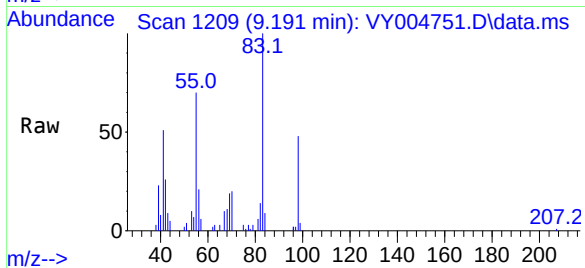
Acq: 12 May 2021 12:21

Tgt Ion:	83	Resp:	8408
Ion	Ratio	Lower	Upper
83	100		
55	69.6	62.6	94.0
98	48.0	37.8	56.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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#40

Benzene

Concen: 2.54 ug/l

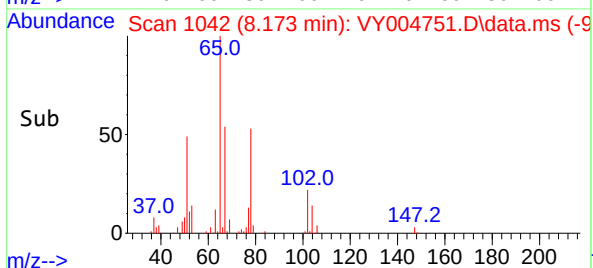
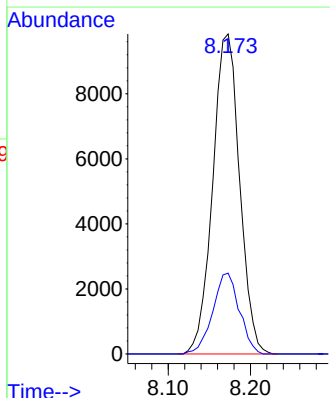
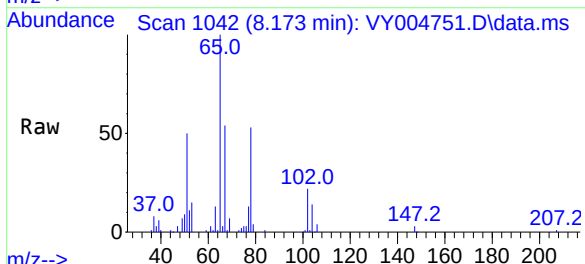
RT: 8.173 min Scan# 1042

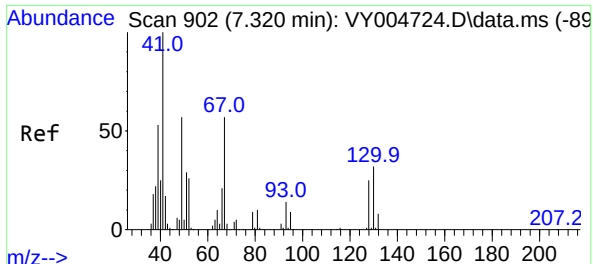
Delta R.T. 0.006 min

Lab File: VY004751.D

Acq: 12 May 2021 12:21

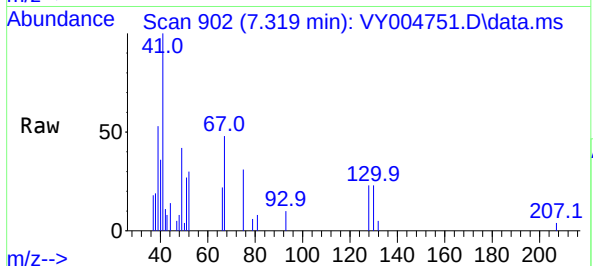
Tgt Ion:	78	Resp:	22340
Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.4	27.6





#41
Methacrylonitrile
Concen: 2.38 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

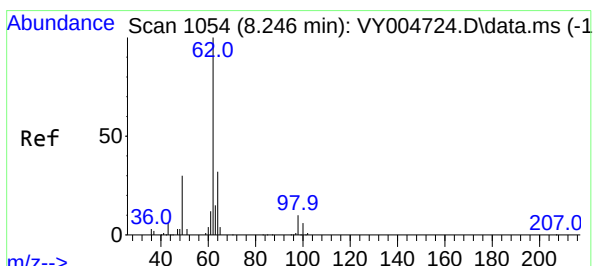
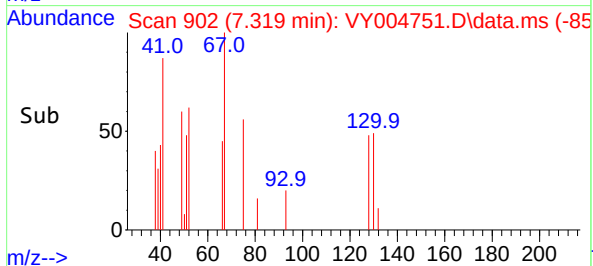
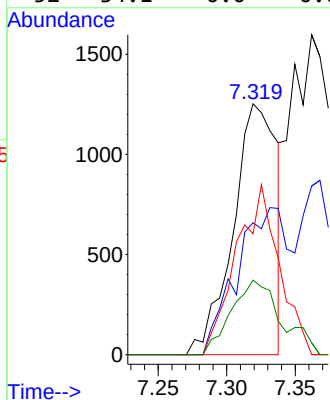
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:	41	Resp:	2768
Ion Ratio	100	Lower	Upper
39	71.9	0.0	0.0#
67	66.5	0.0	0.0#
52	34.1	0.0	0.0#

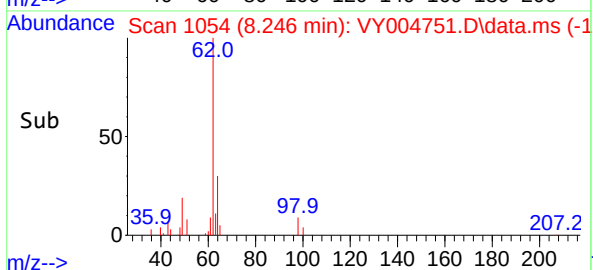
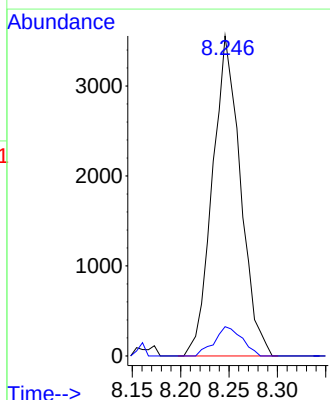
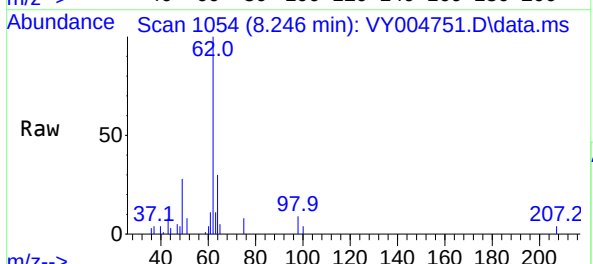
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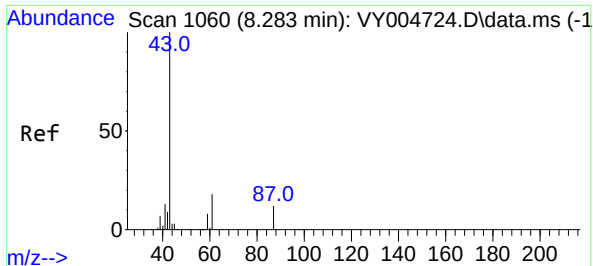
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#42
1,2-Dichloroethane
Concen: 2.58 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:	62	Resp:	7163
Ion Ratio	100	Lower	Upper
98	9.0	0.0	18.2





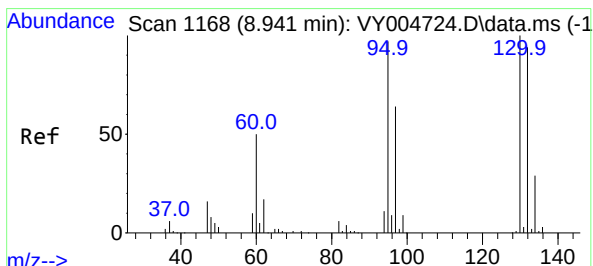
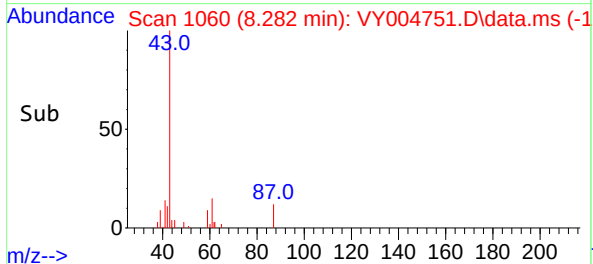
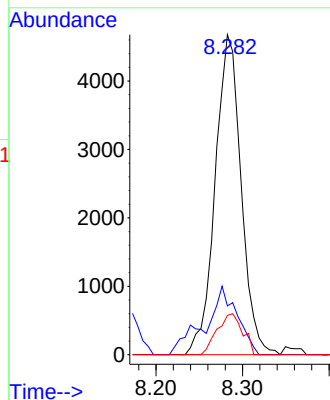
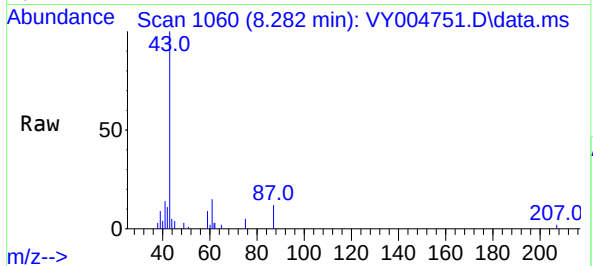
#43
Isopropyl Acetate
Concen: 2.47 ug/l
RT: 8.282 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 9749
Ion Ratio Lower Upper
43 100
61 18.9 20.3 30.5#
87 12.6 9.2 13.8

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

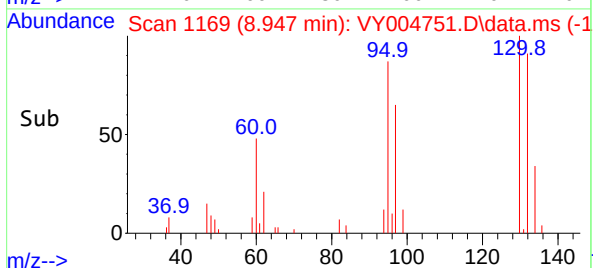
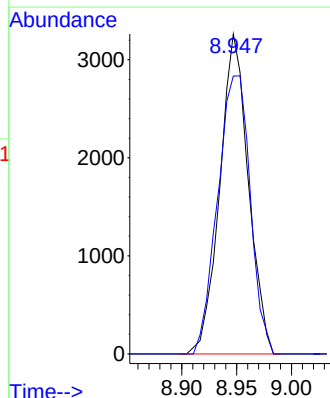
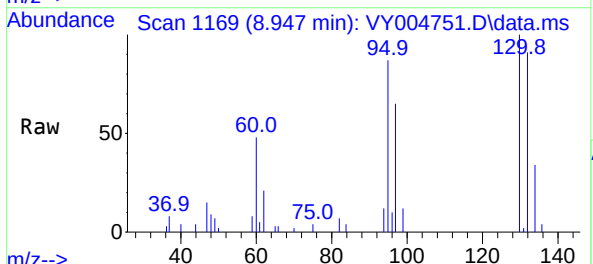
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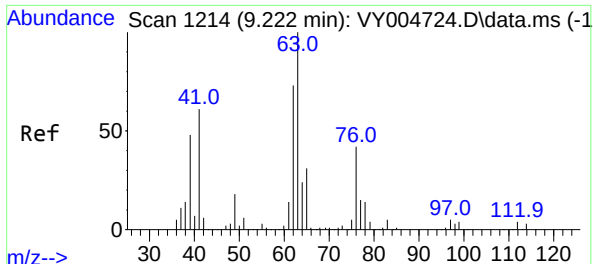
MMDadoda
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#44
Trichloroethene
Concen: 2.50 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:130 Resp: 5901
Ion Ratio Lower Upper
130 100
95 86.9 0.0 193.6





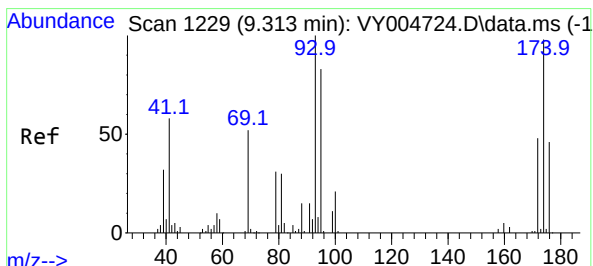
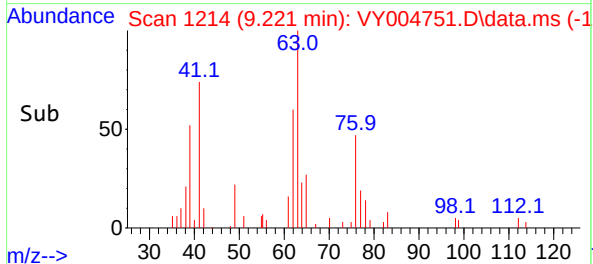
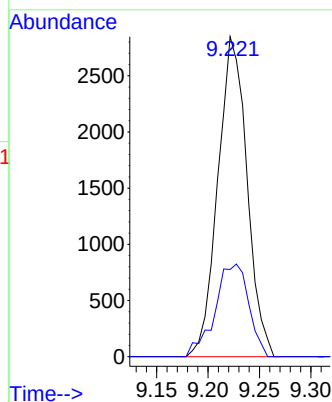
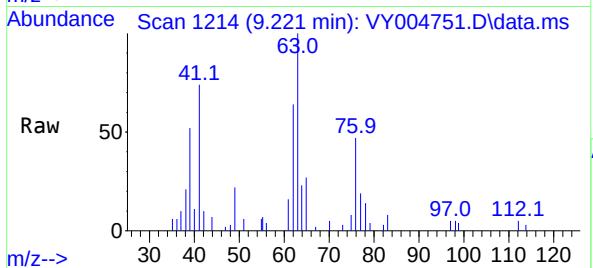
#45
1,2-Dichloropropane
Concen: 2.44 ug/l
RT: 9.221 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 63 Resp: 5612
Ion Ratio Lower Upper
63 100
65 27.2 25.0 37.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

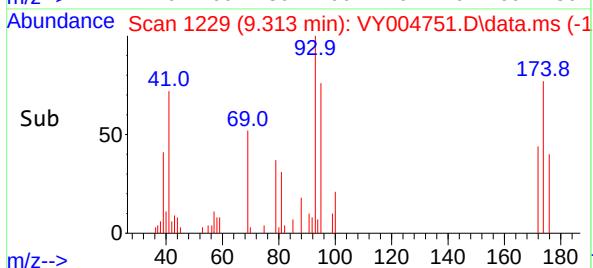
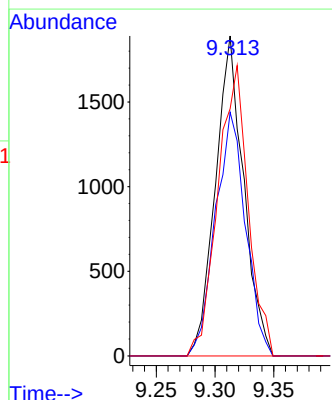
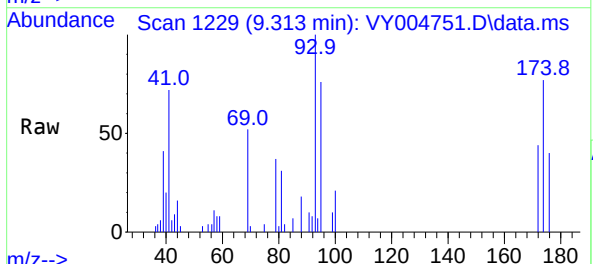
Manual Integrations
APPROVED

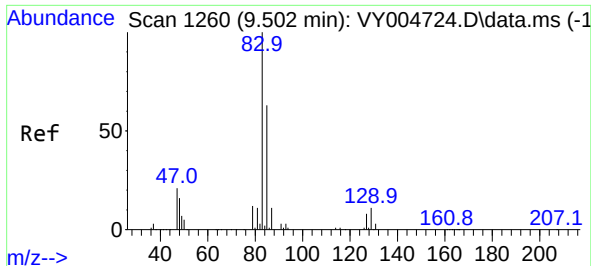
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#46
Dibromomethane
Concen: 2.47 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 93 Resp: 3155
Ion Ratio Lower Upper
93 100
95 81.2 66.8 100.2
174 97.3 75.9 113.9





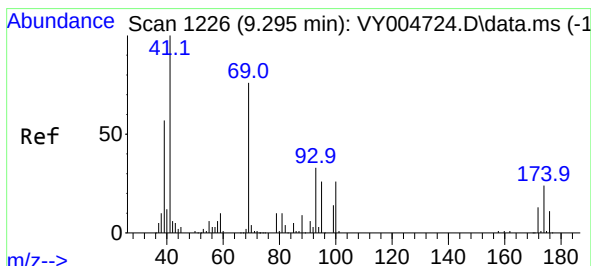
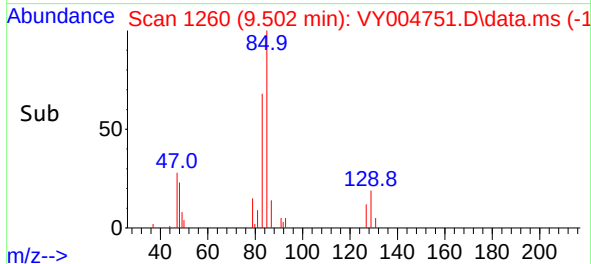
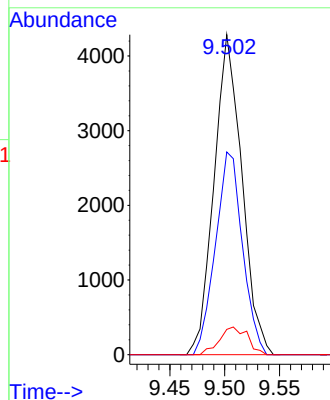
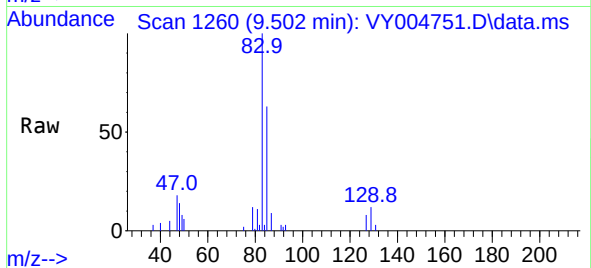
#47
Bromodichloromethane
Concen: 2.49 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:	83	Resp:	7563
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.4	75.6
127	7.9	6.6	9.8

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

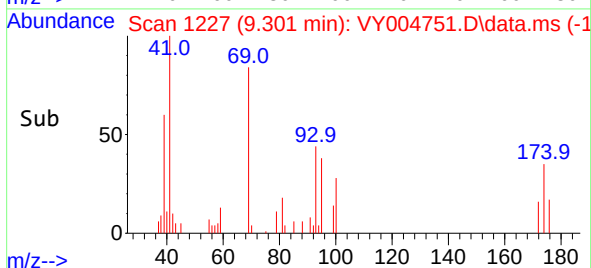
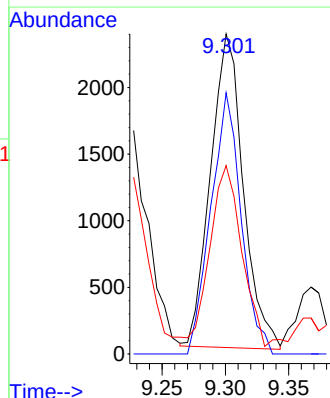
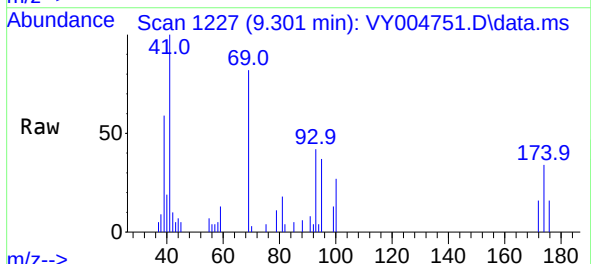
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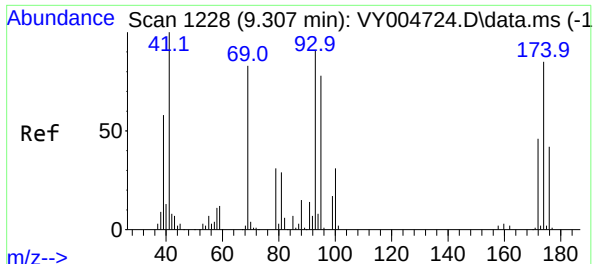
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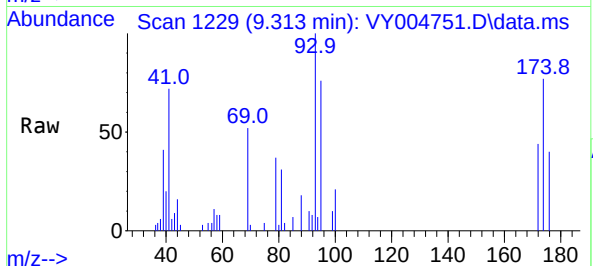
#48
Methyl methacrylate
Concen: 2.36 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:	41	Resp:	4239
Ion	Ratio	Lower	Upper
41	100		
69	76.9	62.0	93.0
39	61.0	48.4	72.6

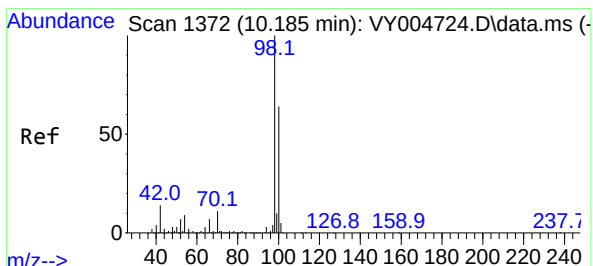
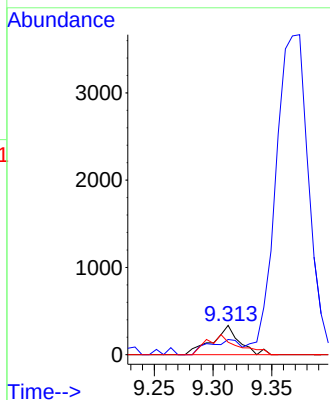
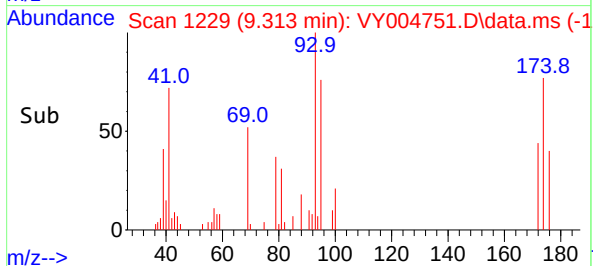




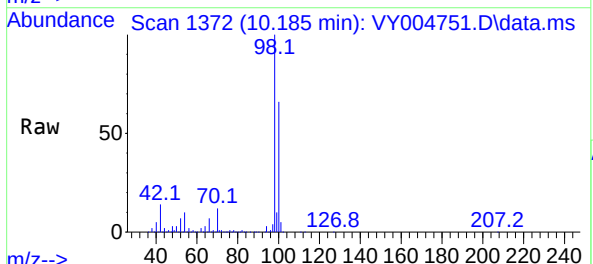
#49
1,4-Dioxane
Concen: 35.54 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



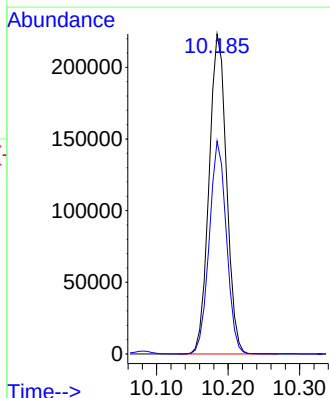
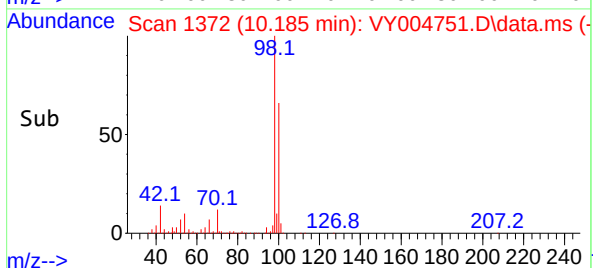
Tgt Ion: 88 Resp: 535
Ion Ratio Lower Upper
88 100
43 59.8 32.1 48.1#
58 77.9 64.2 96.4



#50
Toluene-d8
Concen: 50.45 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



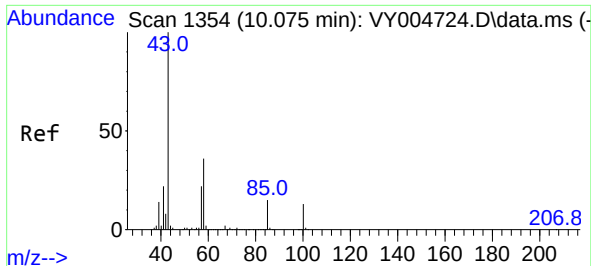
Tgt Ion: 98 Resp: 378484
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

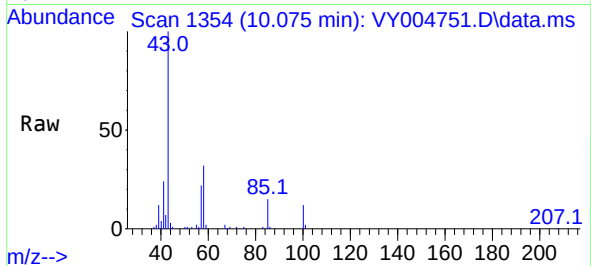
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#51
4-Methyl-2-Pentanone
Concen: 12.13 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

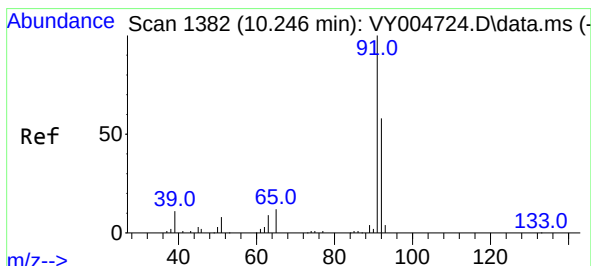
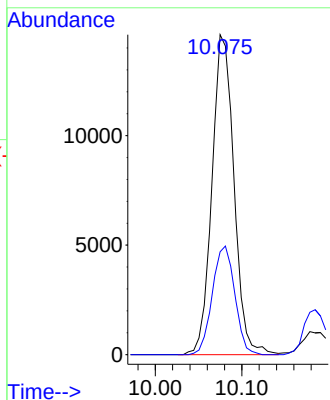
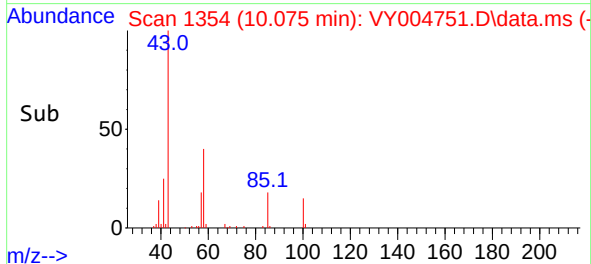
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



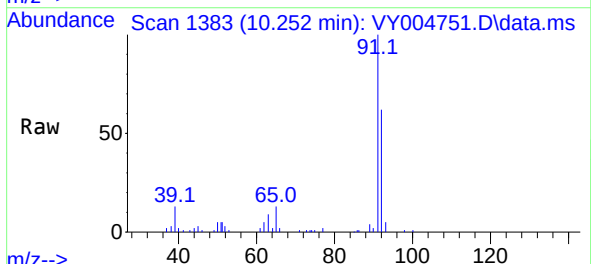
Tgt Ion: 43 Resp: 25816
Ion Ratio Lower Upper
43 100
58 34.6 28.7 43.1

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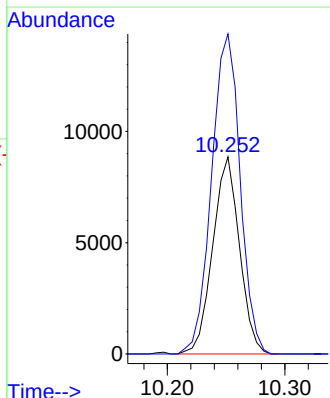
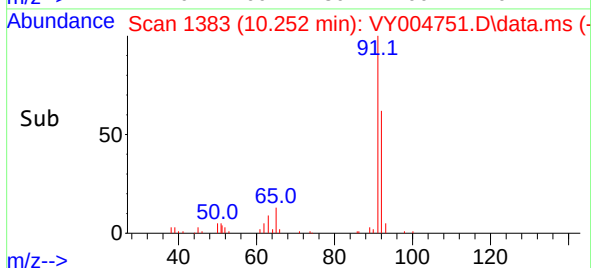
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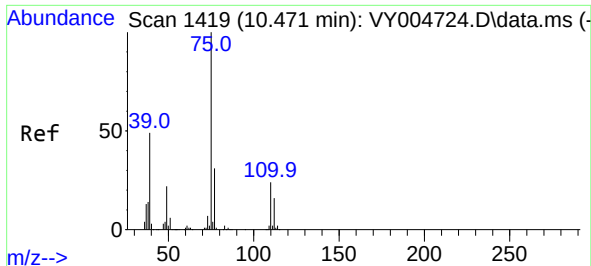


#52
Toluene
Concen: 2.52 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



Tgt Ion: 92 Resp: 14001
Ion Ratio Lower Upper
92 100
91 173.4 138.2 207.4





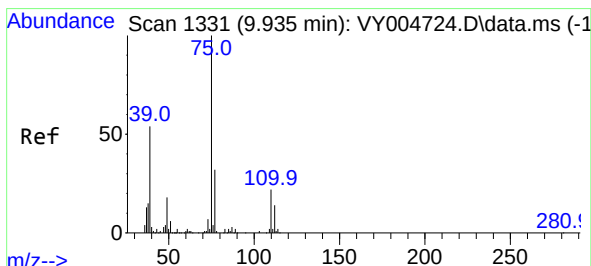
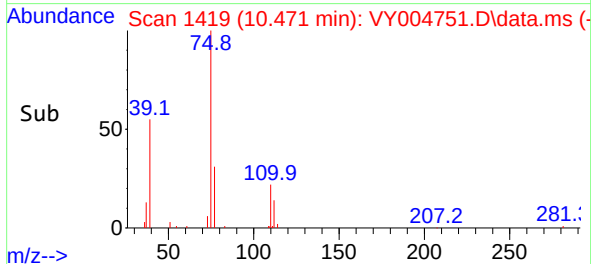
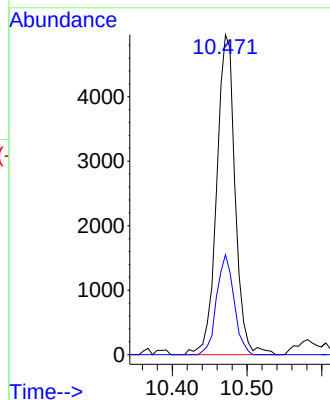
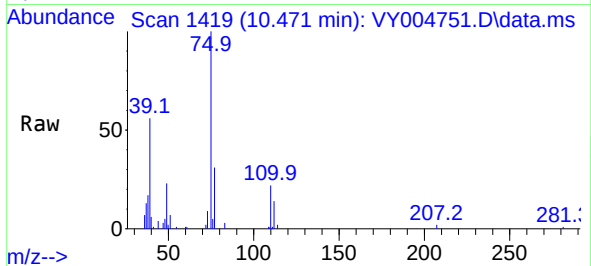
#53
t-1,3-Dichloropropene
Concen: 2.54 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 75 Resp: 8531
Ion Ratio Lower Upper
75 100
77 31.3 24.8 37.2

Instrument :
MSVOA_Y
ClientSampleId :
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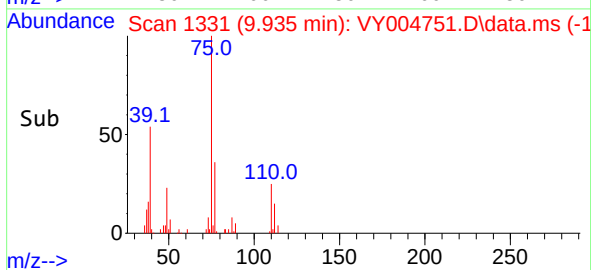
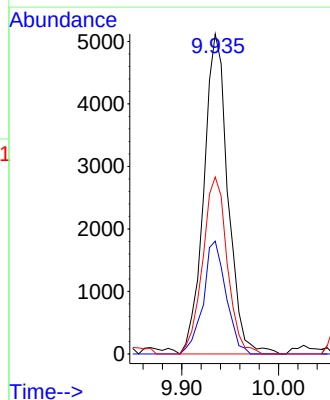
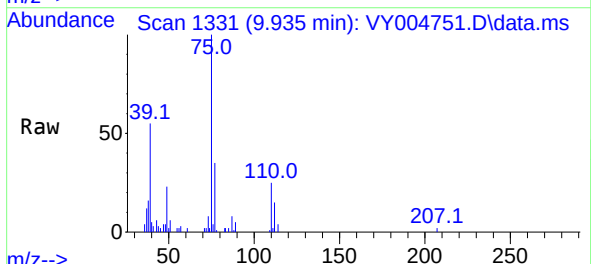
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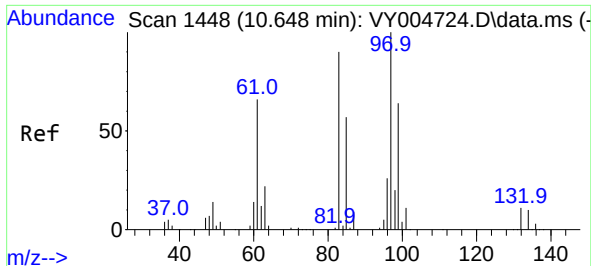
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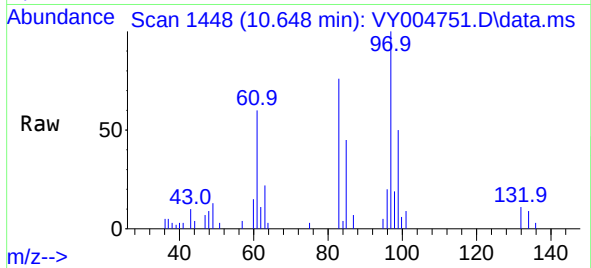
#54
cis-1,3-Dichloropropene
Concen: 2.38 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 75 Resp: 8880
Ion Ratio Lower Upper
75 100
77 35.3 25.4 38.0
39 55.3 43.2 64.8

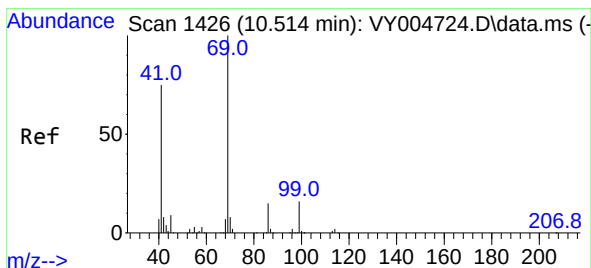
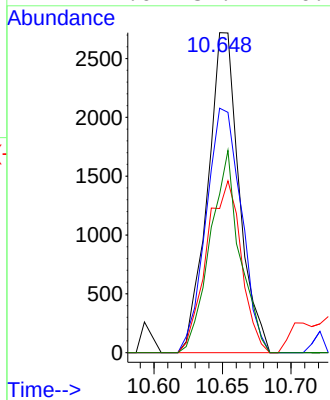
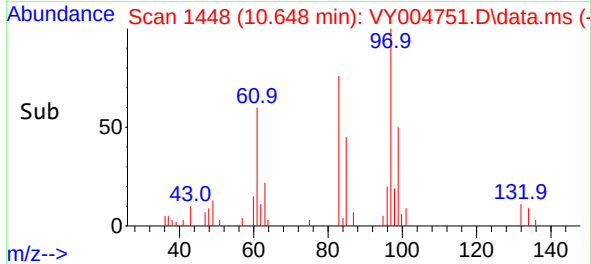




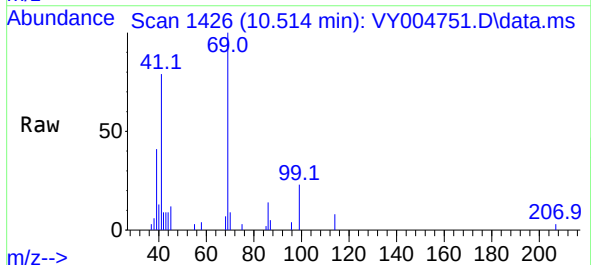
#55
1,1,2-Trichloroethane
Concen: 2.48 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



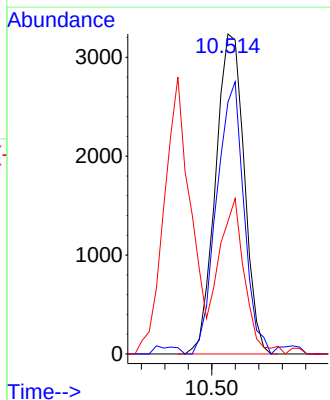
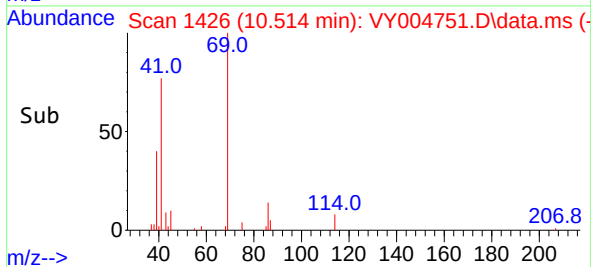
Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.4	71.9	107.9
85	45.0	45.8	68.6#
99	49.6	51.1	76.7#



#56
Ethyl methacrylate
Concen: 2.15 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



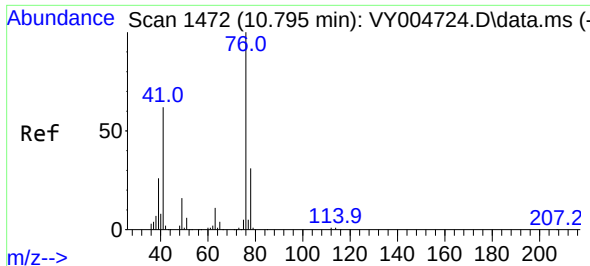
Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.8	60.2	90.4
39	43.2	33.5	50.3



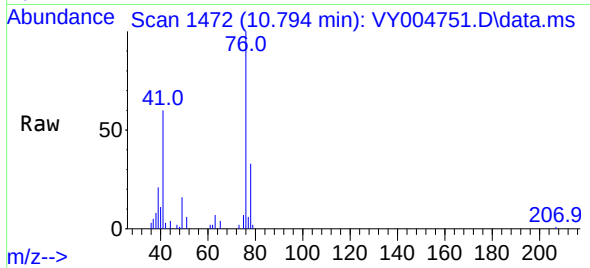
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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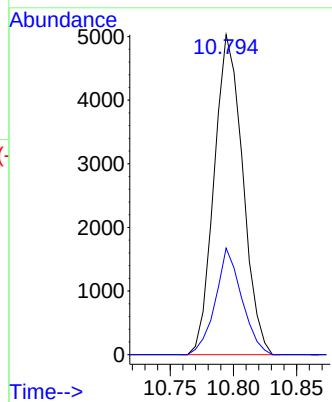
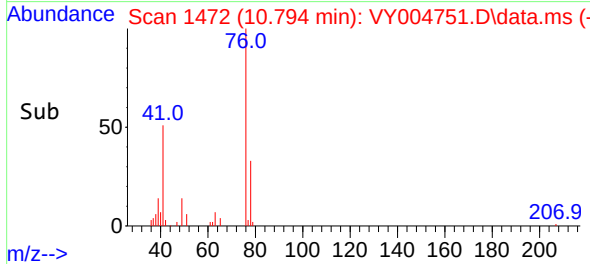
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#57
1,3-Dichloropropane
Concen: 2.52 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



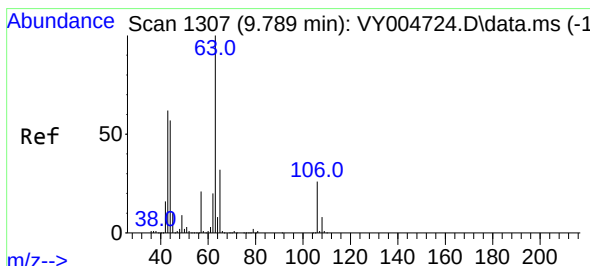
Tgt Ion: 76 Resp: 7898
Ion Ratio Lower Upper
76 100
78 30.7 25.5 38.3



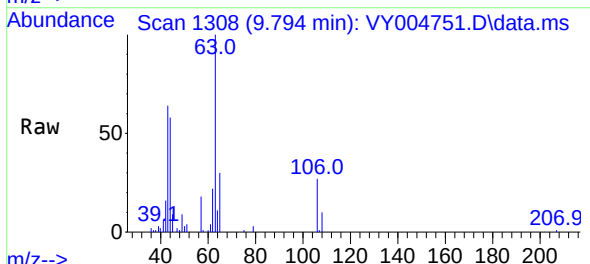
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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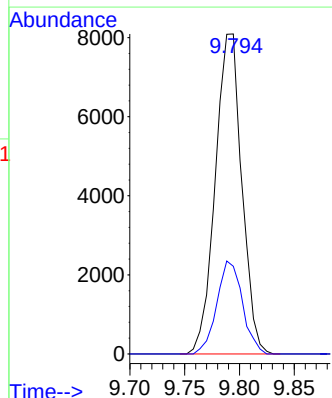
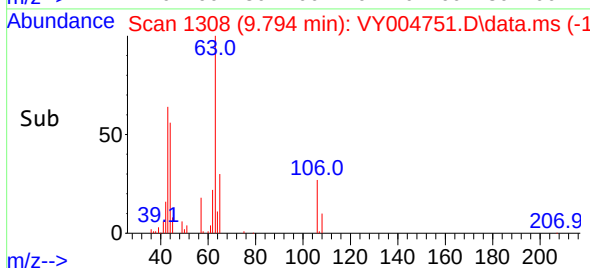
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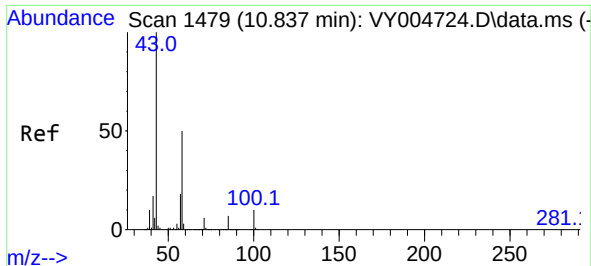


#58
2-Chloroethyl Vinyl ether
Concen: 10.38 ug/l
RT: 9.794 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



Tgt Ion: 63 Resp: 13630
Ion Ratio Lower Upper
63 100
106 28.0 20.9 31.3





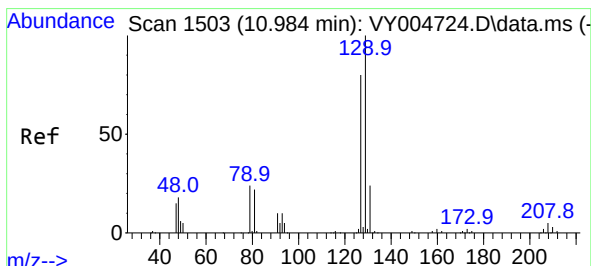
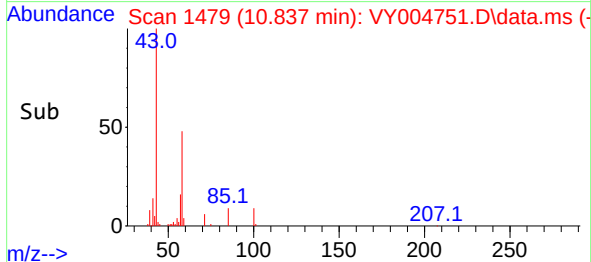
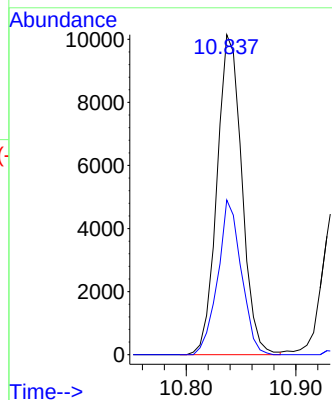
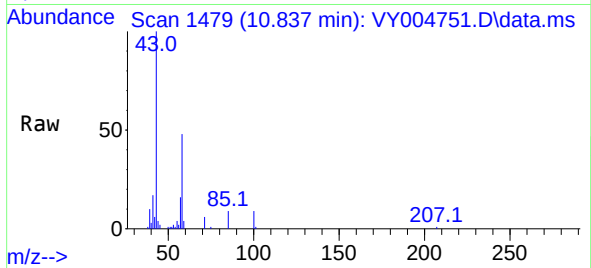
#59
2-Hexanone
Concen: 11.09 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 43 Resp: 15996
Ion Ratio Lower Upper
43 100
58 45.7 24.9 74.8

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

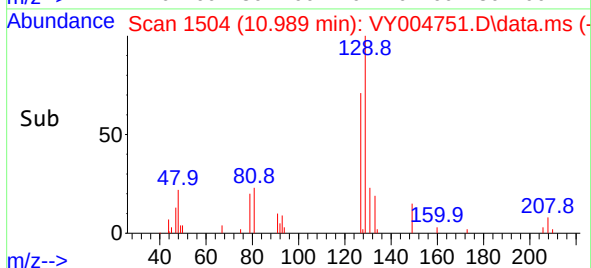
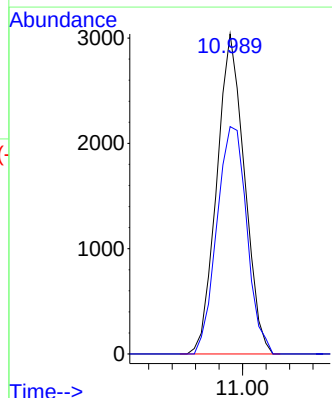
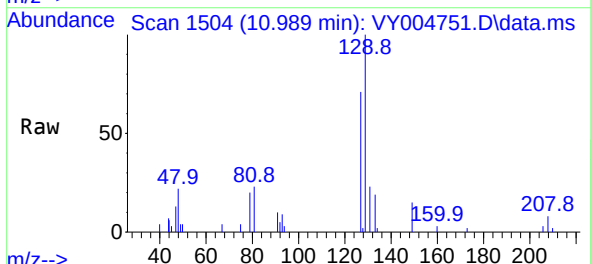
Manual Integrations
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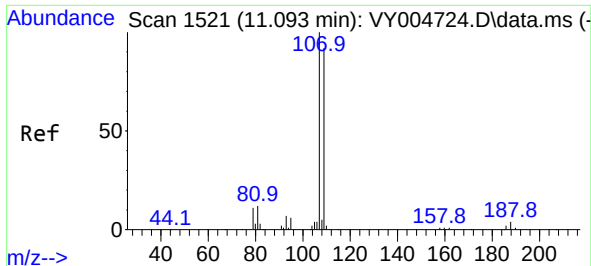
MMDadoda
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#60
Dibromochloromethane
Concen: 2.38 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

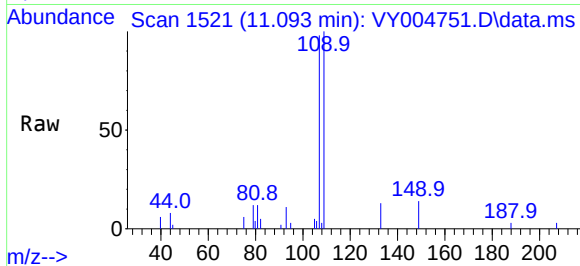
Tgt Ion: 129 Resp: 4973
Ion Ratio Lower Upper
129 100
127 77.0 39.4 118.1





#61
1,2-Dibromoethane
Concen: 2.37 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

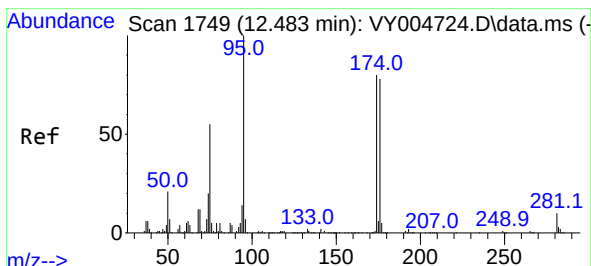
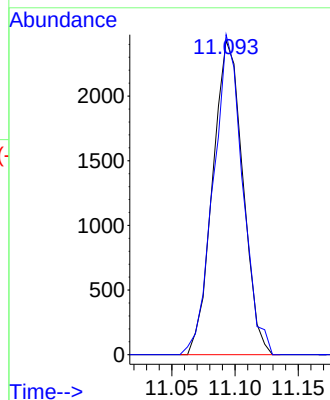
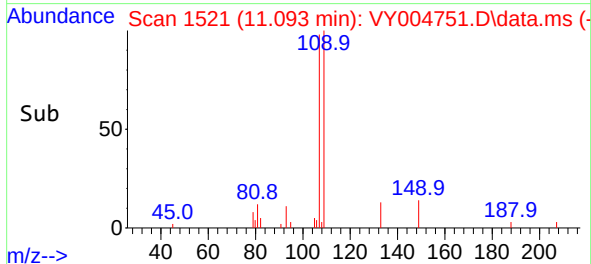
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



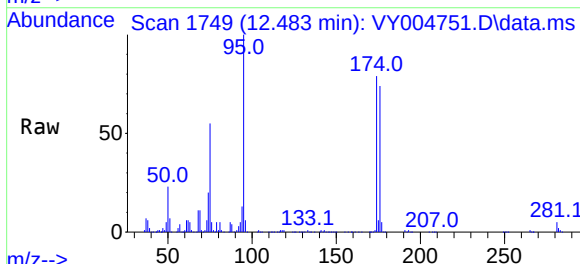
Tgt Ion:107 Resp: 4014
Ion Ratio Lower Upper
107 100
109 99.0 73.8 110.6

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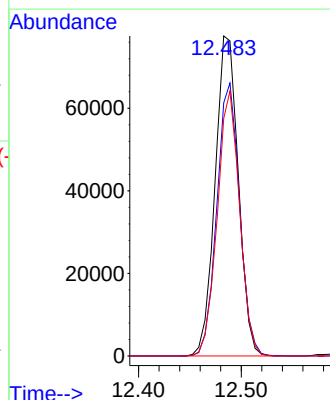
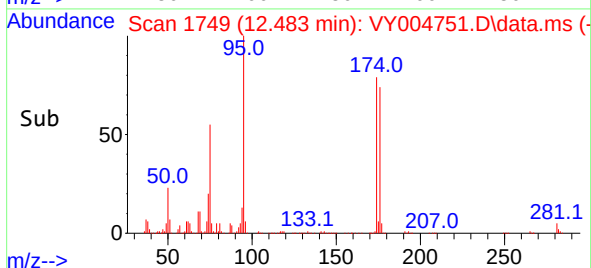
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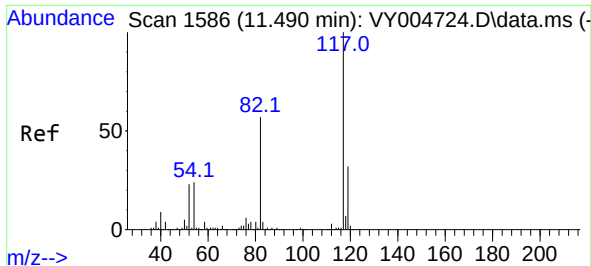


#62
4-Bromofluorobenzene
Concen: 47.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



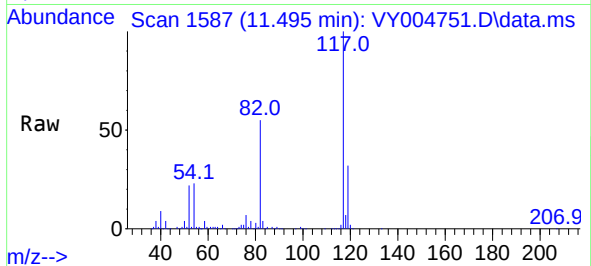
Tgt Ion: 95 Resp: 121390
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.2
176 79.4 0.0 159.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

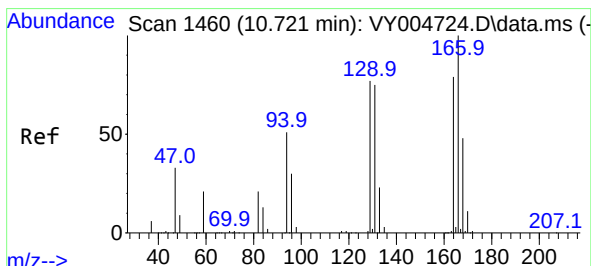
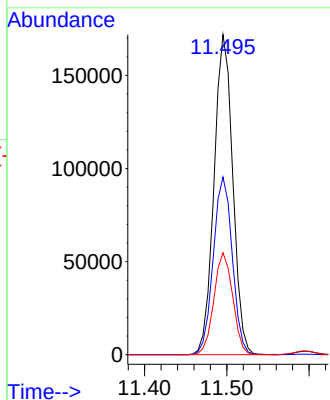
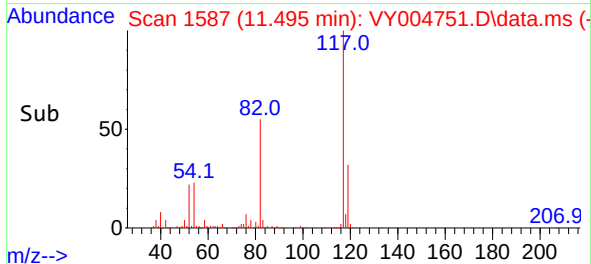
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



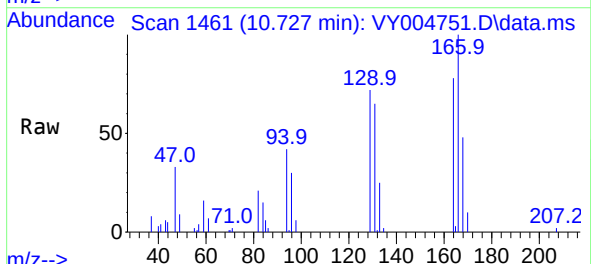
Tgt Ion:117 Resp: 272443
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 31.9 25.8 38.6

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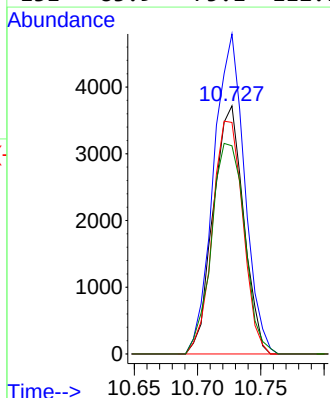
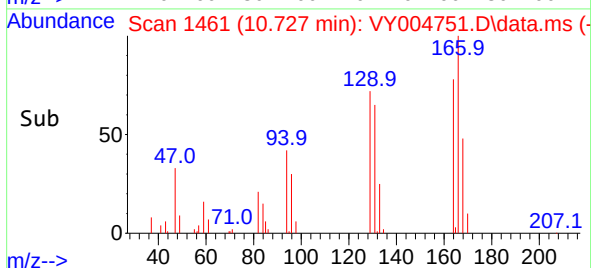
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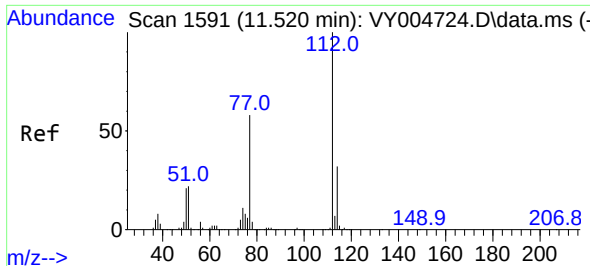


#64
Tetrachloroethene
Concen: 2.52 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



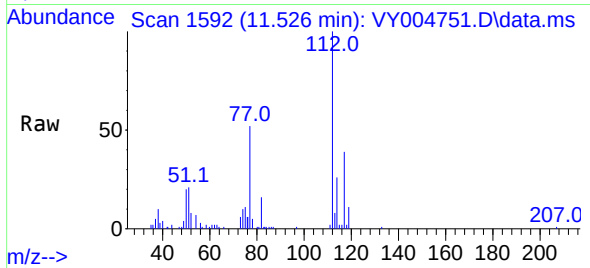
Tgt Ion:164 Resp: 6212
Ion Ratio Lower Upper
164 100
166 129.0 100.8 151.2
129 93.3 77.5 116.3
131 83.9 75.1 112.7





#65
Chlorobenzene
Concen: 2.68 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

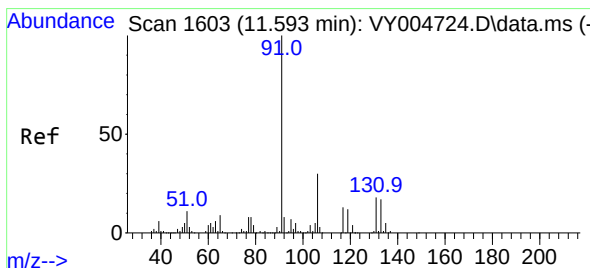
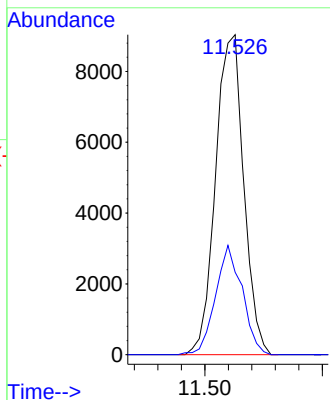
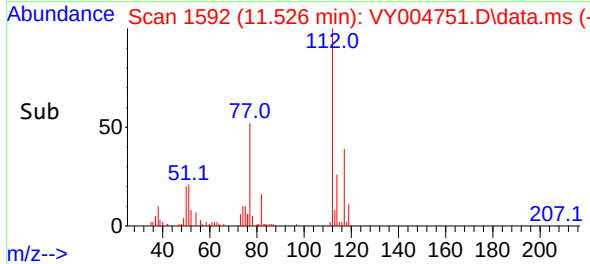
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



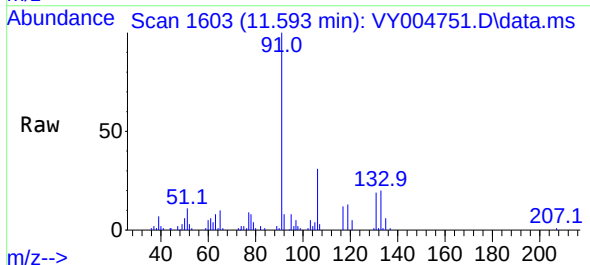
Tgt Ion:112 Resp: 15041
Ion Ratio Lower Upper
112 100
114 25.8 25.4 38.2

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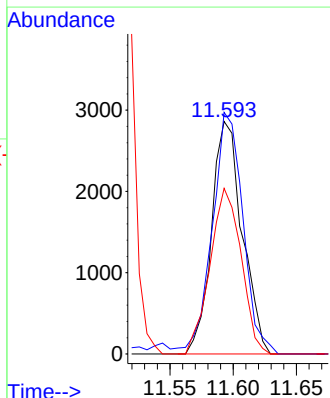
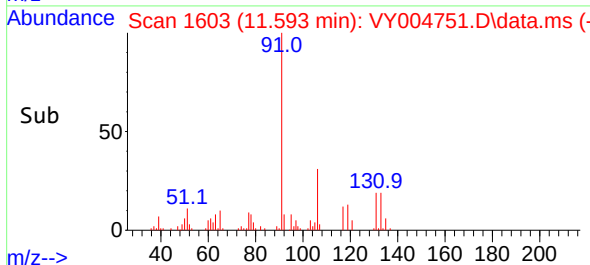
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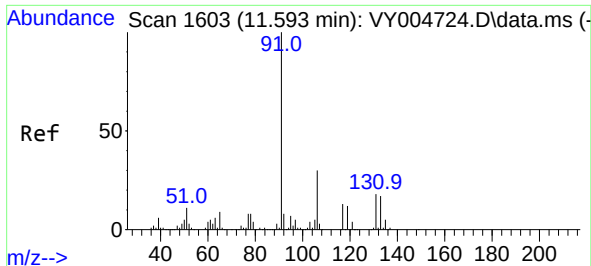


#66
1,1,1,2-Tetrachloroethane
Concen: 2.37 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



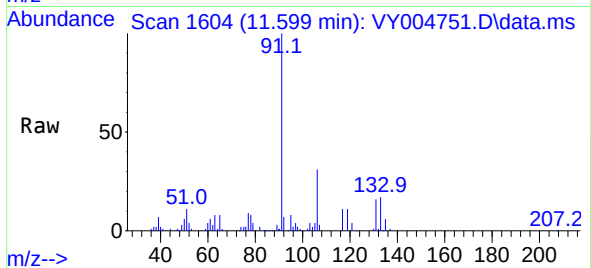
Tgt Ion:131 Resp: 4830
Ion Ratio Lower Upper
131 100
133 104.1 47.9 143.7
119 72.2 32.8 98.4





#67
Ethyl Benzene
Concen: 2.44 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

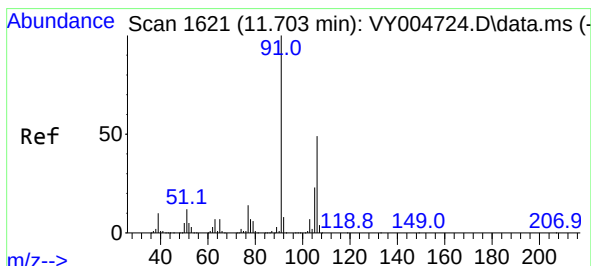
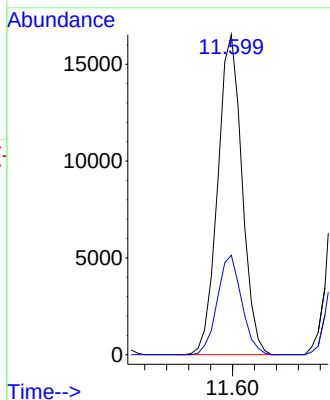
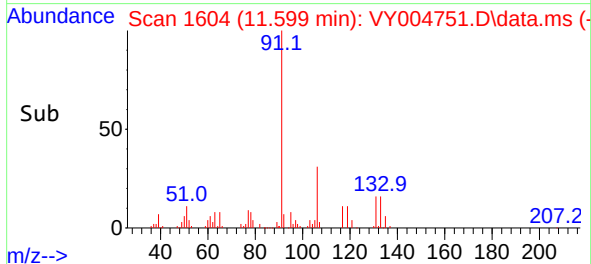
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



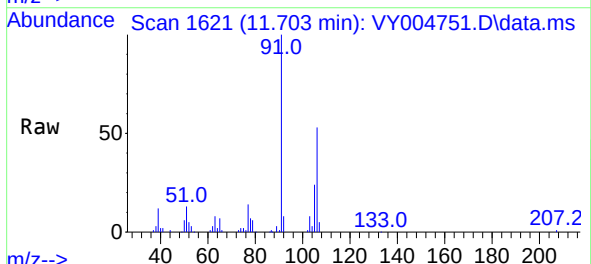
Tgt Ion: 91 Resp: 25434
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0

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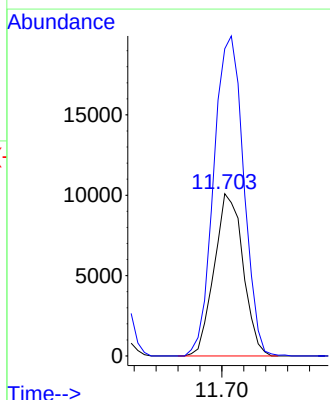
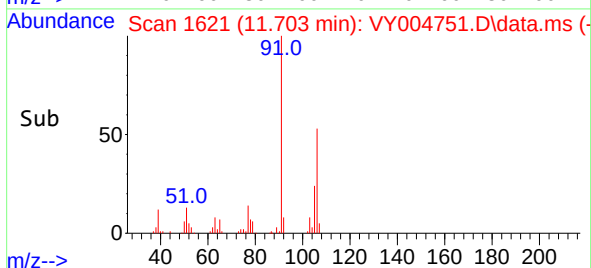
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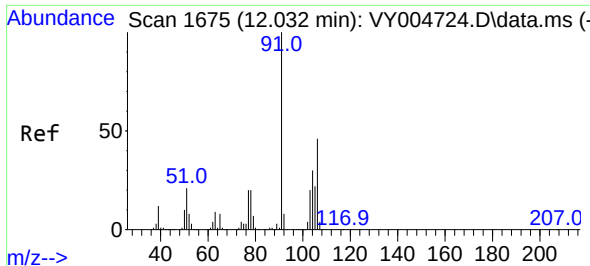


#68
m/p-Xylenes
Concen: 4.71 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



Tgt Ion: 106 Resp: 18435
Ion Ratio Lower Upper
106 100
91 204.5 163.6 245.4





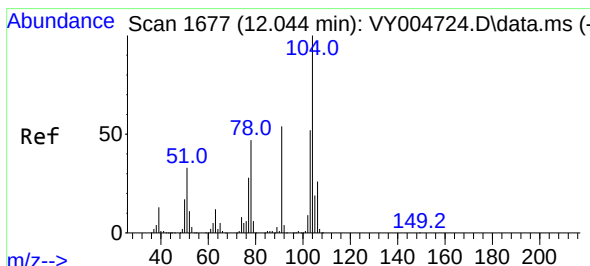
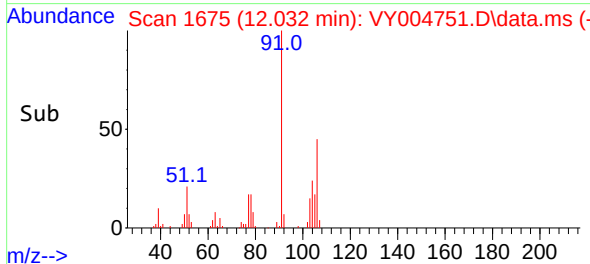
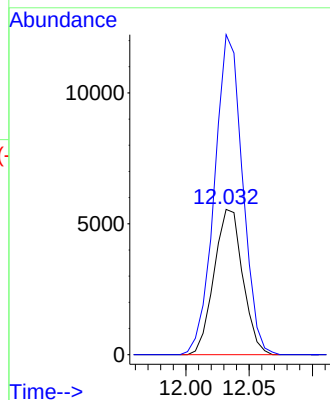
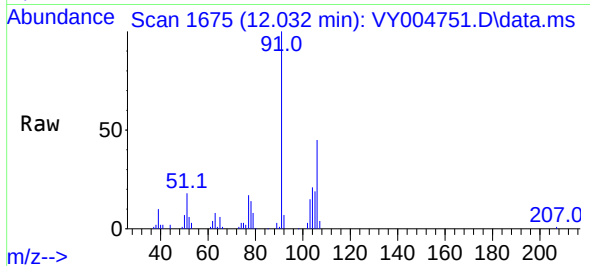
#69
o-Xylene
Concen: 2.39 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:106 Resp: 8757
Ion Ratio Lower Upper
106 100
91 215.9 108.9 326.7

Instrument :
MSVOA_Y
ClientSampleId :
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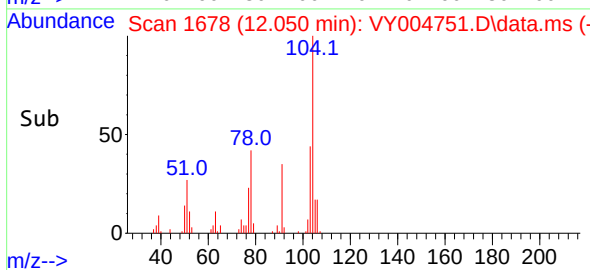
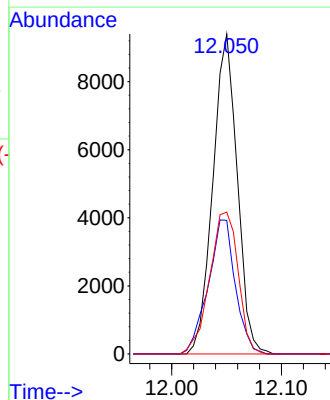
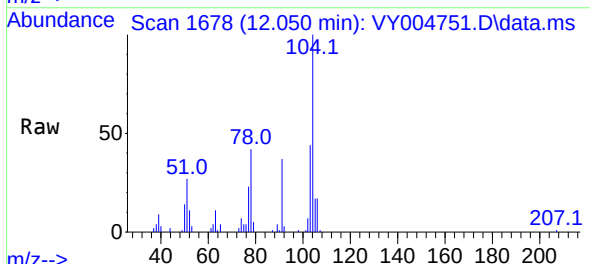
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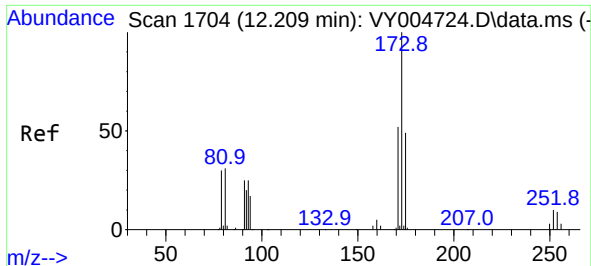
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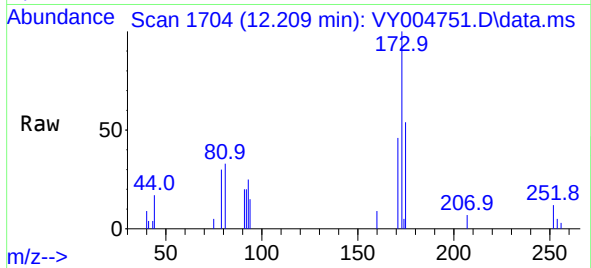
#70
Styrene
Concen: 2.36 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:104 Resp: 14504
Ion Ratio Lower Upper
104 100
78 46.8 40.3 60.5
103 52.0 44.2 66.4

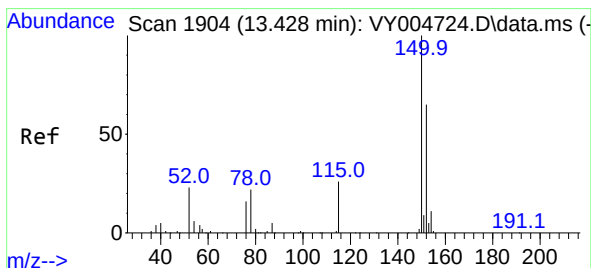
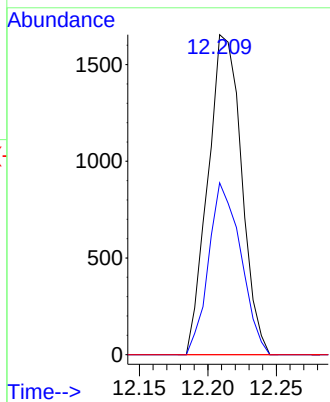
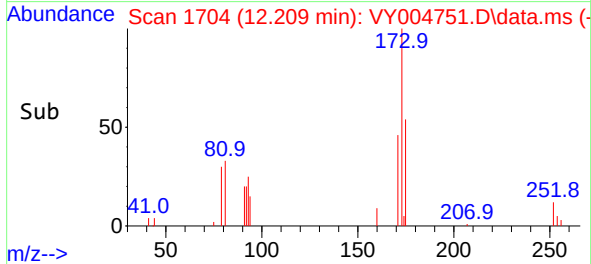




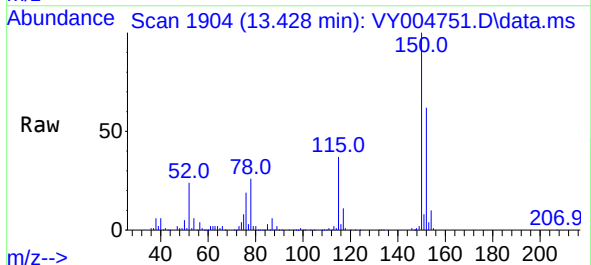
#71
Bromoform
Concen: 2.28 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



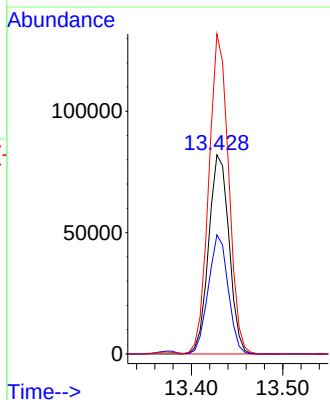
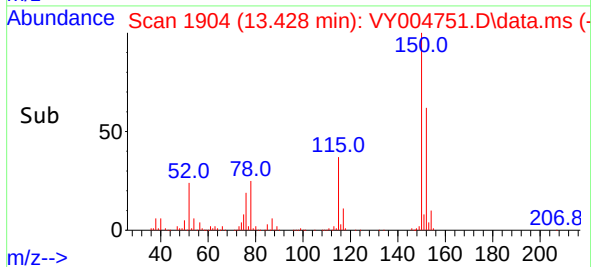
Tgt Ion:173 Resp: 2821
Ion Ratio Lower Upper
173 100
175 51.5 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



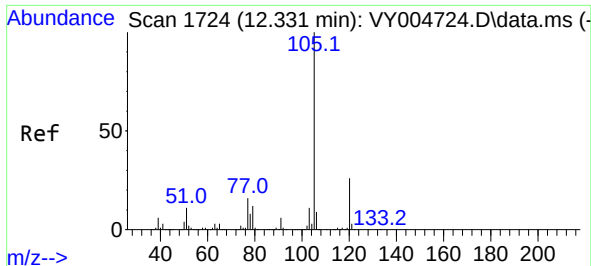
Tgt Ion:152 Resp: 126814
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.3
150 156.4 0.0 349.8



Instrument :
MSVOA_Y
ClientSampleId :
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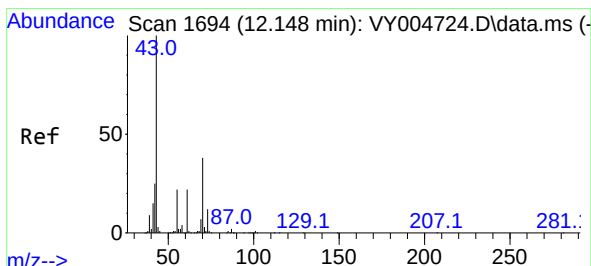
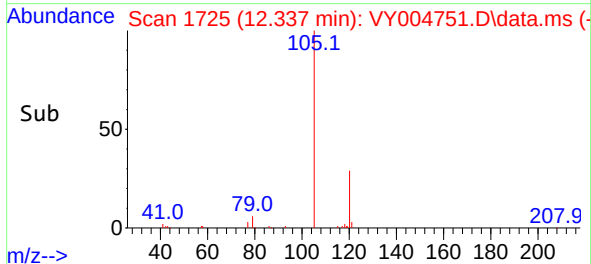
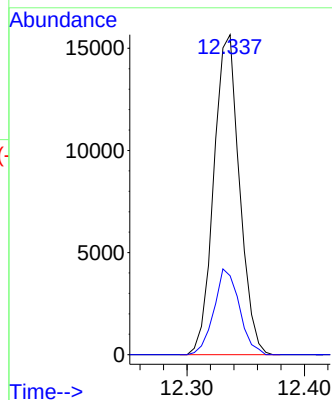
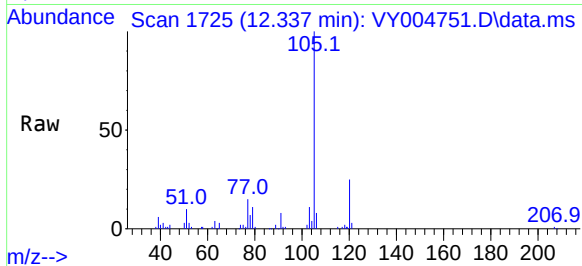
#73
Isopropylbenzene
Concen: 2.49 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 105 Resp: 23783
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Instrument :
MSVOA_Y
ClientSampleId :
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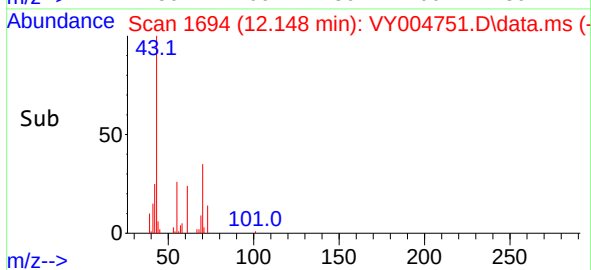
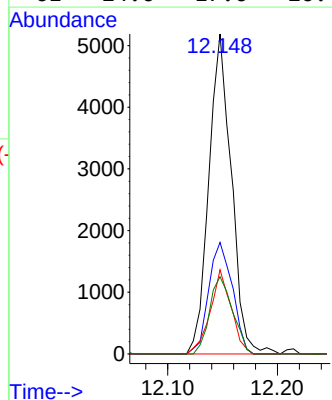
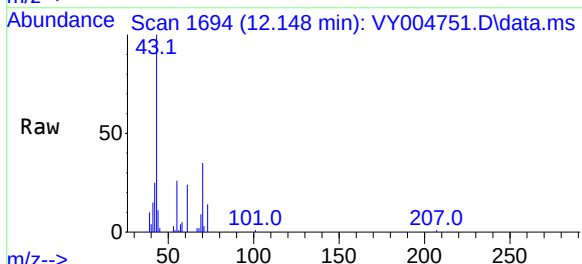
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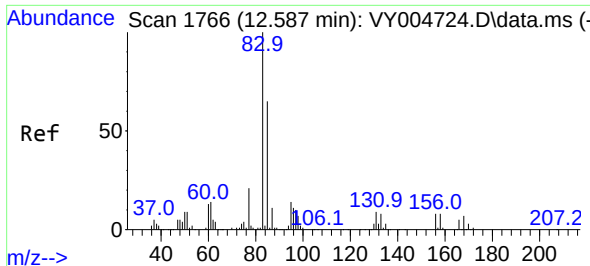
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#74
N-ethyl acetate
Concen: 2.19 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

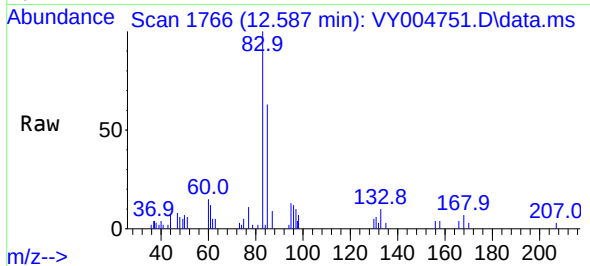
Tgt Ion: 43 Resp: 7415
Ion Ratio Lower Upper
43 100
70 36.6 30.2 45.2
55 24.5 17.8 26.8
61 24.6 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 2.64 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

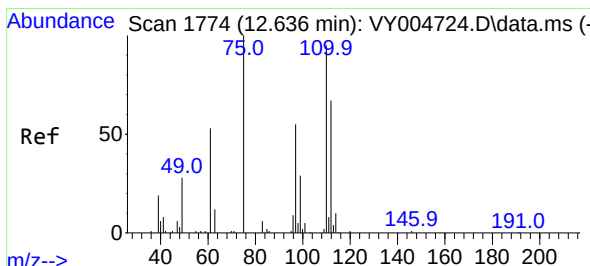
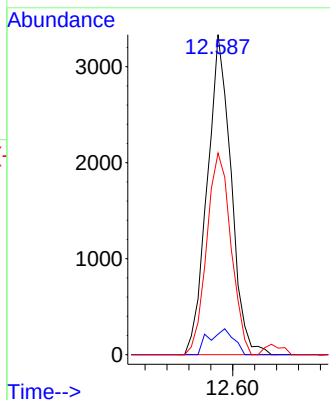
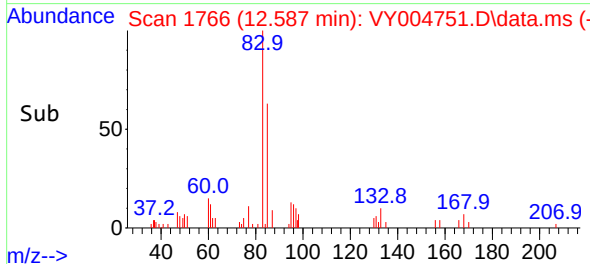
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



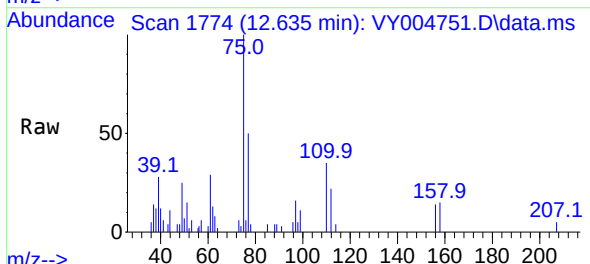
Tgt Ion: 83 Resp: 5032
Ion Ratio Lower Upper
83 100
131 8.4 5.0 14.9
85 64.2 32.1 96.5

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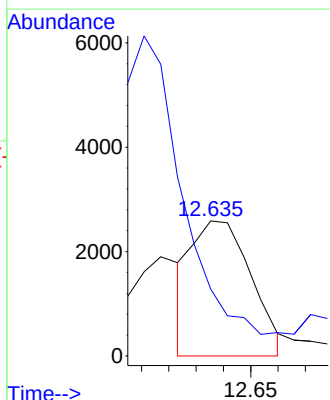
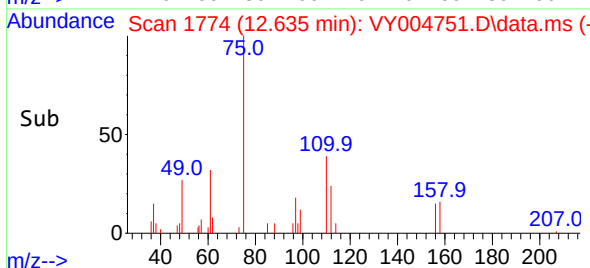
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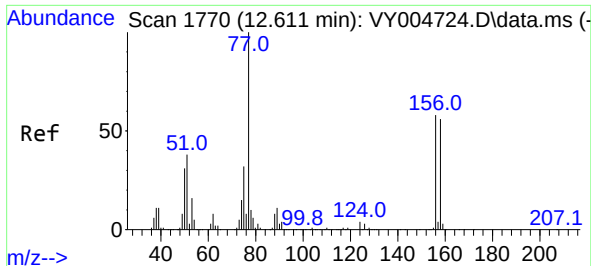


#76
1,2,3-Trichloropropane
Concen: 2.91 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



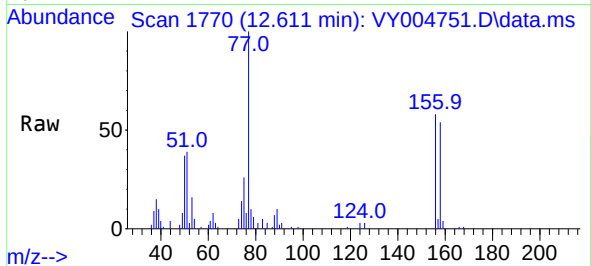
Tgt Ion: 75 Resp: 3913
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.60 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

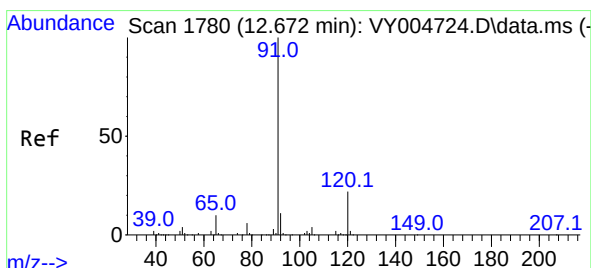
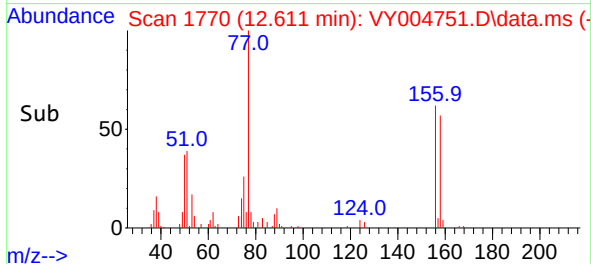
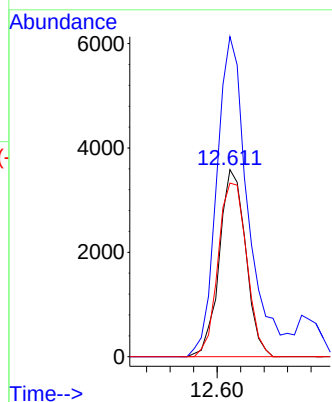
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



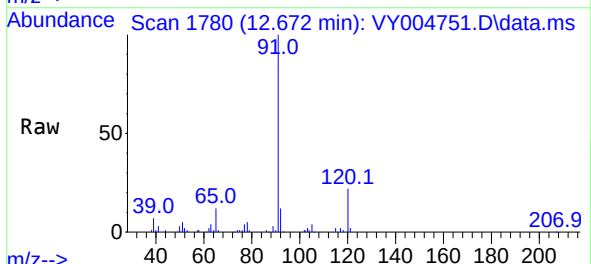
Tgt Ion:156 Resp: 5607
Ion Ratio Lower Upper
156 100
77 204.8 100.6 301.9
158 100.1 48.8 146.3

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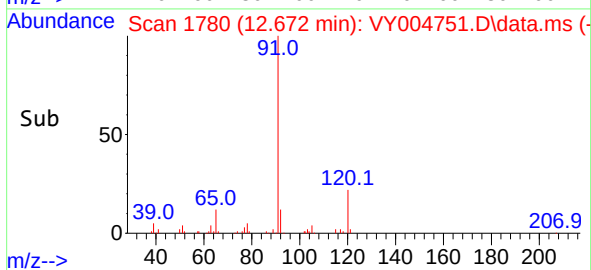
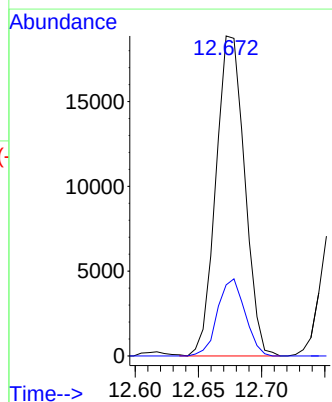
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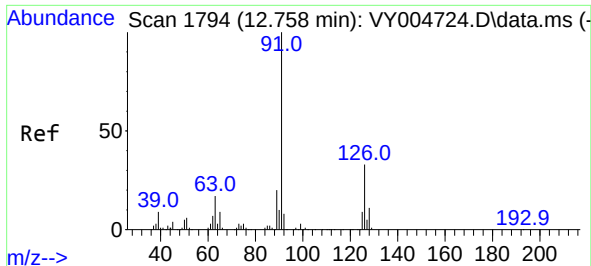


#78
n-propylbenzene
Concen: 2.55 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



Tgt Ion: 91 Resp: 29766
Ion Ratio Lower Upper
91 100
120 23.0 11.1 33.3





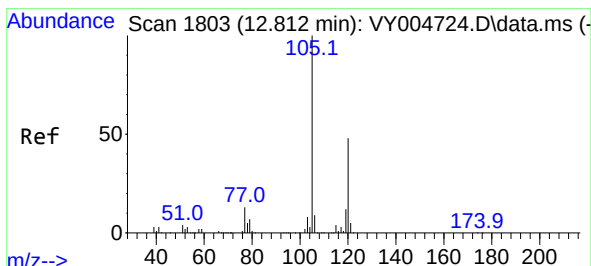
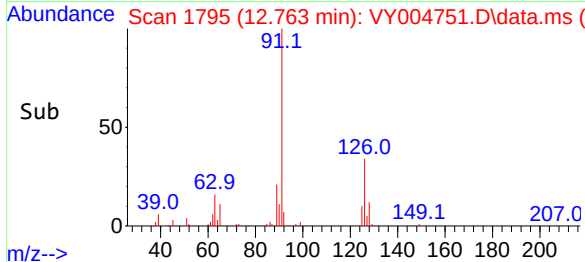
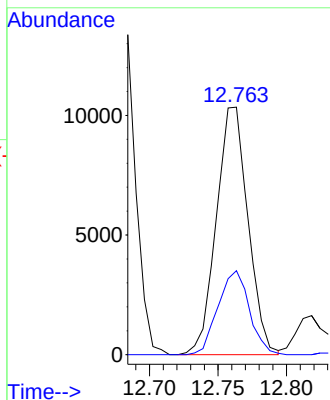
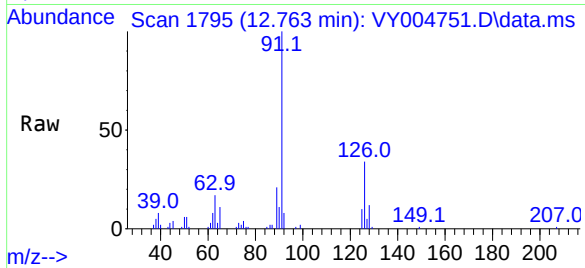
#79
2-Chlorotoluene
Concen: 2.60 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion: 91 Resp: 16677
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

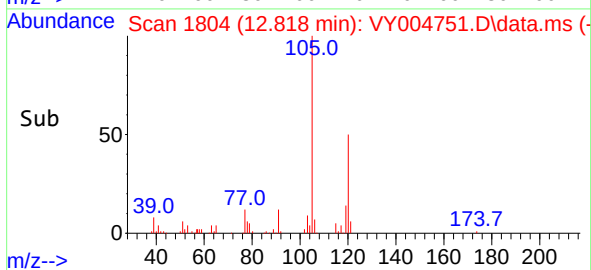
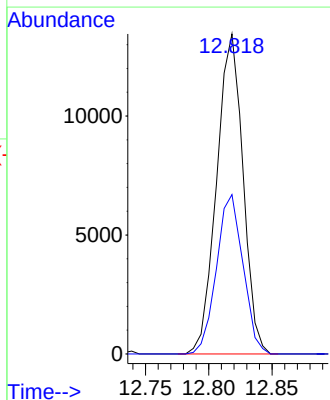
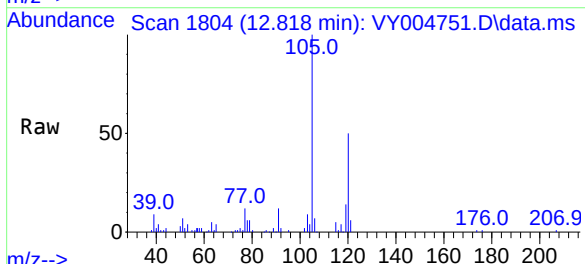
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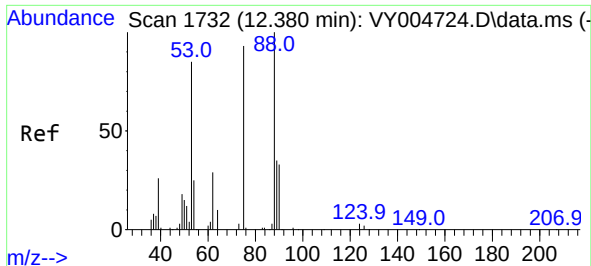
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#80
1,3,5-Trimethylbenzene
Concen: 2.45 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

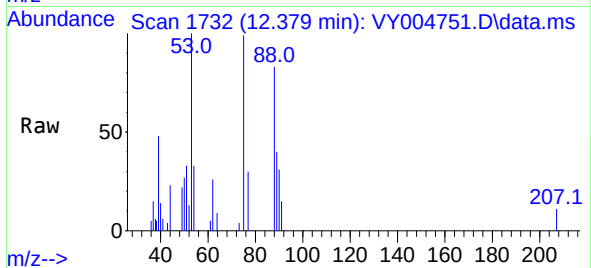
Tgt Ion: 105 Resp: 19469
Ion Ratio Lower Upper
105 100
120 50.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 2.71 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

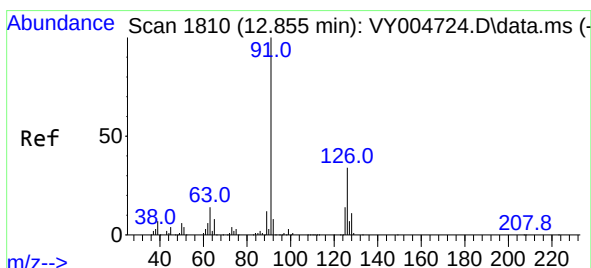
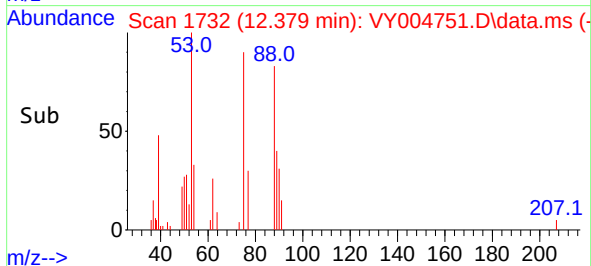
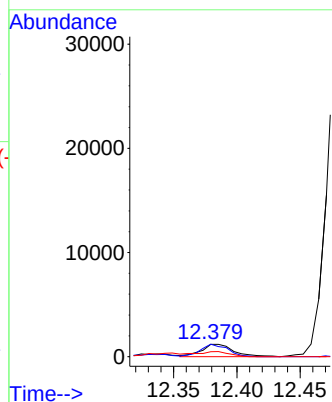
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.2	73.9	110.9
89	37.5	35.5	53.3

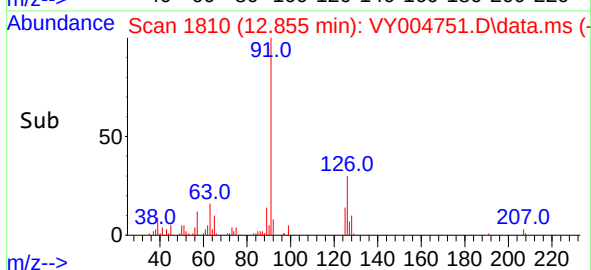
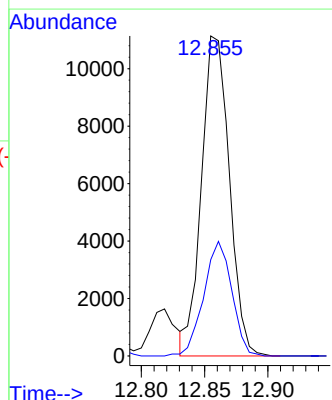
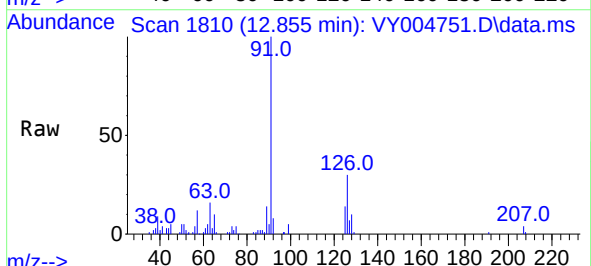
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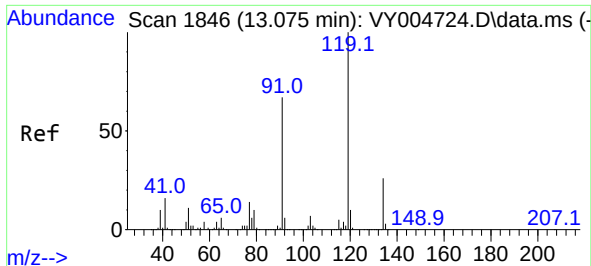
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#82
4-Chlorotoluene
Concen: 2.57 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

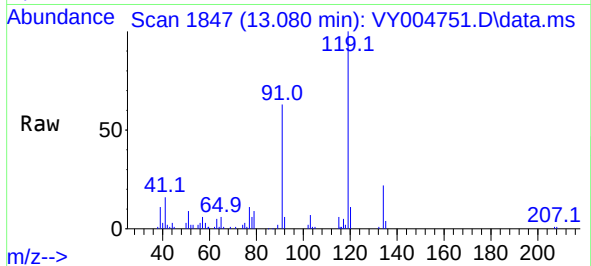
Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.1	16.8	50.3





#83
tert-Butylbenzene
Concen: 2.54 ug/l
RT: 13.080 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

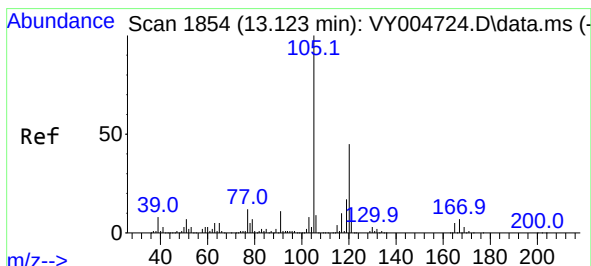
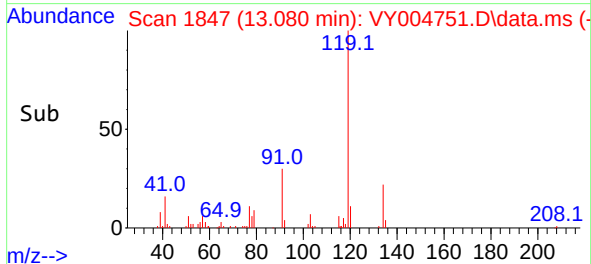
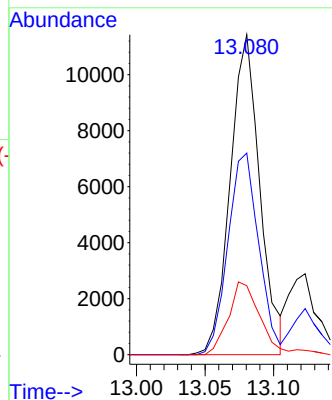
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:119 Resp: 17223
Ion Ratio Lower Upper
119 100
91 65.4 32.3 96.8
134 24.8 12.9 38.7

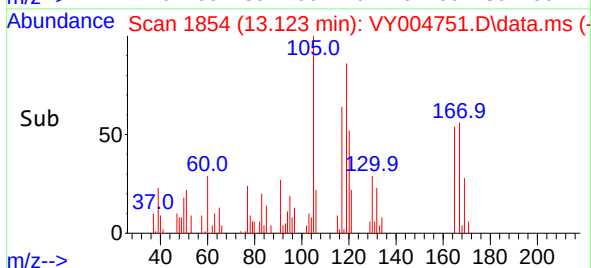
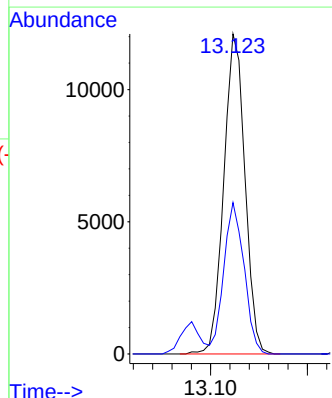
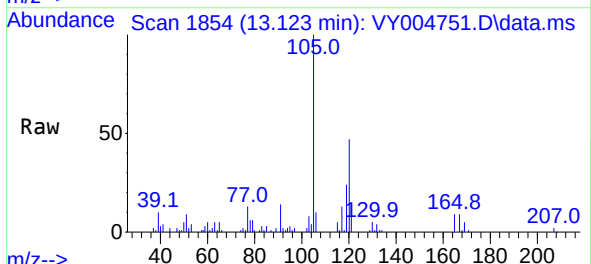
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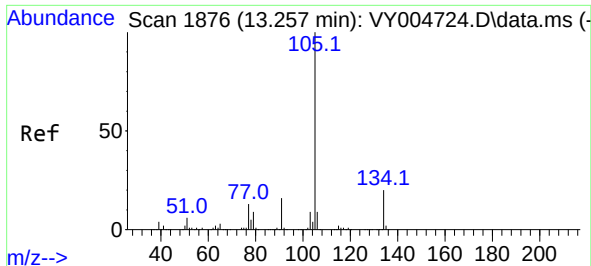
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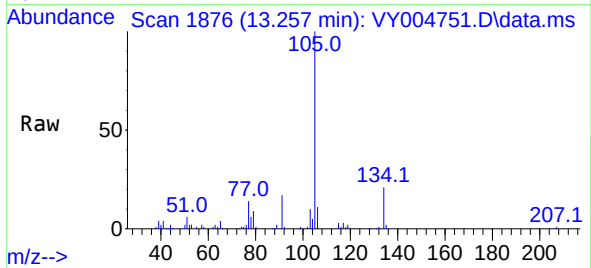
#84
1,2,4-Trimethylbenzene
Concen: 2.31 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:105 Resp: 18345
Ion Ratio Lower Upper
105 100
120 45.3 22.5 67.5

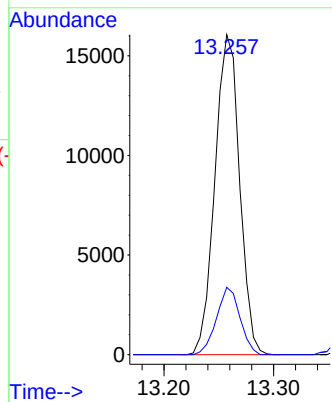




#85
sec-Butylbenzene
Concen: 2.55 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



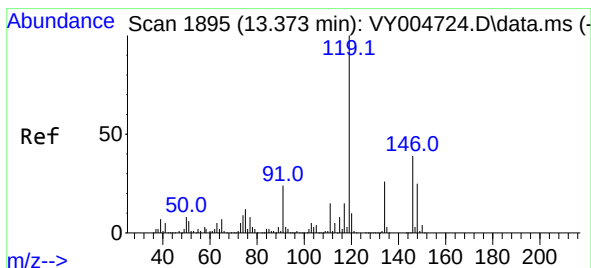
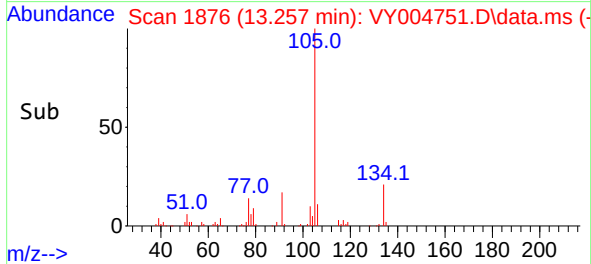
Tgt Ion:105 Resp: 25100
Ion Ratio Lower Upper
105 100
134 20.0 10.0 29.8



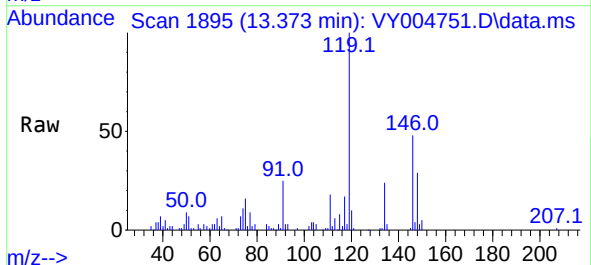
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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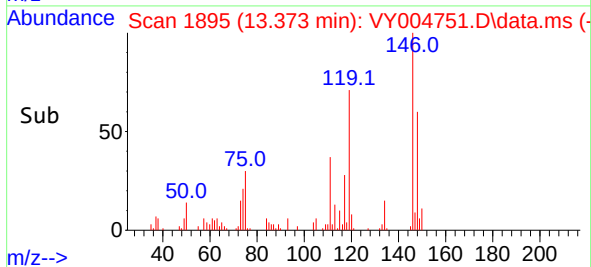
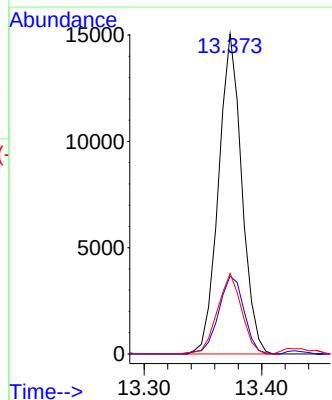
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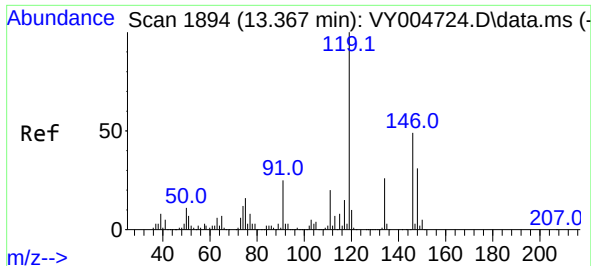


#86
p-Isopropyltoluene
Concen: 2.42 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



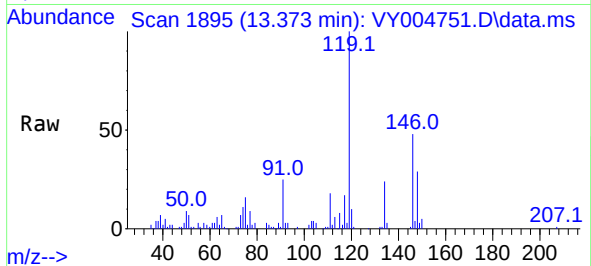
Tgt Ion:119 Resp: 20685
Ion Ratio Lower Upper
119 100
134 26.6 12.9 38.7
91 26.2 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 2.78 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

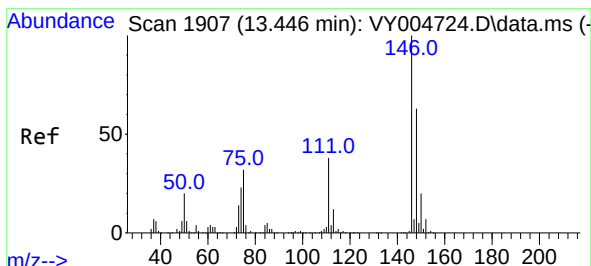
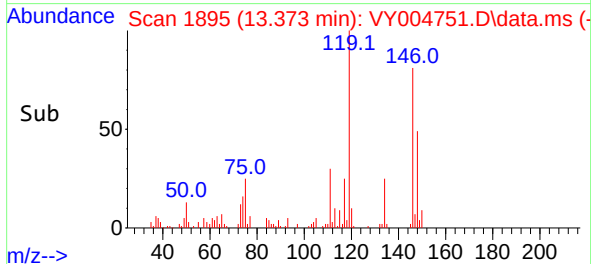
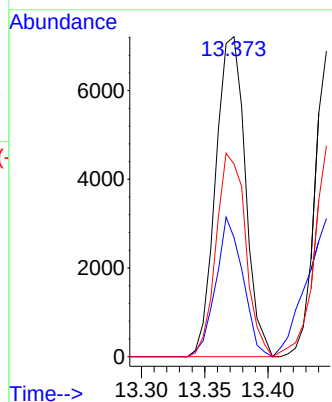
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



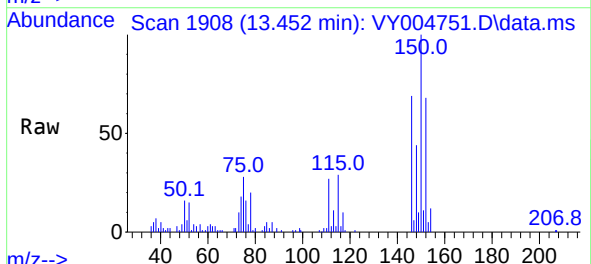
Tgt Ion:146 Resp: 11762
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 63.2 31.9 95.7

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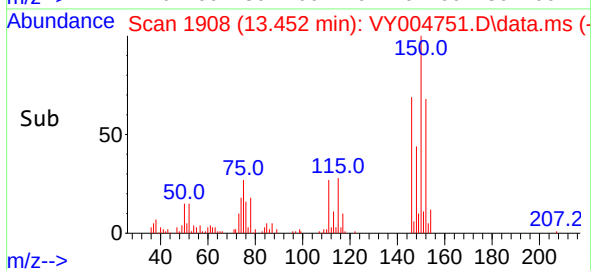
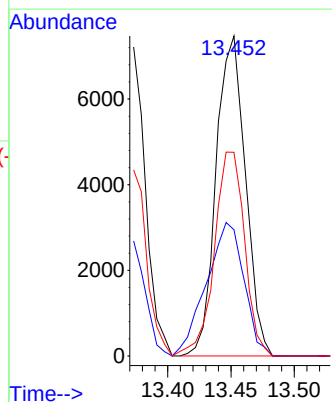
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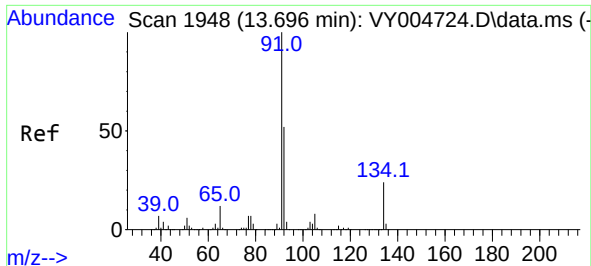


#88
1,4-Dichlorobenzene
Concen: 2.88 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



Tgt Ion:146 Resp: 12040
Ion Ratio Lower Upper
146 100
111 53.5 19.6 58.8
148 65.8 31.9 95.5





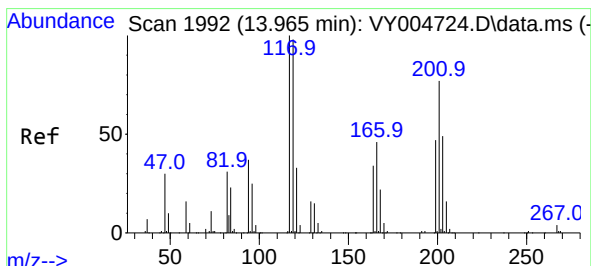
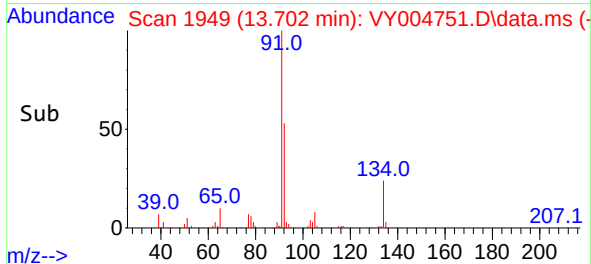
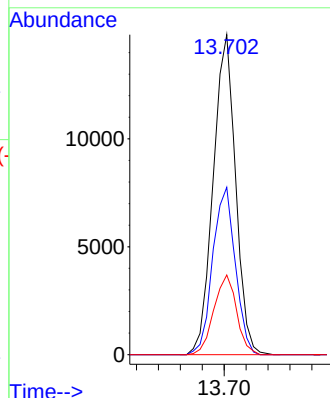
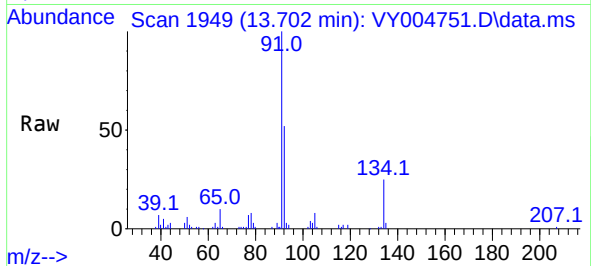
#89
n-Butylbenzene
Concen: 2.52 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion:	91	Resp:	21055
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	25.3	12.6	37.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

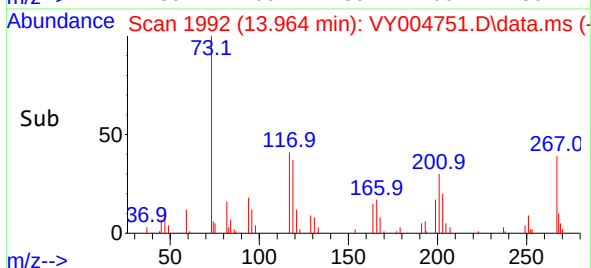
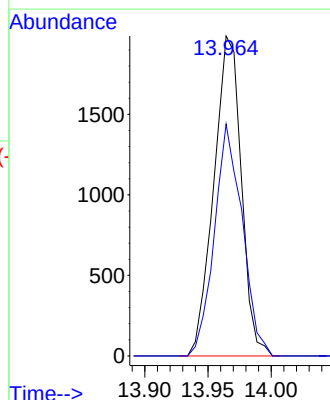
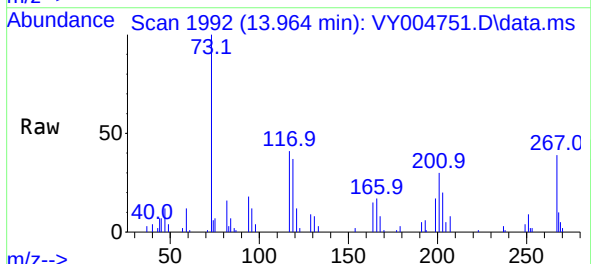
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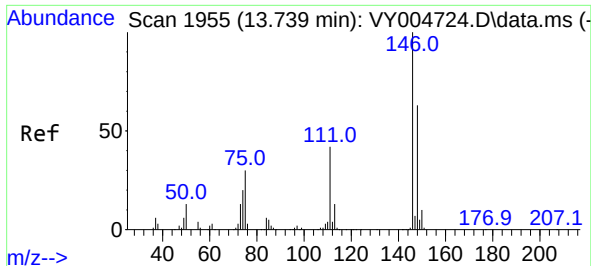
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#90
Hexachloroethane
Concen: 2.49 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

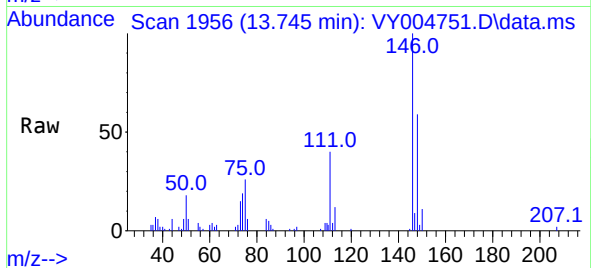
Tgt Ion:	117	Resp:	3003
Ion	Ratio	Lower	Upper
117	100		
201	73.5	35.9	107.8





#91
1,2-Dichlorobenzene
Concen: 2.74 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

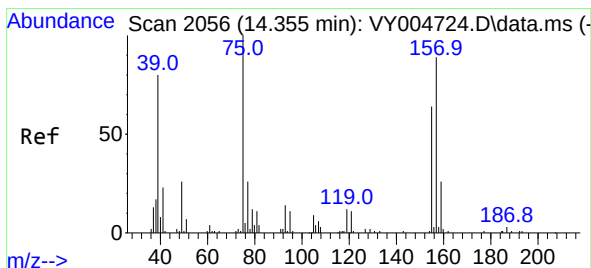
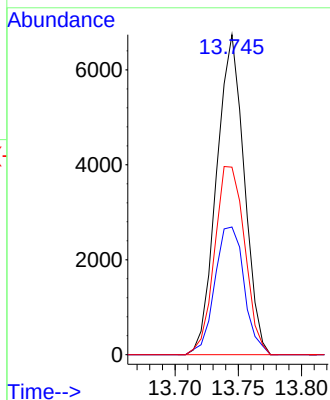
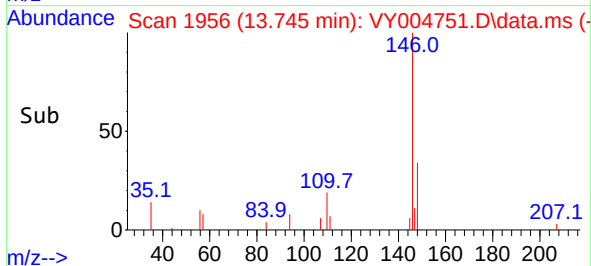
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



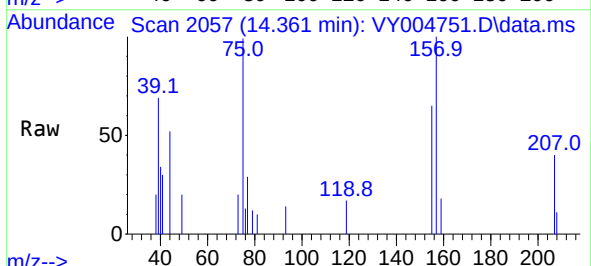
Tgt Ion:146 Resp: 10225
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.7
148 64.2 31.8 95.3

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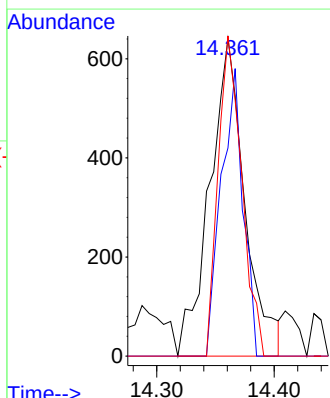
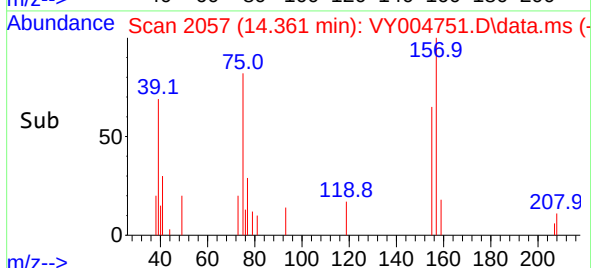
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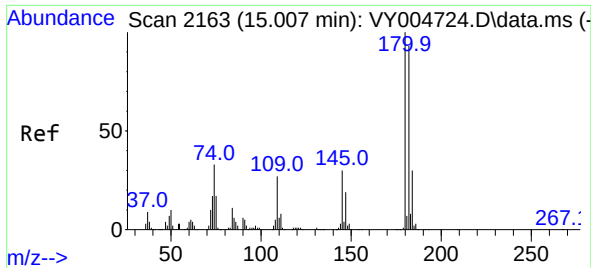


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.73 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



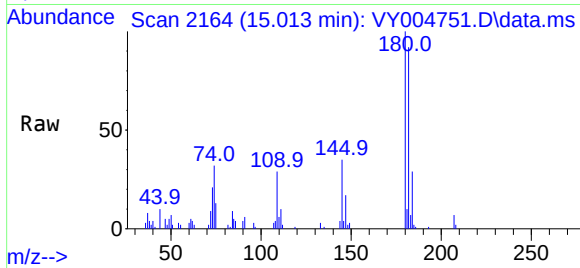
Tgt Ion: 75 Resp: 1331
Ion Ratio Lower Upper
75 100
155 56.4 39.0 117.0
157 67.8 50.2 150.7





#93
1,2,4-Trichlorobenzene
Concen: 2.82 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

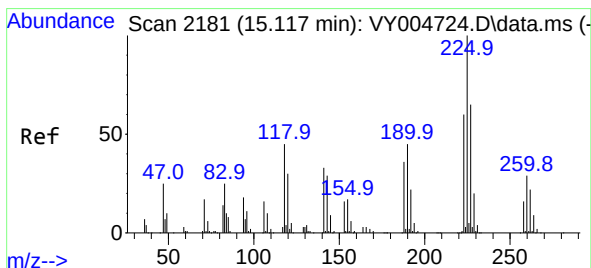
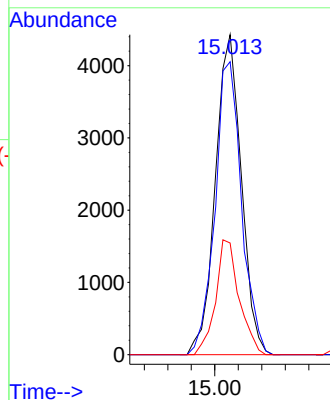
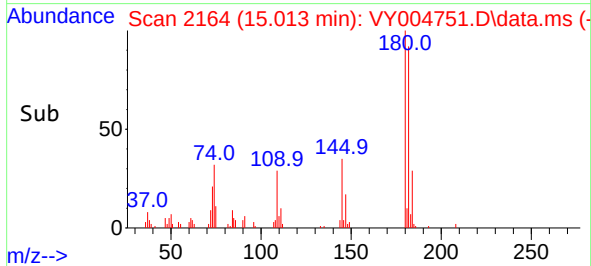
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



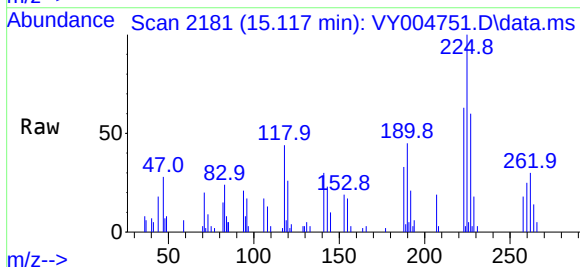
Tgt Ion:180 Resp: 6794
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.8
145 32.6 15.4 46.4

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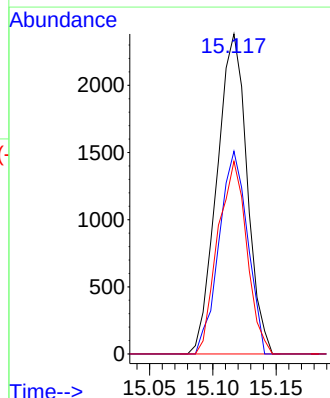
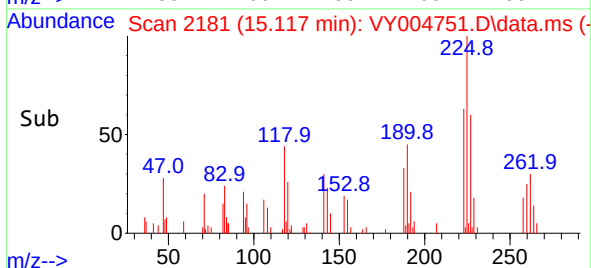
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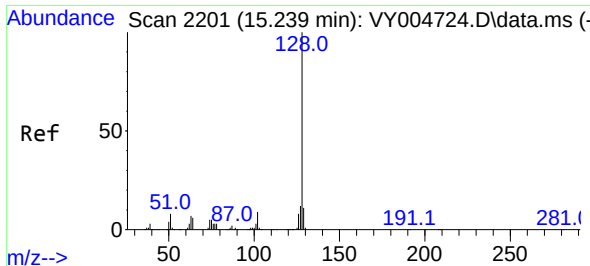


#94
Hexachlorobutadiene
Concen: 3.02 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21



Tgt Ion:225 Resp: 3945
Ion Ratio Lower Upper
225 100
223 60.0 31.1 93.3
227 58.0 31.3 93.9





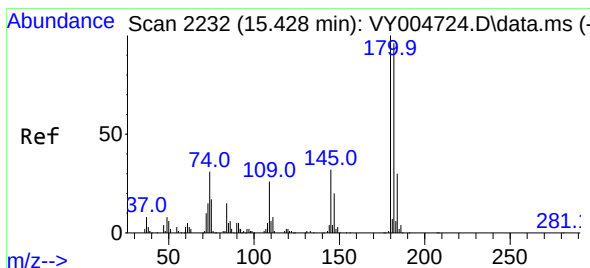
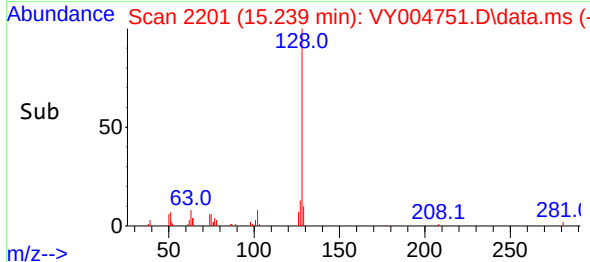
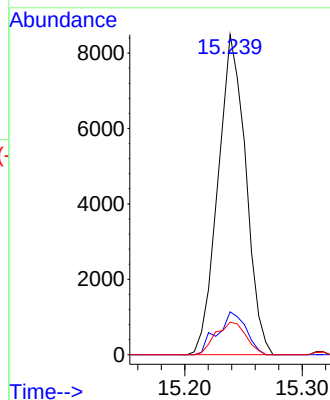
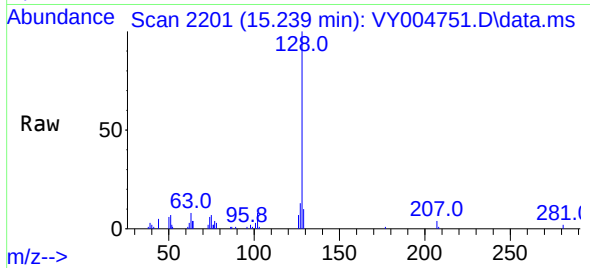
#95
Naphthalene
Concen: 2.68 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	11.1	8.6	13.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:08:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.04 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004751.D
Acq: 12 May 2021 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	86.8	47.9	143.7
145	31.6	16.3	48.8

