

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
 Data File : VY004752.D
 Acq On : 12 May 2021 12:44
 Operator : SY/MD
 Sample : M2262-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 13 01:16:06 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	183162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	293598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	266143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	109146	50.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.12%			
35) Dibromofluoromethane	7.728	113	90656	56.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.80%			
50) Toluene-d8	10.185	98	365671	50.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.72%			
62) 4-Bromofluorobenzene	12.483	95	116947	47.72	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	6357	3.79	ug/l	98
3) Chloromethane	2.119	50	10239	3.77	ug/l	94
4) Vinyl Chloride	2.260	62	10610	3.81	ug/l	96
5) Bromomethane	2.662	94	6037	4.26	ug/l	85
6) Chloroethane	2.808	64	6417	3.91	ug/l #	87
7) Trichlorofluoromethane	3.137	101	13377	4.05	ug/l	90
8) Diethyl Ether	3.540	74	4672	4.00	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.912	101	7795	4.16	ug/l	97
10) Methyl Iodide	4.101	142	9033	4.51	ug/l	98
11) Tert butyl alcohol	4.979	59	5647	25.77	ug/l #	91
12) 1,1-Dichloroethene	3.893	96	6957	3.84	ug/l	97
13) Acrolein	3.747	56	4708	18.28	ug/l	98
14) Allyl chloride	4.491	41	13572	3.84	ug/l	96
15) Acrylonitrile	5.186	53	11087	18.96	ug/l	98
16) Acetone	3.960	43	10696	21.84	ug/l	92
17) Carbon Disulfide	4.210	76	23464	4.24	ug/l	96
18) Methyl Acetate	4.497	43	6925	4.43	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	18860	3.79	ug/l	97
20) Methylene Chloride	4.735	84	26915	8.58	ug/l	94
21) trans-1,2-Dichloroethene	5.235	96	8404	4.09	ug/l	98
22) Diisopropyl ether	6.137	45	25663	3.77	ug/l	94
23) Vinyl Acetate	6.082	43	88944	17.40	ug/l	96
24) 1,1-Dichloroethane	6.033	63	15038	3.93	ug/l	98
25) 2-Butanone	7.009	43	15639	17.98	ug/l	98
26) 2,2-Dichloropropane	7.003	77	12728	3.81	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	8720	3.82	ug/l	95
28) Bromochloromethane	7.344	49	7736	4.14	ug/l	98
29) Tetrahydrofuran	7.374	42	10196	18.37	ug/l	98
30) Chloroform	7.527	83	15215	4.03	ug/l	92
31) Cyclohexane	7.801	56	16741	4.74	ug/l #	76
32) 1,1,1-Trichloroethane	7.716	97	13429	3.97	ug/l	96
36) 1,1-Dichloropropene	7.929	75	12169	4.04	ug/l	99
37) Ethyl Acetate	7.088	43	9075	4.40	ug/l #	97
38) Carbon Tetrachloride	7.917	117	9944	3.68	ug/l	88
39) Methylcyclohexane	9.191	83	12776	3.89	ug/l	94
40) Benzene	8.173	78	34244	4.03	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	3962	3.52	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	10751	4.00	ug/l	100
43) Isopropyl Acetate	8.283	43	14470	3.78	ug/l	99
44) Trichloroethene	8.947	130	9296	4.07	ug/l	93
45) 1,2-Dichloropropane	9.228	63	8930	4.01	ug/l	89
46) Dibromomethane	9.313	93	4851	3.92	ug/l	96
47) Bromodichloromethane	9.508	83	11360	3.87	ug/l	94
48) Methyl methacrylate	9.301	41	6154	3.53	ug/l	97
49) 1,4-Dioxane	9.307	88	975	66.91	ug/l #	84
51) 4-Methyl-2-Pentanone	10.081	43	37714	18.31	ug/l	99
52) Toluene	10.252	92	21458	4.00	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	12726	3.91	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	14032	3.88	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	6863	4.03	ug/l	96
56) Ethyl methacrylate	10.514	69	8399	3.41	ug/l	97
57) 1,3-Dichloropropane	10.795	76	11578	3.82	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	21720	17.08	ug/l	98
59) 2-Hexanone	10.837	43	24344	17.44	ug/l	98
60) Dibromochloromethane	10.996	129	7571	3.74	ug/l	96
61) 1,2-Dibromoethane	11.093	107	6189	3.77	ug/l	98
64) Tetrachloroethene	10.728	164	9672	4.02	ug/l	93
65) Chlorobenzene	11.520	112	22391	4.09	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	7548	3.79	ug/l	94
67) Ethyl Benzene	11.599	91	38815	3.81	ug/l	98
68) m/p-Xylenes	11.709	106	28383	7.42	ug/l	96
69) o-Xylene	12.038	106	13060	3.65	ug/l	99
70) Styrene	12.050	104	21379	3.57	ug/l	100
71) Bromoform	12.215	173	4561	3.78	ug/l #	98
73) Isopropylbenzene	12.331	105	36163	3.91	ug/l	100
74) N-amyl acetate	12.148	43	11591	3.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	7373	3.99	ug/l	96
76) 1,2,3-Trichloropropane	12.642	75	5994m	4.60	ug/l	
77) Bromobenzene	12.611	156	8462	4.05	ug/l	100
78) n-propylbenzene	12.678	91	45404	4.02	ug/l	98
79) 2-Chlorotoluene	12.764	91	25276	4.08	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	29955	3.90	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	2890	3.84	ug/l	96
82) 4-Chlorotoluene	12.861	91	25761	4.00	ug/l	99
83) tert-Butylbenzene	13.081	119	25562	3.89	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	28938	3.76	ug/l	99
85) sec-Butylbenzene	13.258	105	37612	3.94	ug/l	98
86) p-Isopropyltoluene	13.373	119	31967	3.86	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	16557	4.04	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	17534	4.34	ug/l	96
89) n-Butylbenzene	13.703	91	31103	3.85	ug/l	100
90) Hexachloroethane	13.965	117	4967	4.26	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	14847	4.10	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1582	4.58	ug/l	83
93) 1,2,4-Trichlorobenzene	15.013	180	9431	4.05	ug/l	97
94) Hexachlorobutadiene	15.111	225	5424	4.30	ug/l	100
95) Naphthalene	15.239	128	18898	3.75	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	8445	4.09	ug/l	95

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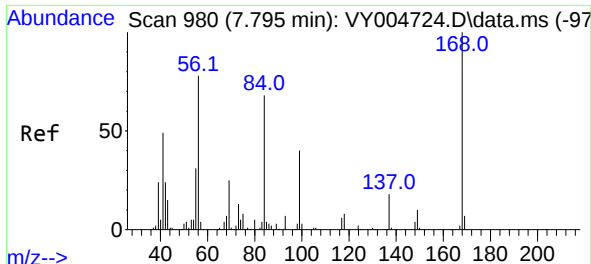
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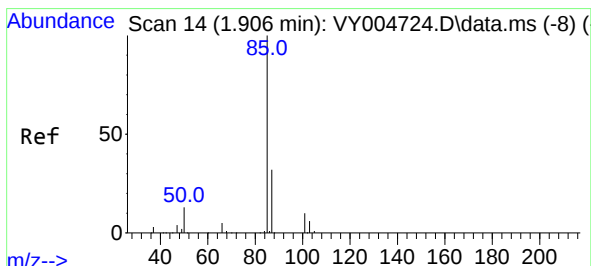
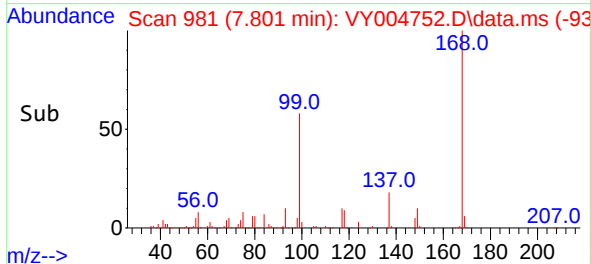
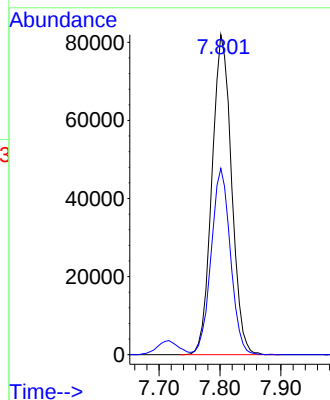
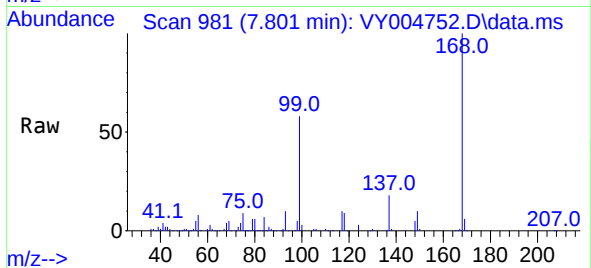
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



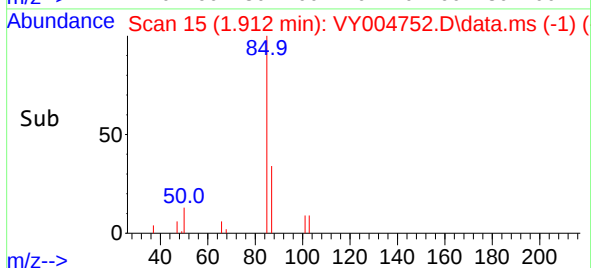
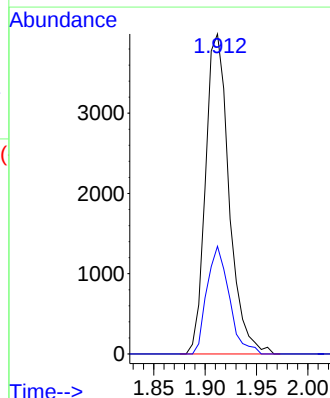
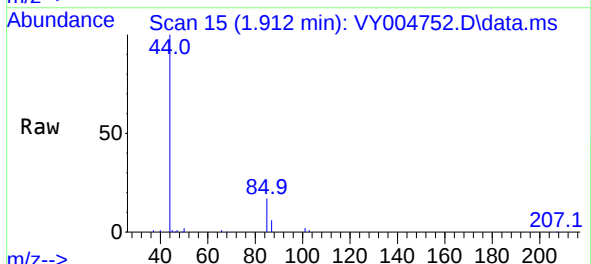
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:168 Resp: 183162
Ion Ratio Lower Upper
168 100
99 58.2 45.6 68.4



#2
Dichlorodifluoromethane
Concen: 3.79 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

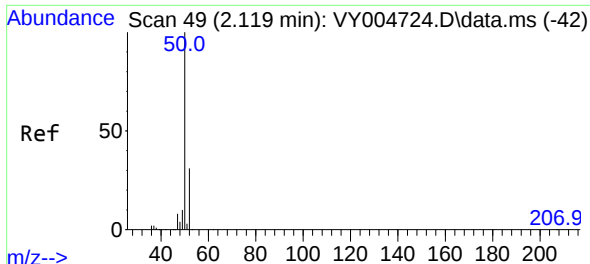
Tgt Ion: 85 Resp: 6357
Ion Ratio Lower Upper
85 100
87 33.6 16.2 48.5



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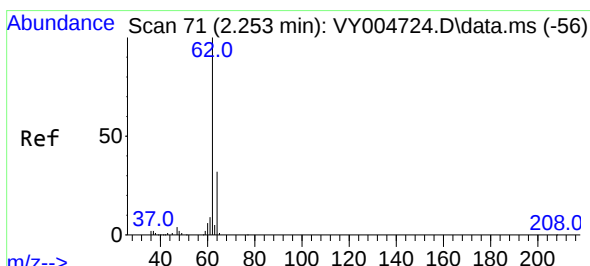
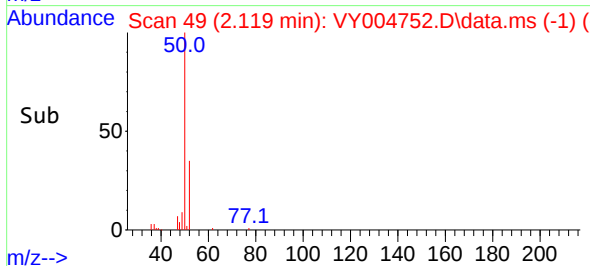
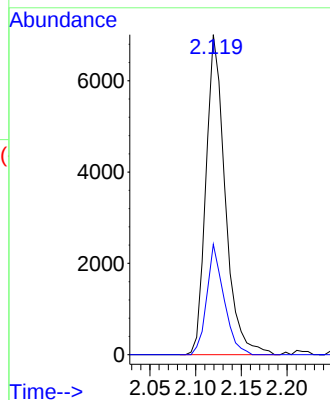
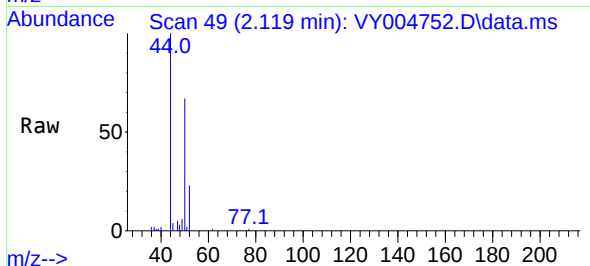
#3
Chloromethane
Concen: 3.77 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 50 Resp: 10239
Ion Ratio Lower Upper
50 100
52 34.5 25.0 37.6

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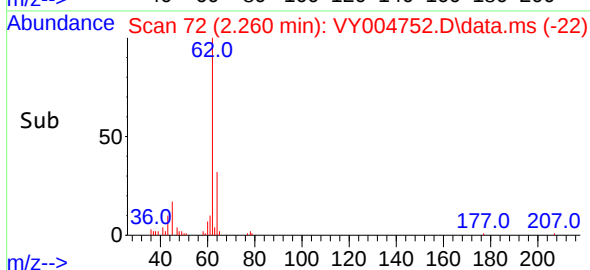
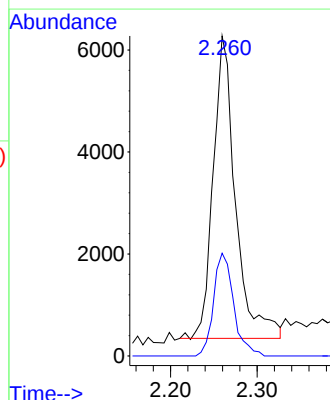
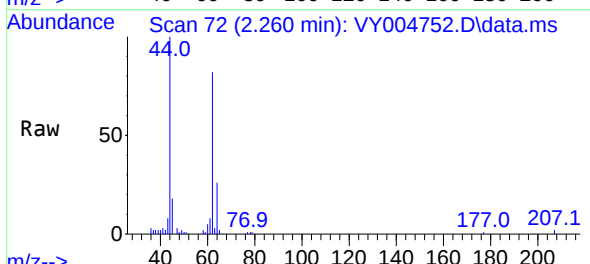
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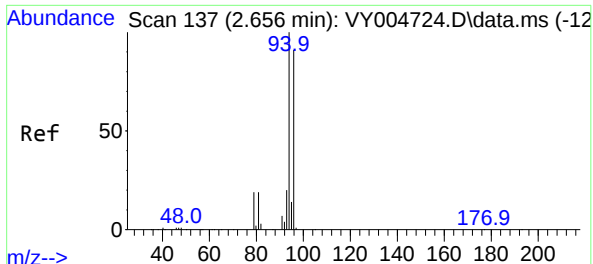
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#4
Vinyl Chloride
Concen: 3.81 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 62 Resp: 10610
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.2





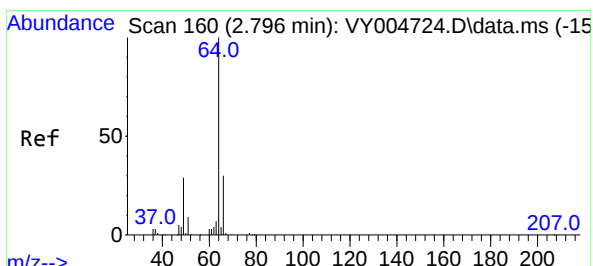
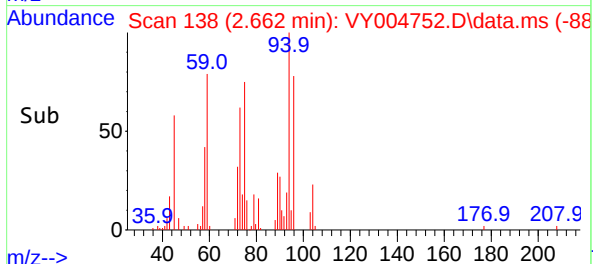
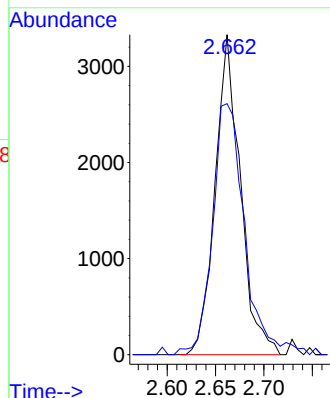
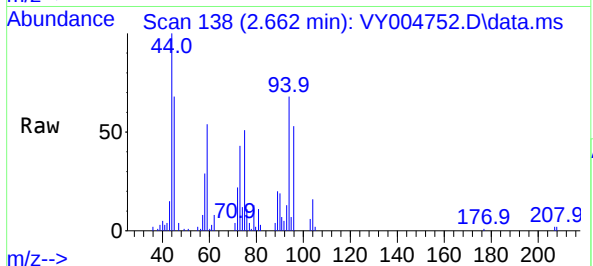
#5
Bromomethane
Concen: 4.26 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 94 Resp: 6037
Ion Ratio Lower Upper
94 100
96 76.6 72.6 109.0

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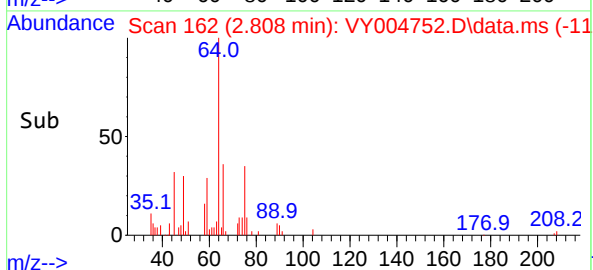
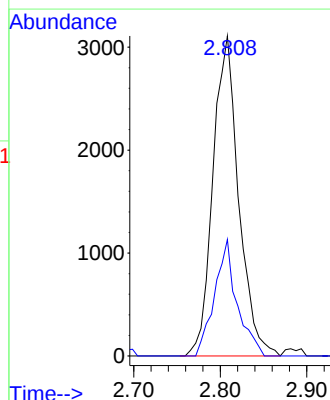
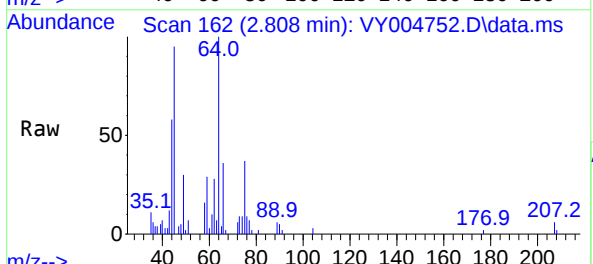
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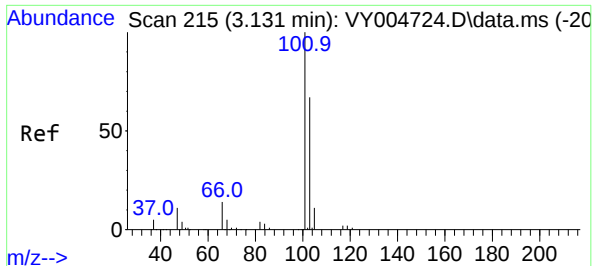
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#6
Chloroethane
Concen: 3.91 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 64 Resp: 6417
Ion Ratio Lower Upper
64 100
66 36.4 23.7 35.5#





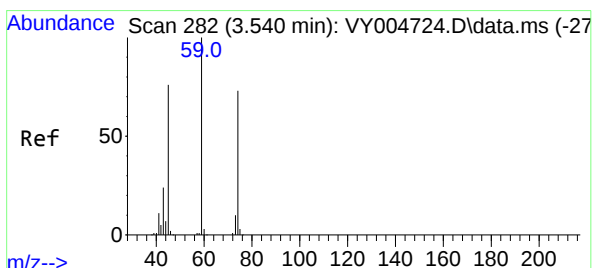
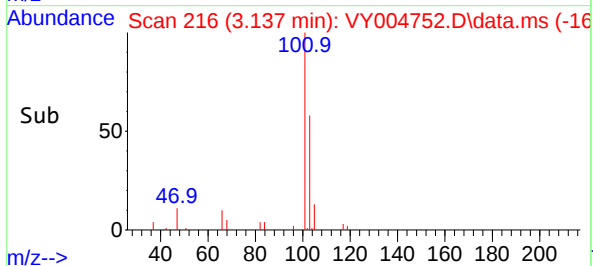
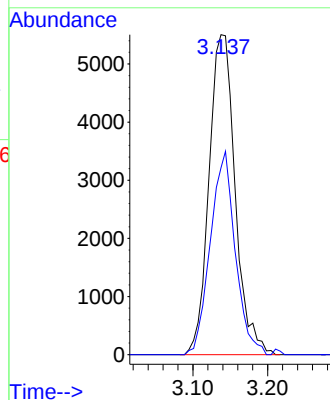
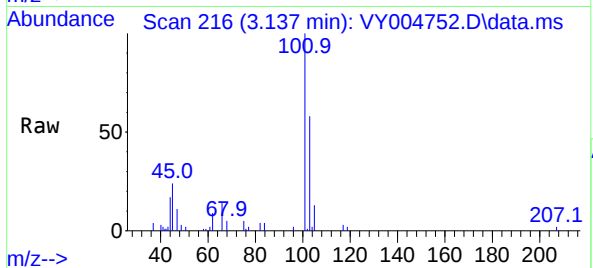
#7
Trichlorofluoromethane
Concen: 4.05 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:101 Resp: 13377
Ion Ratio Lower Upper
101 100
103 58.4 53.4 80.2

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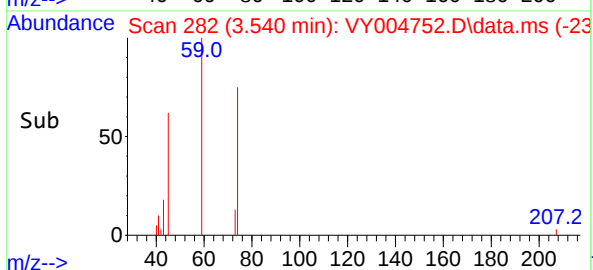
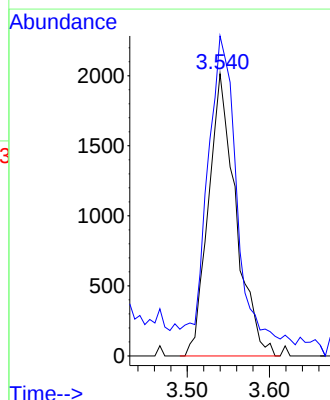
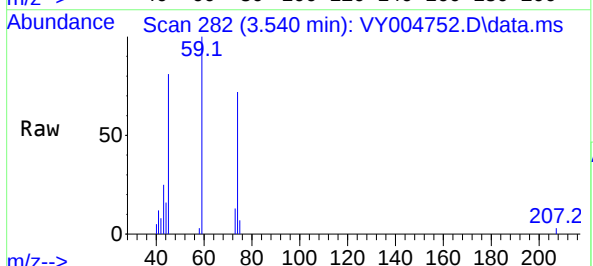
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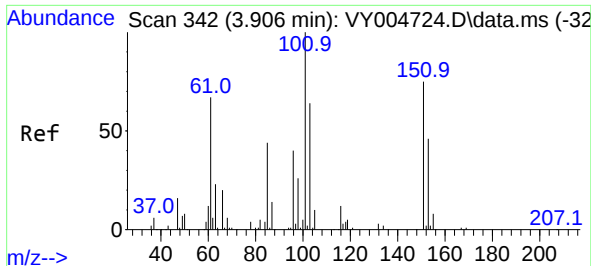
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#8
Diethyl Ether
Concen: 4.00 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 74 Resp: 4672
Ion Ratio Lower Upper
74 100
45 114.1 53.9 161.8





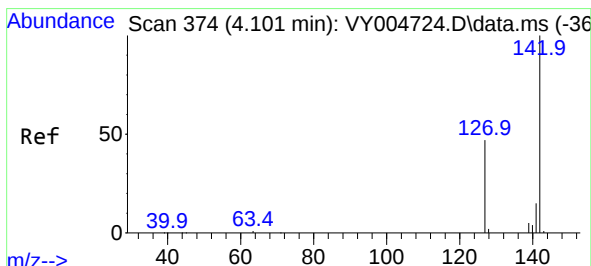
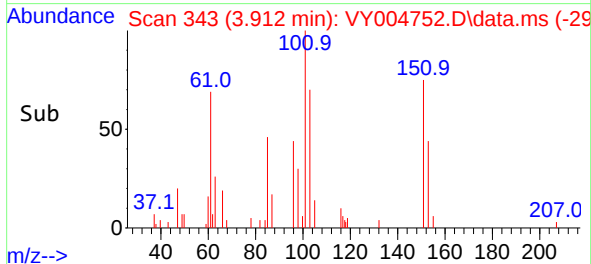
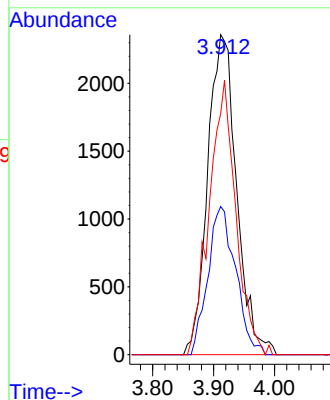
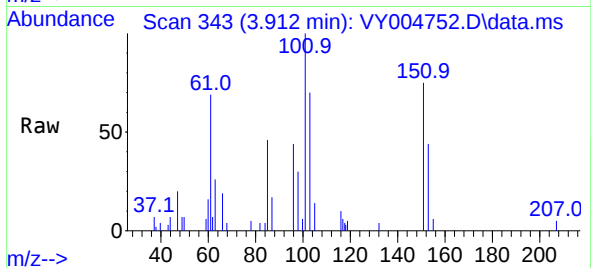
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1,1,2-Trichlorotrifluoroethane
Concen: 4.16 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	101	Resp:	7795
Ion	Ratio	Lower	Upper
101	100		
85	44.3	38.2	57.4
151	78.4	61.4	92.0

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

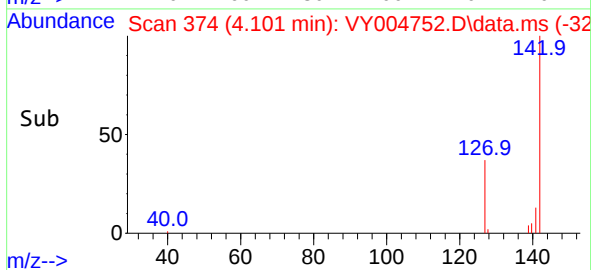
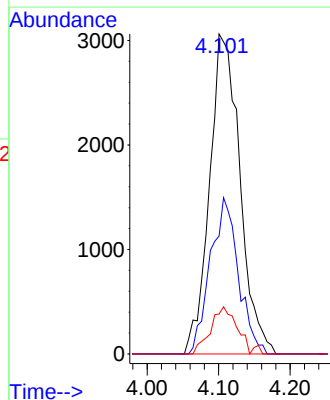
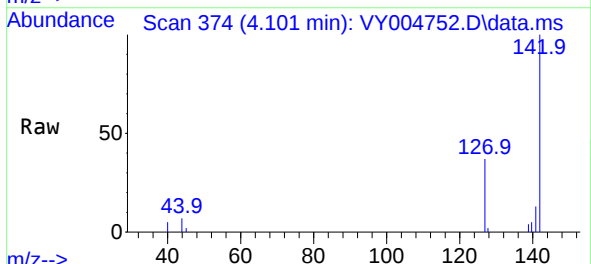
Manual Integrations
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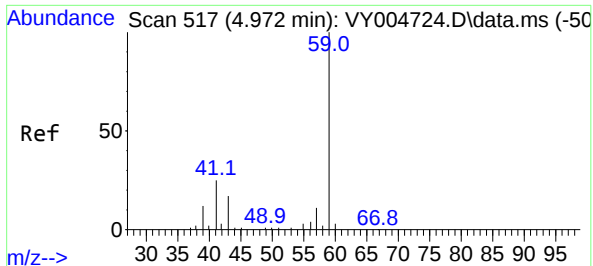
MMDadoda
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#10
Methyl Iodide
Concen: 4.51 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	142	Resp:	9033
Ion	Ratio	Lower	Upper
142	100		
127	45.1	37.1	55.7
141	13.2	11.9	17.9





#11

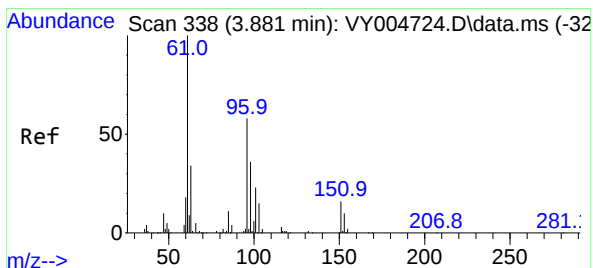
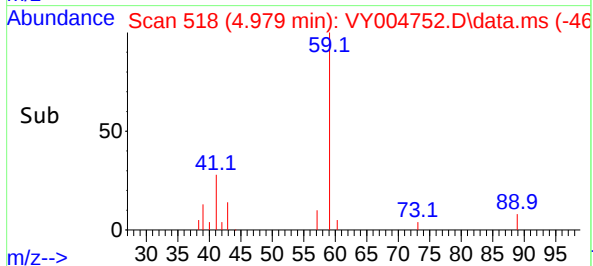
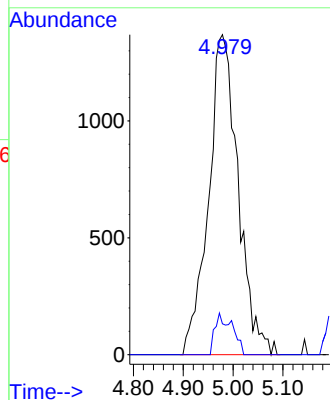
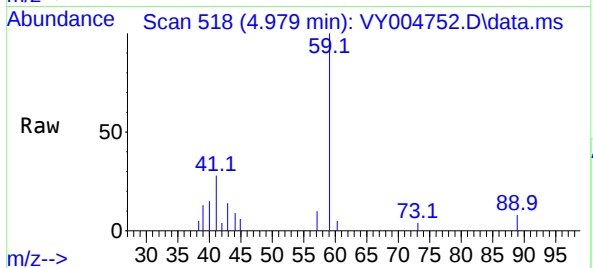
Tert butyl alcohol
Concen: 25.77 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 59 Resp: 5647
Ion Ratio Lower Upper
59 100
57 7.6 8.7 13.1#

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

Manual Integrations
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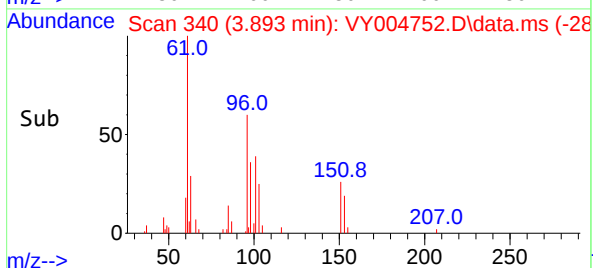
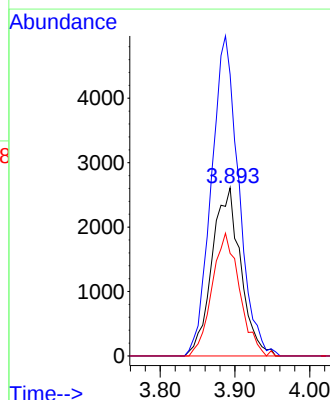
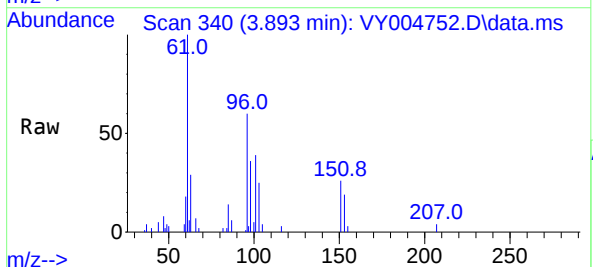
MMDadoda
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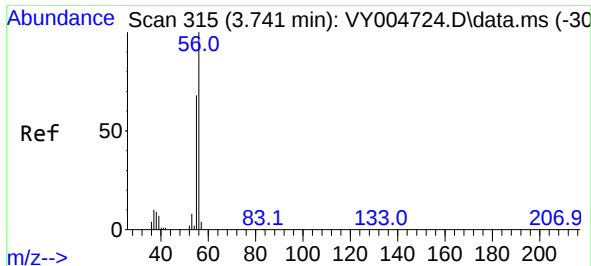


#12

1,1-Dichloroethene
Concen: 3.84 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

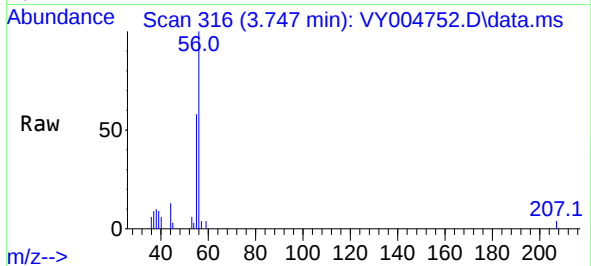
Tgt Ion: 96 Resp: 6957
Ion Ratio Lower Upper
96 100
61 167.4 137.5 206.3
98 61.0 50.2 75.2





#13
Acrolein
Concen: 18.28 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

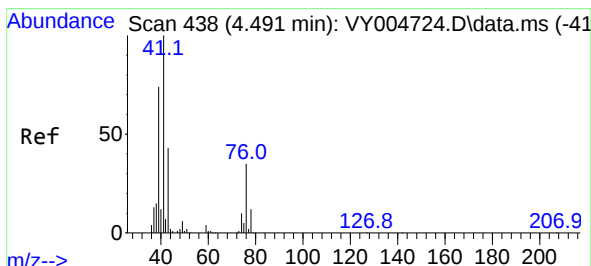
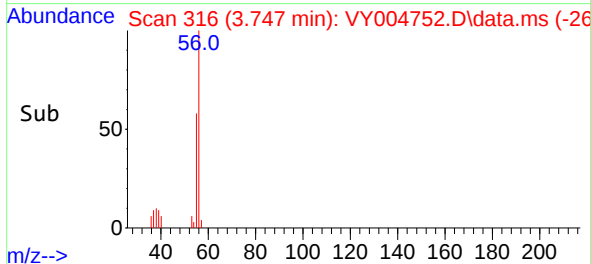
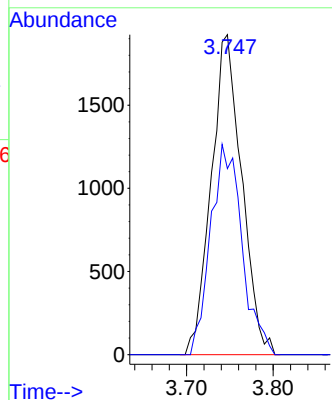
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion: 56 Resp: 4708
Ion Ratio Lower Upper
56 100
55 67.4 55.3 82.9

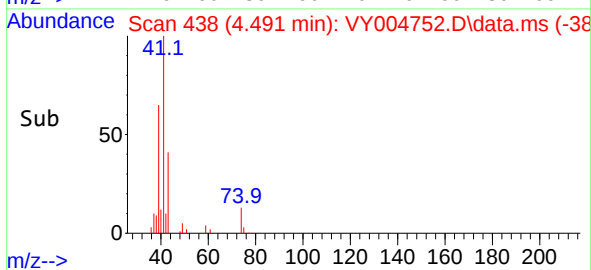
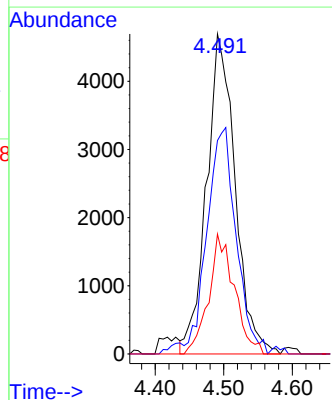
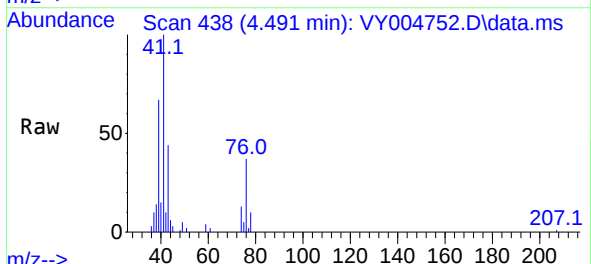
Manual Integrations
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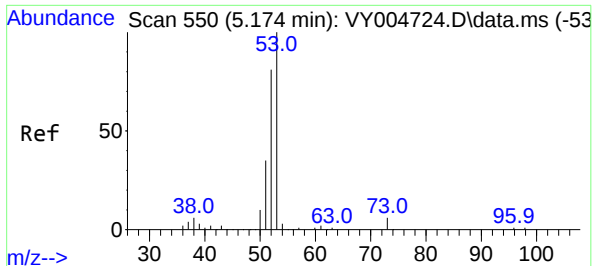
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#14
Allyl chloride
Concen: 3.84 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 41 Resp: 13572
Ion Ratio Lower Upper
41 100
39 73.9 56.1 84.1
76 33.7 26.2 39.4





#15

Acrylonitrile

Concen: 18.96 ug/l

RT: 5.186 min Scan# 552

Delta R.T. 0.012 min

Lab File: VY004752.D

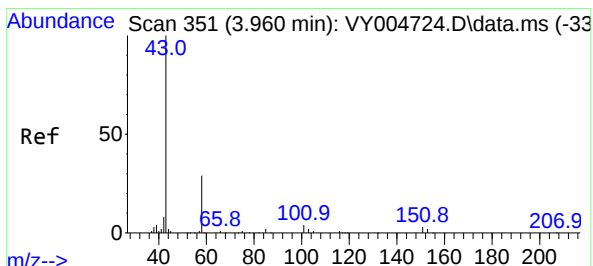
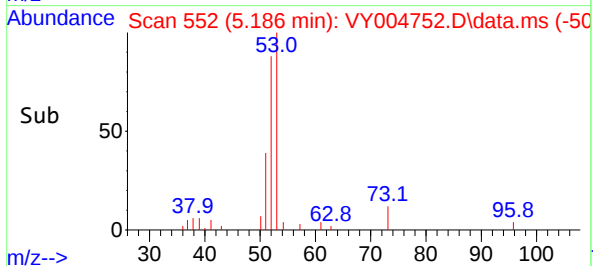
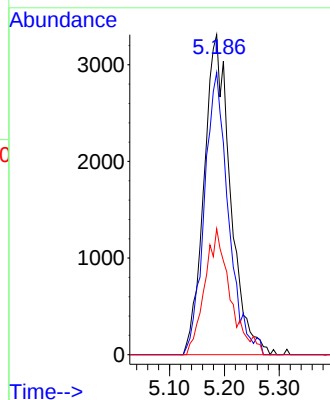
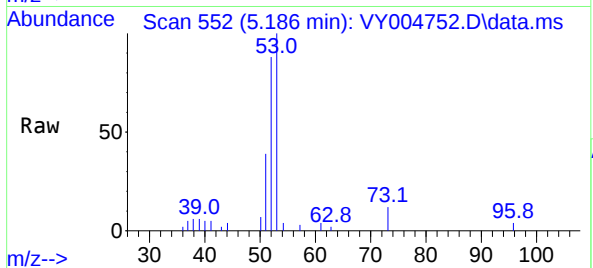
Acq: 12 May 2021 12:44

Tgt Ion:	53	Resp:	11087
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.0	97.6
51	38.1	29.3	43.9

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

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#16

Acetone

Concen: 21.84 ug/l

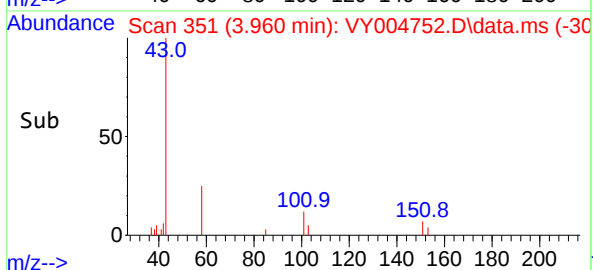
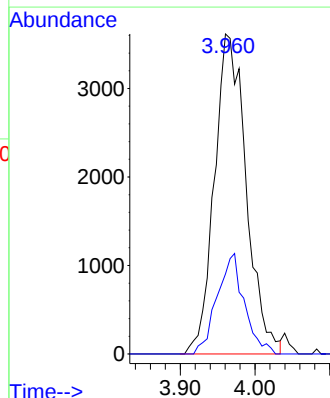
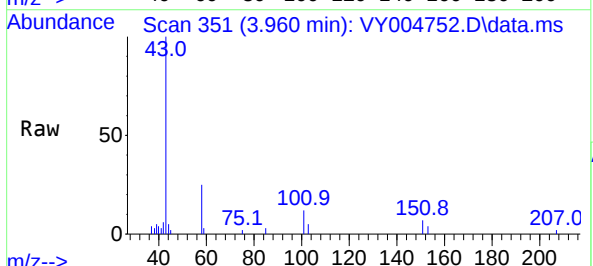
RT: 3.960 min Scan# 351

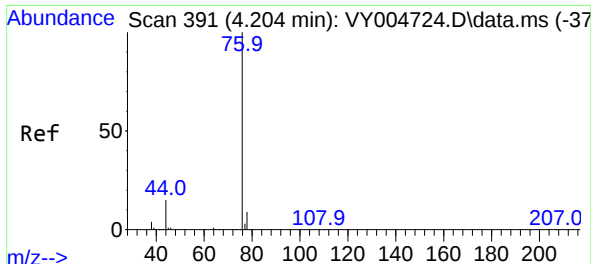
Delta R.T. 0.000 min

Lab File: VY004752.D

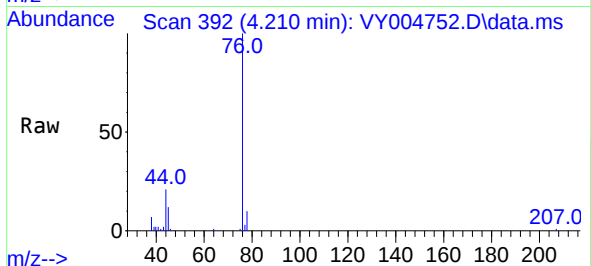
Acq: 12 May 2021 12:44

Tgt Ion:	43	Resp:	10696
Ion	Ratio	Lower	Upper
43	100		
58	25.0	23.6	35.4

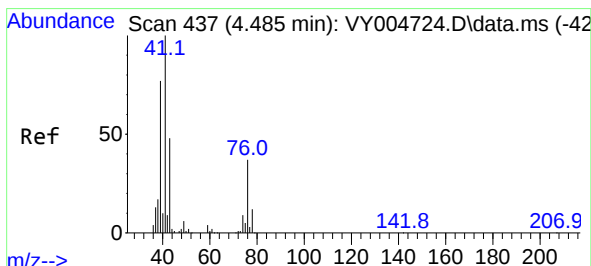
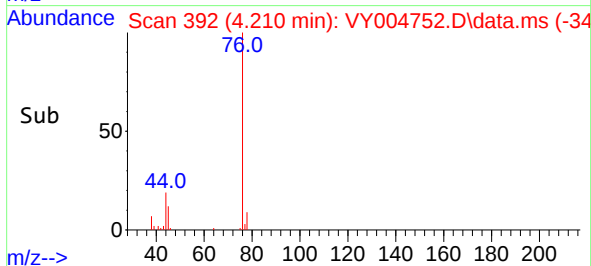
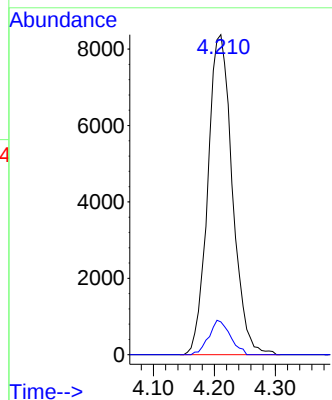




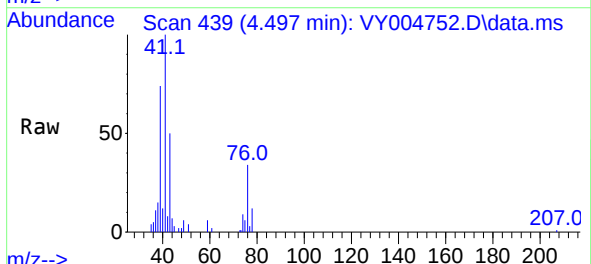
#17
Carbon Disulfide
Concen: 4.24 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



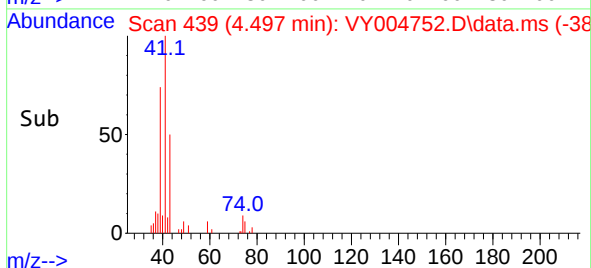
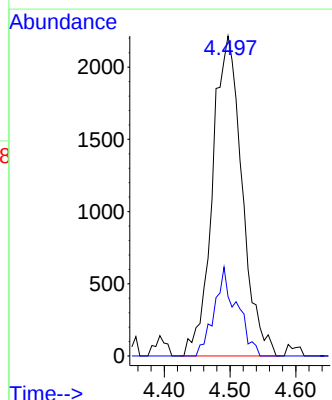
Tgt Ion: 76 Resp: 23464
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8



#18
Methyl Acetate
Concen: 4.43 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



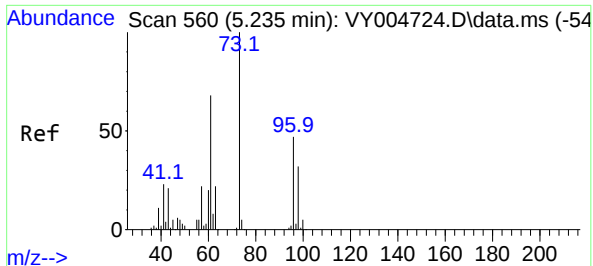
Tgt Ion: 43 Resp: 6925
Ion Ratio Lower Upper
43 100
74 21.4 16.6 24.8



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

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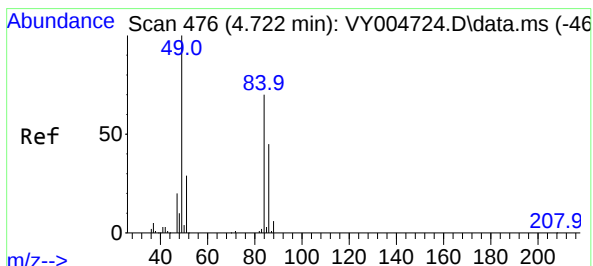
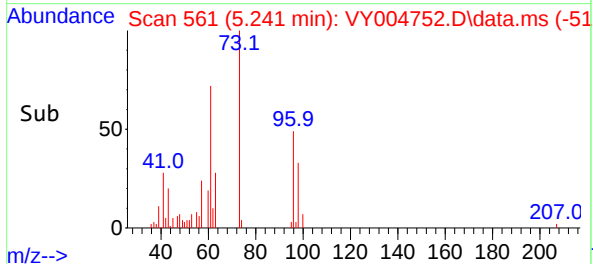
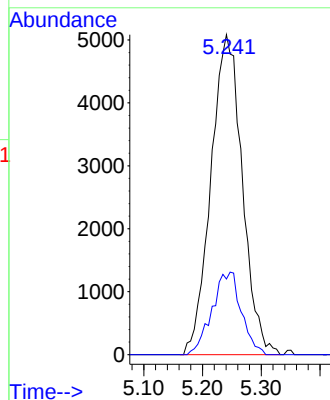
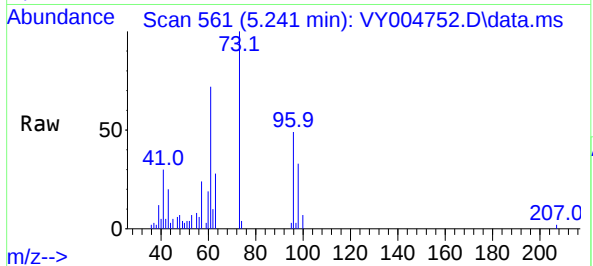
#19
Methyl tert-butyl Ether
Concen: 3.79 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 73 Resp: 18860
Ion Ratio Lower Upper
73 100
57 23.6 17.9 26.9

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

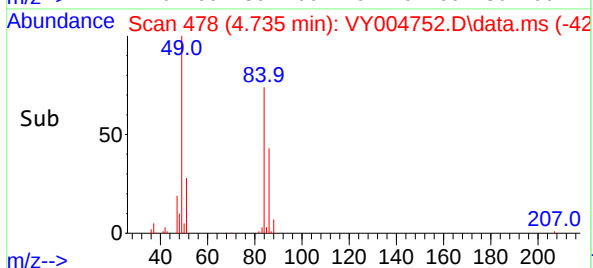
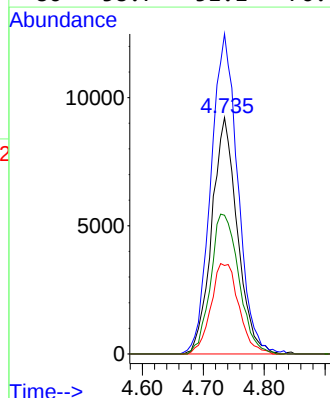
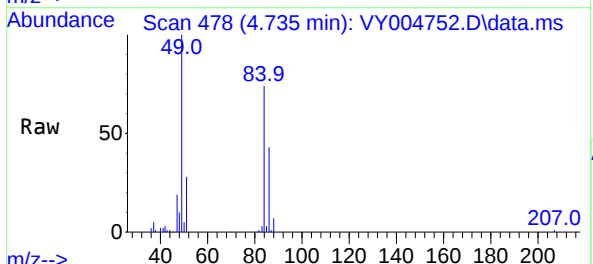
Manual Integrations
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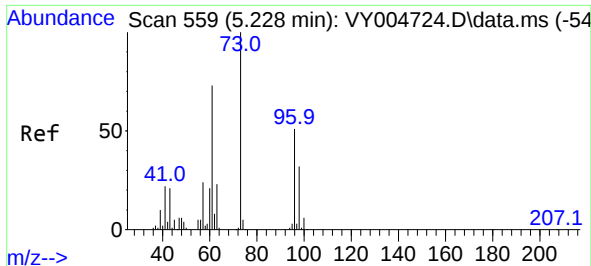
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#20
Methylene Chloride
Concen: 8.58 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

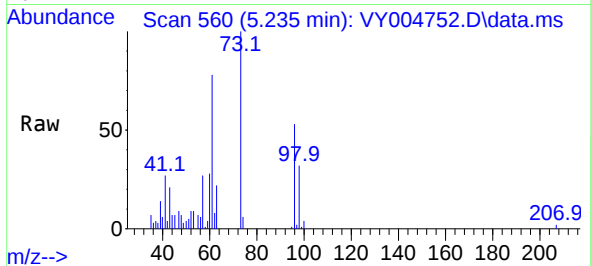
Tgt Ion: 84 Resp: 26915
Ion Ratio Lower Upper
84 100
49 135.4 113.8 170.8
51 37.5 33.5 50.3
86 58.7 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 4.09 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

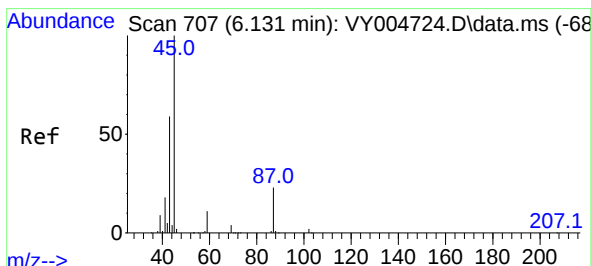
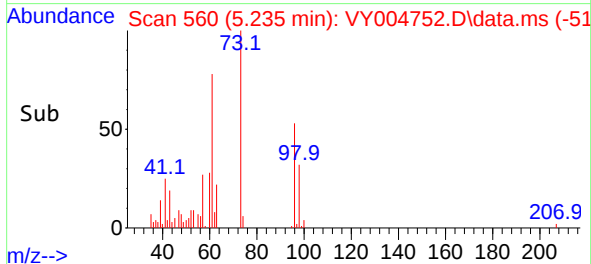
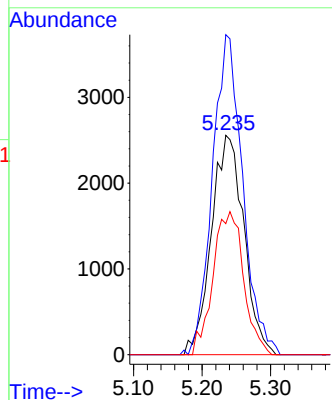
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



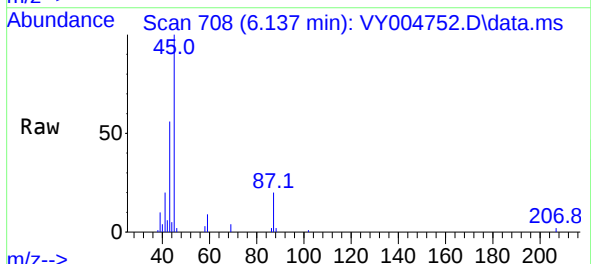
Tgt Ion: 96 Resp: 8404
Ion Ratio Lower Upper
96 100
61 145.9 115.5 173.3
98 59.7 50.6 75.8

Manual Integrations
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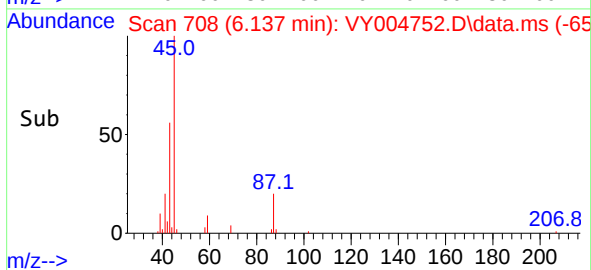
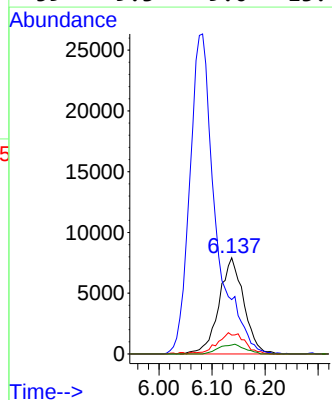
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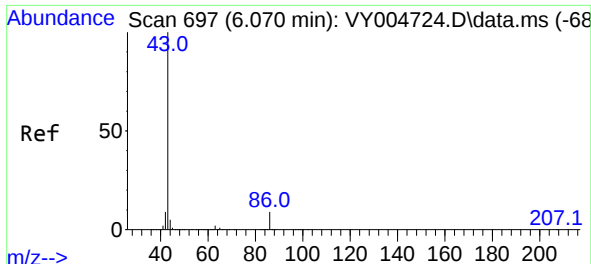


#22
Diisopropyl ether
Concen: 3.77 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



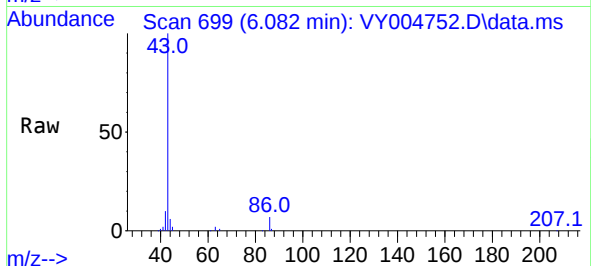
Tgt Ion: 45 Resp: 25663
Ion Ratio Lower Upper
45 100
43 55.7 47.7 71.5
87 19.6 18.9 28.3
59 9.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 17.40 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY004752.D
 Acq: 12 May 2021 12:44

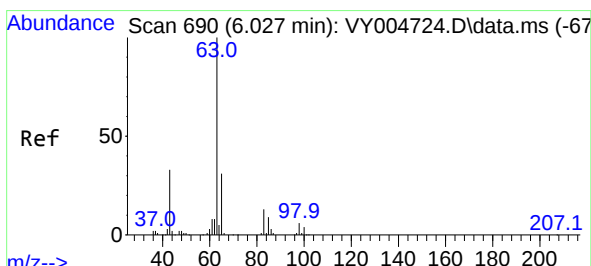
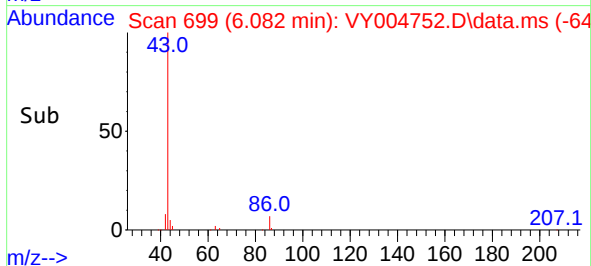
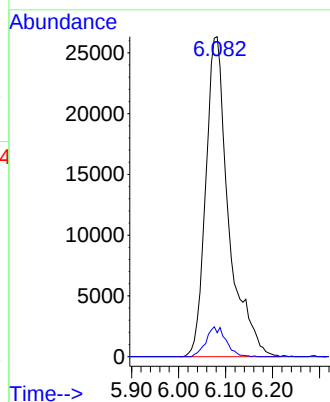
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2021



Tgt Ion: 43 Resp: 88944
 Ion Ratio Lower Upper
 43 100
 86 7.5 7.2 10.8

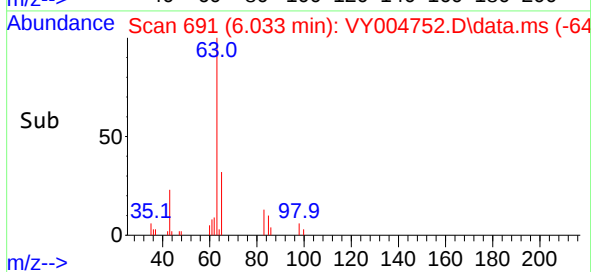
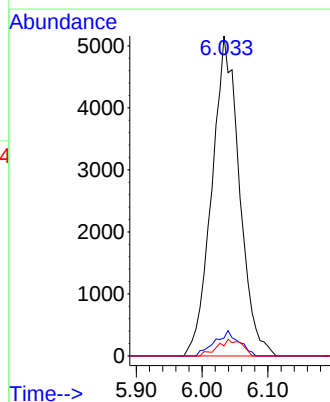
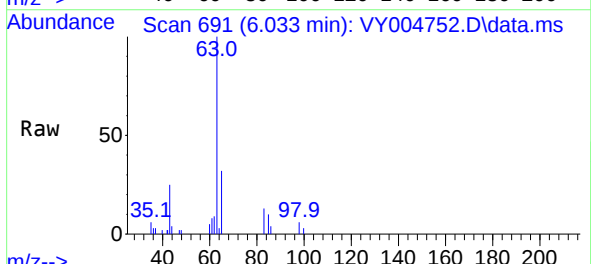
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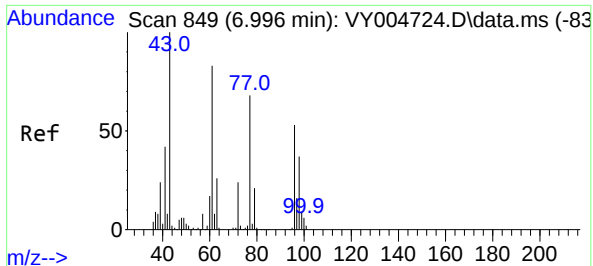
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#24
 1,1-Dichloroethane
 Concen: 3.93 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY004752.D
 Acq: 12 May 2021 12:44

Tgt Ion: 63 Resp: 15038
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.1 9.4
 100 3.1 2.0 6.0





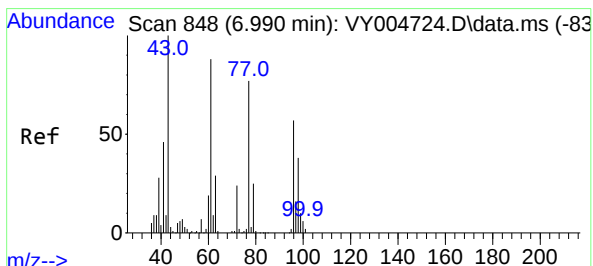
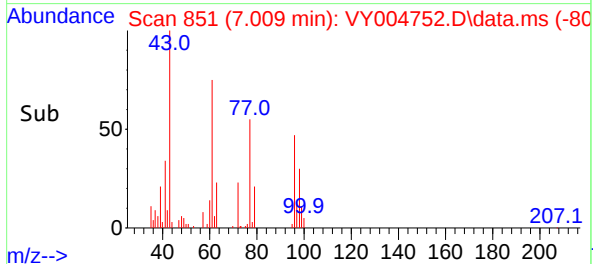
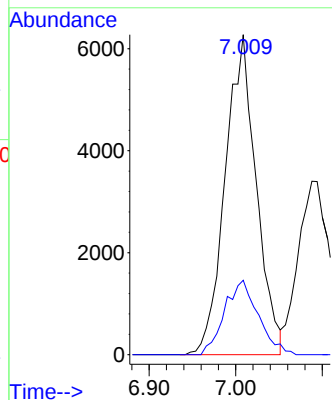
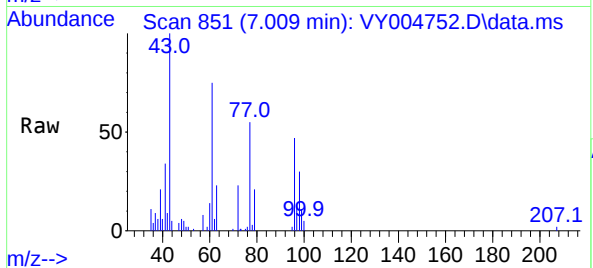
#25
2-Butanone
Concen: 17.98 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 43 Resp: 15639
Ion Ratio Lower Upper
43 100
72 23.3 19.4 29.0

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

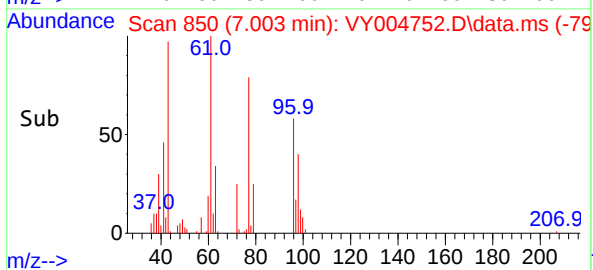
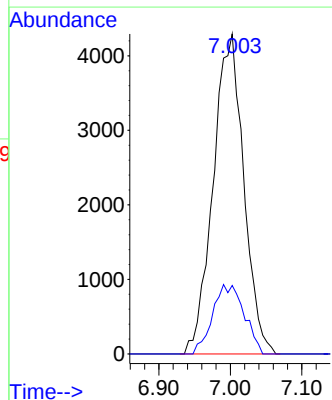
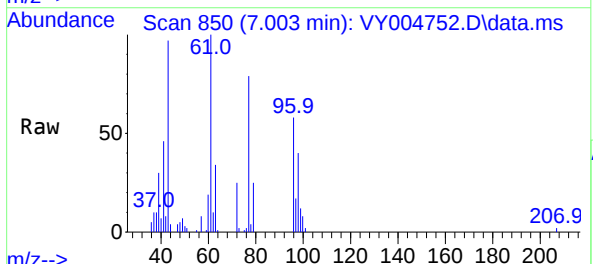
Manual Integrations
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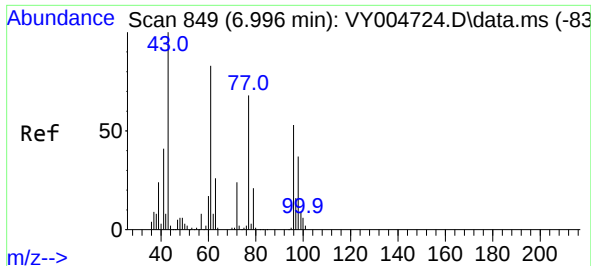
MMDadoda
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#26
2,2-Dichloropropane
Concen: 3.81 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 77 Resp: 12728
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





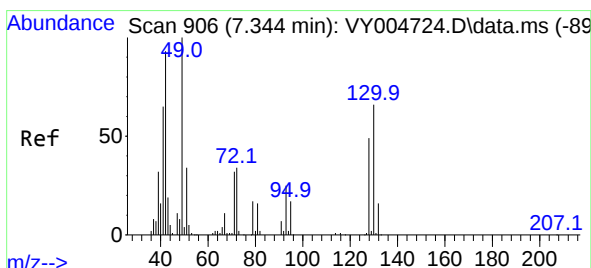
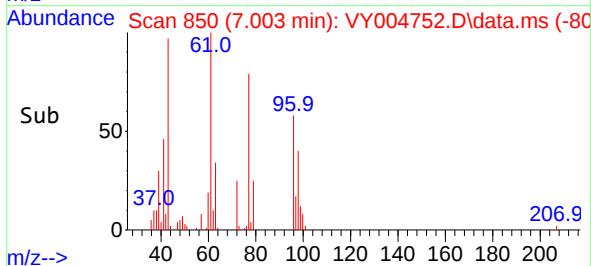
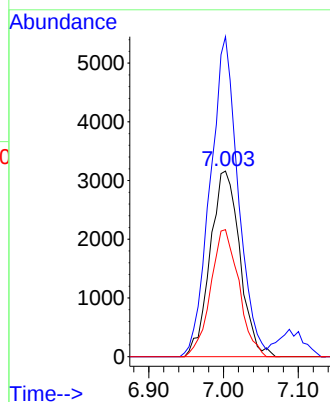
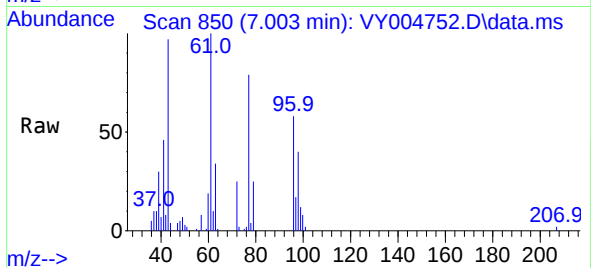
#27
cis-1,2-Dichloroethene
Concen: 3.82 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	96	Resp:	8720
Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	308.4
98	65.3	0.0	132.0

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

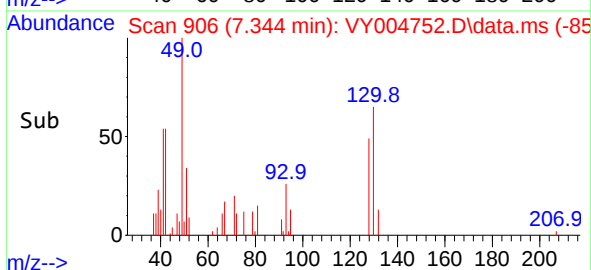
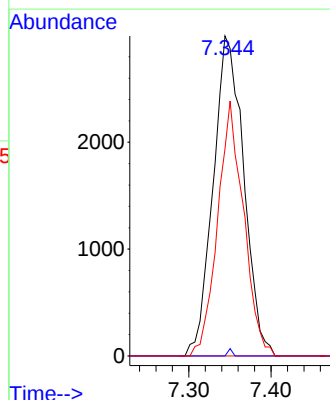
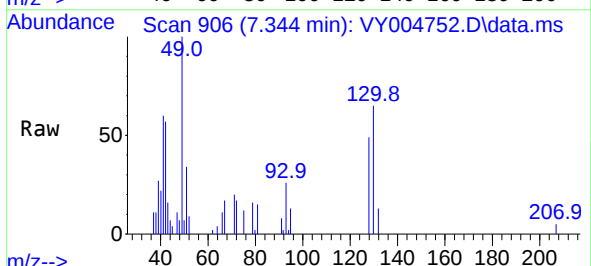
Manual Integrations
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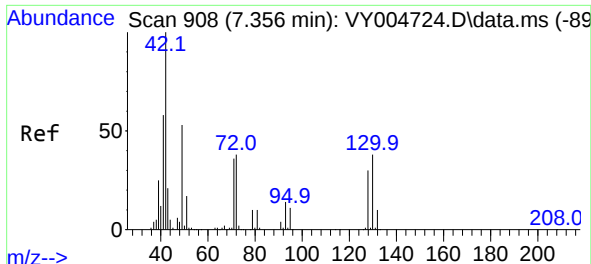
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#28
Bromochloromethane
Concen: 4.14 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	49	Resp:	7736
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.0
130	67.8	52.8	79.2





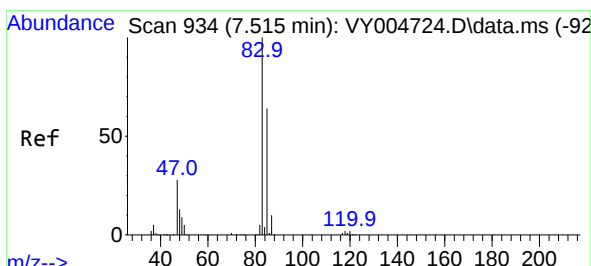
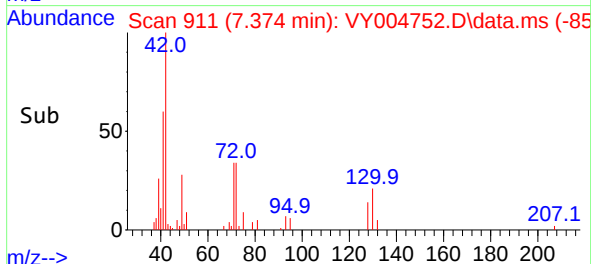
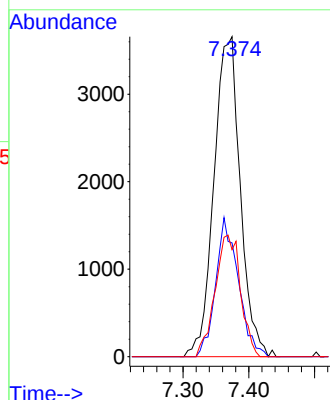
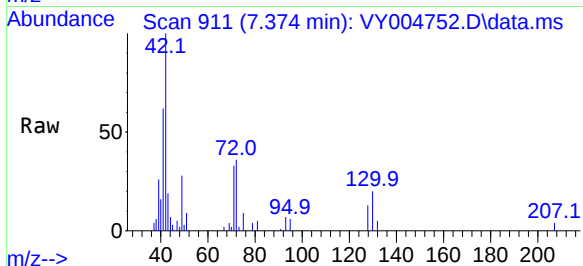
#29
Tetrahydrofuran
Concen: 18.37 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	42	Resp:	10196
Ion	Ratio	Lower	Upper
42	100		
72	37.4	29.4	44.0
71	36.6	28.0	42.0

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

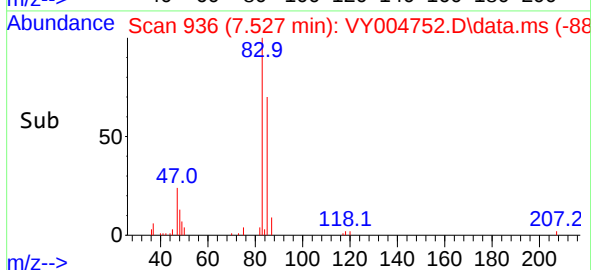
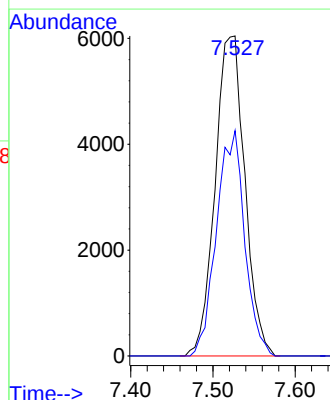
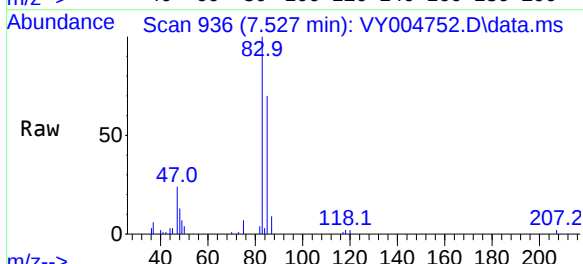
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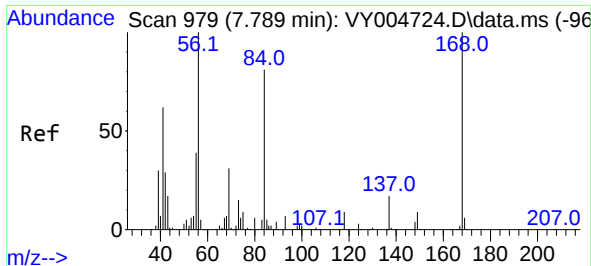
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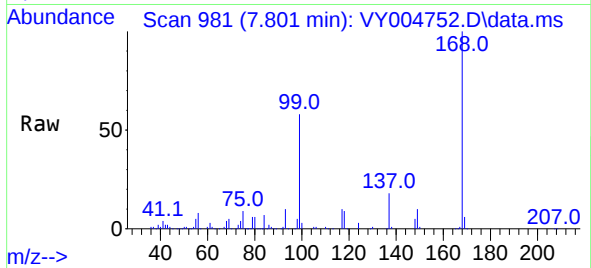
#30
Chloroform
Concen: 4.03 ug/l
RT: 7.527 min Scan# 936
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	83	Resp:	15215
Ion	Ratio	Lower	Upper
83	100		
85	70.4	51.3	76.9

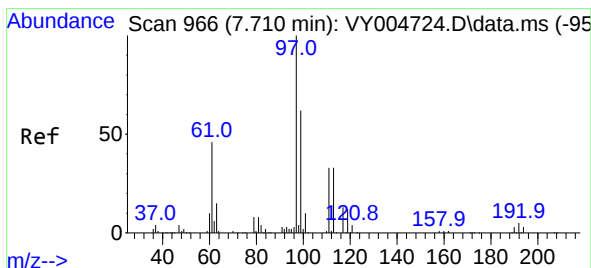
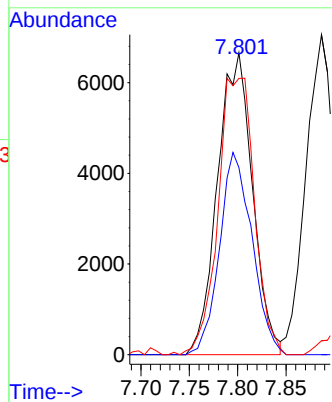
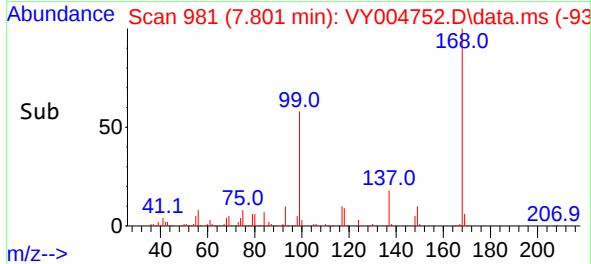




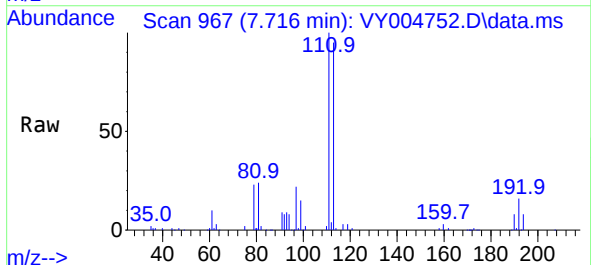
#31
Cyclohexane
Concen: 4.74 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



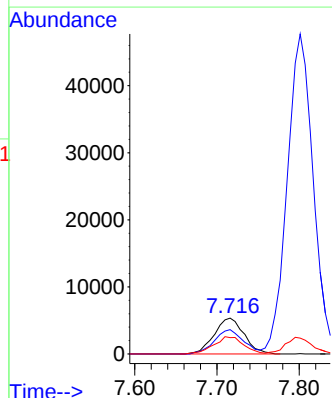
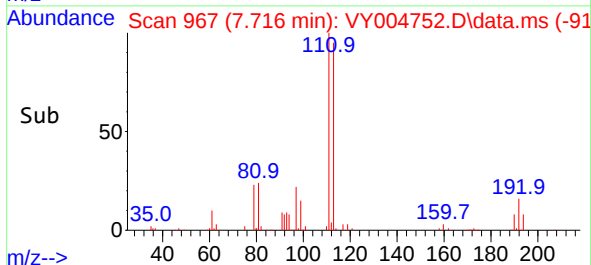
Tgt Ion: 56 Resp: 16741
Ion Ratio Lower Upper
56 100
69 61.9 24.4 36.6#
84 91.5 64.8 97.2



#32
1,1,1-Trichloroethane
Concen: 3.97 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



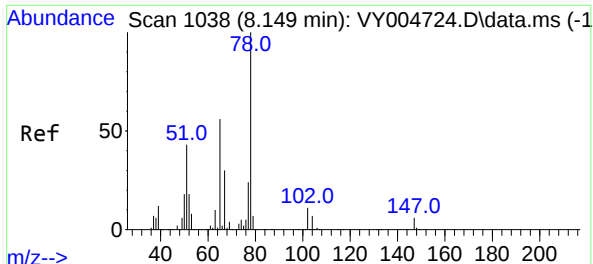
Tgt Ion: 97 Resp: 13429
Ion Ratio Lower Upper
97 100
99 66.5 50.7 76.1
61 48.2 37.0 55.6



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

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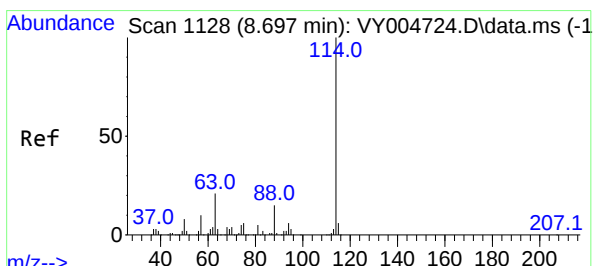
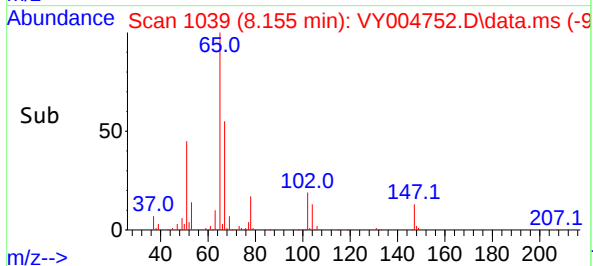
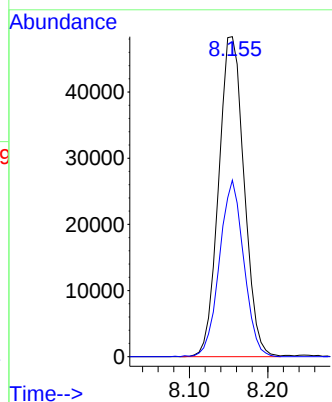
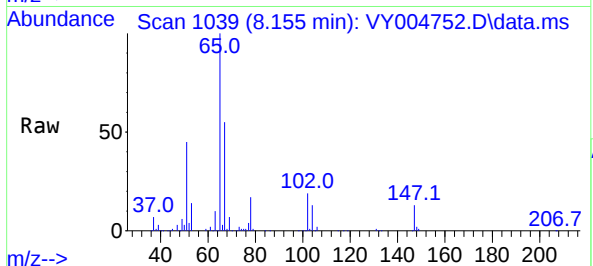
#33
1,2-Dichloroethane-d4
Concen: 50.06 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 65 Resp: 109146
Ion Ratio Lower Upper
65 100
67 52.7 0.0 108.0

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

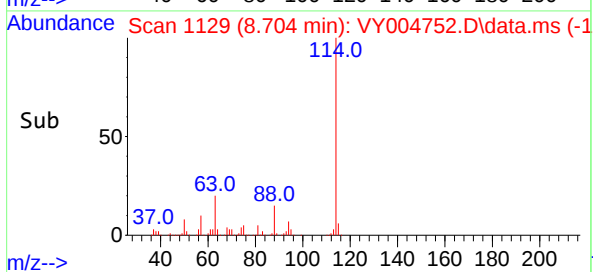
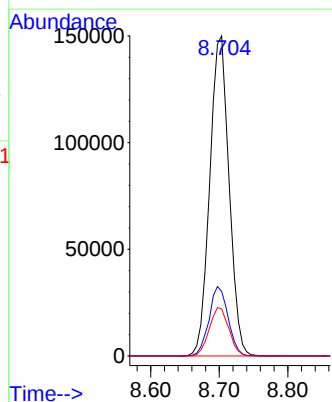
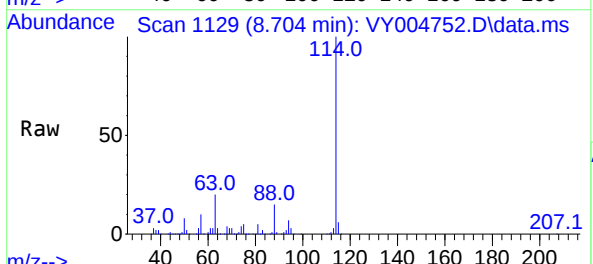
Manual Integrations
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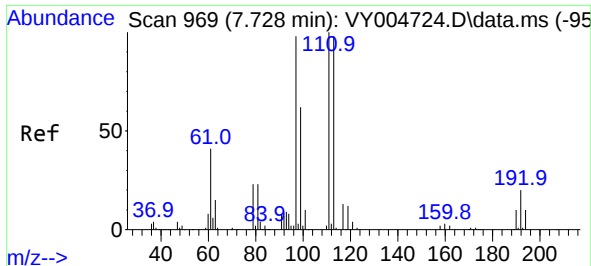
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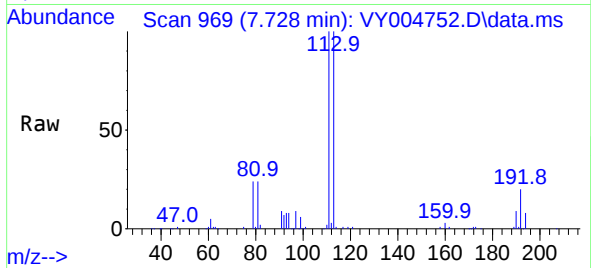
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 114 Resp: 293598
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 14.8 0.0 31.0

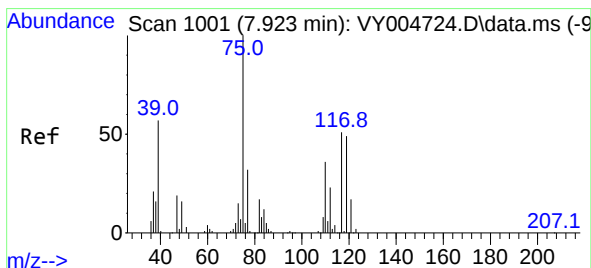
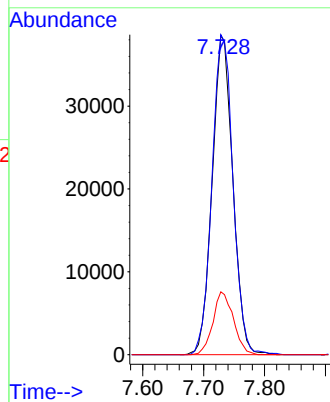
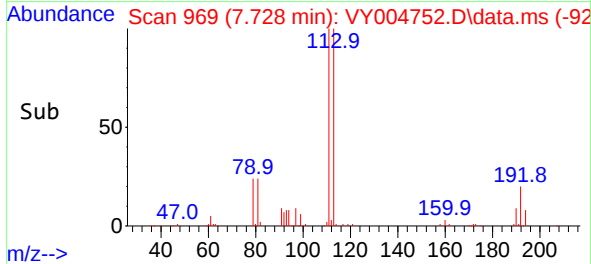




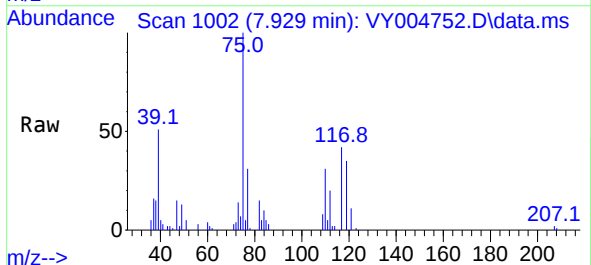
#35
Dibromofluoromethane
Concen: 56.40 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



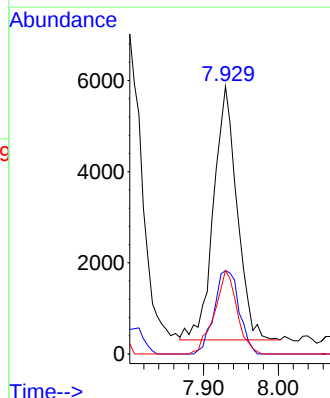
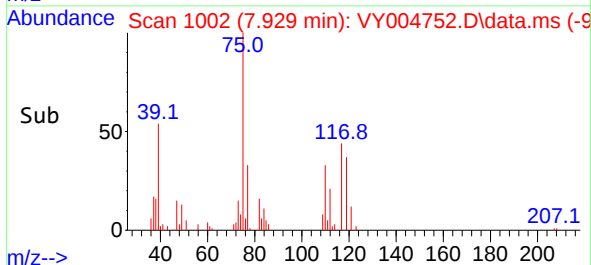
Tgt Ion: 113 Resp: 90656
Ion Ratio Lower Upper
113 100
111 102.4 80.5 120.7
192 19.5 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.04 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



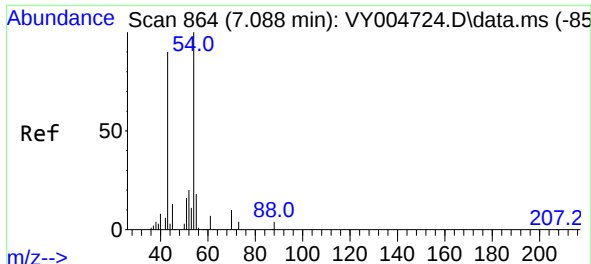
Tgt Ion: 75 Resp: 12169
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 31.5 25.0 37.4



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

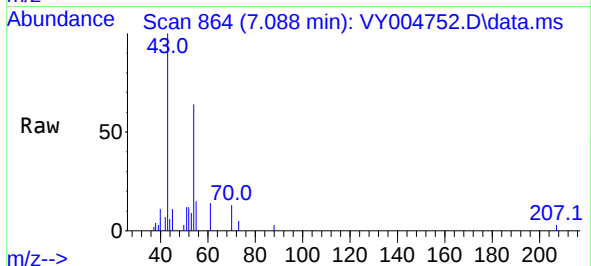
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#37
Ethyl Acetate
Concen: 4.40 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

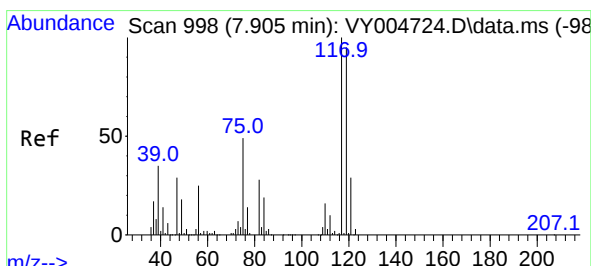
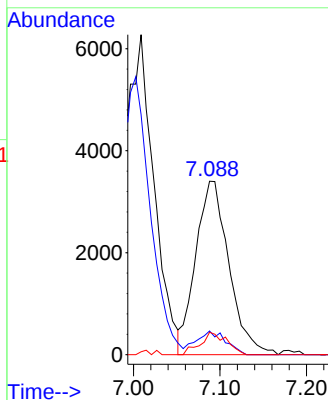
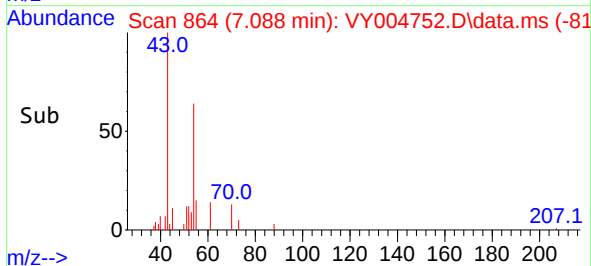
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



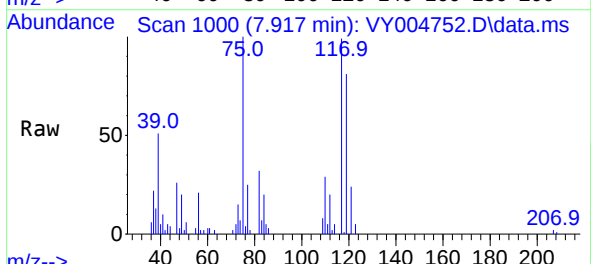
Tgt Ion: 43 Resp: 9075
Ion Ratio Lower Upper
43 100
61 12.1 9.9 14.9
70 10.3 6.7 10.1#

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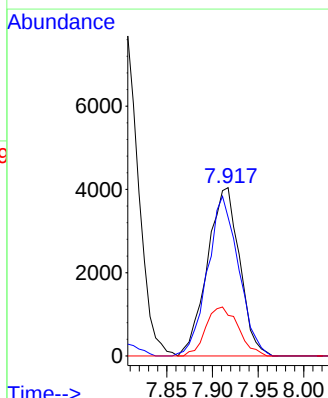
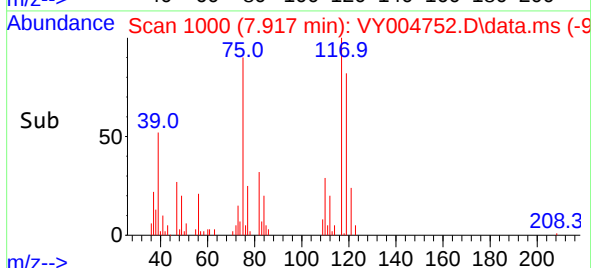
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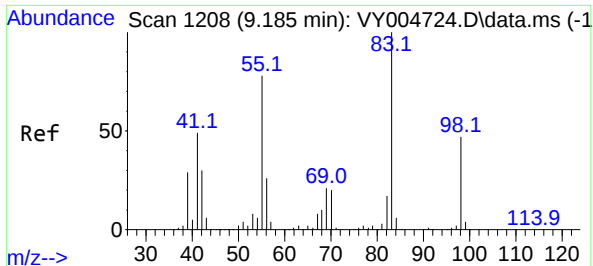


#38
Carbon Tetrachloride
Concen: 3.68 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



Tgt Ion: 117 Resp: 9944
Ion Ratio Lower Upper
117 100
119 82.3 76.3 114.5
121 24.1 23.0 34.6





#39

Methylcyclohexane

Concen: 3.89 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY004752.D

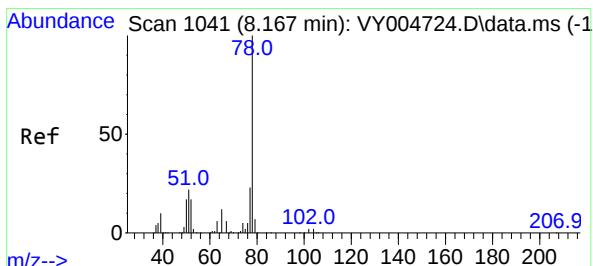
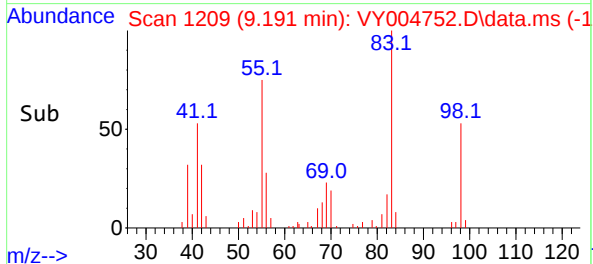
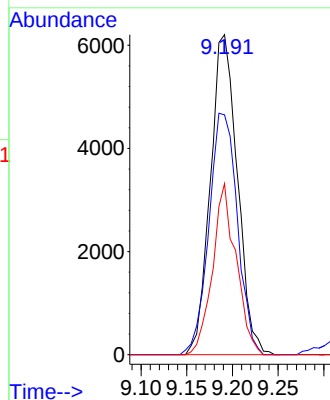
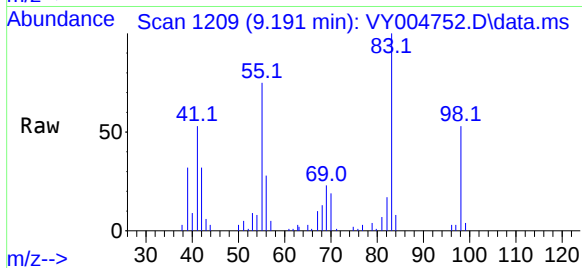
Acq: 12 May 2021 12:44

Tgt Ion:	83	Resp:	12776
Ion	Ratio	Lower	Upper
83	100		
55	74.9	62.6	94.0
98	53.4	37.8	56.6

Instrument :
MSVOA_Y
ClientSampleId :
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#40

Benzene

Concen: 4.03 ug/l

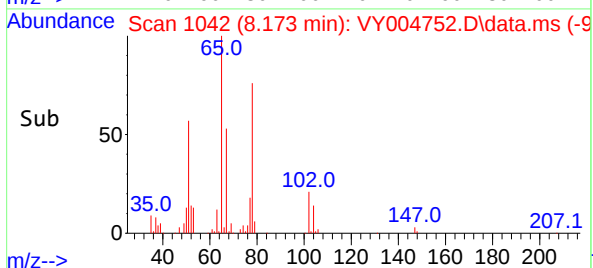
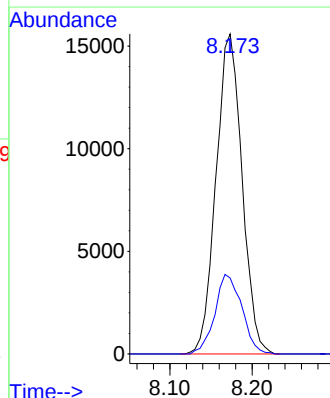
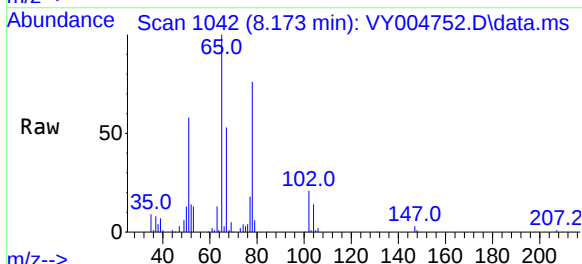
RT: 8.173 min Scan# 1042

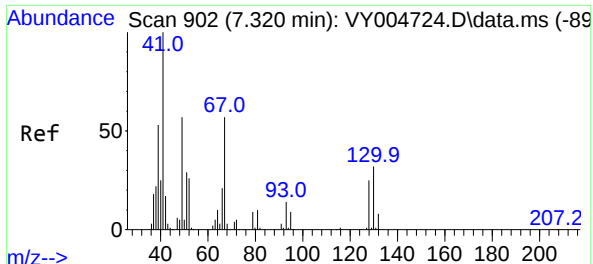
Delta R.T. 0.006 min

Lab File: VY004752.D

Acq: 12 May 2021 12:44

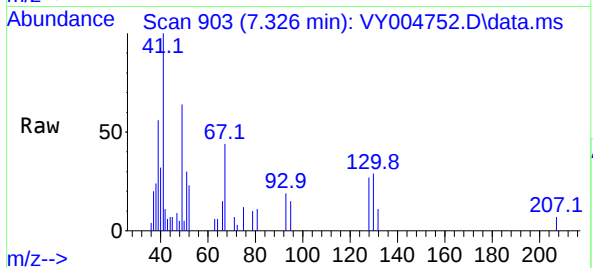
Tgt Ion:	78	Resp:	34244
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.4	27.6





#41
Methacrylonitrile
Concen: 3.52 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

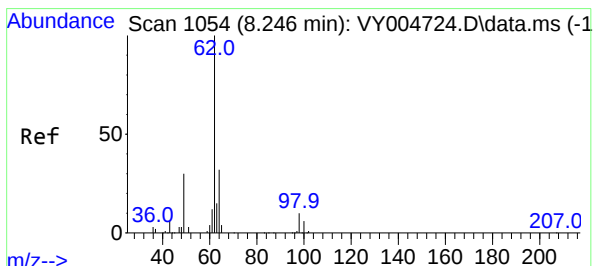
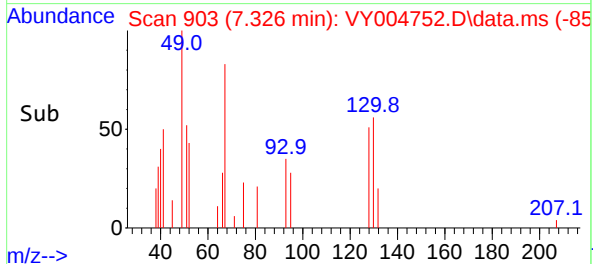
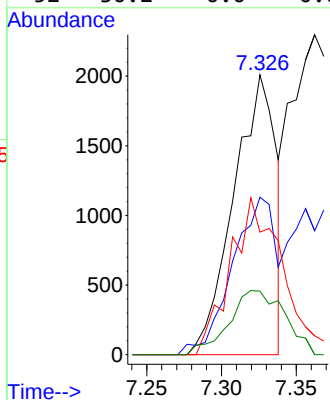
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:	41	Resp:	3962
Ion	Ratio	Lower	Upper
41	100		
39	57.2	0.0	0.0#
67	68.7	0.0	0.0#
52	30.2	0.0	0.0#

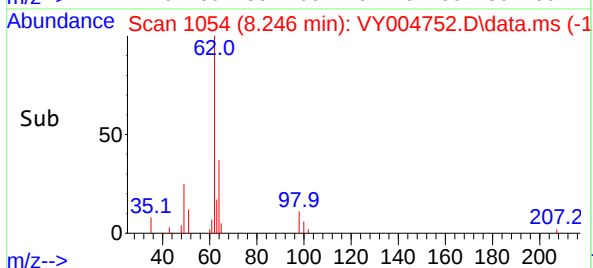
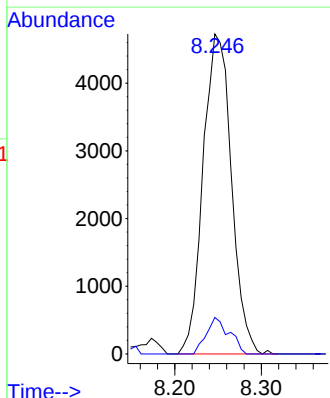
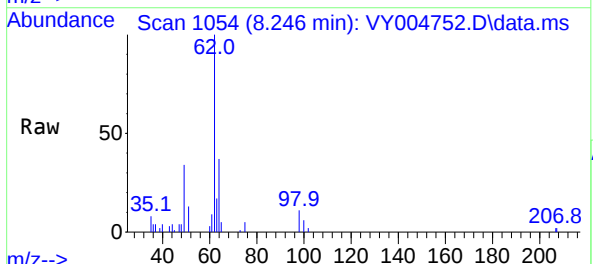
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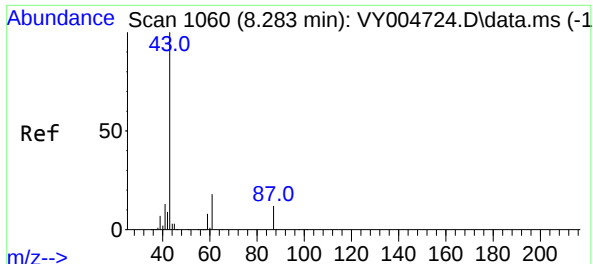
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#42
1,2-Dichloroethane
Concen: 4.00 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	62	Resp:	10751
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





#43

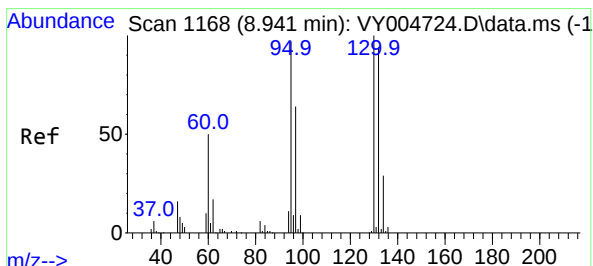
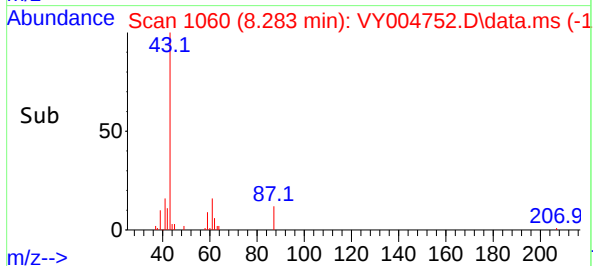
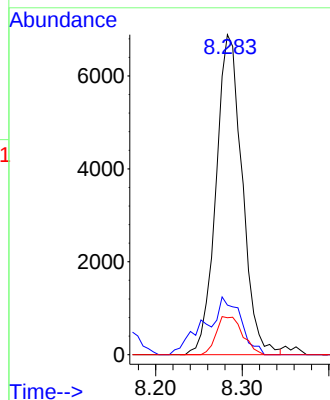
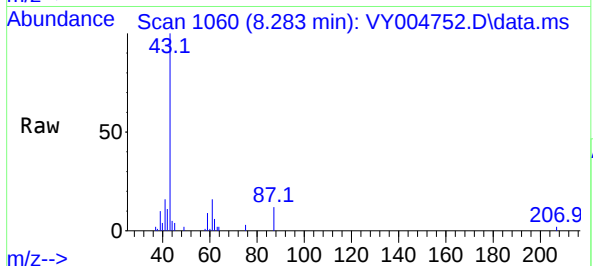
Isopropyl Acetate
Concen: 3.78 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	43	Resp:	14470
Ion Ratio	Lower	Upper	
43	100		
61	24.9	20.3	30.5
87	11.9	9.2	13.8

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

Manual Integrations
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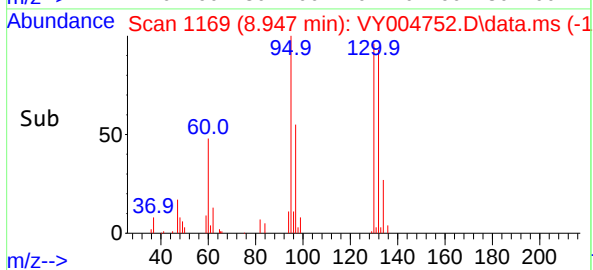
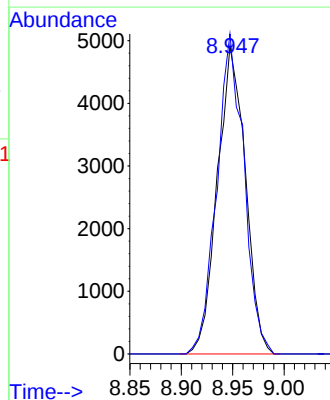
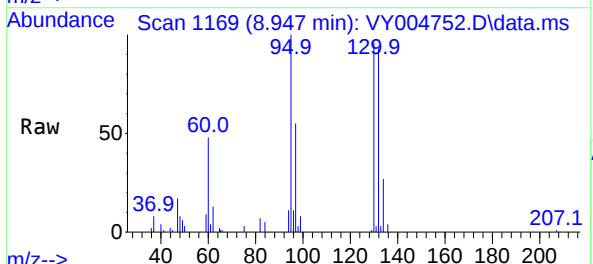
MMDadoda
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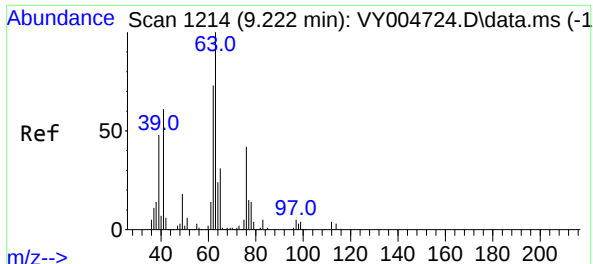


#44

Trichloroethene
Concen: 4.07 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	130	Resp:	9296
Ion Ratio	Lower	Upper	
130	100		
95	103.8	0.0	193.6





#45

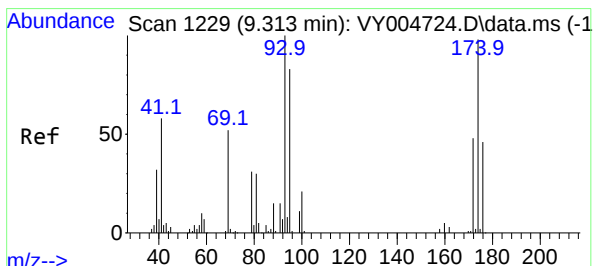
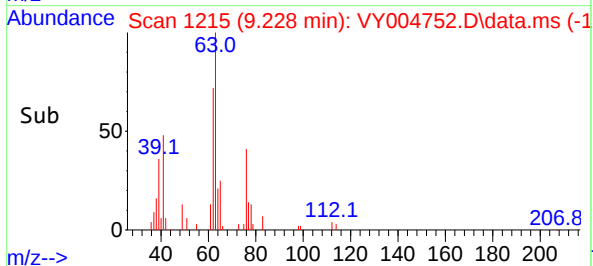
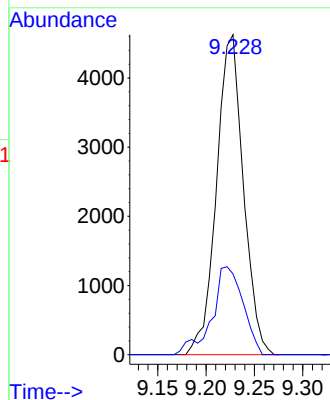
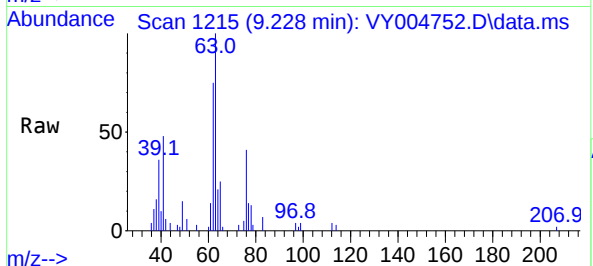
1,2-Dichloropropane
Concen: 4.01 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 63 Resp: 8930
Ion Ratio Lower Upper
63 100
65 25.2 25.0 37.4

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

Manual Integrations
APPROVED

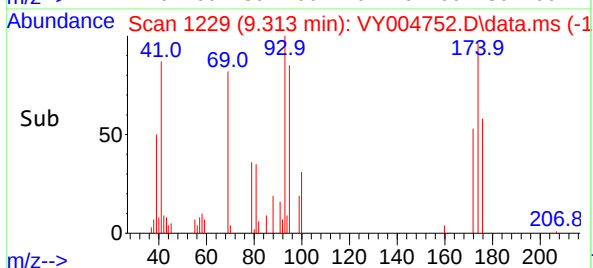
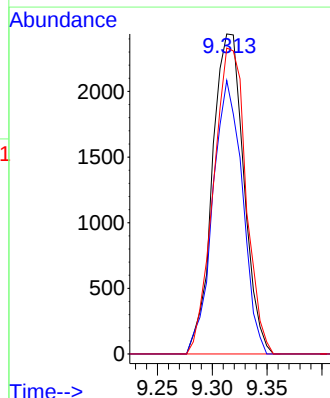
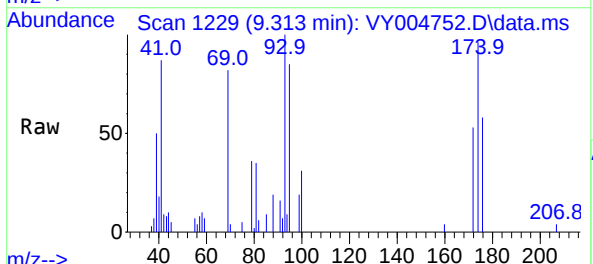
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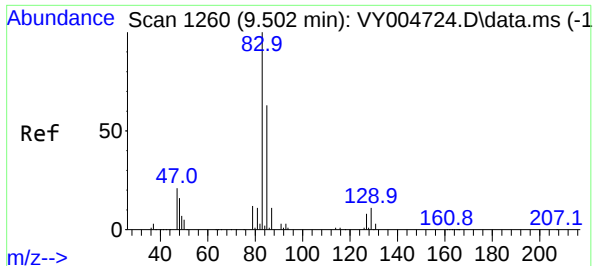


#46

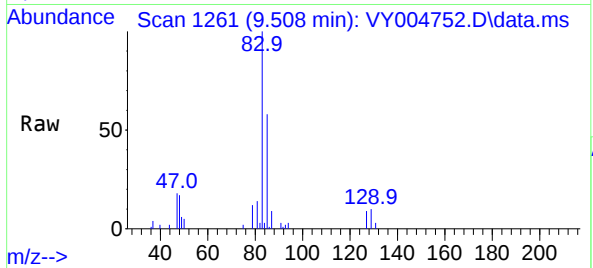
Dibromomethane
Concen: 3.92 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 93 Resp: 4851
Ion Ratio Lower Upper
93 100
95 80.8 66.8 100.2
174 98.9 75.9 113.9

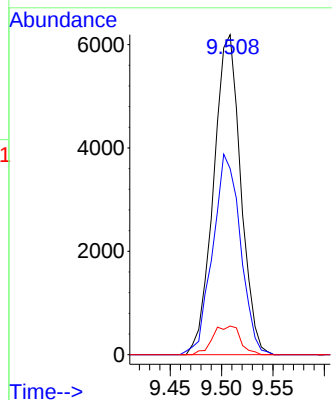




#47
Bromodichloromethane
Concen: 3.87 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



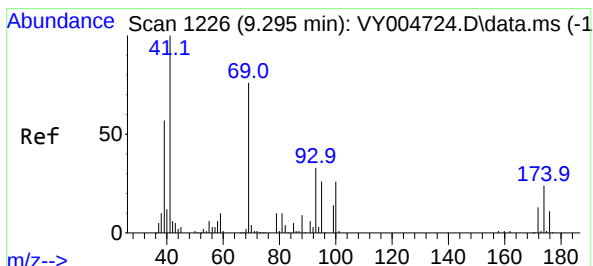
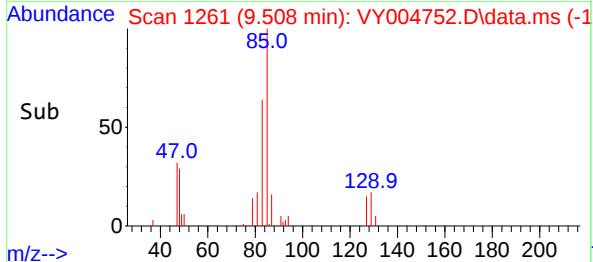
Tgt Ion: 83 Resp: 11360
Ion Ratio Lower Upper
83 100
85 58.1 50.4 75.6
127 8.9 6.6 9.8



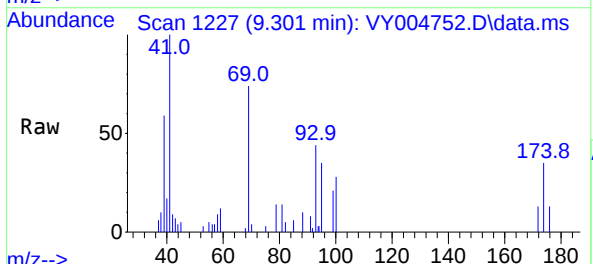
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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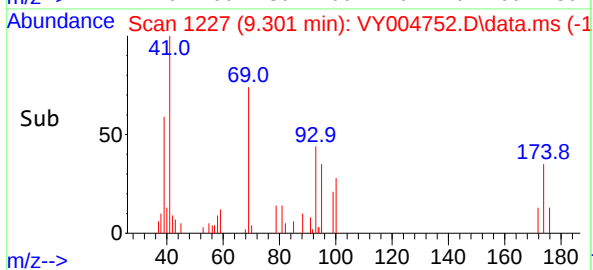
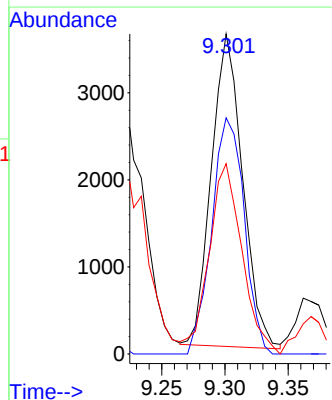
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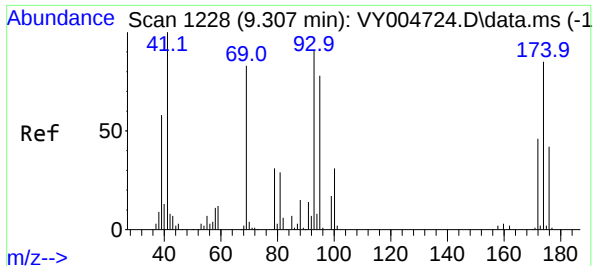


#48
Methyl methacrylate
Concen: 3.53 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

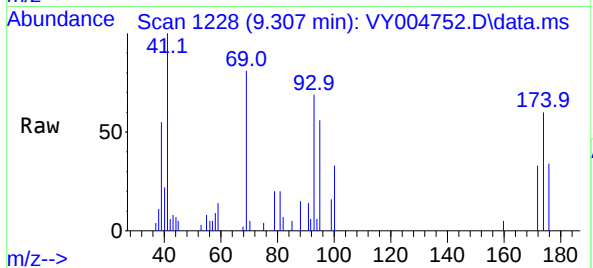


Tgt Ion: 41 Resp: 6154
Ion Ratio Lower Upper
41 100
69 78.7 62.0 93.0
39 64.4 48.4 72.6

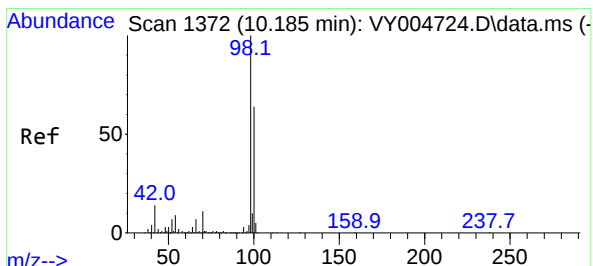
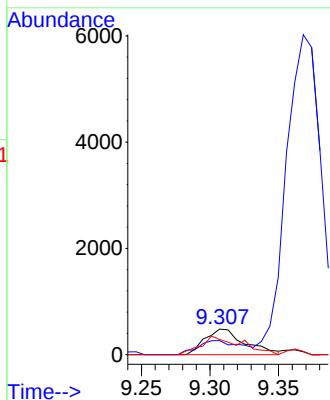
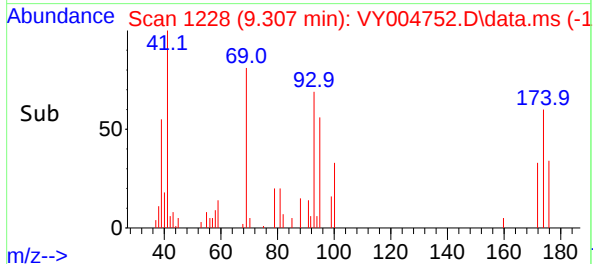




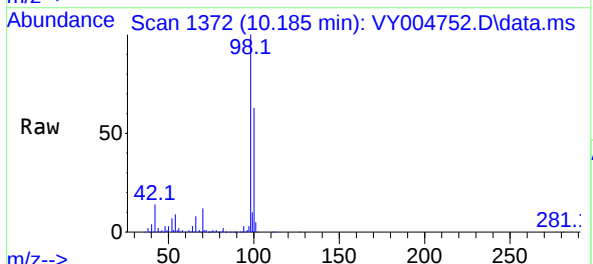
#49
1,4-Dioxane
Concen: 66.91 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



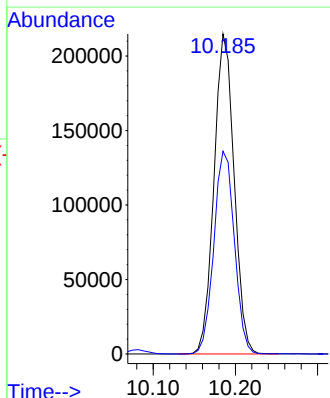
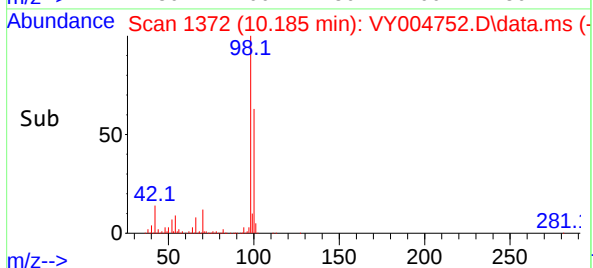
Tgt Ion: 88 Resp: 975
Ion Ratio Lower Upper
88 100
43 59.9 32.1 48.1#
58 73.1 64.2 96.4



#50
Toluene-d8
Concen: 50.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



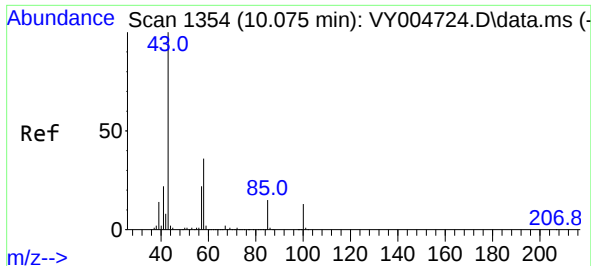
Tgt Ion: 98 Resp: 365671
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



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

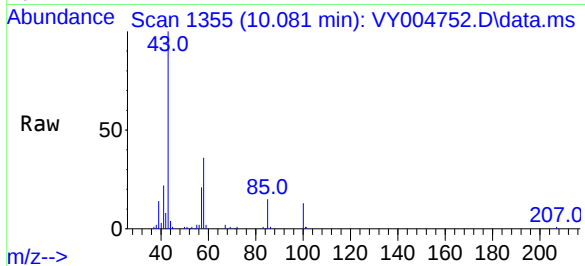
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#51
4-Methyl-2-Pentanone
Concen: 18.31 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

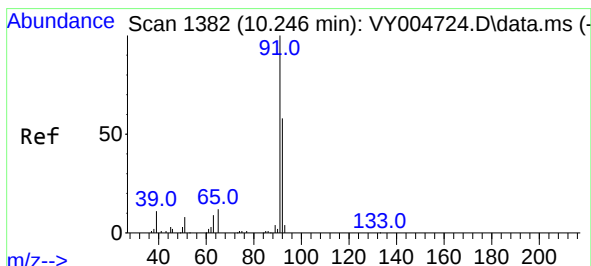
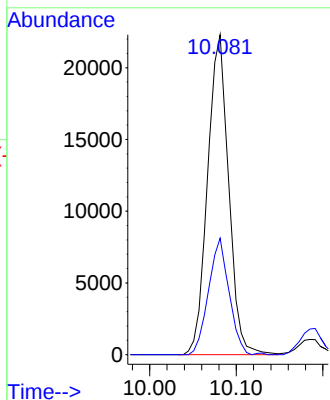
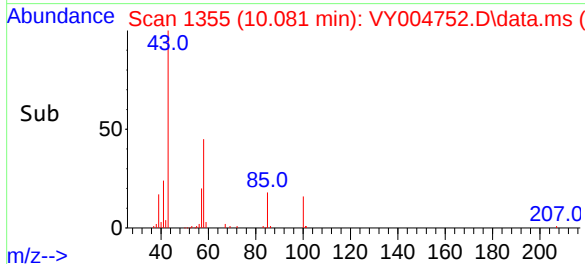
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



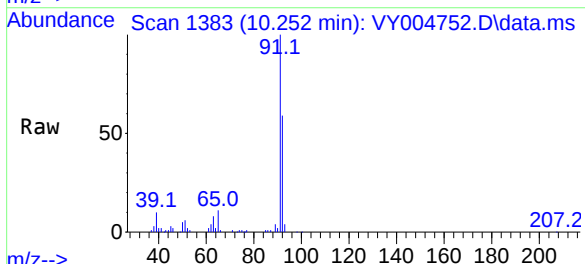
Tgt Ion: 43 Resp: 37714
Ion Ratio Lower Upper
43 100
58 35.3 28.7 43.1

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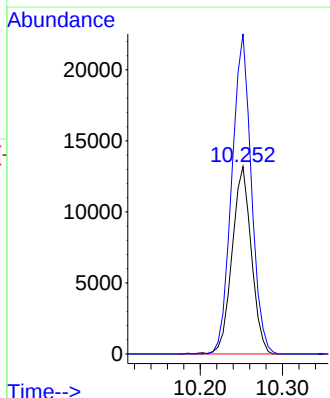
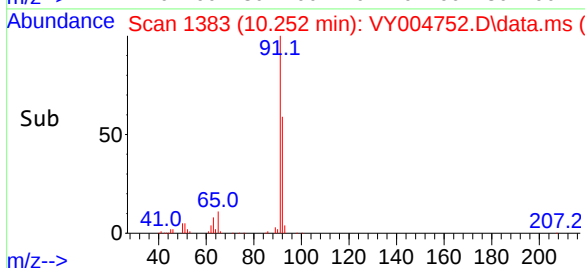
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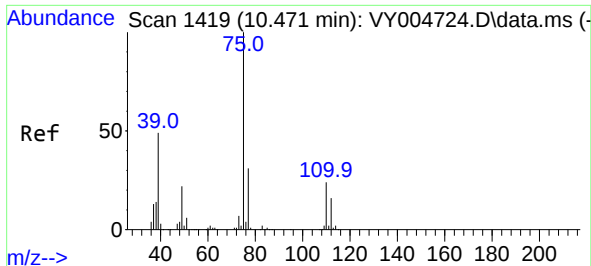


#52
Toluene
Concen: 4.00 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



Tgt Ion: 92 Resp: 21458
Ion Ratio Lower Upper
92 100
91 172.8 138.2 207.4





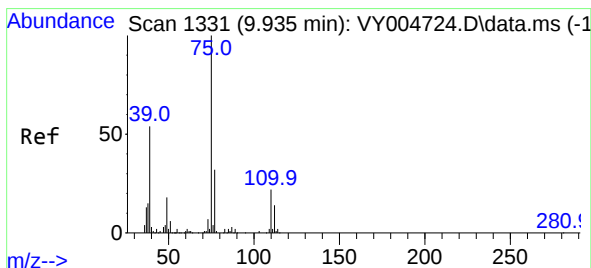
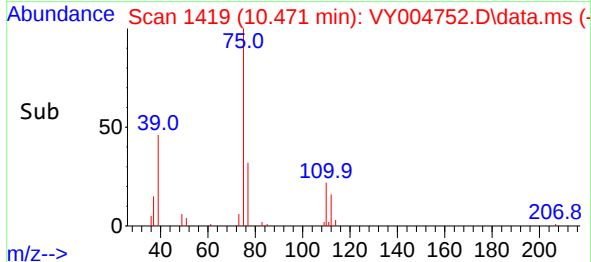
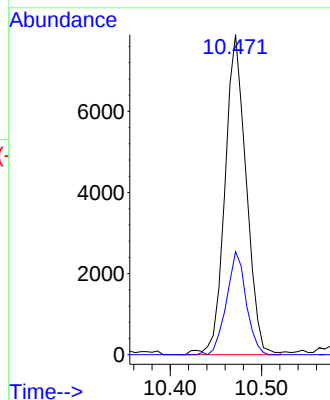
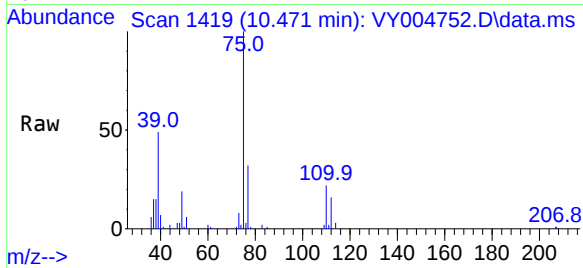
#53
t-1,3-Dichloropropene
Concen: 3.91 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 75 Resp: 12726
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2

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

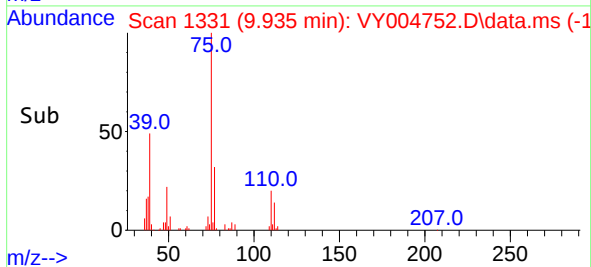
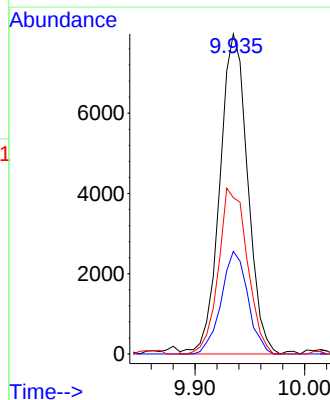
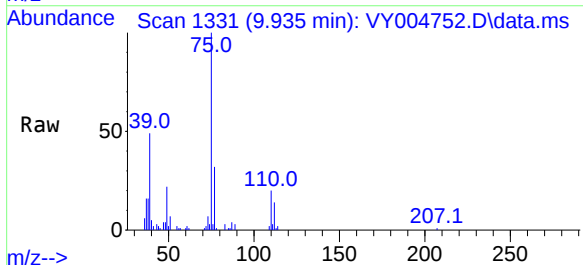
Manual Integrations
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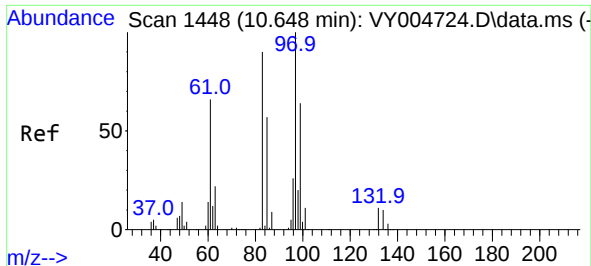
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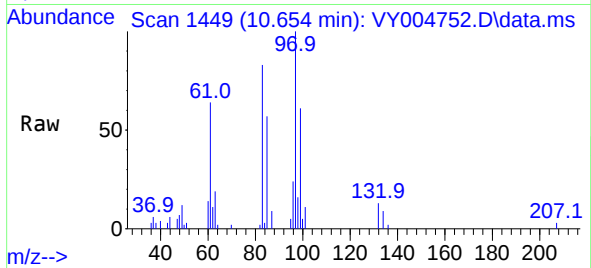
#54
cis-1,3-Dichloropropene
Concen: 3.88 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 75 Resp: 14032
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 48.9 43.2 64.8

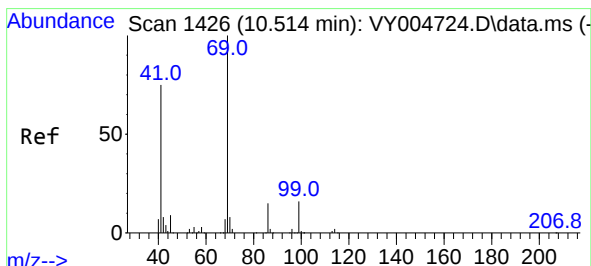
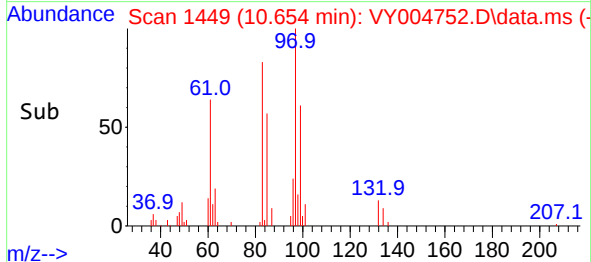
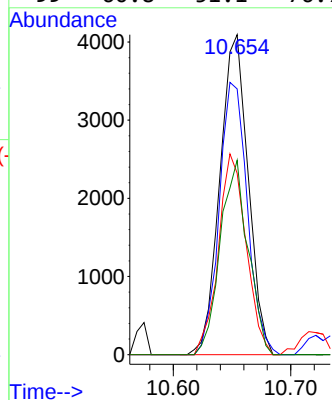




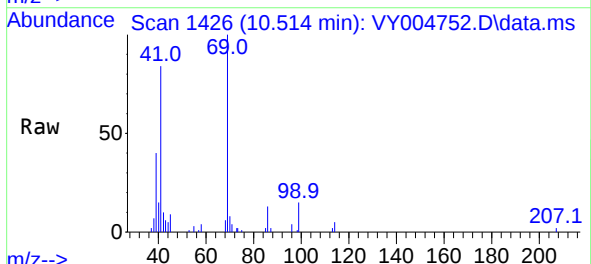
#55
1,1,2-Trichloroethane
Concen: 4.03 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



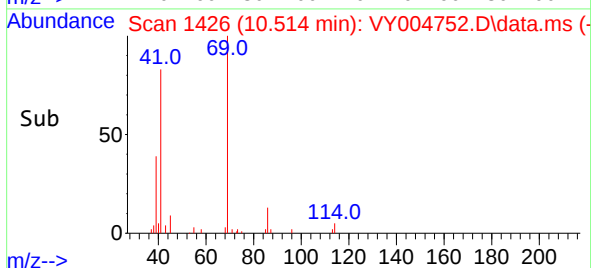
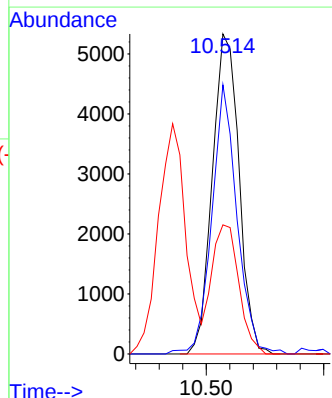
Tgt Ion:	97	Resp:	6863
Ion	Ratio	Lower	Upper
97	100		
83	83.0	71.9	107.9
85	56.7	45.8	68.6
99	60.8	51.1	76.7



#56
Ethyl methacrylate
Concen: 3.41 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



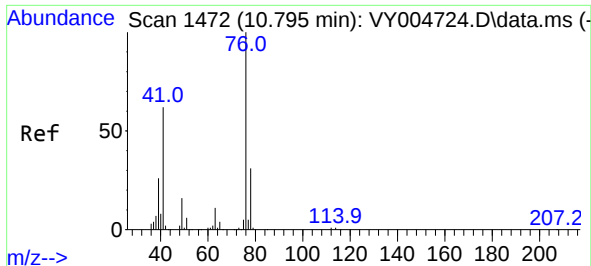
Tgt Ion:	69	Resp:	8399
Ion	Ratio	Lower	Upper
69	100		
41	79.3	60.2	90.4
39	41.1	33.5	50.3



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

Manual Integrations
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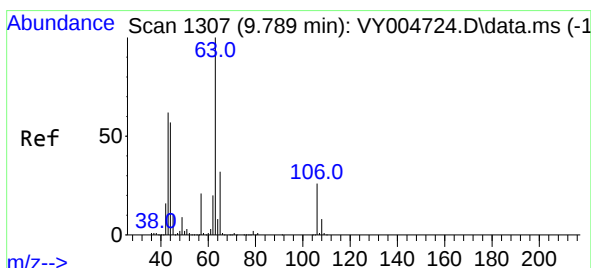
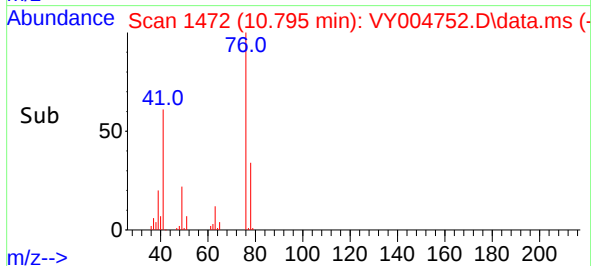
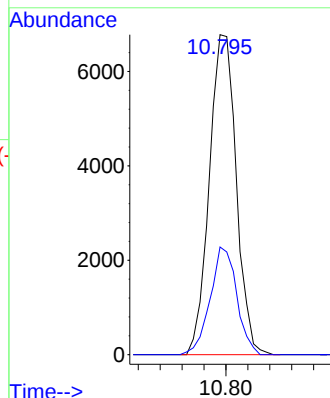
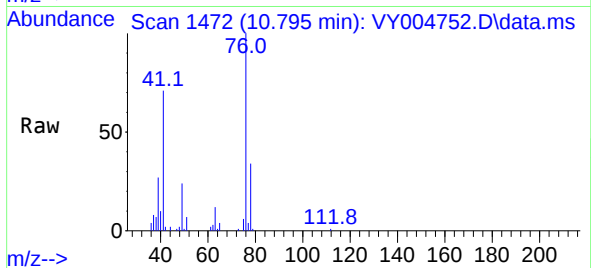
#57
1,3-Dichloropropane
Concen: 3.82 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 76 Resp: 11578
Ion Ratio Lower Upper
76 100
78 33.2 25.5 38.3

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

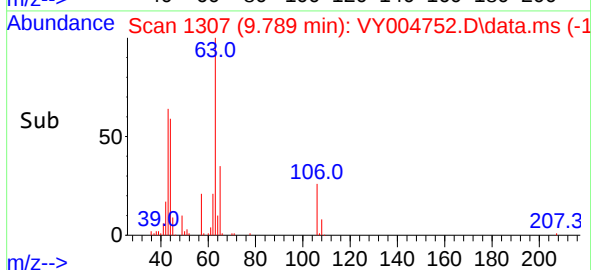
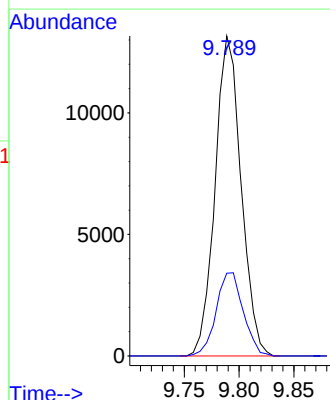
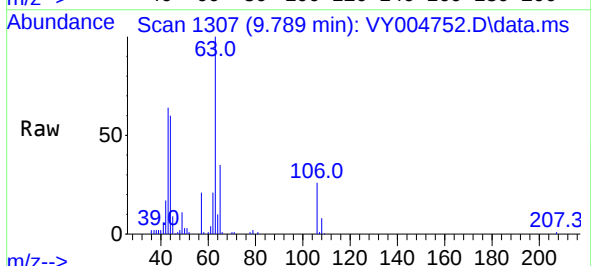
Manual Integrations
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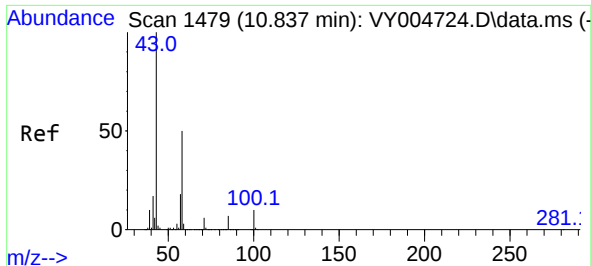
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#58
2-Chloroethyl Vinyl ether
Concen: 17.08 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 63 Resp: 21720
Ion Ratio Lower Upper
63 100
106 27.1 20.9 31.3





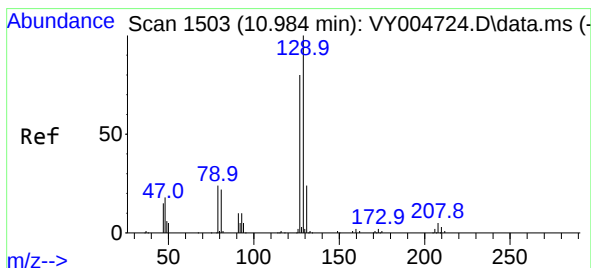
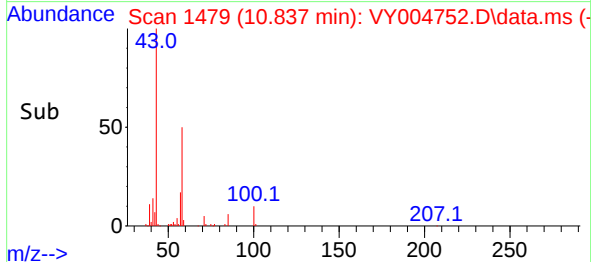
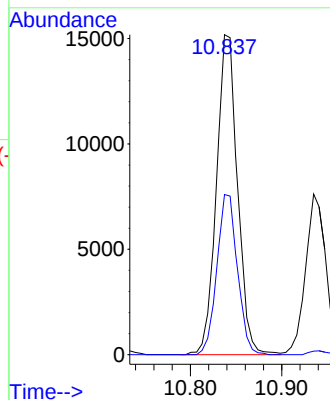
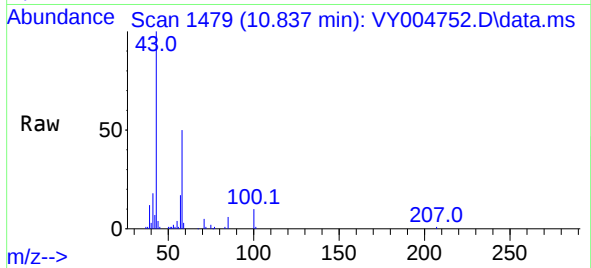
#59
2-Hexanone
Concen: 17.44 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 43 Resp: 24344
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.8

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

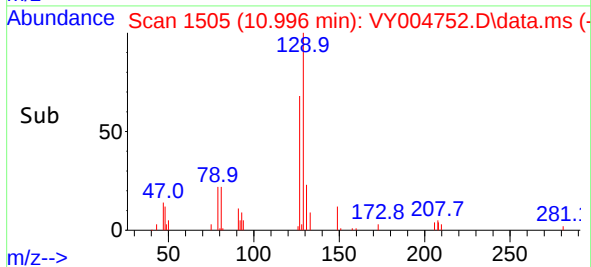
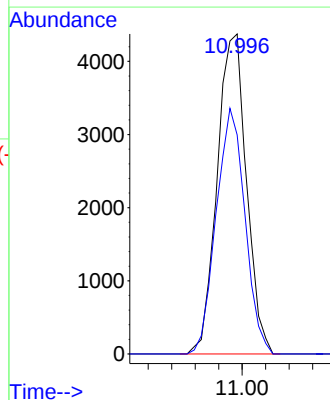
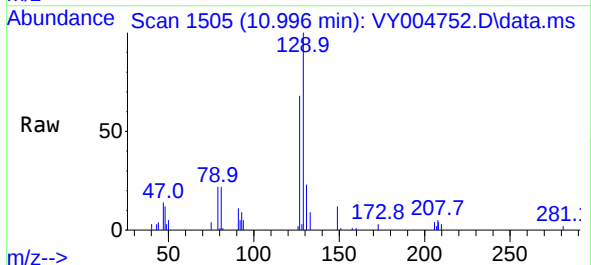
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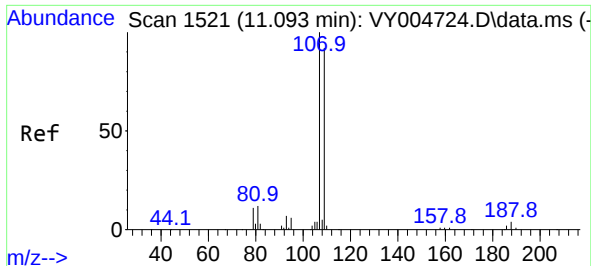
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#60
Dibromochloromethane
Concen: 3.74 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.012 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

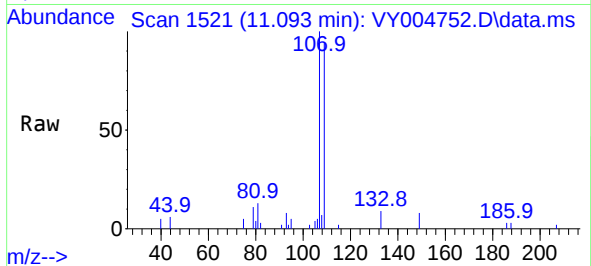
Tgt Ion: 129 Resp: 7571
Ion Ratio Lower Upper
129 100
127 75.5 39.4 118.1





#61
1,2-Dibromoethane
Concen: 3.77 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

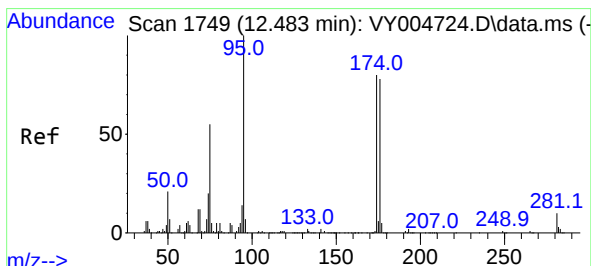
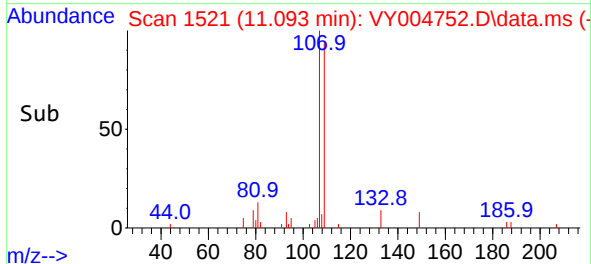
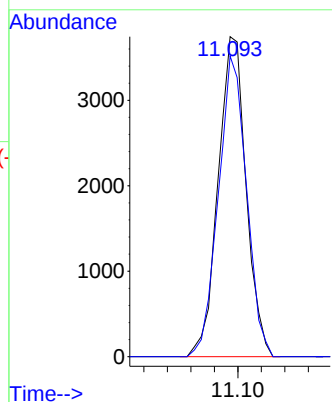
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



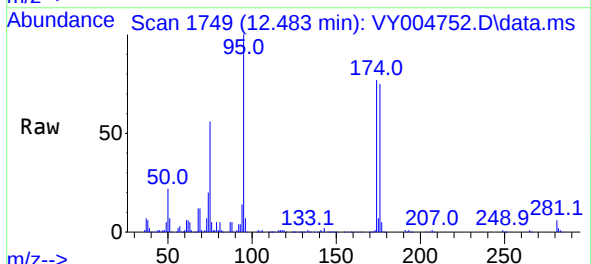
Tgt Ion:107 Resp: 6189
Ion Ratio Lower Upper
107 100
109 94.4 73.8 110.6

Manual Integrations
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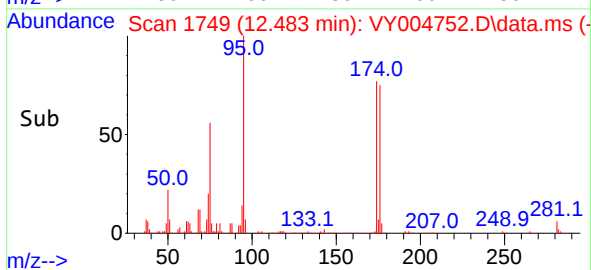
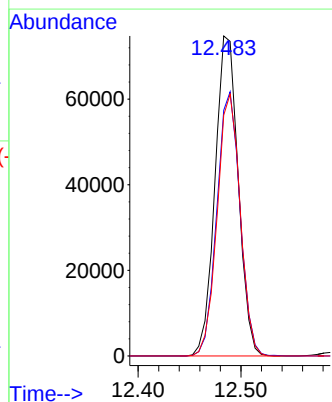
MMDadoda
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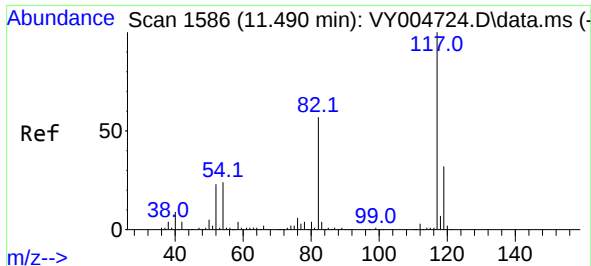


#62
4-Bromofluorobenzene
Concen: 47.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

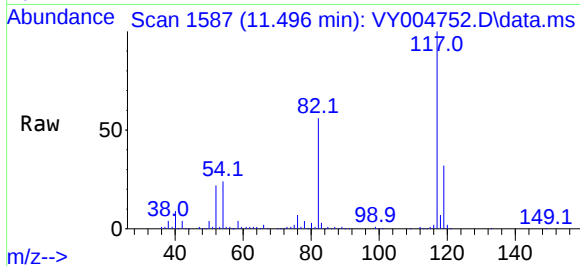


Tgt Ion: 95 Resp: 116947
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.2
176 81.0 0.0 159.0

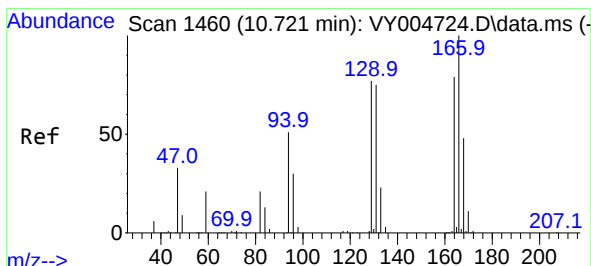
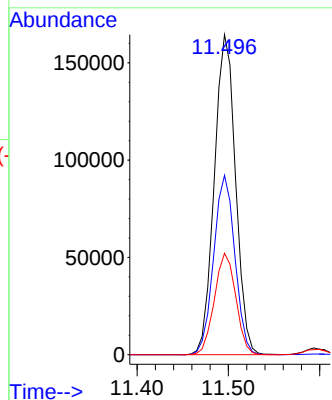
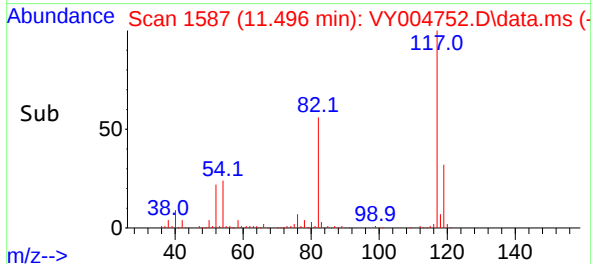




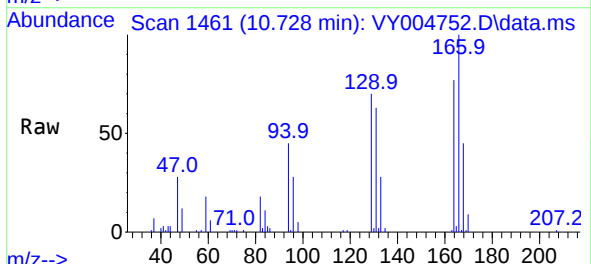
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



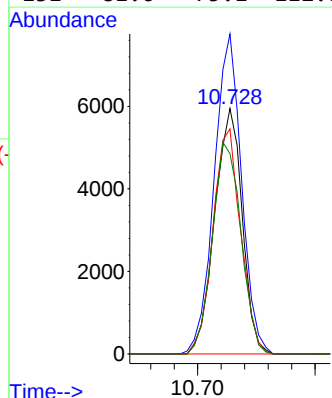
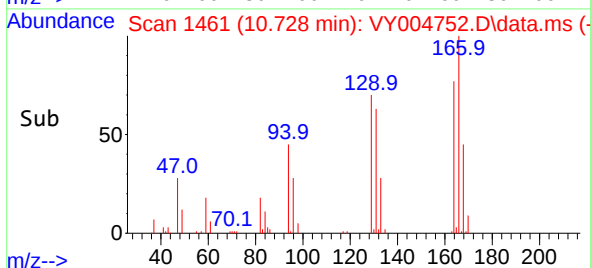
Tgt Ion:117 Resp: 266143
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 4.02 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



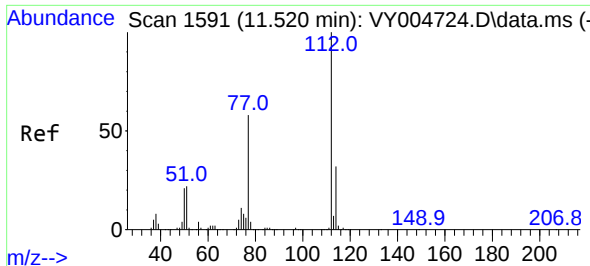
Tgt Ion:164 Resp: 9672
Ion Ratio Lower Upper
164 100
166 130.4 100.8 151.2
129 91.7 77.5 116.3
131 81.6 75.1 112.7



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

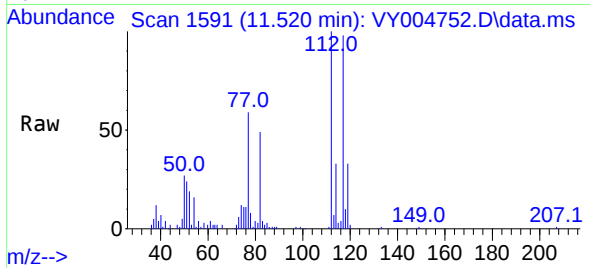
Manual Integrations
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#65
Chlorobenzene
Concen: 4.09 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

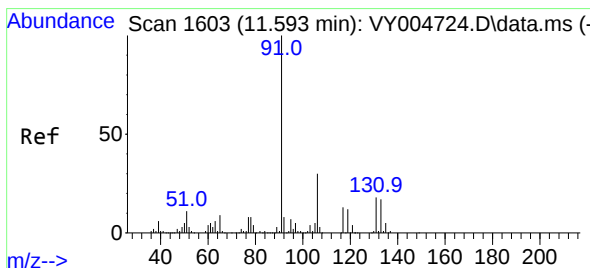
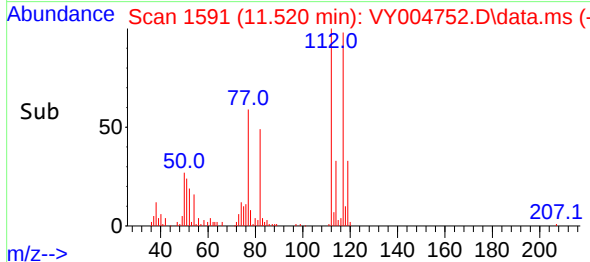
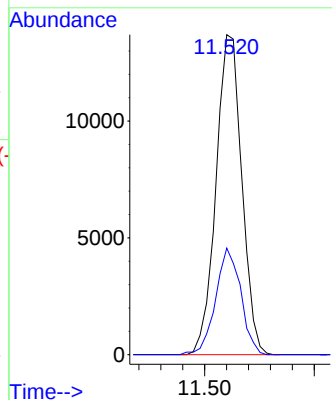
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



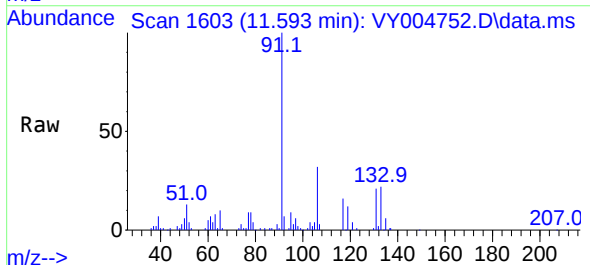
Tgt Ion:112 Resp: 22391
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

Manual Integrations
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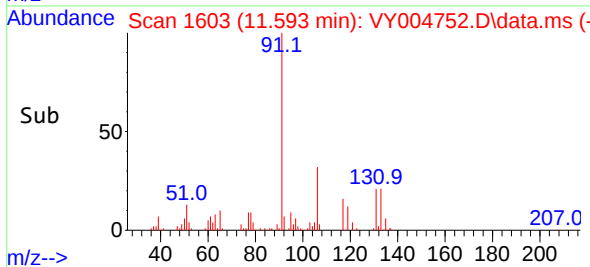
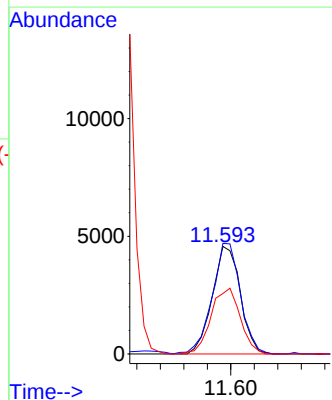
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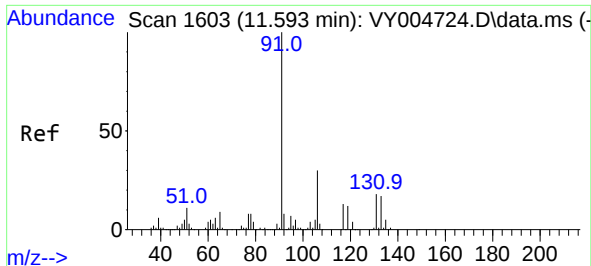


#66
1,1,1,2-Tetrachloroethane
Concen: 3.79 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



Tgt Ion:131 Resp: 7548
Ion Ratio Lower Upper
131 100
133 103.9 47.9 143.7
119 63.9 32.8 98.4





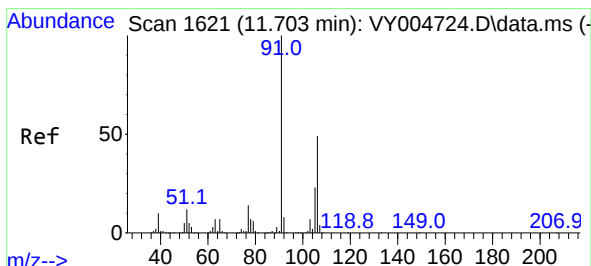
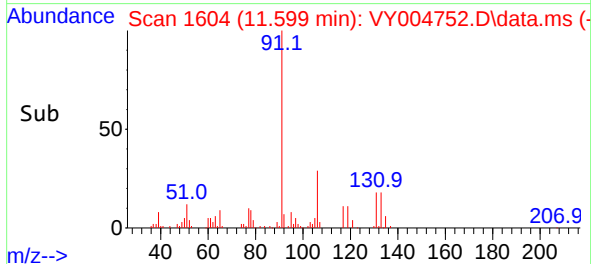
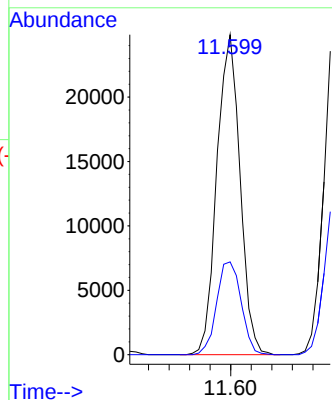
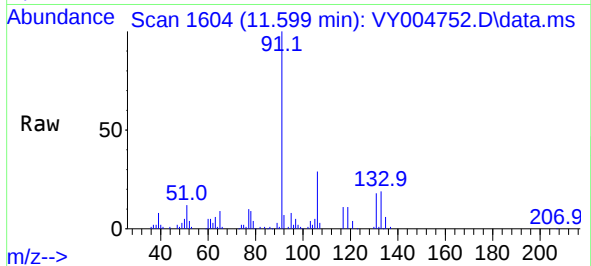
#67
Ethyl Benzene
Concen: 3.81 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 91 Resp: 38815
Ion Ratio Lower Upper
91 100
106 29.0 24.0 36.0

Instrument :
MSVOA_Y
ClientSampleId :
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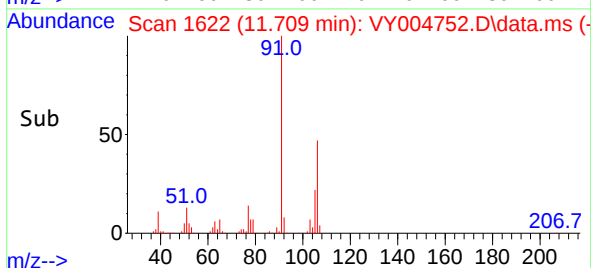
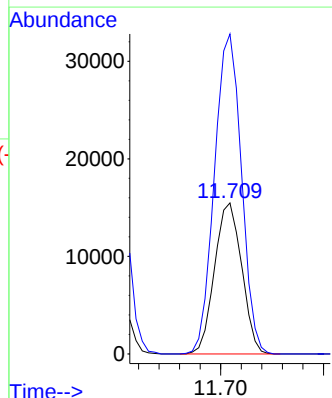
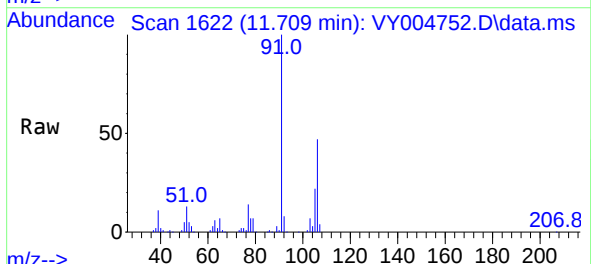
Manual Integrations
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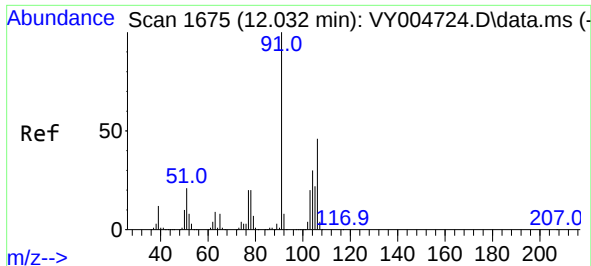
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#68
m/p-Xylenes
Concen: 7.42 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

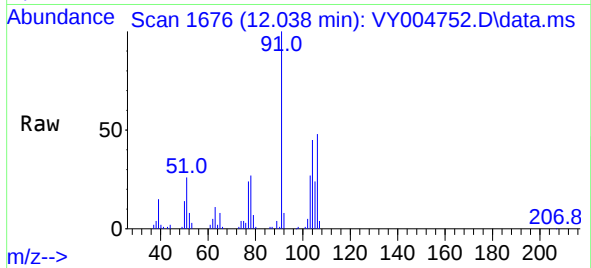
Tgt Ion: 106 Resp: 28383
Ion Ratio Lower Upper
106 100
91 210.6 163.6 245.4





#69
o-Xylene
Concen: 3.65 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

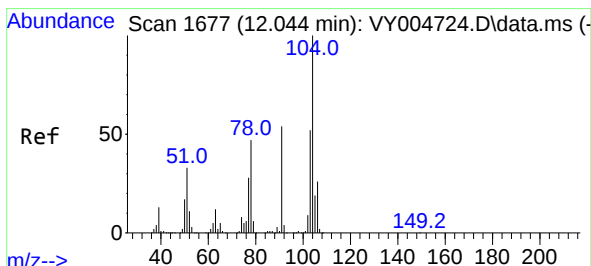
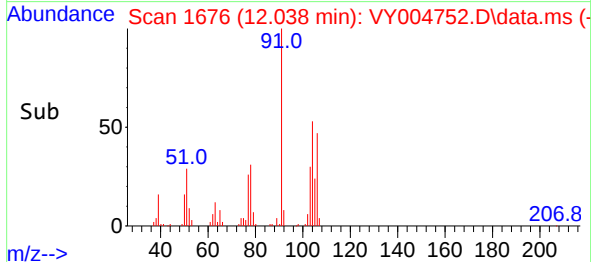
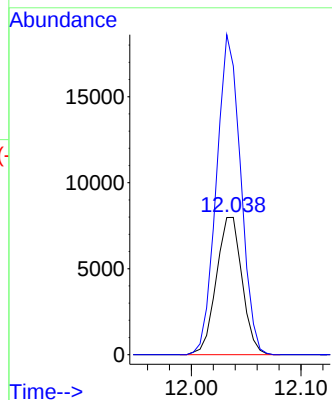
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



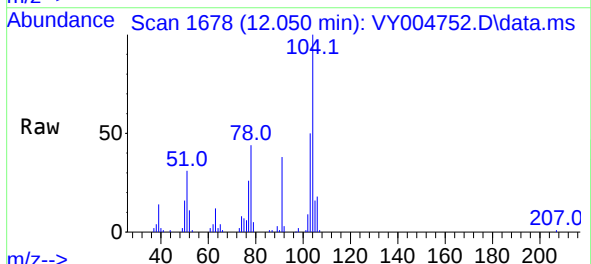
Tgt Ion:106 Resp: 13060
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.7

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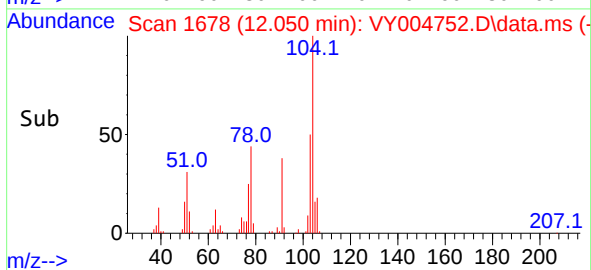
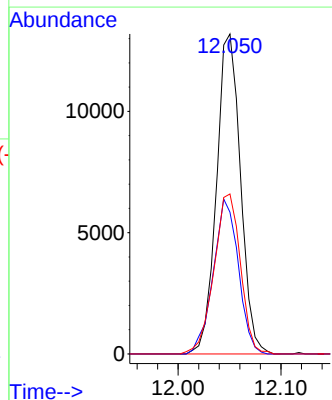
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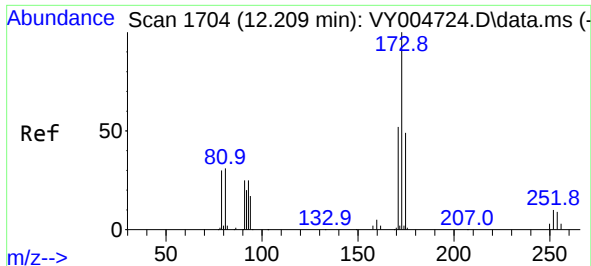


#70
Styrene
Concen: 3.57 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



Tgt Ion:104 Resp: 21379
Ion Ratio Lower Upper
104 100
78 50.6 40.3 60.5
103 55.1 44.2 66.4





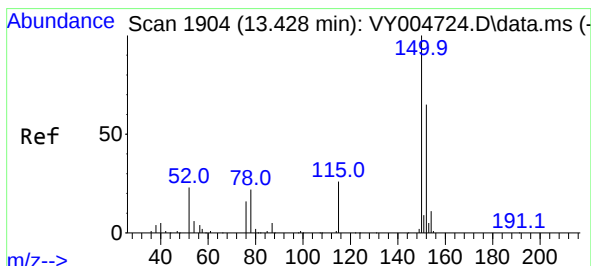
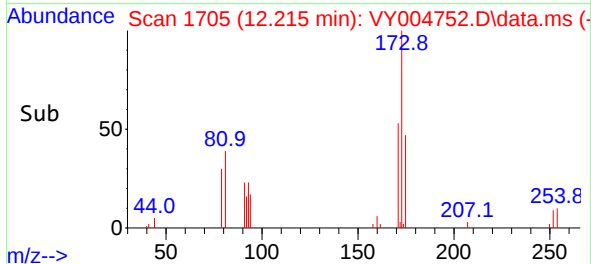
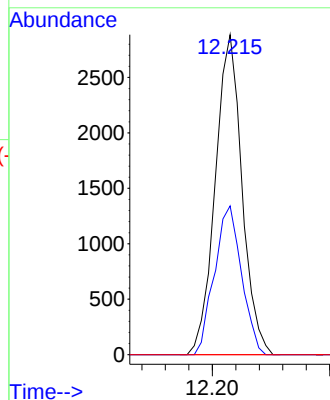
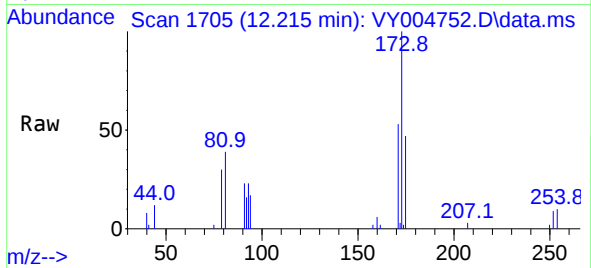
#71
Bromoform
Concen: 3.78 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	173	Resp:	4561
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.1	72.2
254	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
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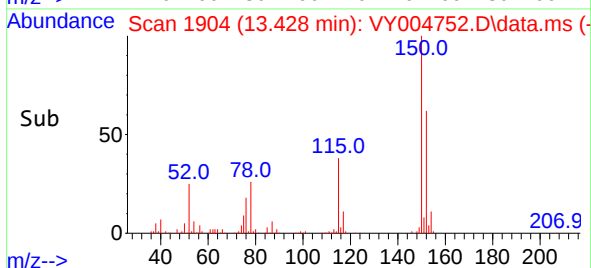
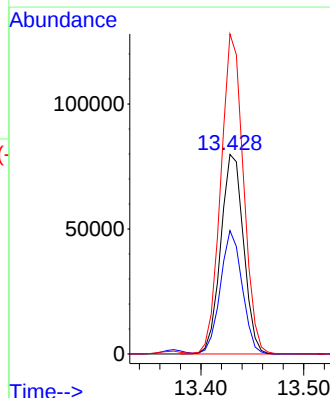
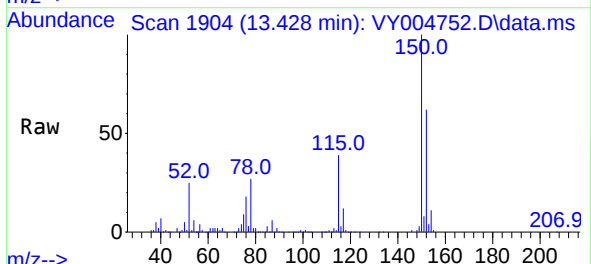
Manual Integrations
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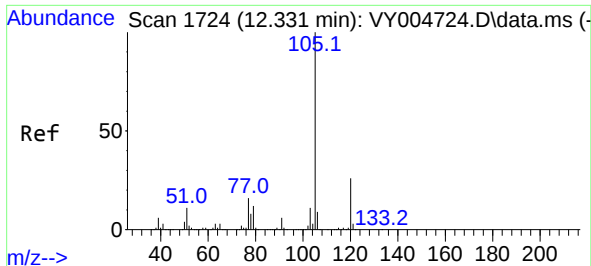
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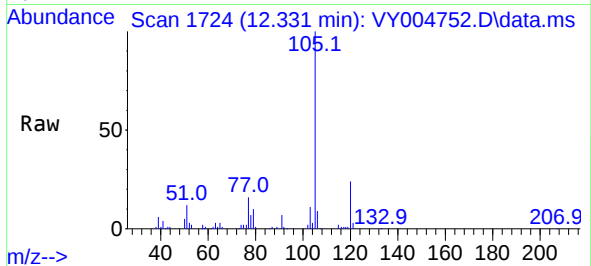
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	152	Resp:	122735
Ion Ratio	Lower	Upper	
152	100		
115	59.1	29.4	88.3
150	158.8	0.0	349.8

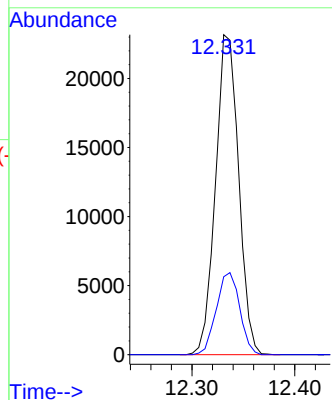
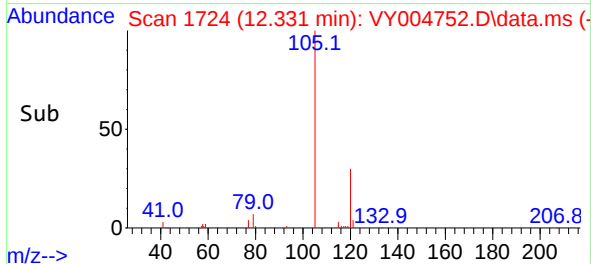




#73
Isopropylbenzene
Concen: 3.91 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



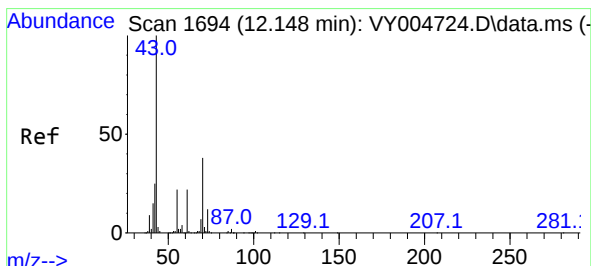
Tgt Ion: 105 Resp: 36163
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



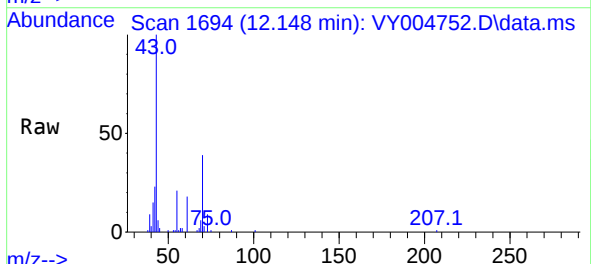
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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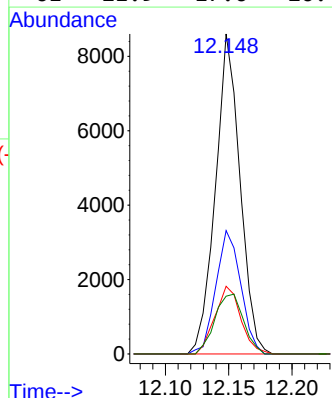
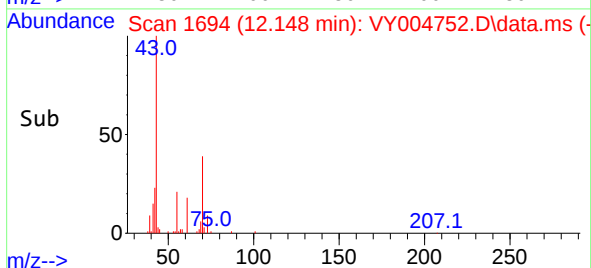
MMDadoda
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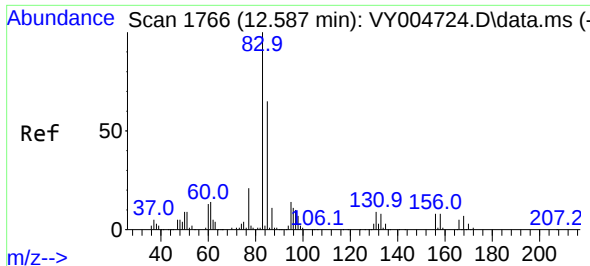


#74
N-ethyl acetate
Concen: 3.54 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



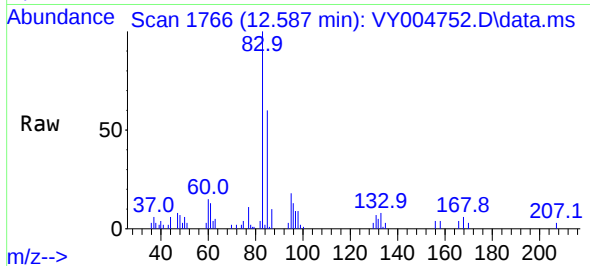
Tgt Ion: 43 Resp: 11591
Ion Ratio Lower Upper
43 100
70 39.1 30.2 45.2
55 22.3 17.8 26.8
61 21.9 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 3.99 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

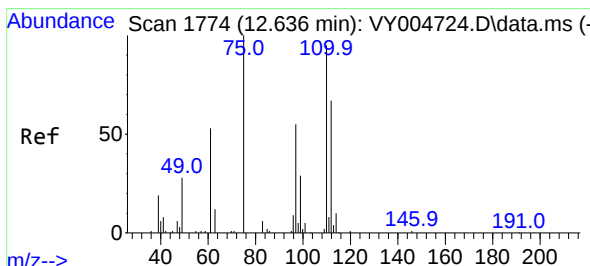
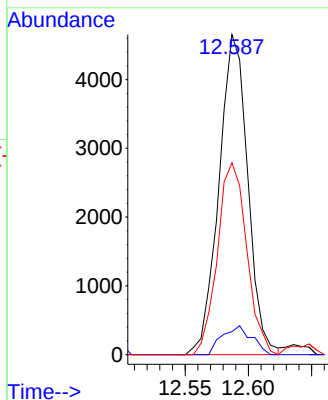
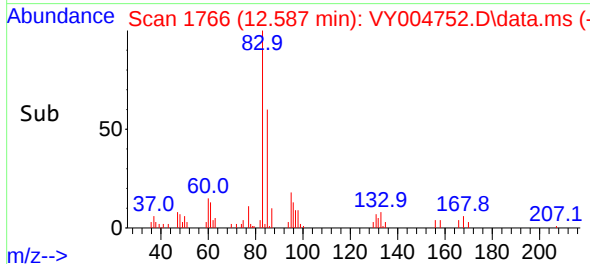
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



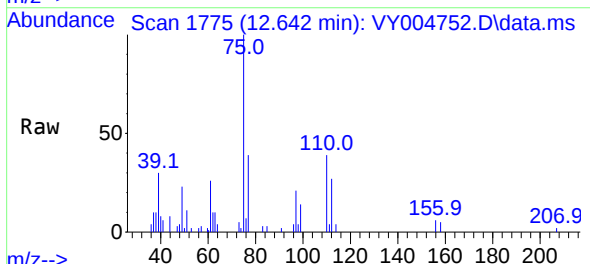
Tgt Ion: 83 Resp: 7373
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 60.8 32.1 96.5

Manual Integrations
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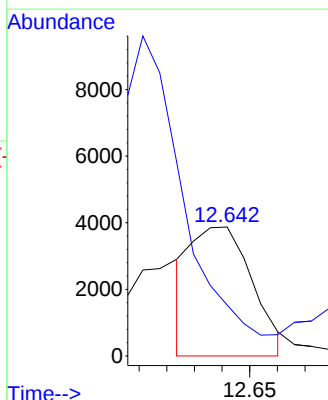
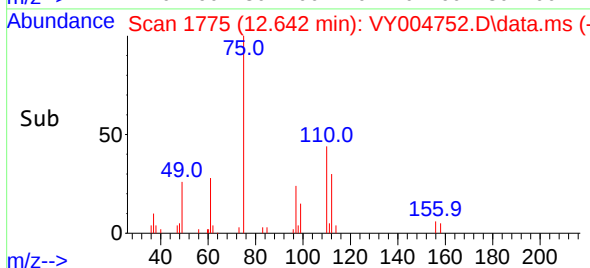
MMDadoda
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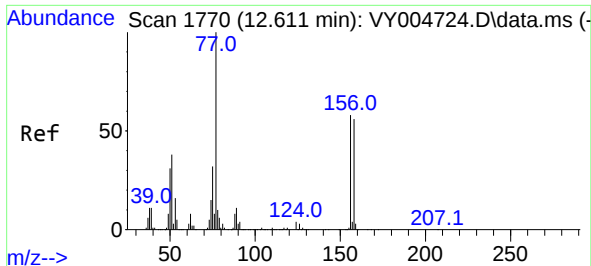


#76
1,2,3-Trichloropropane
Concen: 4.60 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



Tgt Ion: 75 Resp: 5994
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





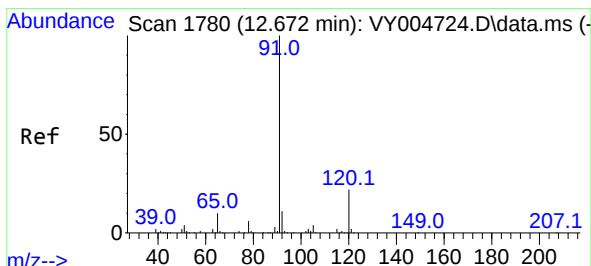
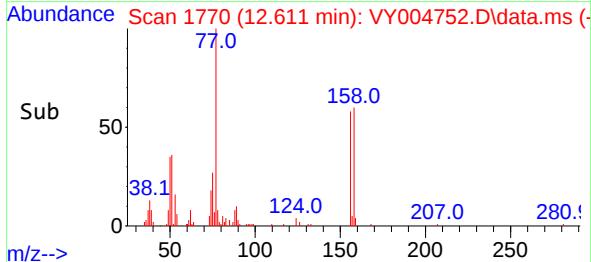
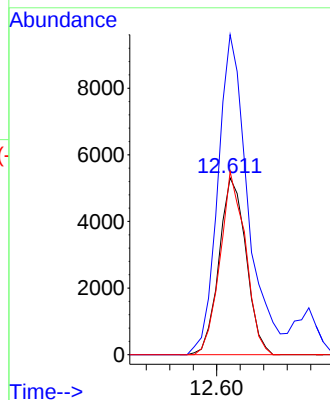
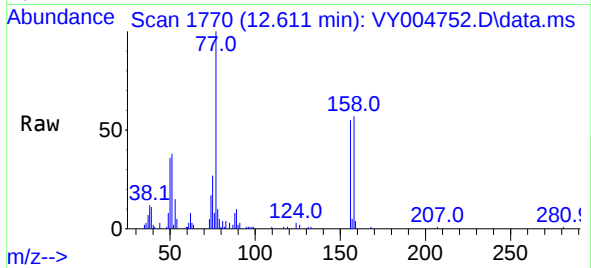
#77
Bromobenzene
Concen: 4.05 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 156 Resp: 8462
Ion Ratio Lower Upper
156 100
77 200.8 100.6 301.9
158 97.6 48.8 146.3

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

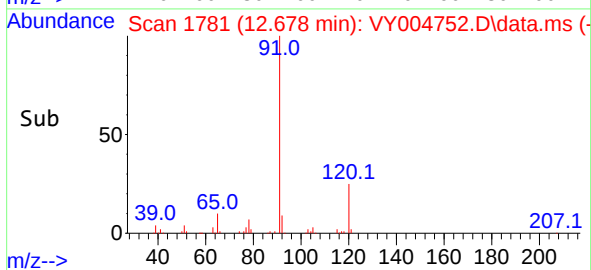
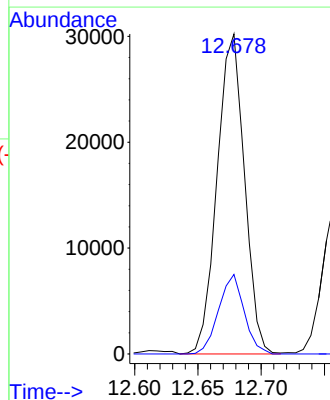
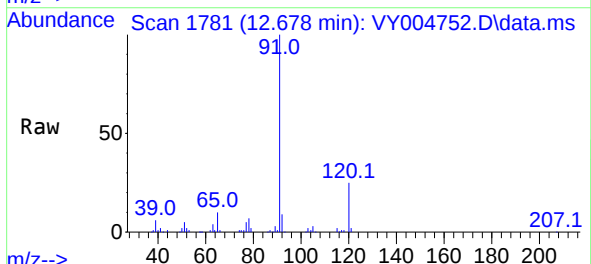
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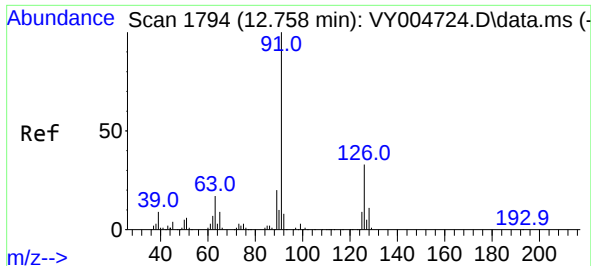
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#78
n-propylbenzene
Concen: 4.02 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 91 Resp: 45404
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.3





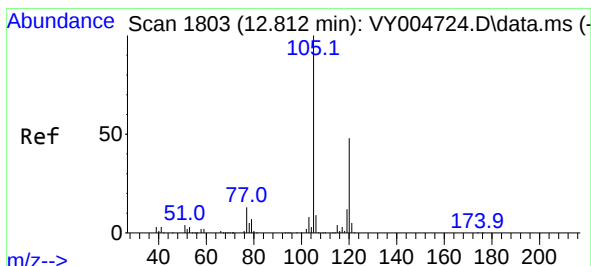
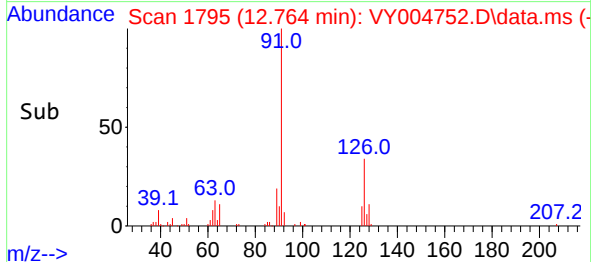
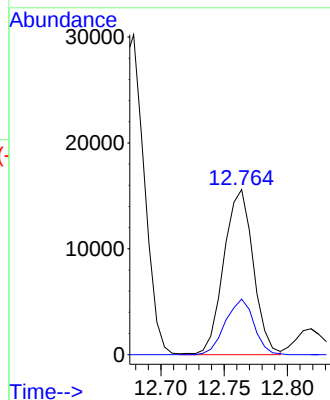
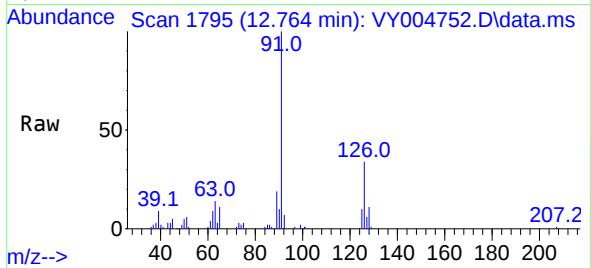
#79
2-Chlorotoluene
Concen: 4.08 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion: 91 Resp: 25276
Ion Ratio Lower Upper
91 100
126 32.6 16.8 50.3

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

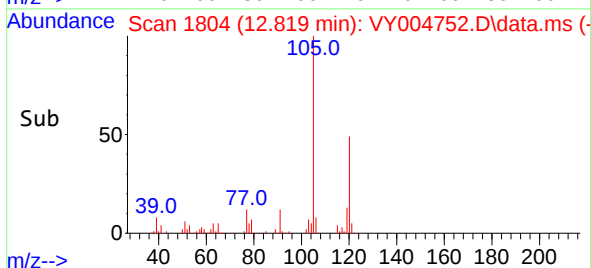
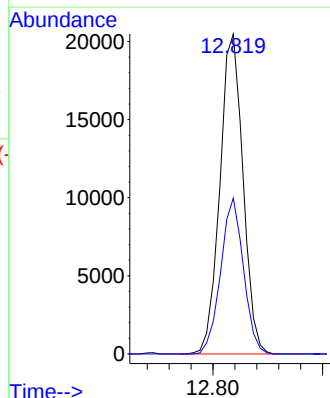
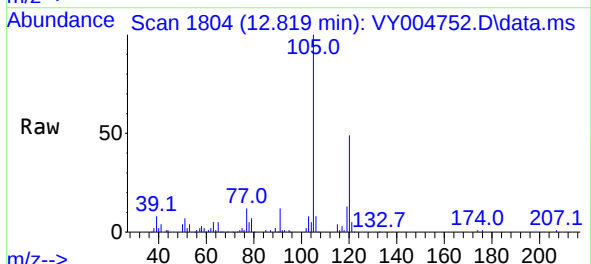
Manual Integrations
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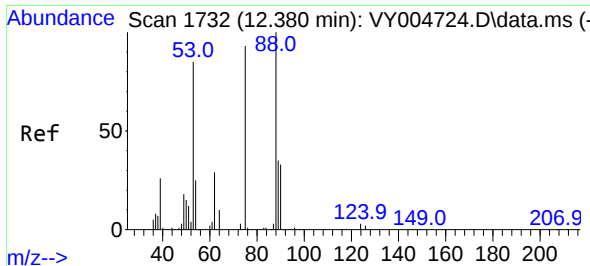
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#80
1,3,5-Trimethylbenzene
Concen: 3.90 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

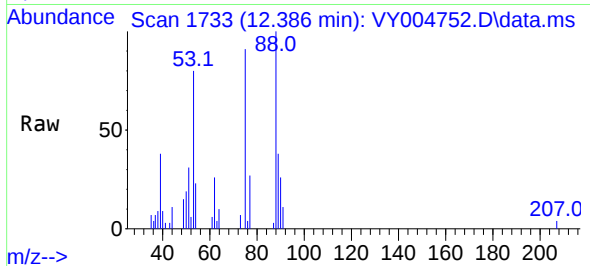
Tgt Ion: 105 Resp: 29955
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.84 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

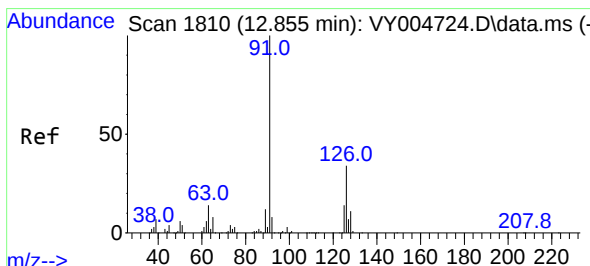
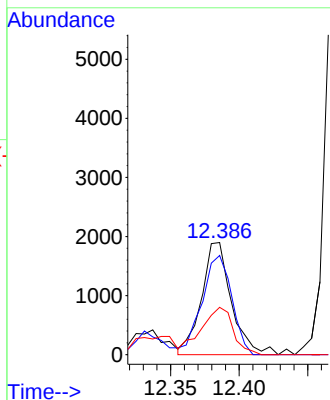
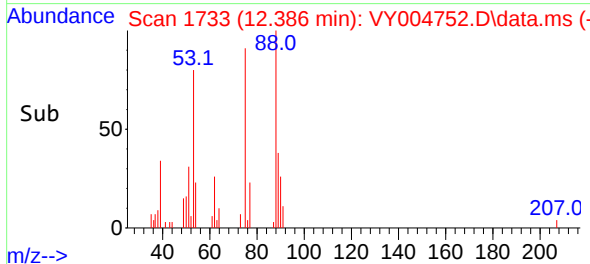
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



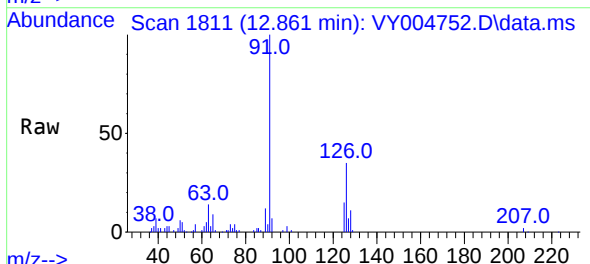
Tgt Ion: 75 Resp: 2890
Ion Ratio Lower Upper
75 100
53 87.9 73.9 110.9
89 45.3 35.5 53.3

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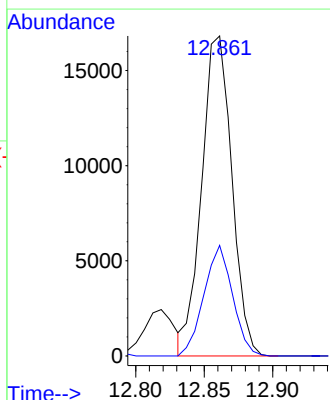
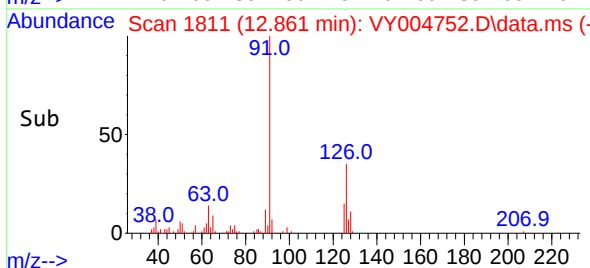
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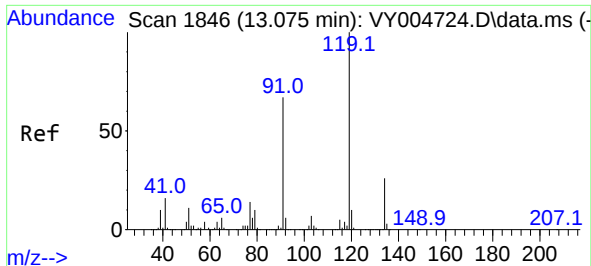


#82
4-Chlorotoluene
Concen: 4.00 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



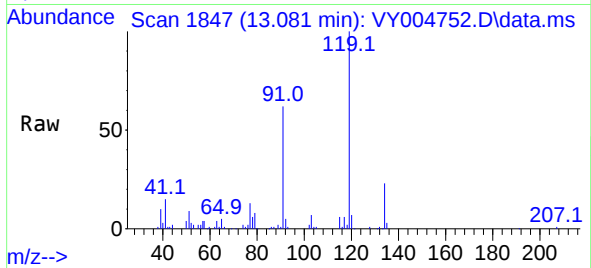
Tgt Ion: 91 Resp: 25761
Ion Ratio Lower Upper
91 100
126 32.8 16.8 50.3





#83
tert-Butylbenzene
Concen: 3.89 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

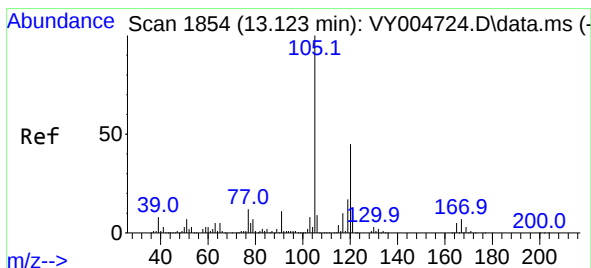
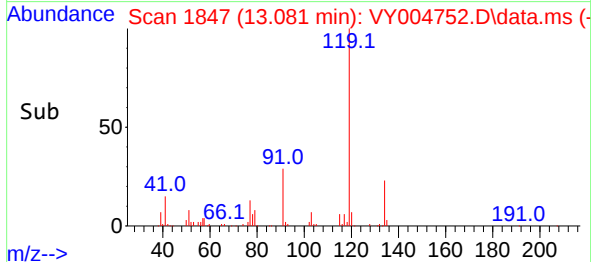
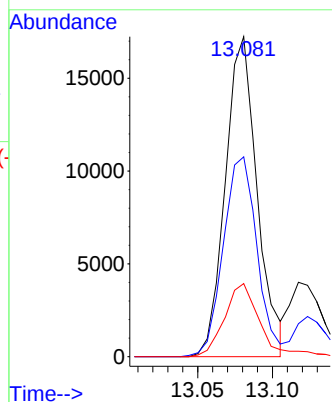
Instrument :
MSVOA_Y
ClientSampleId :
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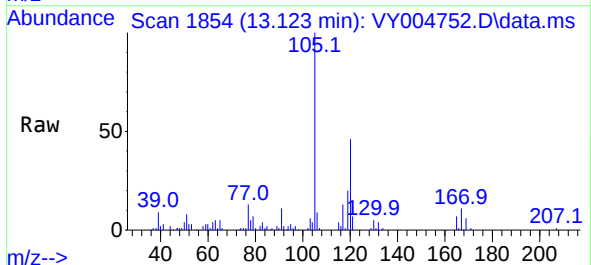
Tgt Ion:119 Resp: 25562
Ion Ratio Lower Upper
119 100
91 65.8 32.3 96.8
134 25.5 12.9 38.7

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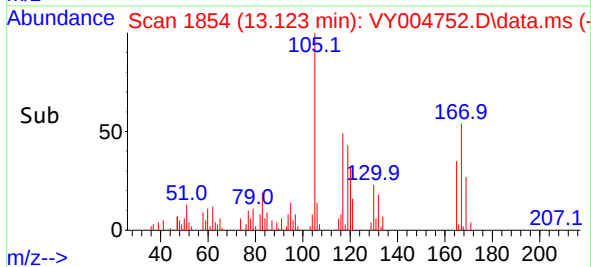
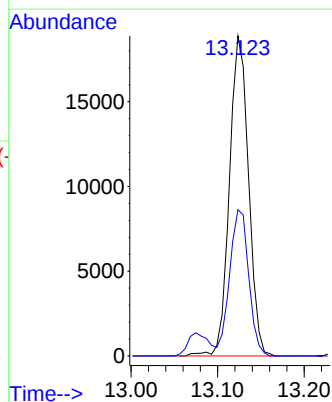
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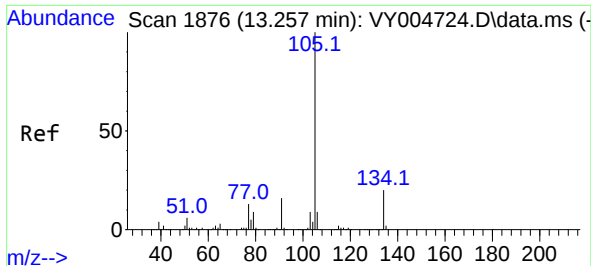


#84
1,2,4-Trimethylbenzene
Concen: 3.76 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

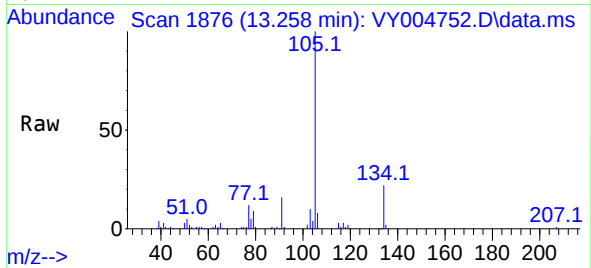


Tgt Ion:105 Resp: 28938
Ion Ratio Lower Upper
105 100
120 45.5 22.5 67.5

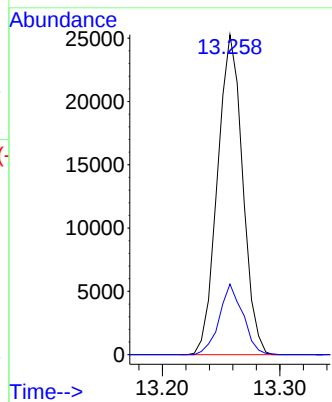
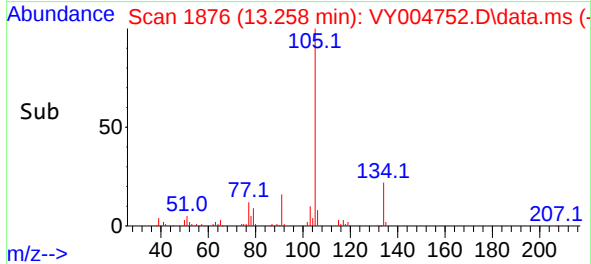




#85
sec-Butylbenzene
Concen: 3.94 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



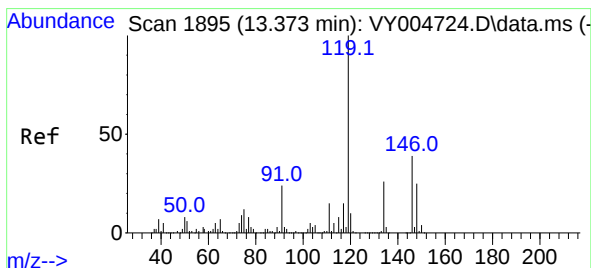
Tgt Ion:105 Resp: 37612
Ion Ratio Lower Upper
105 100
134 20.8 10.0 29.8



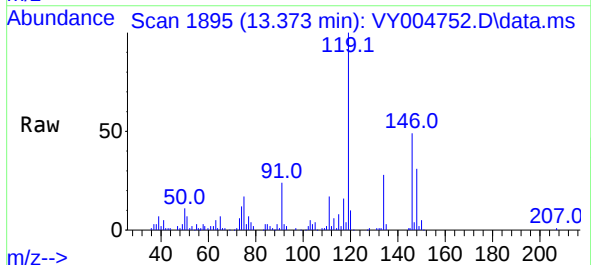
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021

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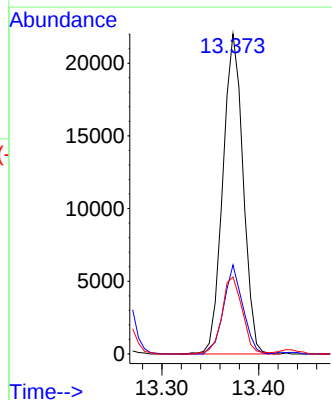
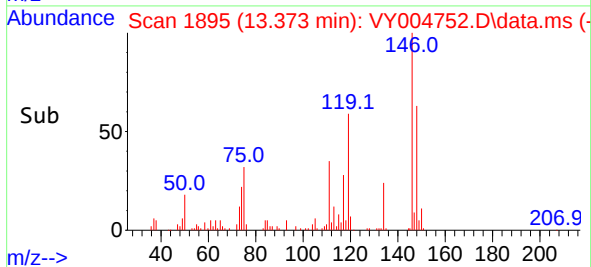
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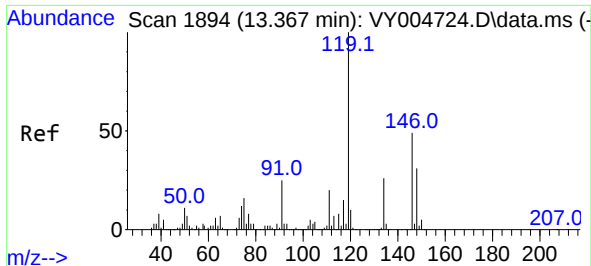


#86
p-Isopropyltoluene
Concen: 3.86 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

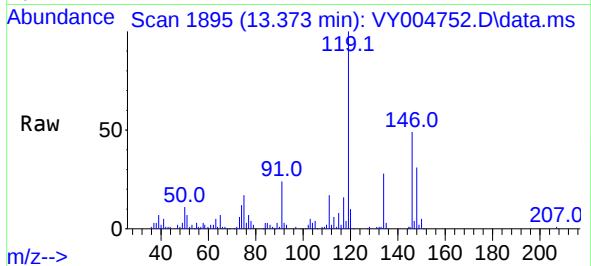


Tgt Ion:119 Resp: 31967
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.7
91 24.3 12.0 36.1

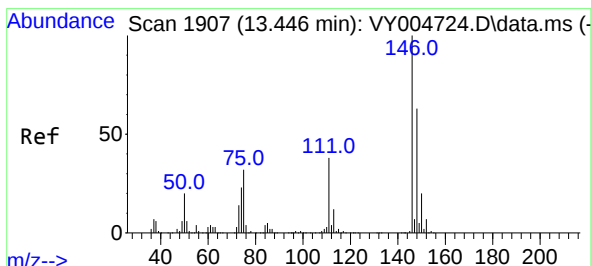
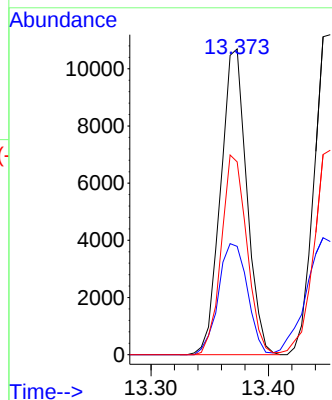
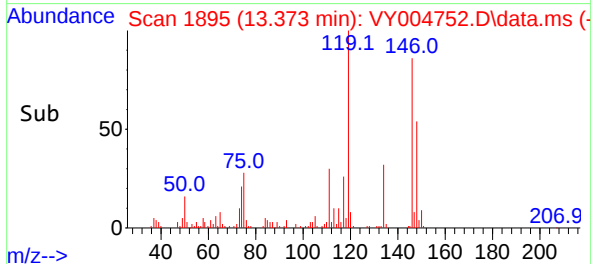




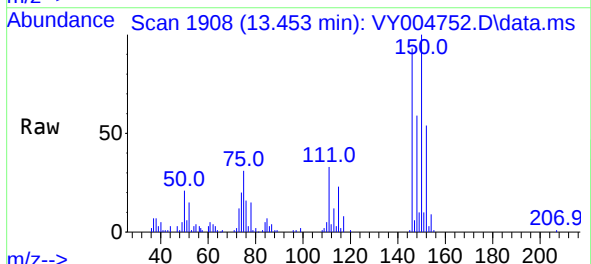
#87
1,3-Dichlorobenzene
Concen: 4.04 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



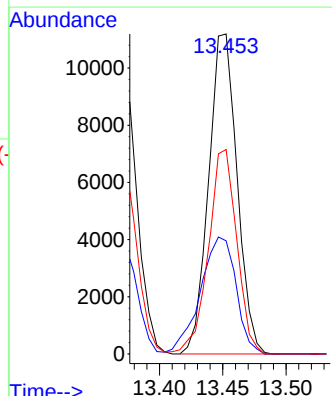
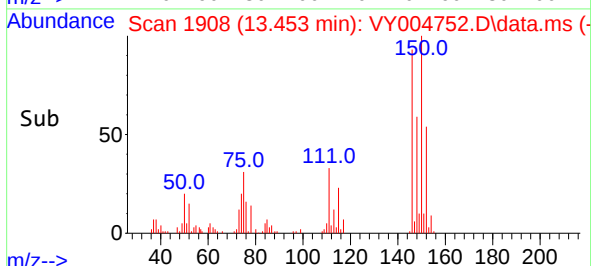
Tgt Ion:146 Resp: 16557
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 4.34 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



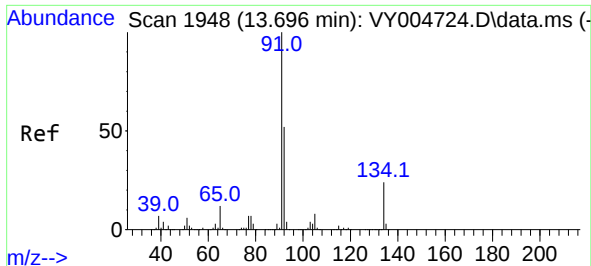
Tgt Ion:146 Resp: 17534
Ion Ratio Lower Upper
146 100
111 45.8 19.6 58.8
148 63.6 31.9 95.5



Instrument :
MSVOA_Y
ClientSampleId :
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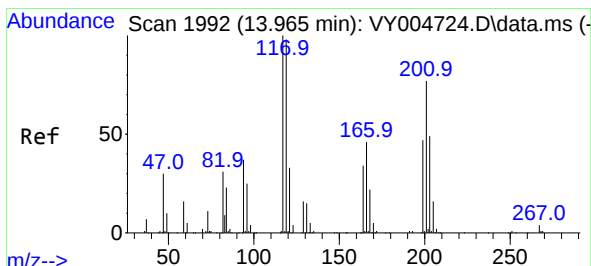
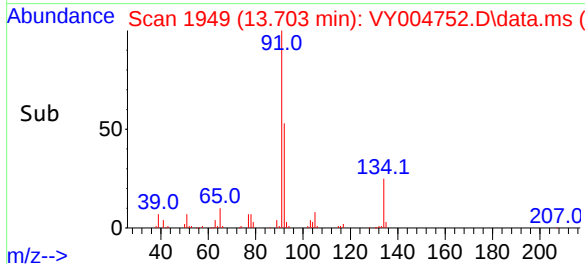
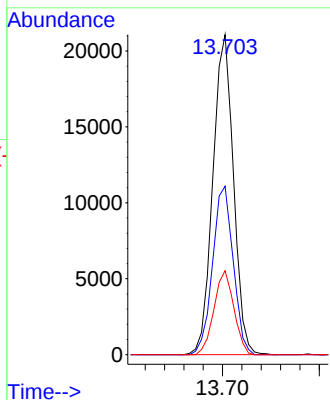
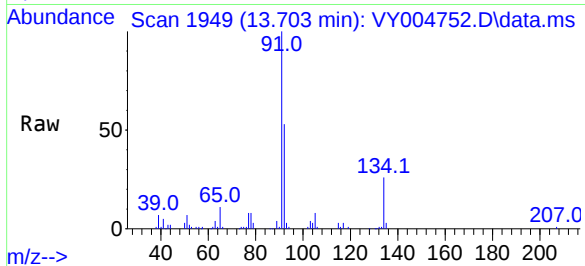
#89
n-Butylbenzene
Concen: 3.85 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	91	Resp:	31103
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

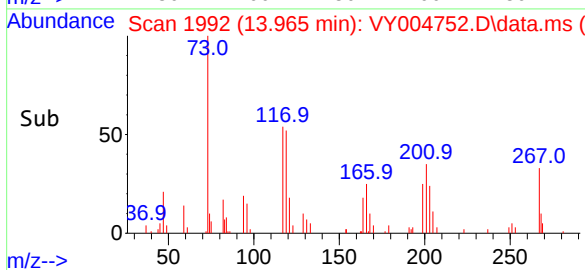
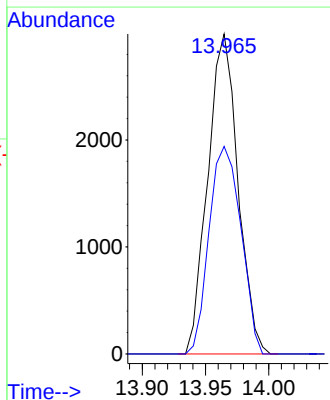
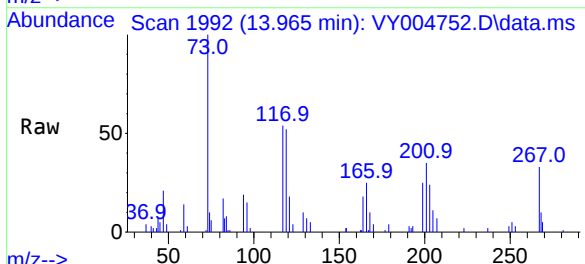
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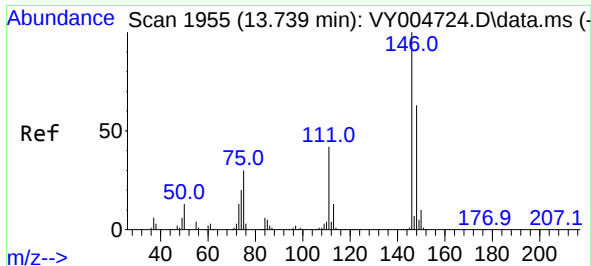
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#90
Hexachloroethane
Concen: 4.26 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

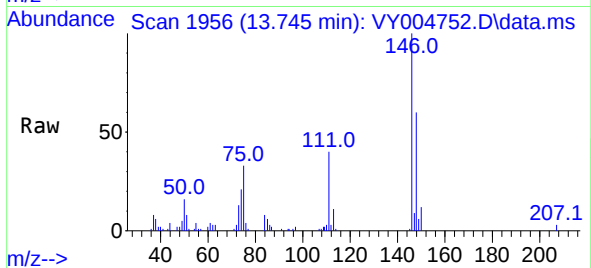
Tgt Ion:	117	Resp:	4967
Ion	Ratio	Lower	Upper
117	100		
201	68.5	35.9	107.8





#91
1,2-Dichlorobenzene
Concen: 4.10 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

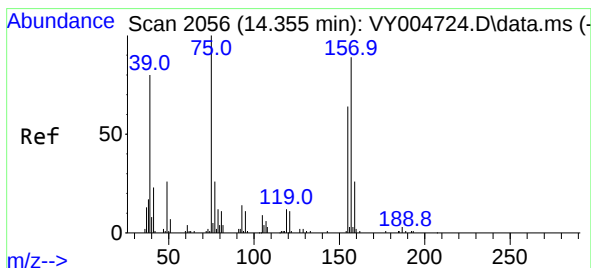
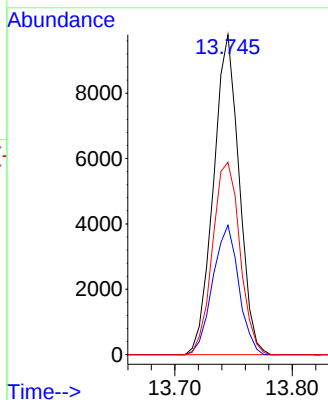
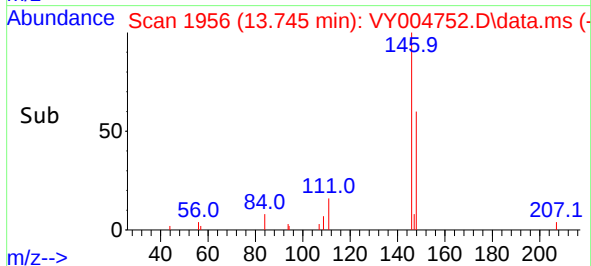
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2021



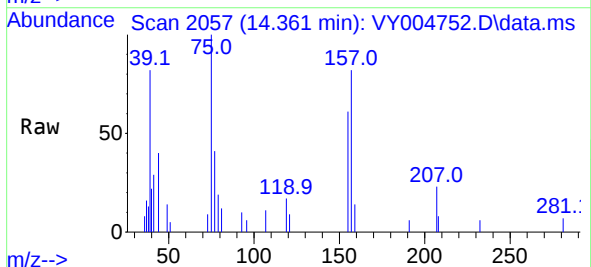
Tgt Ion:146 Resp: 14847
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.7
148 64.2 31.8 95.3

Manual Integrations
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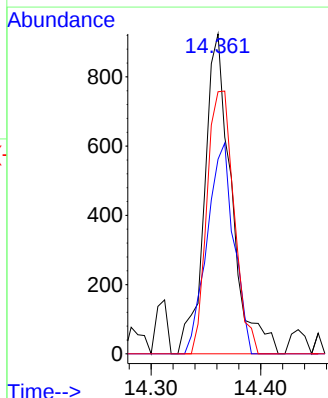
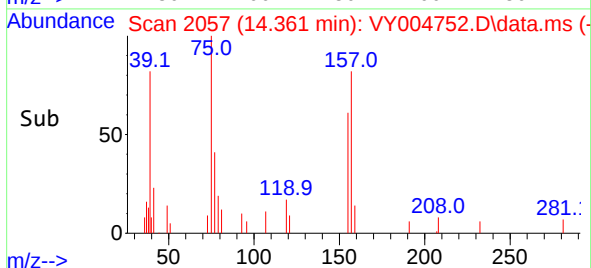
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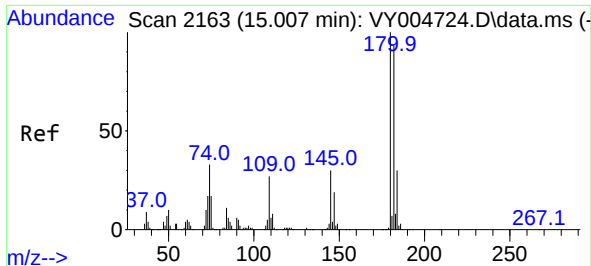


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.58 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44



Tgt Ion: 75 Resp: 1582
Ion Ratio Lower Upper
75 100
155 65.4 39.0 117.0
157 82.0 50.2 150.7





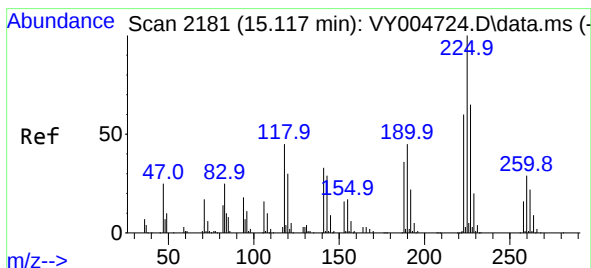
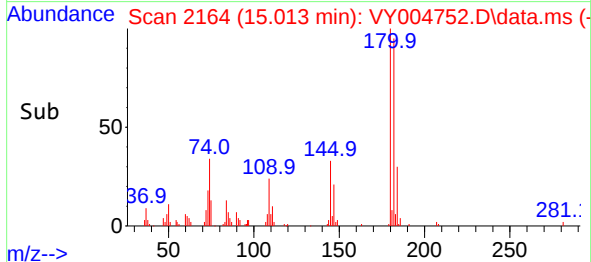
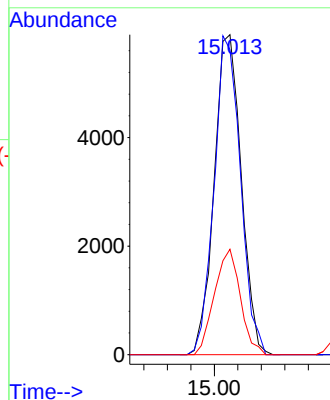
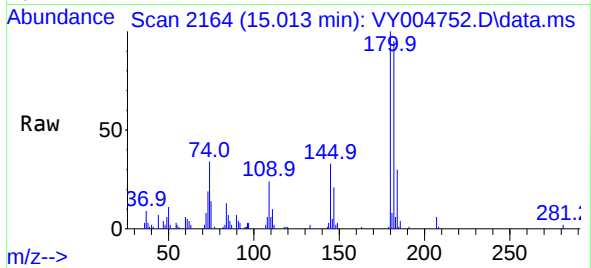
#93
1,2,4-Trichlorobenzene
Concen: 4.05 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	180	Resp:	9431
Ion Ratio	Lower	Upper	
180	100		
182	96.9	46.9	140.8
145	31.6	15.4	46.4

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

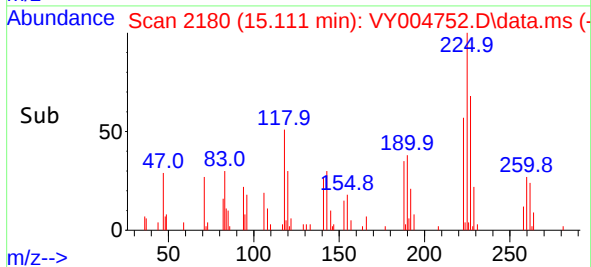
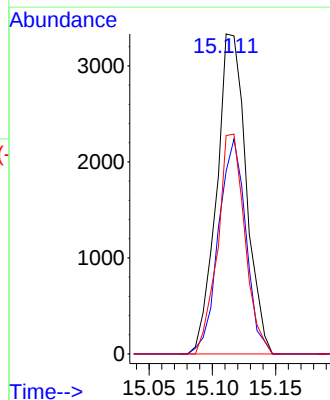
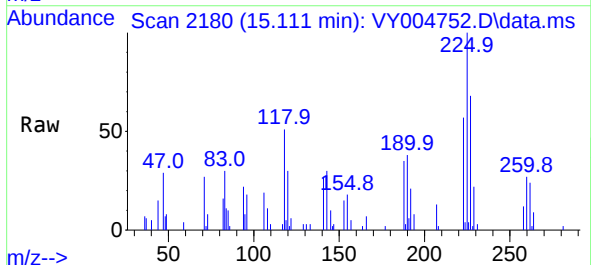
Manual Integrations
APPROVED

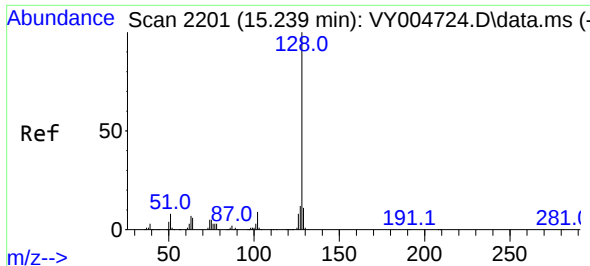
MMDadoda
5/13/2021 4:08:26 PM



#94
Hexachlorobutadiene
Concen: 4.30 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	225	Resp:	5424
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.1	93.3
227	63.0	31.3	93.9





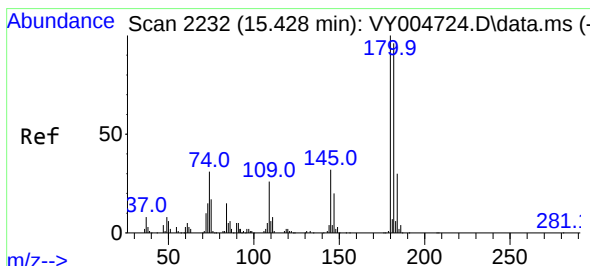
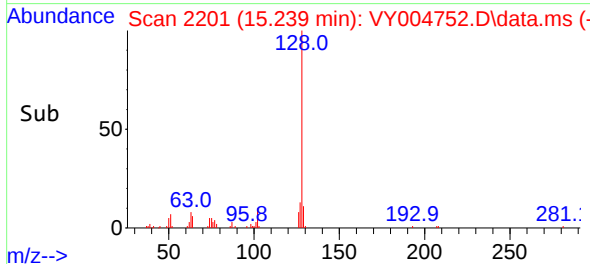
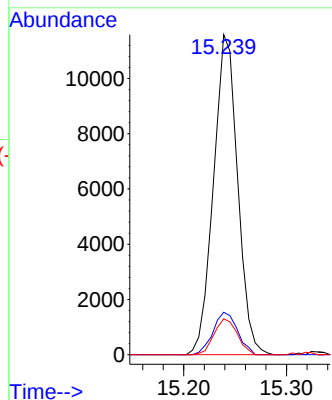
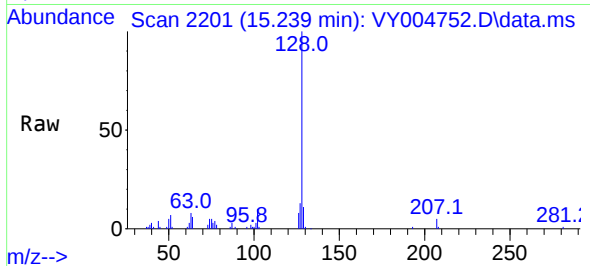
#95
Naphthalene
Concen: 3.75 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	128	Resp:	18898
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.2	15.2
129	10.8	8.6	13.0

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

Manual Integrations
APPROVED

MMDadoda
5/13/2021 4:08:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.09 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004752.D
Acq: 12 May 2021 12:44

Tgt Ion:	180	Resp:	8445
Ion Ratio	Lower	Upper	
180	100		
182	89.8	47.9	143.7
145	30.7	16.3	48.8

