

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101221\
 Data File : VY006375.D
 Acq On : 12 Oct 2021 12:41
 Operator : SY/MD
 Sample : M4068-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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Quant Time: Oct 13 08:04:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 08:03:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.844	168	111088	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.722	114	170372	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	157371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.185	65	61157	51.437	ug/l	0.04
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.880%			
35) Dibromofluoromethane	7.764	113	45718	50.227	ug/l	0.04
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.460%			
50) Toluene-d8	10.197	98	181256	47.580	ug/l	0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.160%			
62) 4-Bromofluorobenzene	12.483	95	60966	47.110	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.022	85	4109m	3.647	ug/l	
3) Chloromethane	2.296	50	5909m	4.502	ug/l	
4) Vinyl Chloride	2.375	62	6886m	4.734	ug/l	
5) Bromomethane	2.784	94	4800m	5.078	ug/l	
6) Chloroethane	2.912	64	3556m	4.155	ug/l	
7) Trichlorofluoromethane	3.253	101	7904	4.125	ug/l	96
8) Diethyl Ether	3.643	74	2597	4.104	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.015	101	4269	4.174	ug/l	94
10) Methyl Iodide	4.216	142	2711m	2.432	ug/l	
11) Tert butyl alcohol	5.094	59	2158	20.749	ug/l #	81
12) 1,1-Dichloroethene	3.997	96	4326	4.158	ug/l	80
13) Acrolein	3.844	56	1354	20.444	ug/l	99
14) Allyl chloride	4.600	41	8140	4.068	ug/l	96
15) Acrylonitrile	5.277	53	6867	20.631	ug/l	98
16) Acetone	4.082	43	5602	16.869	ug/l	90
17) Carbon Disulfide	4.320	76	13796	3.965	ug/l	98
18) Methyl Acetate	4.594	43	5111	4.564	ug/l	98
19) Methyl tert-butyl Ether	5.326	73	11976	3.942	ug/l	99
20) Methylene Chloride	4.844	84	7802	6.037	ug/l	97
21) trans-1,2-Dichloroethene	5.332	96	4680	4.057	ug/l	97
22) Diisopropyl ether	6.204	45	14808	3.741	ug/l	95
23) Vinyl Acetate	6.143	43	42989	18.119	ug/l #	93
24) 1,1-Dichloroethane	6.112	63	8721	4.104	ug/l #	97
25) 2-Butanone	7.051	43	8797	19.017	ug/l	96
26) 2,2-Dichloropropane	7.051	77	8373	4.309	ug/l	100
27) cis-1,2-Dichloroethene	7.057	96	5572	4.313	ug/l	90
28) Bromochloromethane	7.393	49	3834	4.333	ug/l #	96
29) Tetrahydrofuran	7.405	42	5589	19.128	ug/l	94
30) Chloroform	7.563	83	9062	4.275	ug/l	89
31) Cyclohexane	7.838	56	10365	4.601	ug/l #	88
32) 1,1,1-Trichloroethane	7.752	97	8499	4.342	ug/l	99
36) 1,1-Dichloropropene	7.966	75	6923	4.084	ug/l	99
37) Ethyl Acetate	7.130	43	4036	4.087	ug/l	96
38) Carbon Tetrachloride	7.941	117	7890	4.408	ug/l #	96
39) Methylcyclohexane	9.209	83	8134	3.820	ug/l	95
40) Benzene	8.203	78	20219	4.204	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	2578m	4.025	ug/l	
42) 1,2-Dichloroethane	8.277	62	7018	4.529	ug/l	98
43) Isopropyl Acetate	8.307	43	7366	3.889	ug/l	94
44) Trichloroethene	8.965	130	5286	4.256	ug/l	94
45) 1,2-Dichloropropane	9.240	63	4906	4.144	ug/l	89
46) Dibromomethane	9.331	93	2712	4.302	ug/l	96
47) Bromodichloromethane	9.514	83	7061	4.350	ug/l #	95
48) Methyl methacrylate	9.313	41	3442	3.788	ug/l	97
49) 1,4-Dioxane	9.325	88	741	90.090	ug/l #	83
51) 4-Methyl-2-Pentanone	10.087	43	18674	18.989	ug/l	99
52) Toluene	10.264	92	12285	4.118	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	7353	4.155	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	7905	4.063	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	3512	3.959	ug/l	98
56) Ethyl methacrylate	10.526	69	4819	3.574	ug/l	95
57) 1,3-Dichloropropane	10.801	76	6426	4.003	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.801	63	14141	21.405	ug/l	96
59) 2-Hexanone	10.843	43	12973	18.522	ug/l	99
60) Dibromochloromethane	10.996	129	4634	4.300	ug/l	99
61) 1,2-Dibromoethane	11.099	107	3418	4.070	ug/l	99
64) Tetrachloroethene	10.727	164	5293	4.176	ug/l	91
65) Chlorobenzene	11.526	112	12300	3.945	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	4690	4.082	ug/l	96
67) Ethyl Benzene	11.599	91	21906	3.727	ug/l	100
68) m/p-Xylenes	11.709	106	17158	7.693	ug/l	96
69) o-Xylene	12.038	106	8037	3.815	ug/l	95
70) Styrene	12.050	104	13321	3.724	ug/l	98
71) Bromoform	12.209	173	2996	4.193	ug/l #	96
73) Isopropylbenzene	12.337	105	20786	3.403	ug/l	98
74) N-amyl acetate	12.148	43	5784	3.051	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	4320	3.916	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	3212m	3.875	ug/l	
77) Bromobenzene	12.611	156	5495	3.837	ug/l	94
78) n-propylbenzene	12.672	91	27145	3.610	ug/l	99
79) 2-Chlorotoluene	12.757	91	15415	3.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	18398	3.602	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	1386	3.286	ug/l	90
82) 4-Chlorotoluene	12.855	91	15774	3.665	ug/l	100
83) tert-Butylbenzene	13.081	119	16499	3.778	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	17674	3.504	ug/l	97
85) sec-Butylbenzene	13.257	105	23230	3.520	ug/l	98
86) p-Isopropyltoluene	13.373	119	20207	3.628	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	10813	3.810	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	11475	4.101	ug/l	93
89) n-Butylbenzene	13.696	91	19230	3.634	ug/l	99
90) Hexachloroethane	13.965	117	4204	4.157	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	10138	4.086	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	936	4.453	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	7093	4.326	ug/l	97
94) Hexachlorobutadiene	15.111	225	4699	4.393	ug/l	98
95) Naphthalene	15.239	128	12927	3.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	6483	4.461	ug/l	98

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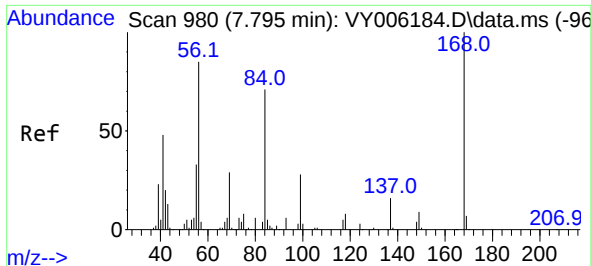
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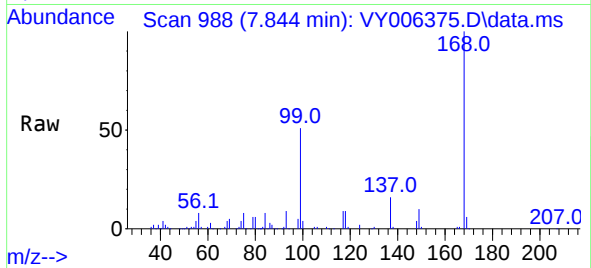
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.844 min Scan# 988
Delta R.T. 0.049 min
Lab File: VY006375.D
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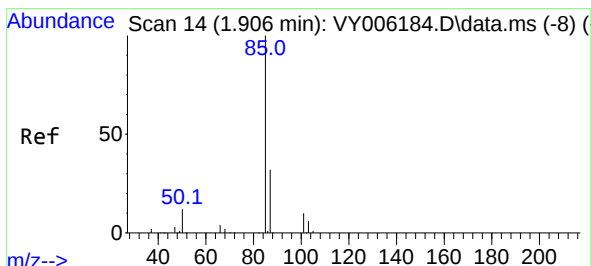
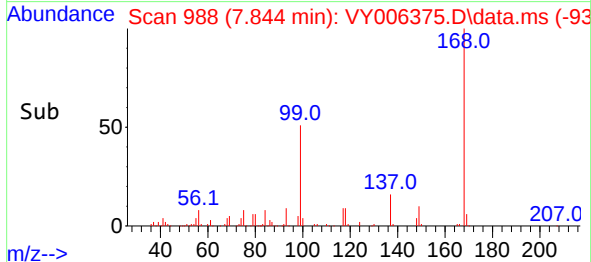
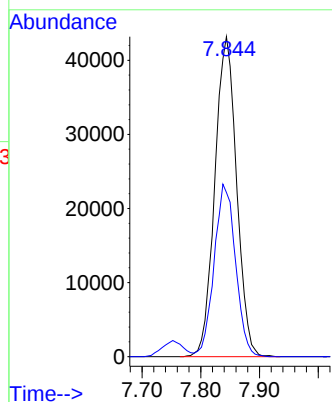
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ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:168 Resp: 111088
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3

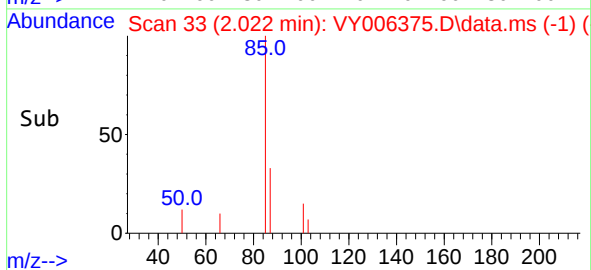
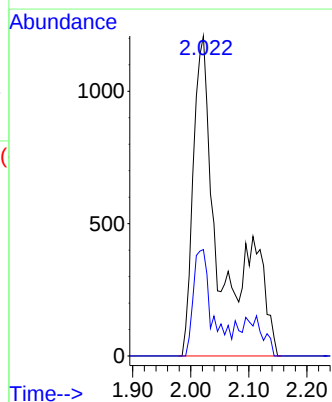
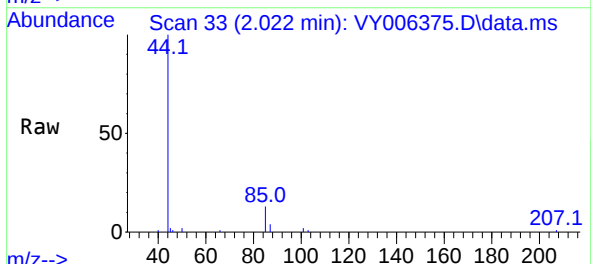
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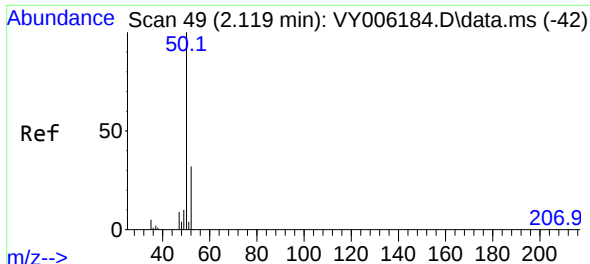
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#2
Dichlorodifluoromethane
Concen: 3.647 ug/l m
RT: 2.022 min Scan# 33
Delta R.T. 0.116 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

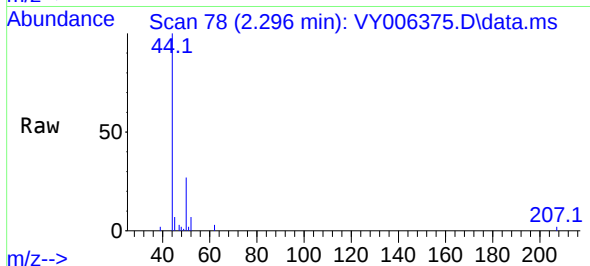
Tgt Ion: 85 Resp: 4109
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.2





#3
Chloromethane
Concen: 4.502 ug/l m
RT: 2.296 min Scan# 78
Delta R.T. 0.177 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

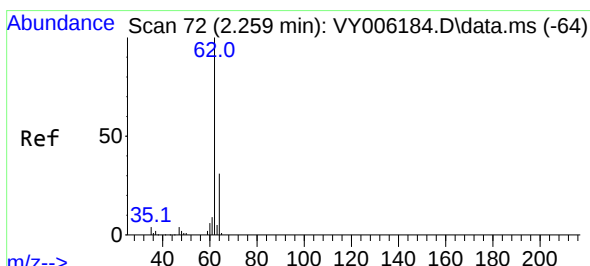
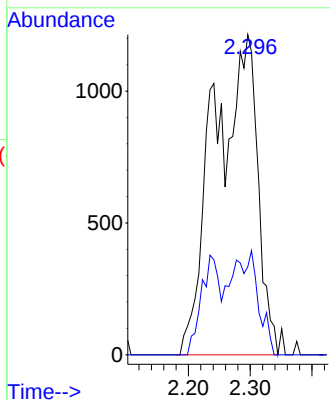
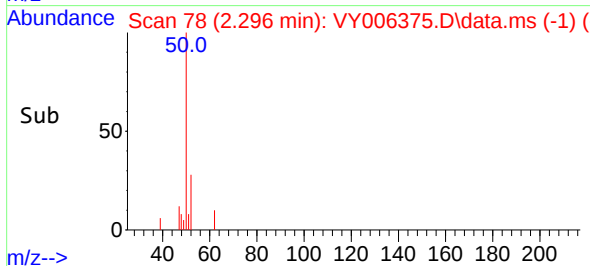
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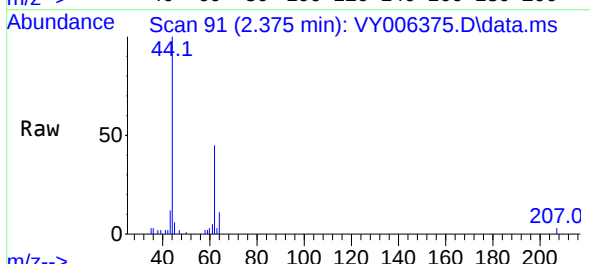
Tgt Ion: 50 Resp: 5909
Ion Ratio Lower Upper
50 100
52 27.5 24.6 37.0

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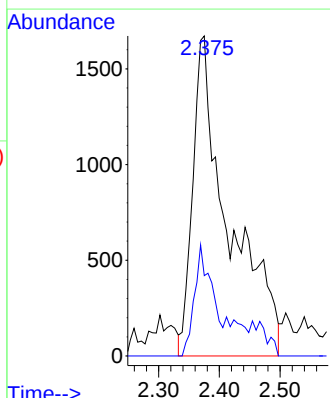
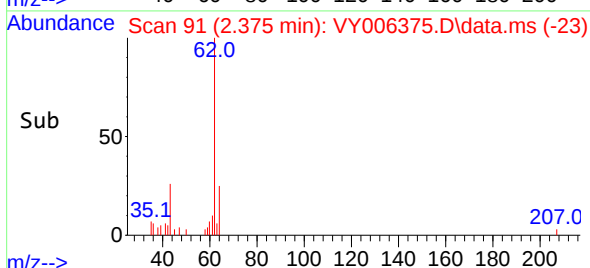
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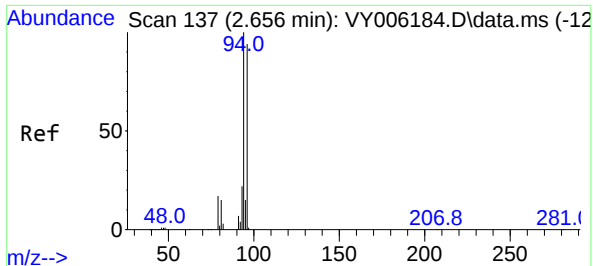


#4
Vinyl Chloride
Concen: 4.734 ug/l m
RT: 2.375 min Scan# 91
Delta R.T. 0.116 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



Tgt Ion: 62 Resp: 6886
Ion Ratio Lower Upper
62 100
64 25.1 25.0 37.6





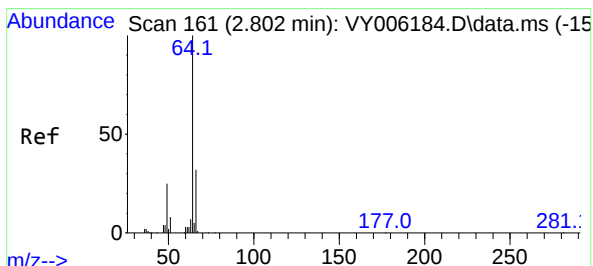
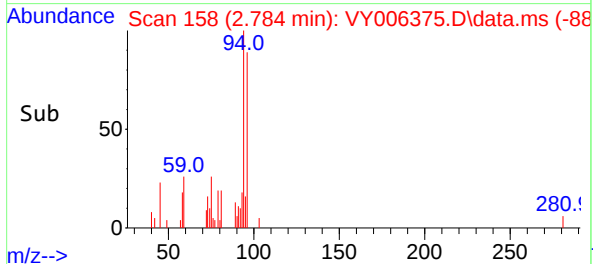
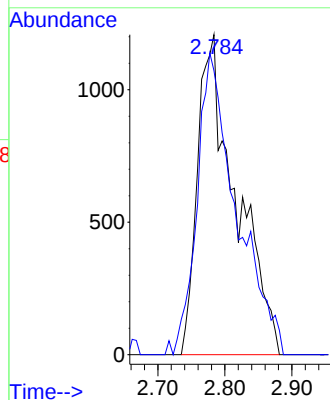
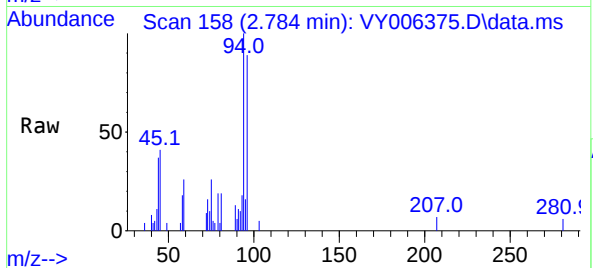
#5
Bromomethane
Concen: 5.078 ug/l m
RT: 2.784 min Scan# 158
Delta R.T. 0.128 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 94 Resp: 4800
Ion Ratio Lower Upper
94 100
96 88.7 73.5 110.3

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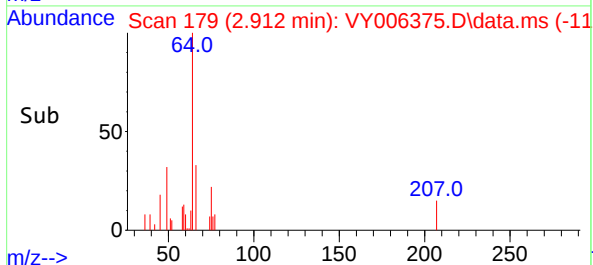
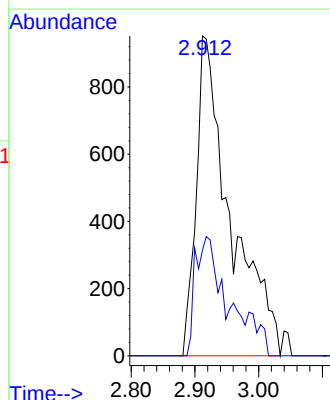
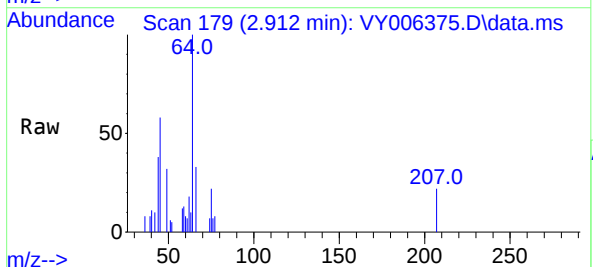
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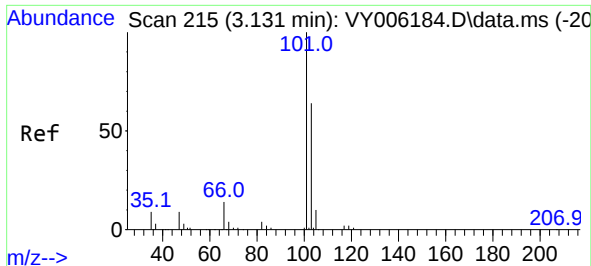
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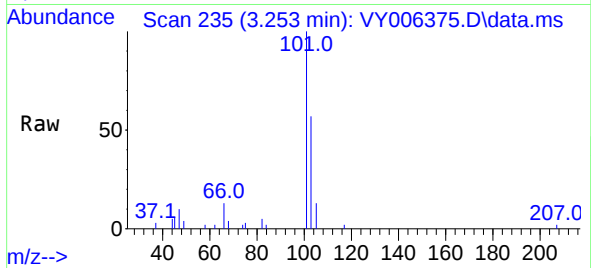
#6
Chloroethane
Concen: 4.155 ug/l m
RT: 2.912 min Scan# 179
Delta R.T. 0.110 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 64 Resp: 3556
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.0

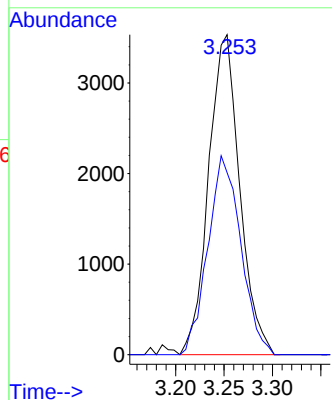




#7
Trichlorofluoromethane
Concen: 4.125 ug/l
RT: 3.253 min Scan# 235
Delta R.T. 0.122 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



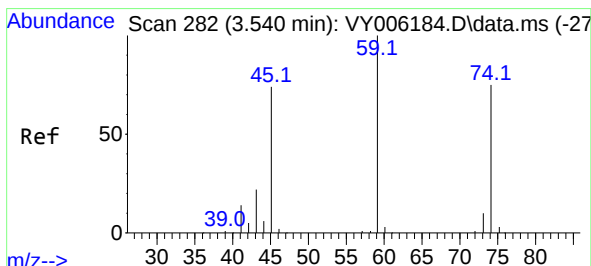
Tgt Ion:101 Resp: 7904
Ion Ratio Lower Upper
101 100
103 56.9 48.0 72.0



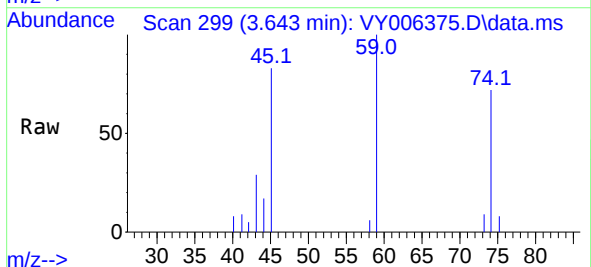
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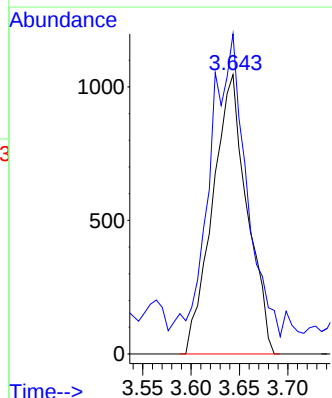
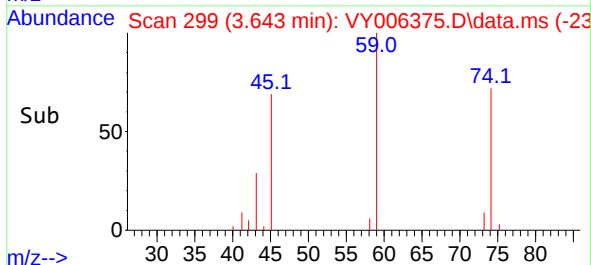
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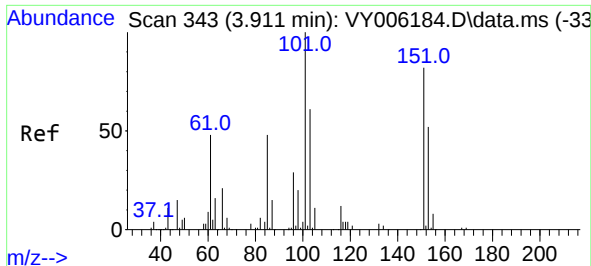


#8
Diethyl Ether
Concen: 4.104 ug/l
RT: 3.643 min Scan# 299
Delta R.T. 0.103 min
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Tgt Ion: 74 Resp: 2597
Ion Ratio Lower Upper
74 100
45 117.4 55.1 165.5





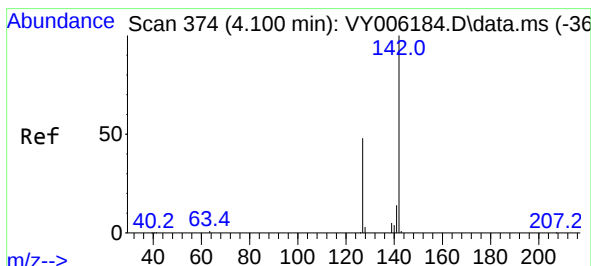
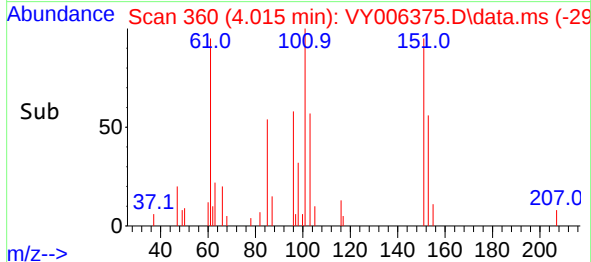
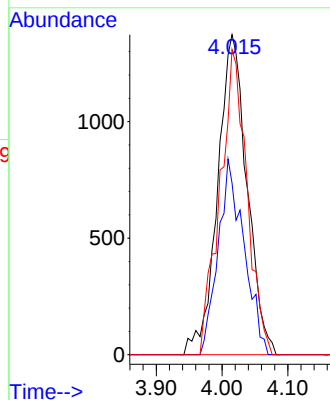
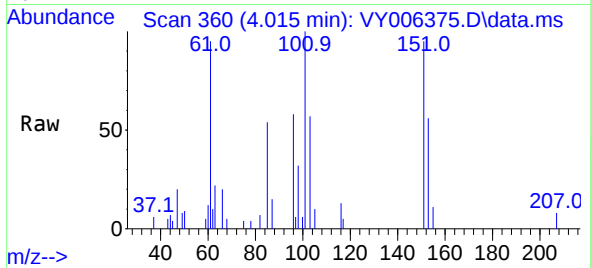
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1,1,2-Trichlorotrifluoroethane
Concen: 4.174 ug/l
RT: 4.015 min Scan# 360
Delta R.T. 0.104 min
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Tgt Ion:	101	Resp:	4269
Ion	Ratio	Lower	Upper
101	100		
85	53.6	40.6	60.8
151	87.7	64.9	97.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

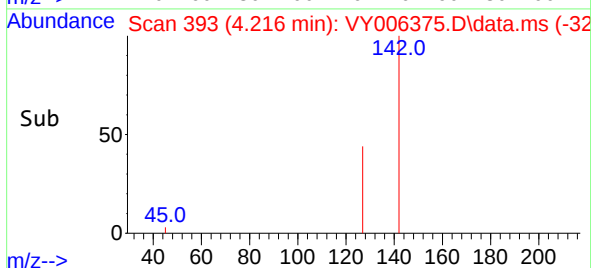
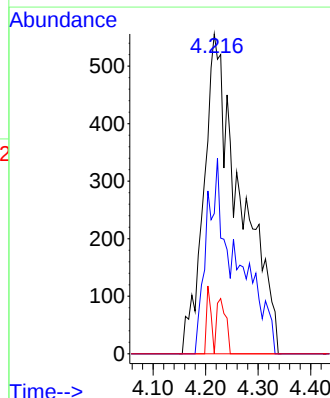
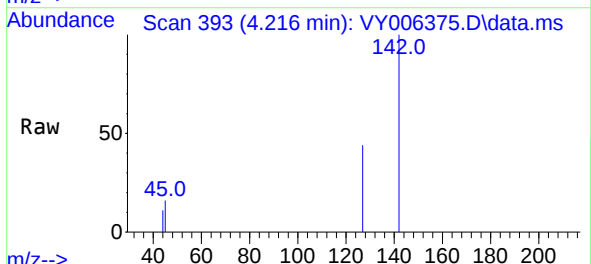
Manual Integrations
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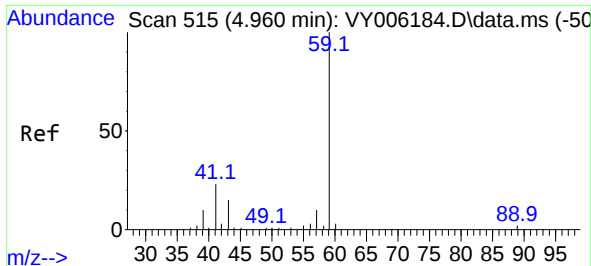
MMDadoda
10/15/2021 6:22:35 PM



#10
Methyl Iodide
Concen: 2.432 ug/l m
RT: 4.216 min Scan# 393
Delta R.T. 0.116 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

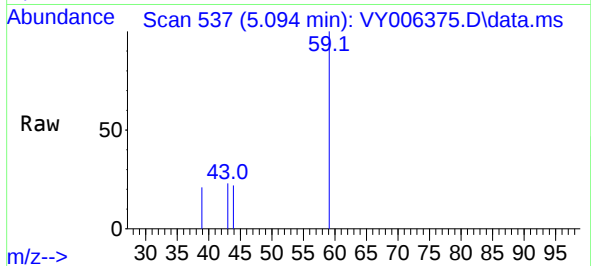
Tgt Ion:	142	Resp:	2711
Ion	Ratio	Lower	Upper
142	100		
127	28.9	41.5	62.3#
141	4.3	11.9	17.9#





#11
Tert butyl alcohol
Concen: 20.749 ug/l
RT: 5.094 min Scan# 537
Delta R.T. 0.134 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

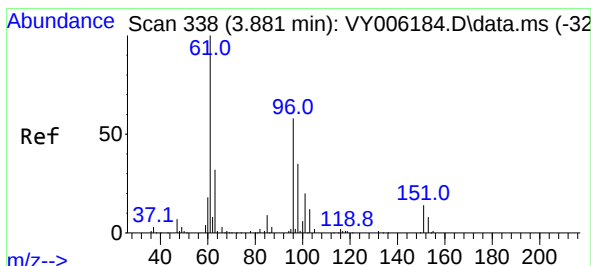
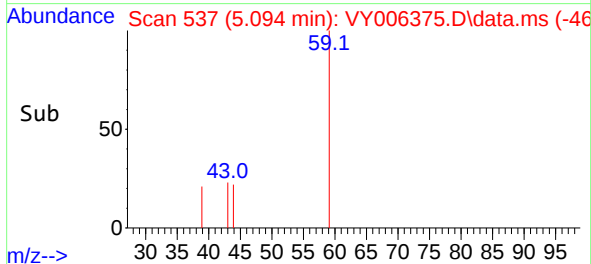
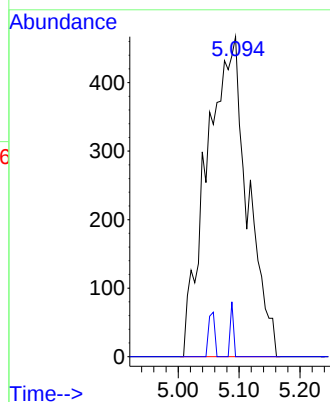
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 59 Resp: 2158
Ion Ratio Lower Upper
59 100
57 1.3 6.4 9.6#

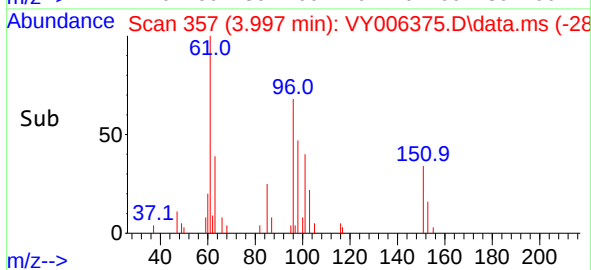
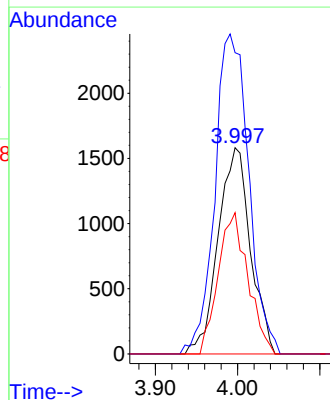
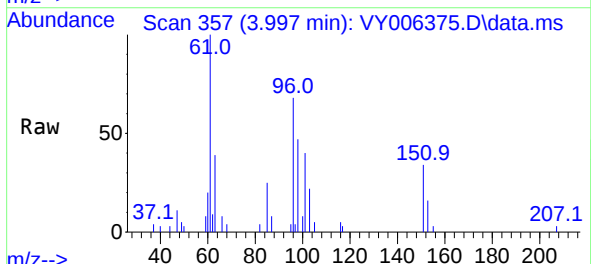
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 4.158 ug/l
RT: 3.997 min Scan# 357
Delta R.T. 0.116 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

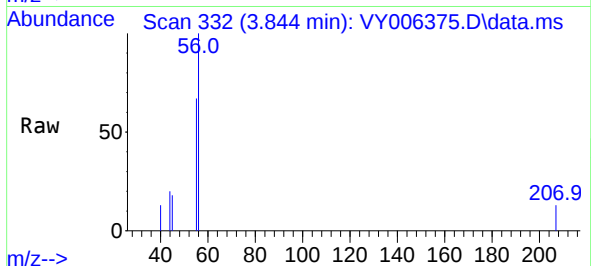
Tgt Ion: 96 Resp: 4326
Ion Ratio Lower Upper
96 100
61 146.1 145.8 218.6
98 68.5 52.5 78.7





#13
Acrolein
Concen: 20.444 ug/l
RT: 3.844 min Scan# 332
Delta R.T. 0.109 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

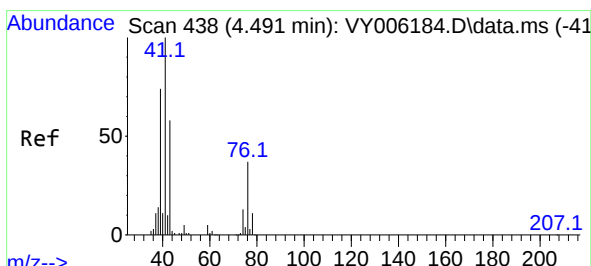
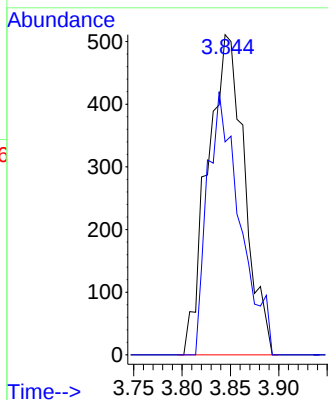
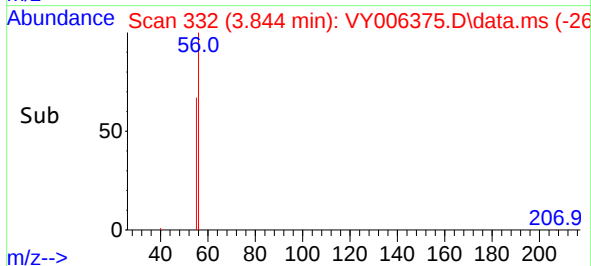
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



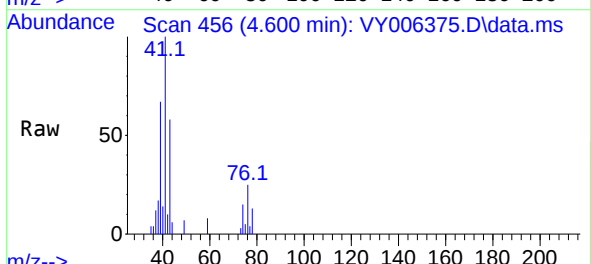
Tgt Ion: 56 Resp: 1354
Ion Ratio Lower Upper
56 100
55 72.5 57.6 86.4

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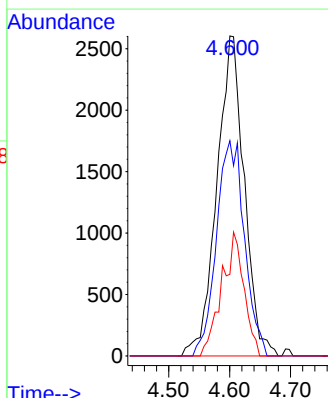
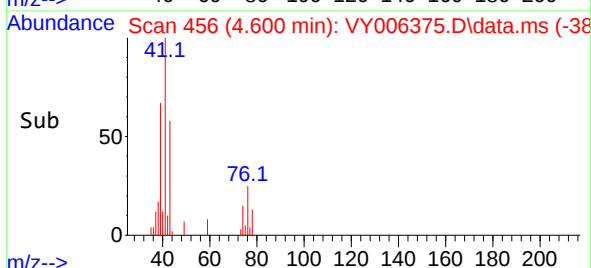
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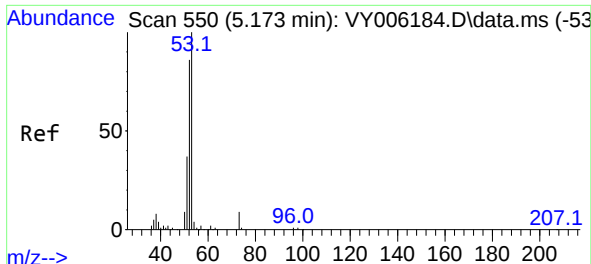


#14
Allyl chloride
Concen: 4.068 ug/l
RT: 4.600 min Scan# 456
Delta R.T. 0.109 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



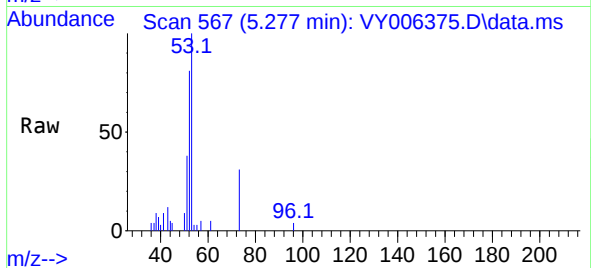
Tgt Ion: 41 Resp: 8140
Ion Ratio Lower Upper
41 100
39 68.8 58.8 88.2
76 31.2 25.1 37.7





#15
Acrylonitrile
Concen: 20.631 ug/l
RT: 5.277 min Scan# 567
Delta R.T. 0.104 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

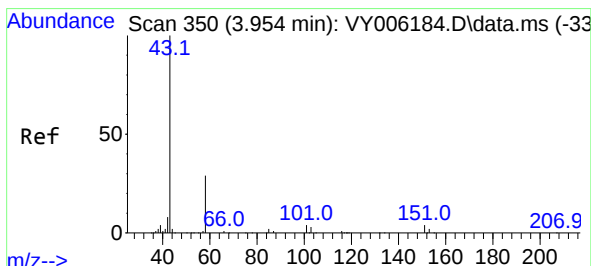
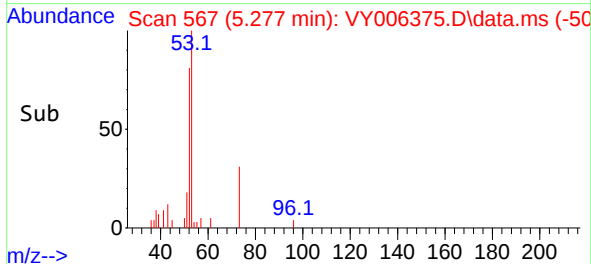
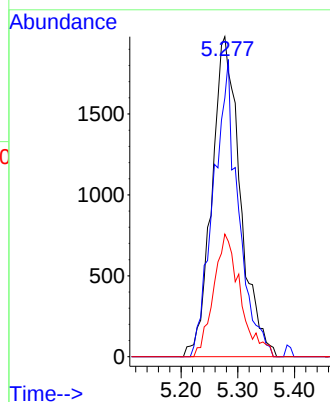


Tgt Ion: 53 Resp: 6867

Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.0	100.4
51	36.4	29.8	44.6

Manual Integrations
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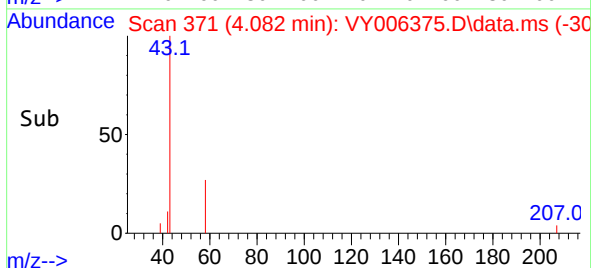
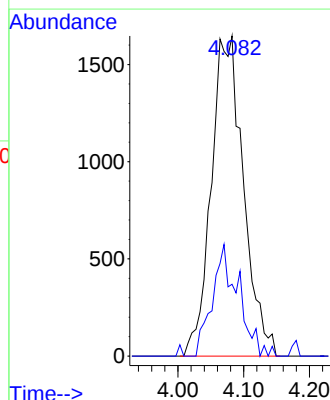
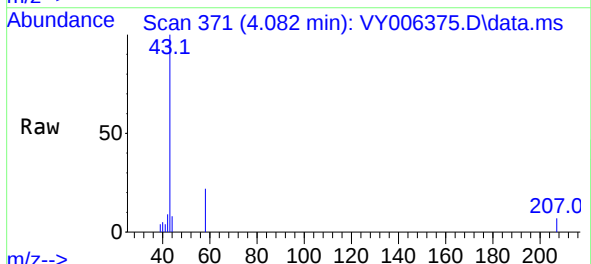
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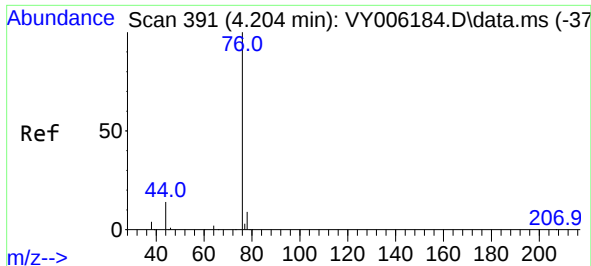


#16
Acetone
Concen: 16.869 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.128 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 43 Resp: 5602

Ion	Ratio	Lower	Upper
43	100		
58	22.4	22.0	33.0





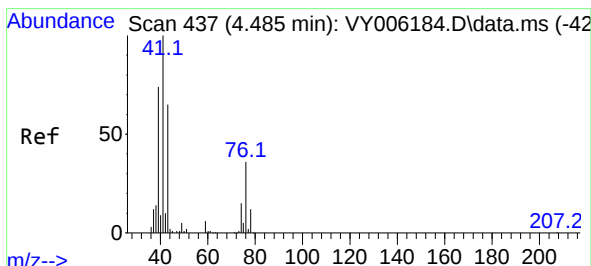
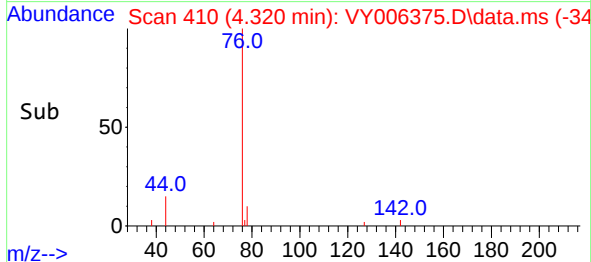
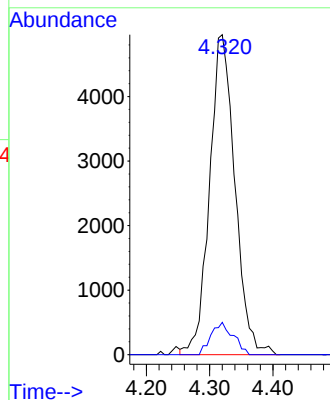
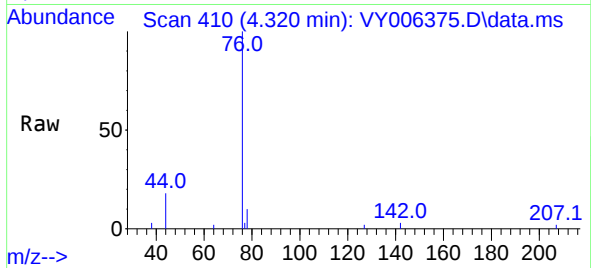
#17
Carbon Disulfide
Concen: 3.965 ug/l
RT: 4.320 min Scan# 410
Delta R.T. 0.116 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 76 Resp: 13796
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

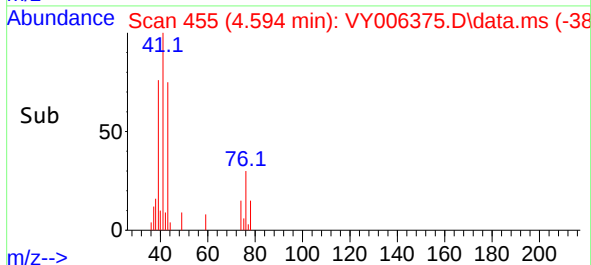
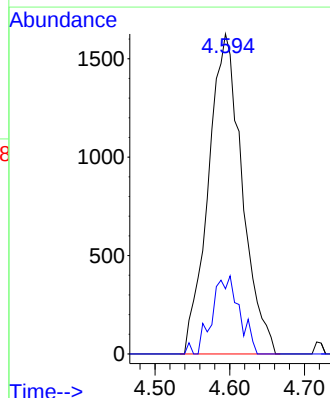
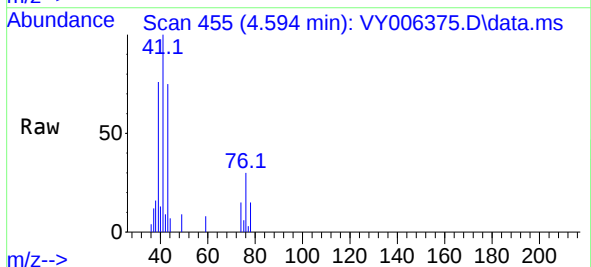
Manual Integrations
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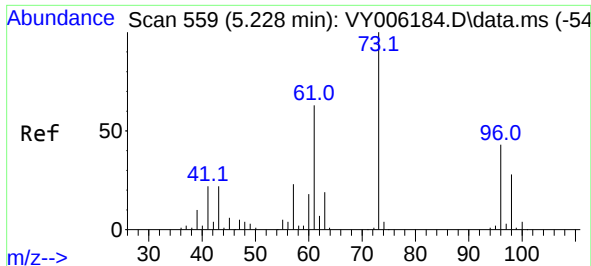
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#18
Methyl Acetate
Concen: 4.564 ug/l
RT: 4.594 min Scan# 455
Delta R.T. 0.109 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 43 Resp: 5111
Ion Ratio Lower Upper
43 100
74 19.8 16.6 24.8





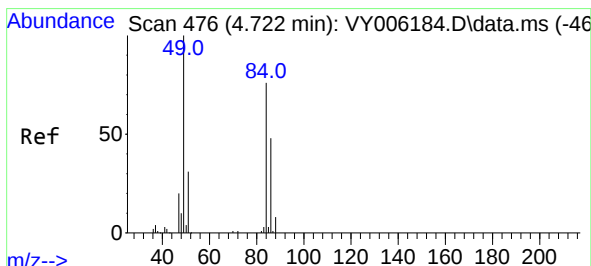
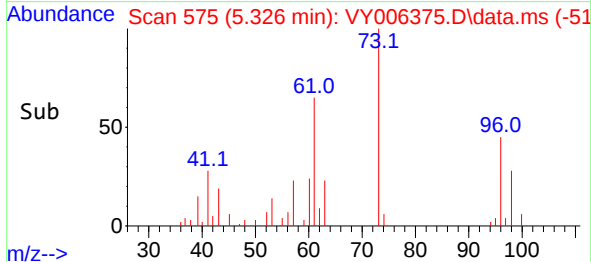
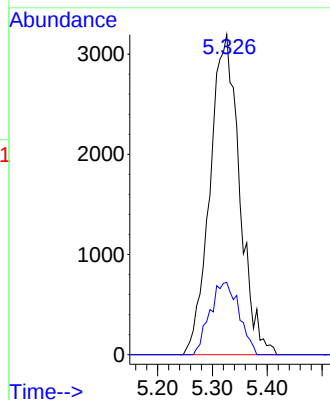
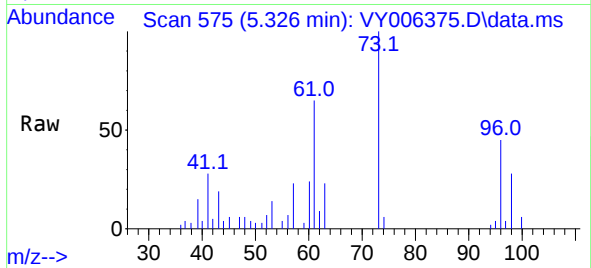
#19
Methyl tert-butyl Ether
Concen: 3.942 ug/l
RT: 5.326 min Scan# 575
Delta R.T. 0.098 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 73 Resp: 11976
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

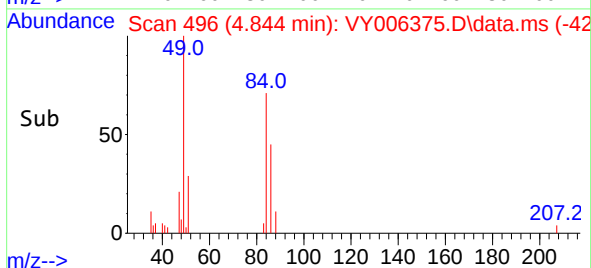
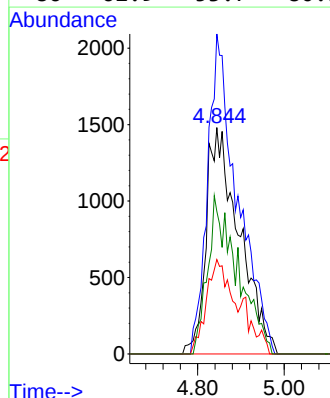
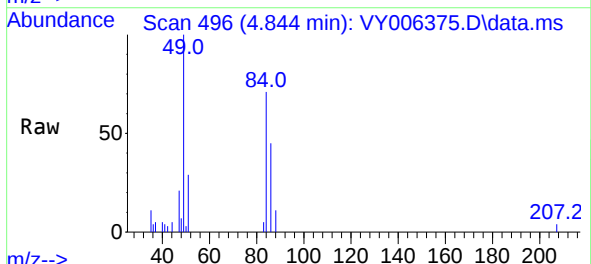
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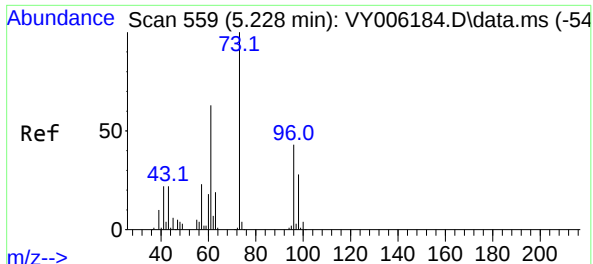
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#20
Methylene Chloride
Concen: 6.037 ug/l
RT: 4.844 min Scan# 496
Delta R.T. 0.122 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 84 Resp: 7802
Ion Ratio Lower Upper
84 100
49 141.3 114.4 171.6
51 41.7 35.3 52.9
86 62.9 53.7 80.5





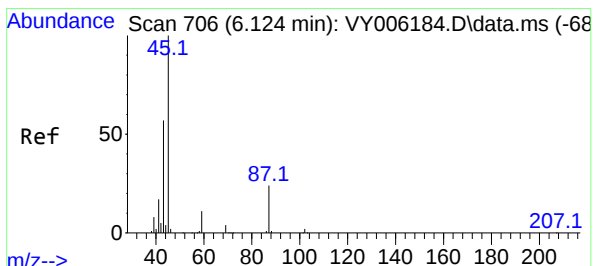
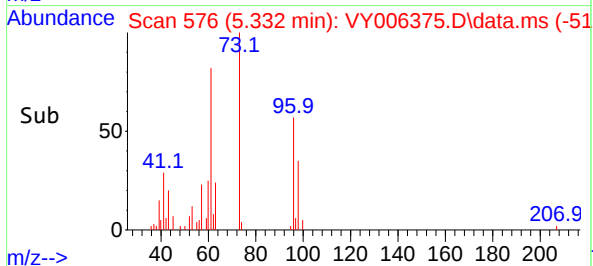
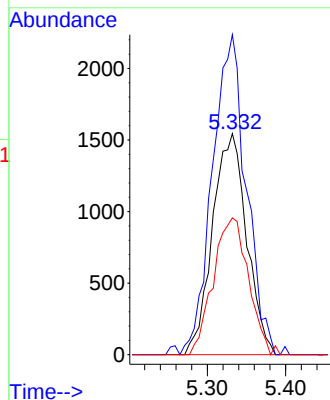
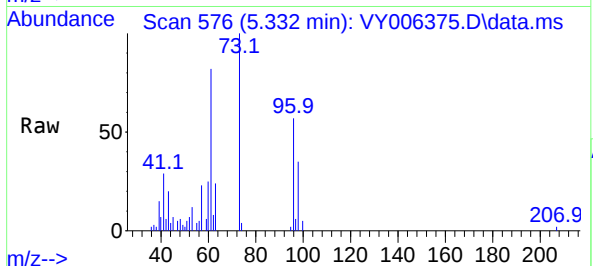
#21
trans-1,2-Dichloroethene
Concen: 4.057 ug/l
RT: 5.332 min Scan# 576
Delta R.T. 0.104 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 96 Resp: 4680
Ion Ratio Lower Upper
96 100
61 144.7 120.5 180.7
98 61.9 49.8 74.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

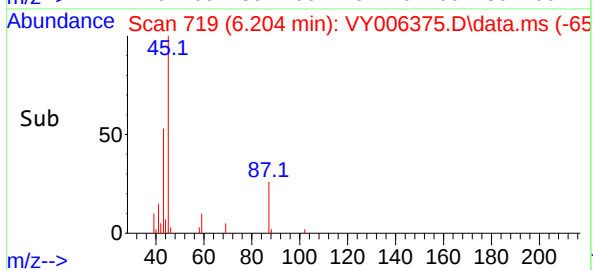
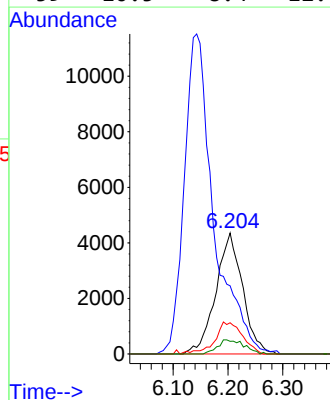
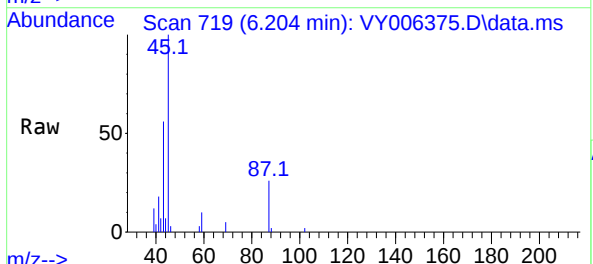
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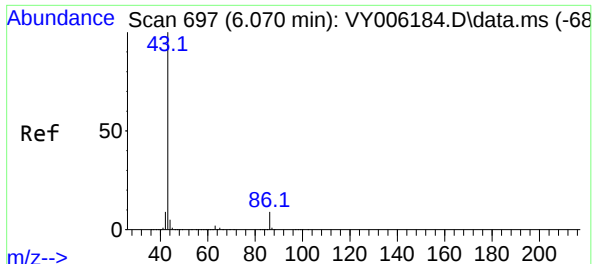
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#22
Diisopropyl ether
Concen: 3.741 ug/l
RT: 6.204 min Scan# 719
Delta R.T. 0.079 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 45 Resp: 14808
Ion Ratio Lower Upper
45 100
43 56.4 49.3 73.9
87 25.7 19.2 28.8
59 10.5 8.4 12.6





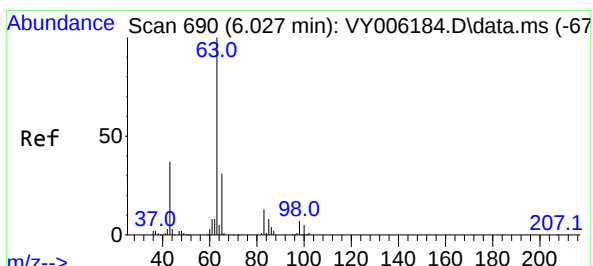
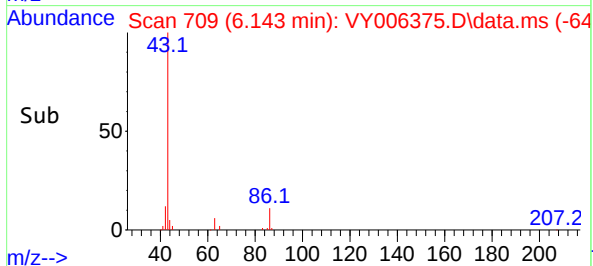
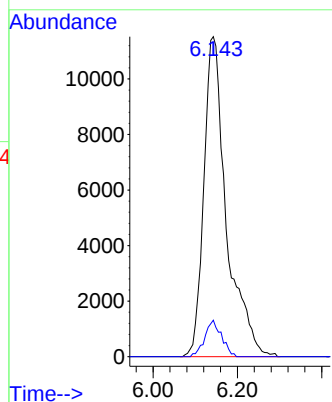
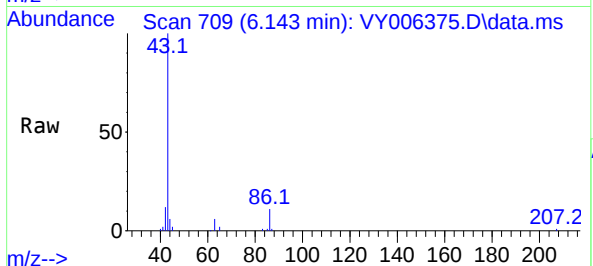
#23
 Vinyl Acetate
 Concen: 18.119 ug/l
 RT: 6.143 min Scan# 709
 Delta R.T. 0.073 min
 Lab File: VY006375.D
 Acq: 12 Oct 2021 12:41

Tgt Ion: 43 Resp: 42989
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

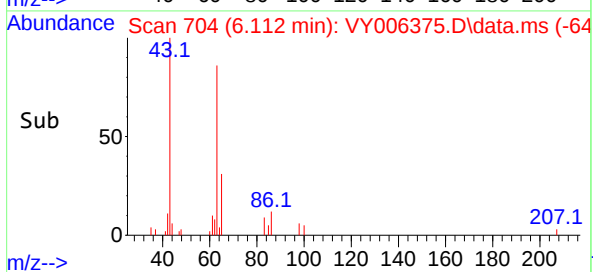
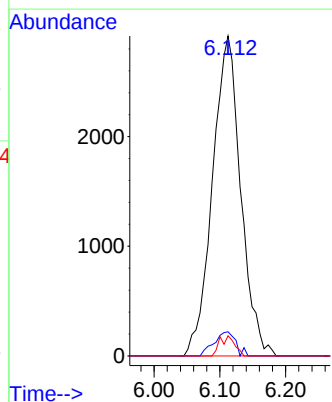
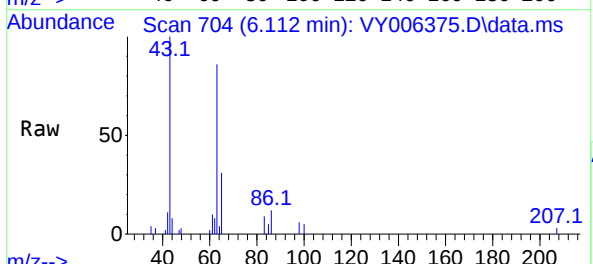
Manual Integrations
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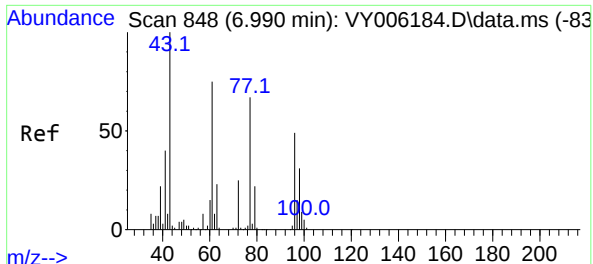
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#24
 1,1-Dichloroethane
 Concen: 4.104 ug/l
 RT: 6.112 min Scan# 704
 Delta R.T. 0.085 min
 Lab File: VY006375.D
 Acq: 12 Oct 2021 12:41

Tgt Ion: 63 Resp: 8721
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 6.3 2.0 5.8#





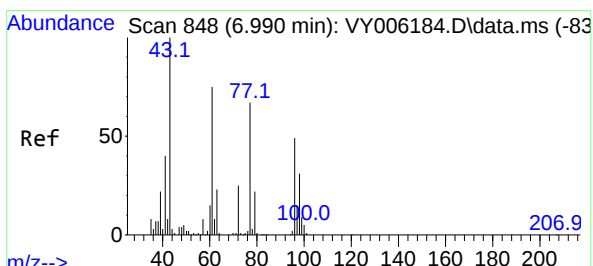
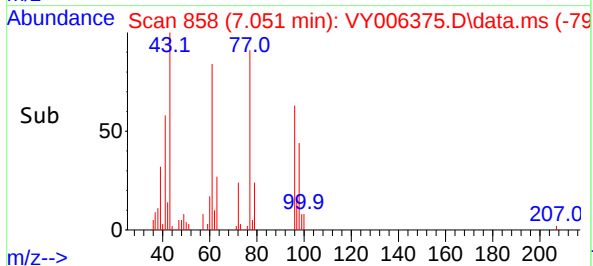
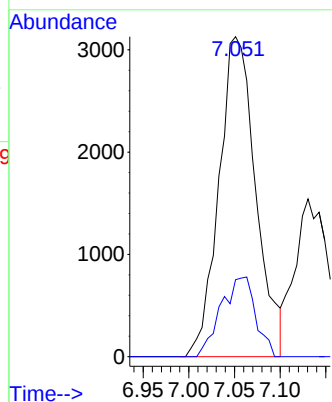
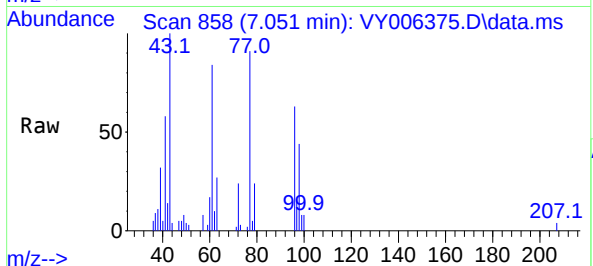
#25
2-Butanone
Concen: 19.017 ug/l
RT: 7.051 min Scan# 858
Delta R.T. 0.061 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 43 Resp: 8797
Ion Ratio Lower Upper
43 100
72 24.1 17.7 26.5

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

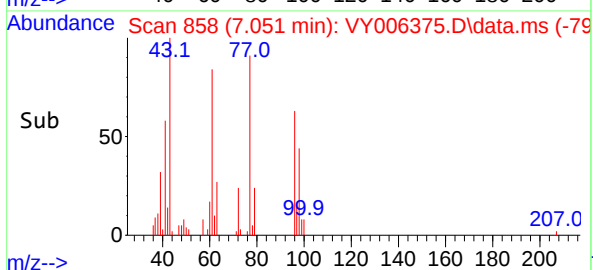
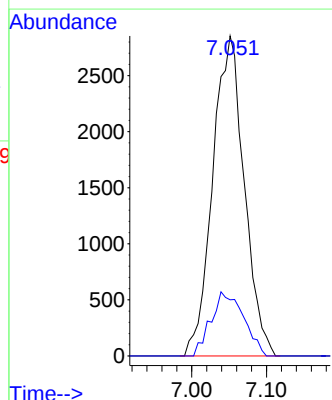
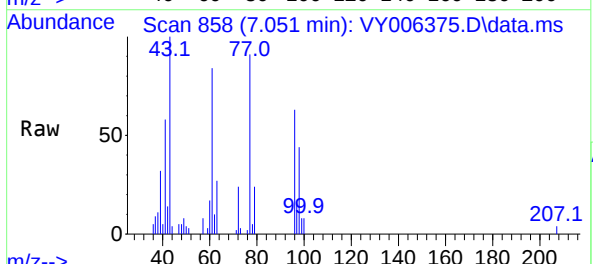
Manual Integrations
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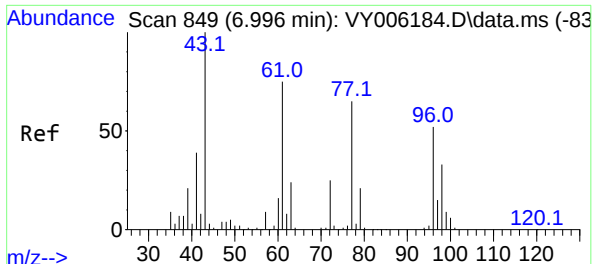
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#26
2,2-Dichloropropane
Concen: 4.309 ug/l
RT: 7.051 min Scan# 858
Delta R.T. 0.061 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 77 Resp: 8373
Ion Ratio Lower Upper
77 100
97 20.7 10.4 31.4





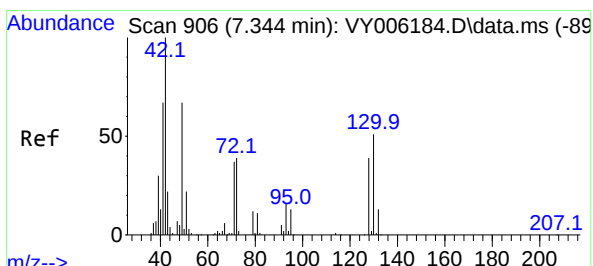
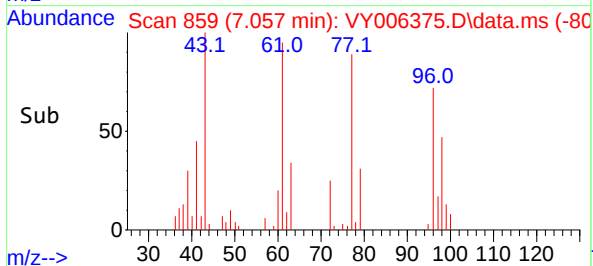
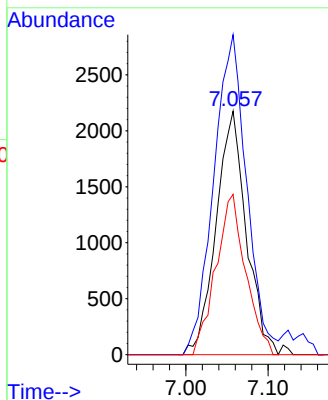
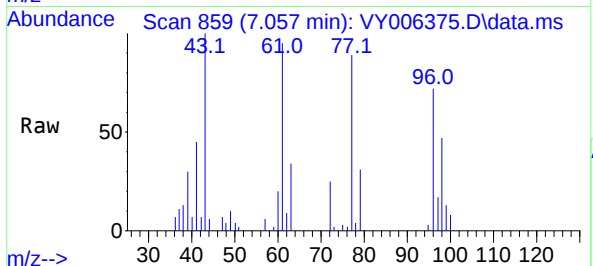
#27
cis-1,2-Dichloroethene
Concen: 4.313 ug/l
RT: 7.057 min Scan# 859
Delta R.T. 0.061 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	96	Resp:	5572
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	319.8
98	64.8	0.0	127.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

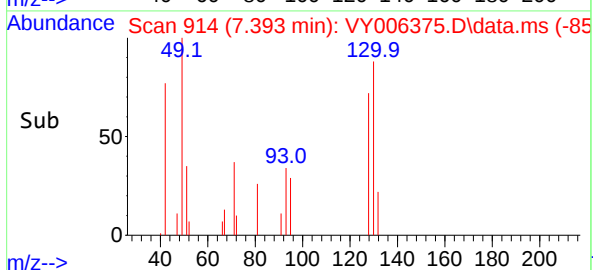
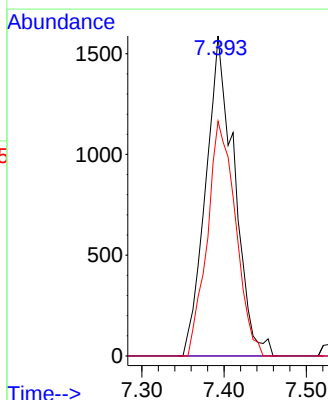
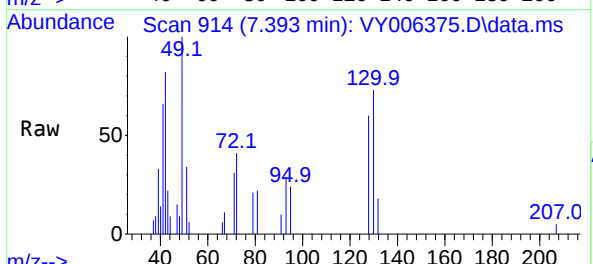
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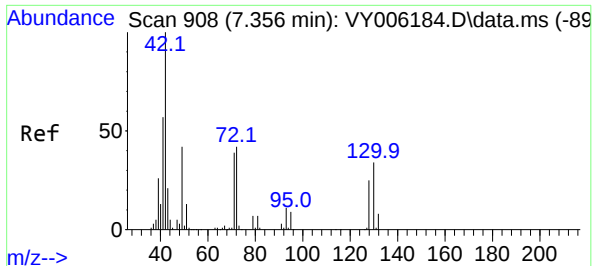
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#28
Bromochloromethane
Concen: 4.333 ug/l
RT: 7.393 min Scan# 914
Delta R.T. 0.049 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	49	Resp:	3834
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	72.6	55.4	83.0





#29

Tetrahydrofuran

Concen: 19.128 ug/l

RT: 7.405 min Scan# 916

Delta R.T. 0.049 min

Lab File: VY006375.D

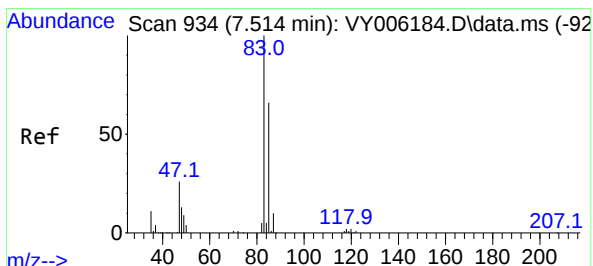
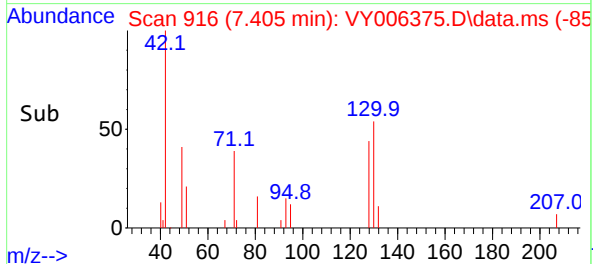
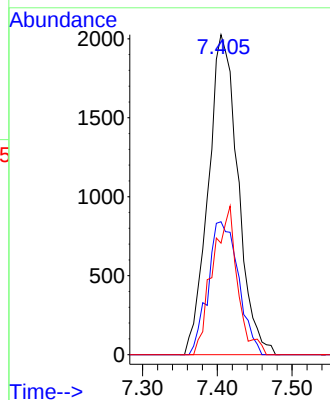
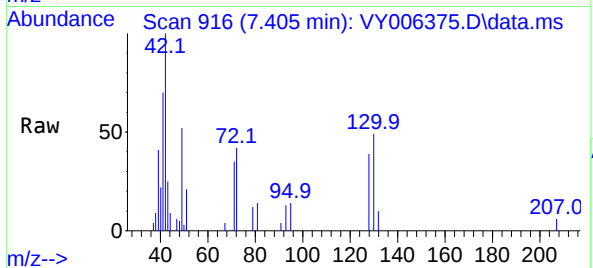
Acq: 12 Oct 2021 12:41

Tgt Ion:	42	Resp:	5589
Ion	Ratio	Lower	Upper
42	100		
72	42.4	30.3	45.5
71	38.8	29.0	43.4

Instrument :
MSVOA_Y
ClientSampleId :
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#30

Chloroform

Concen: 4.275 ug/l

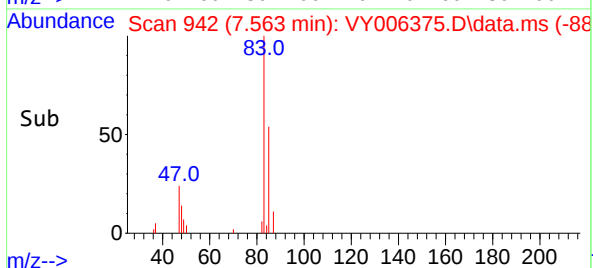
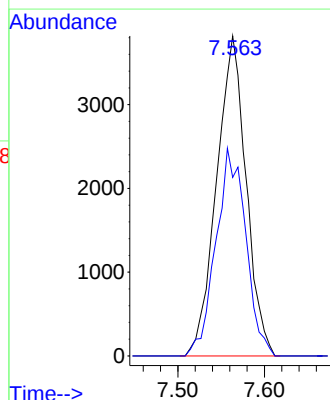
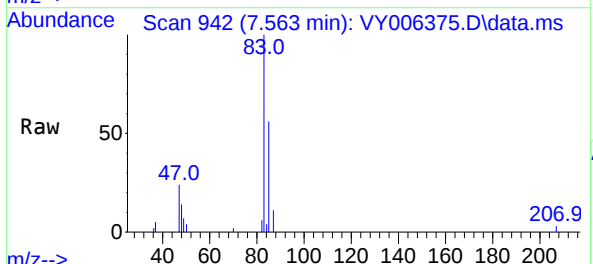
RT: 7.563 min Scan# 942

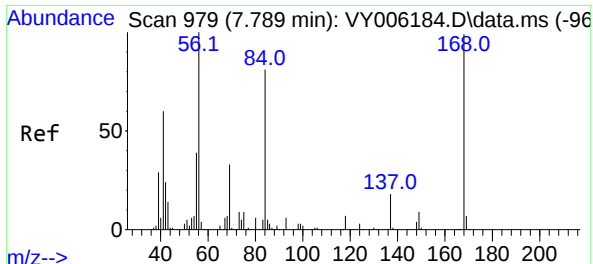
Delta R.T. 0.049 min

Lab File: VY006375.D

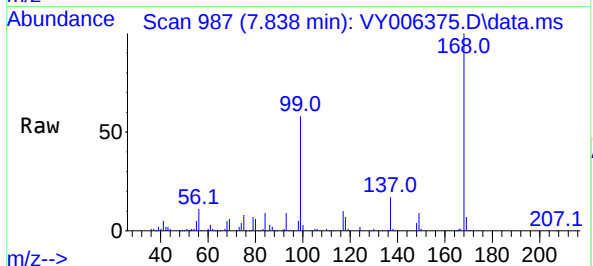
Acq: 12 Oct 2021 12:41

Tgt Ion:	83	Resp:	9062
Ion	Ratio	Lower	Upper
83	100		
85	55.8	51.8	77.6

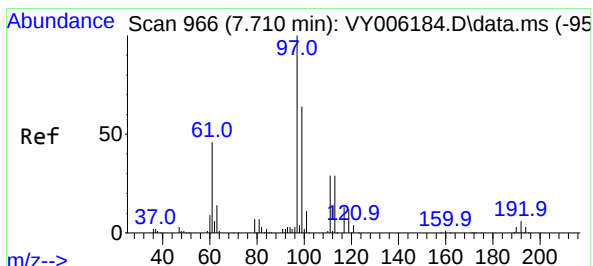
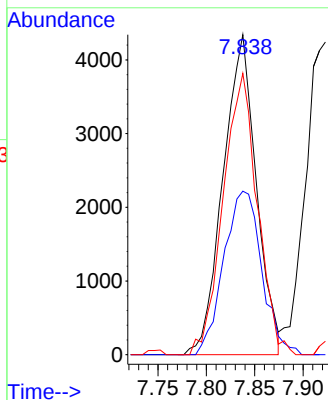
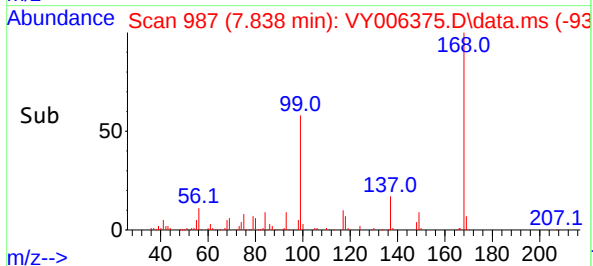




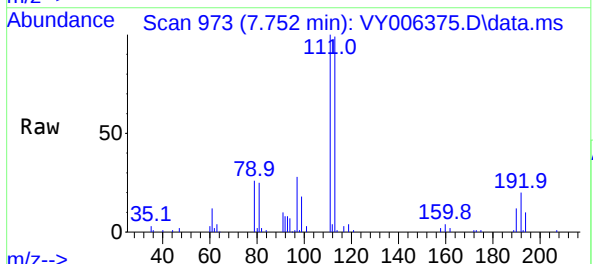
#31
Cyclohexane
Concen: 4.601 ug/l
RT: 7.838 min Scan# 987
Delta R.T. 0.049 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



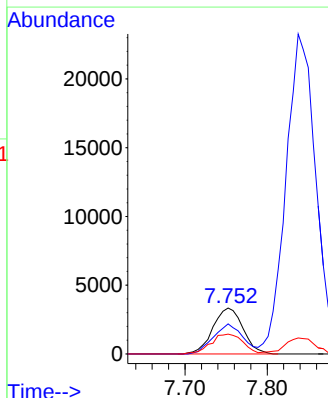
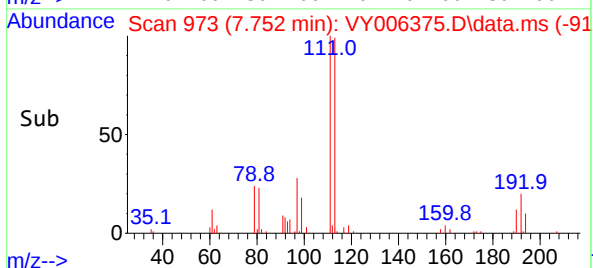
Tgt Ion: 56 Resp: 10365
Ion Ratio Lower Upper
56 100
69 51.1 26.7 40.1#
84 87.9 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 4.342 ug/l
RT: 7.752 min Scan# 973
Delta R.T. 0.043 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



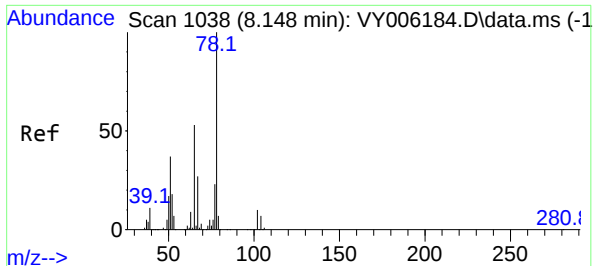
Tgt Ion: 97 Resp: 8499
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 46.5 37.6 56.4



Instrument :
MSVOA_Y
ClientSampleId :
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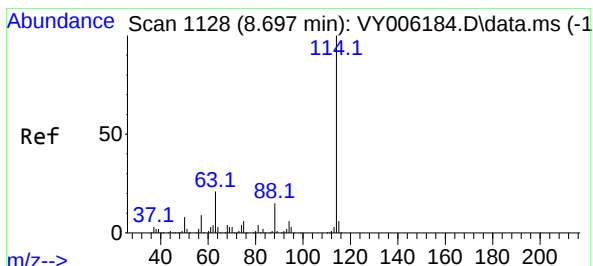
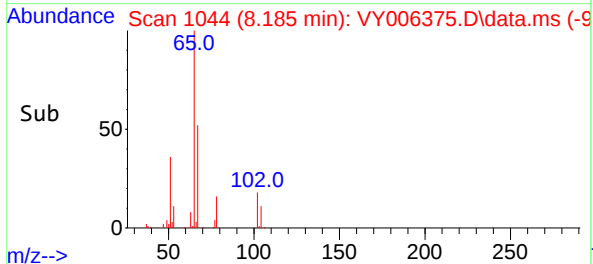
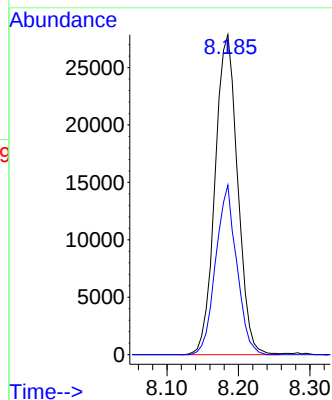
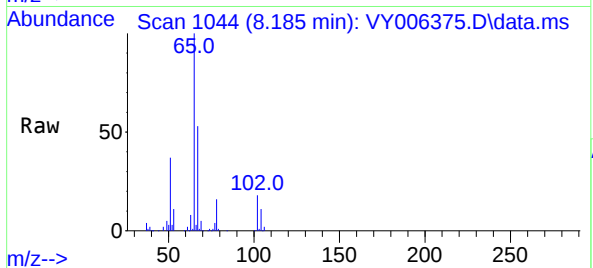
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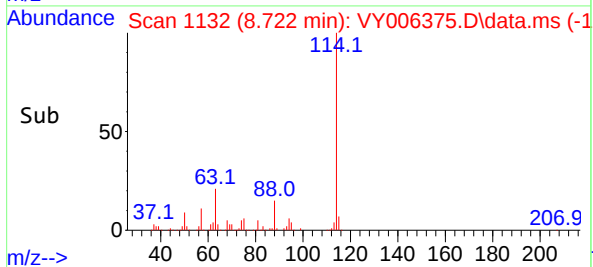
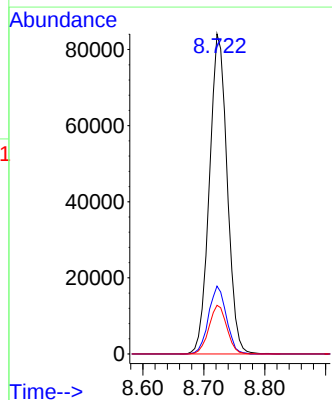
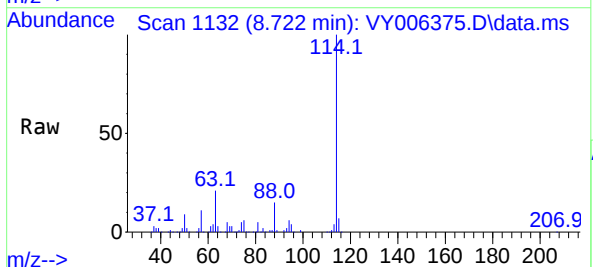
#33
1,2-Dichloroethane-d4
Concen: 51.437 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.037 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 65 Resp: 61157
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.024 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

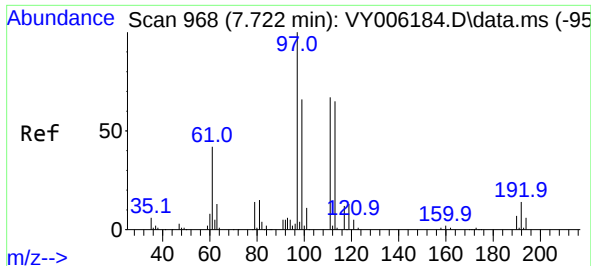
Tgt Ion: 114 Resp: 170372
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 15.2 0.0 31.8



Instrument :
MSVOA_Y
ClientSampleId :
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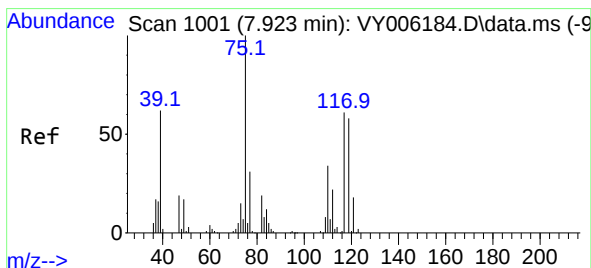
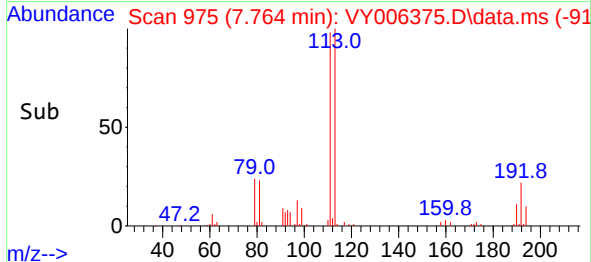
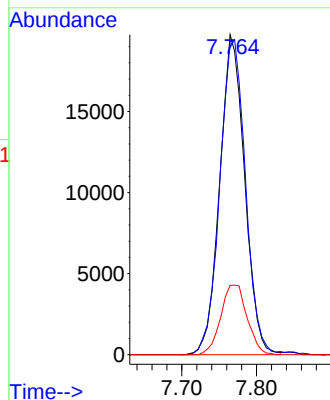
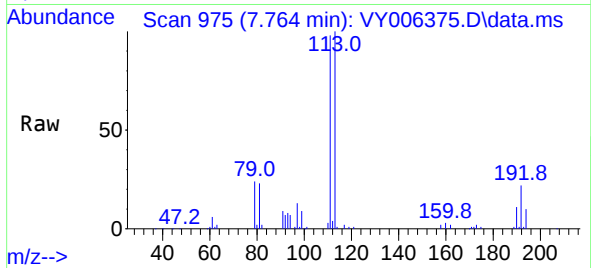
#35
Dibromofluoromethane
Concen: 50.227 ug/l
RT: 7.764 min Scan# 975
Delta R.T. 0.043 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 113 Resp: 45718
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 23.0 17.6 26.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

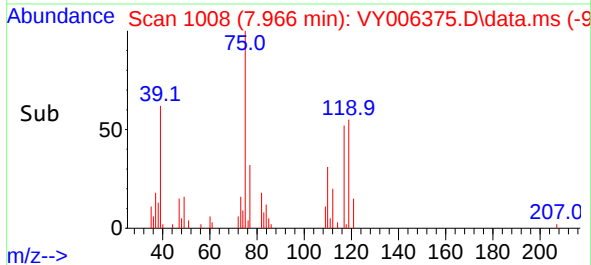
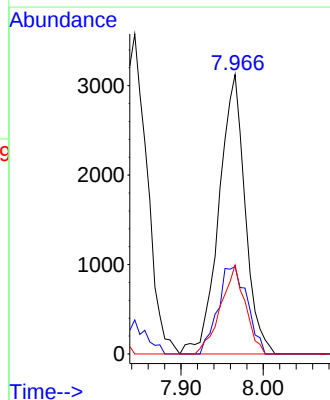
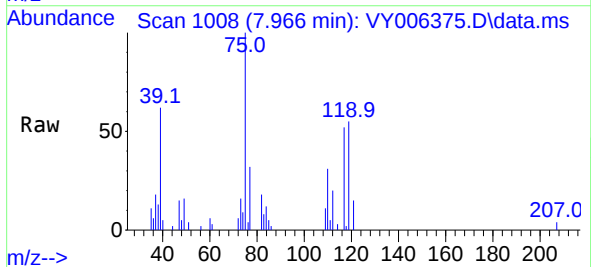
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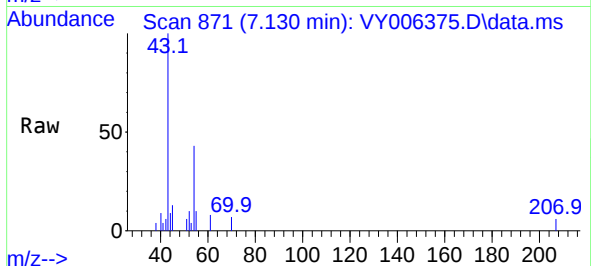
#36
1,1-Dichloropropene
Concen: 4.084 ug/l
RT: 7.966 min Scan# 1008
Delta R.T. 0.043 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 75 Resp: 6923
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.2
77 29.8 24.4 36.6



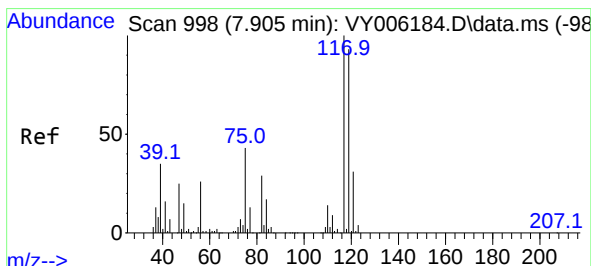
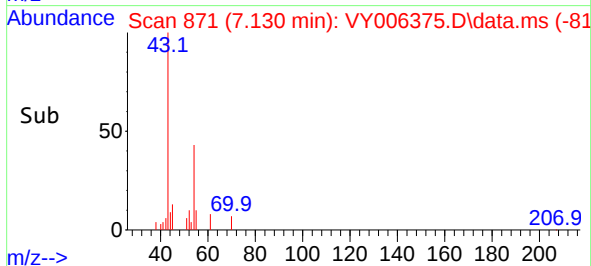
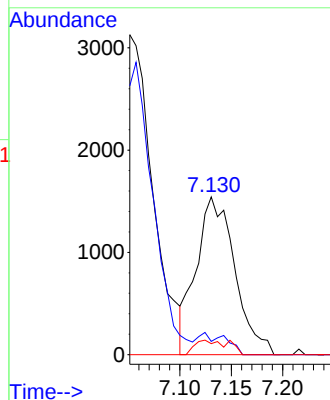


#37
Ethyl Acetate
Concen: 4.087 ug/l
RT: 7.130 min Scan# 871
Delta R.T. 0.049 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

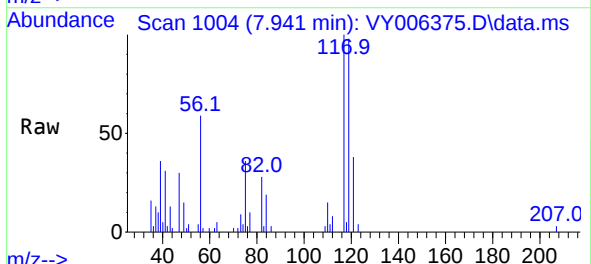


Tgt Ion: 43 Resp: 4036

Ion	Ratio	Lower	Upper
43	100		
61	9.8	9.7	14.5
70	7.9	7.1	10.7

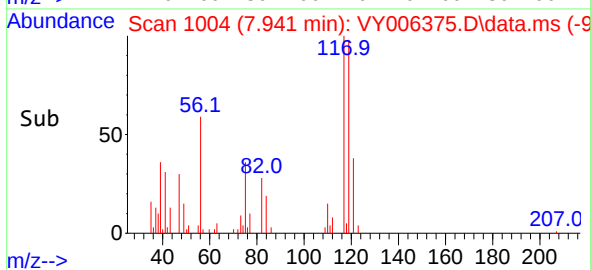
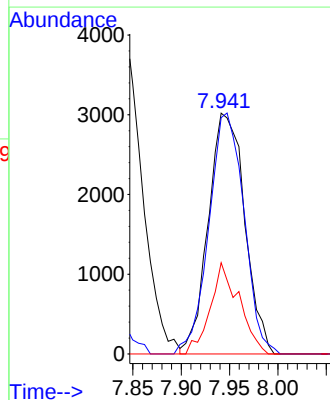


#38
Carbon Tetrachloride
Concen: 4.408 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.037 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



Tgt Ion: 117 Resp: 7890

Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.9	116.9
121	37.9	24.8	37.2



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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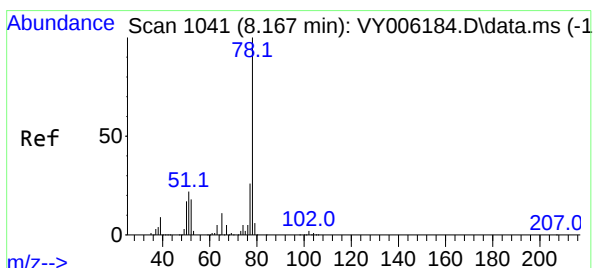
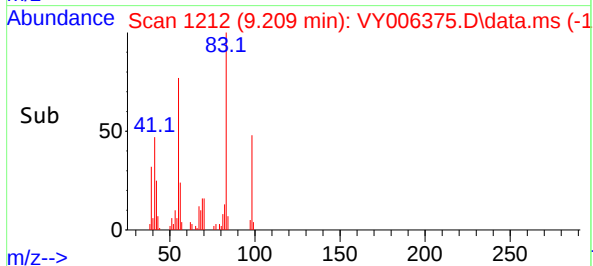
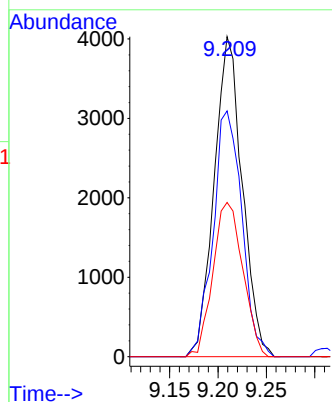
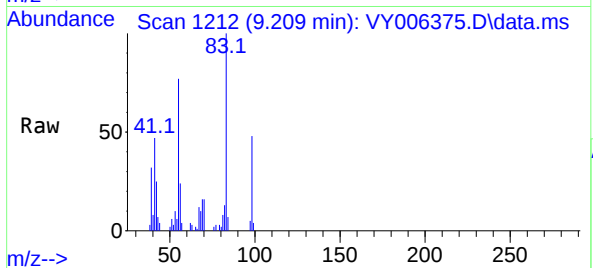
#39
Methylcyclohexane
Concen: 3.820 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.018 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	83	Resp:	8134
Ion	Ratio	Lower	Upper
83	100		
55	76.8	66.5	99.7
98	48.2	37.9	56.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

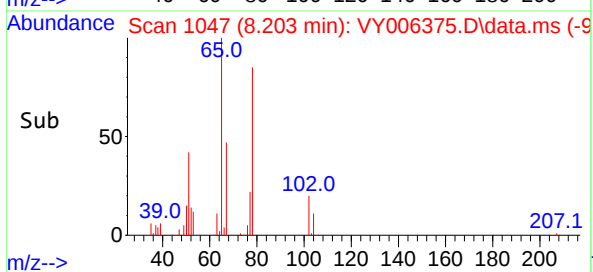
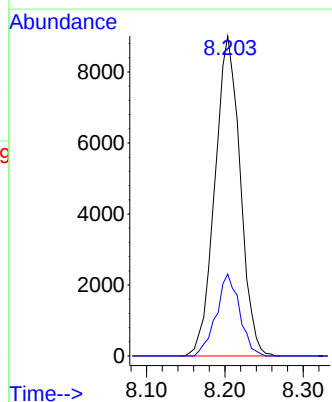
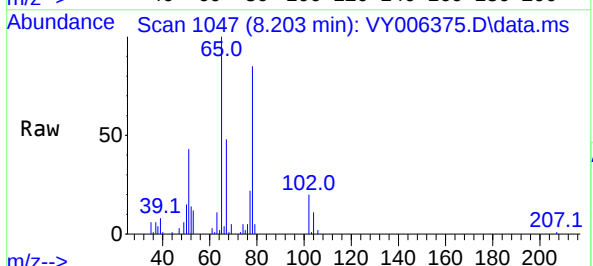
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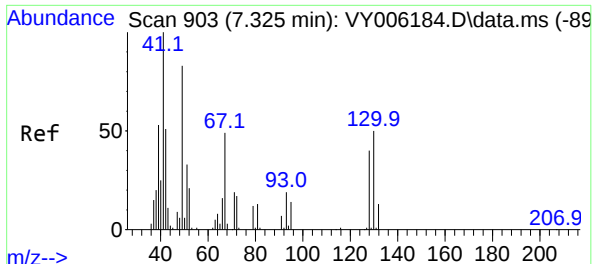
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#40
Benzene
Concen: 4.204 ug/l
RT: 8.203 min Scan# 1047
Delta R.T. 0.037 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

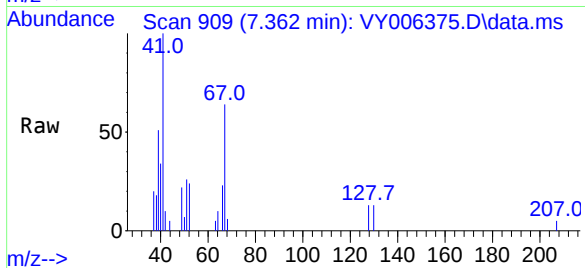
Tgt Ion:	78	Resp:	20219
Ion	Ratio	Lower	Upper
78	100		
77	25.6	20.4	30.6





#41
Methacrylonitrile
Concen: 4.025 ug/l m
RT: 7.362 min Scan# 909
Delta R.T. 0.037 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

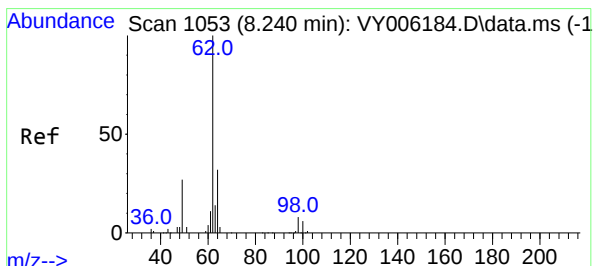
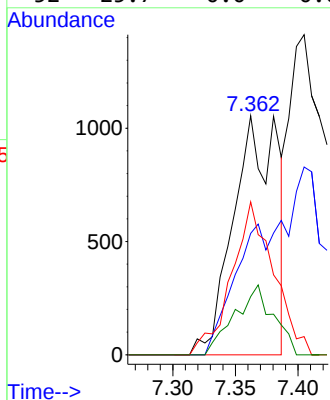
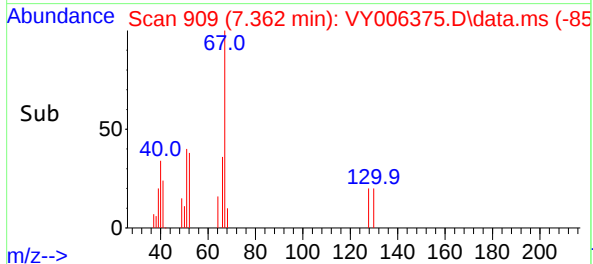
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



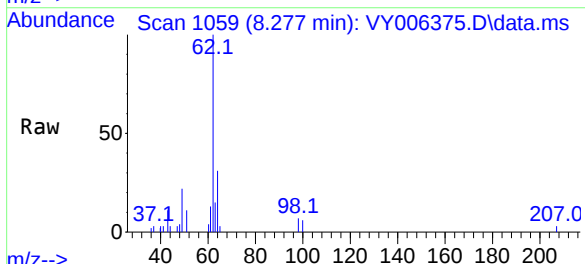
Tgt Ion: 41 Resp: 2578
Ion Ratio Lower Upper
41 100
39 40.8 92.9 139.3#
67 61.1 0.0 0.0#
52 25.7 0.0 0.0#

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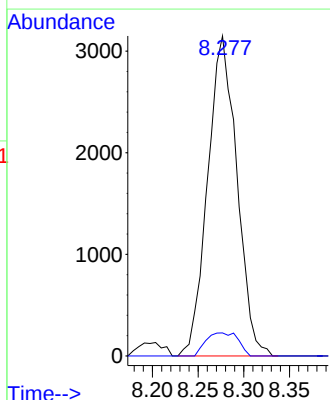
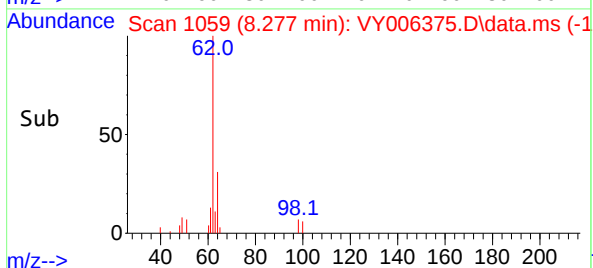
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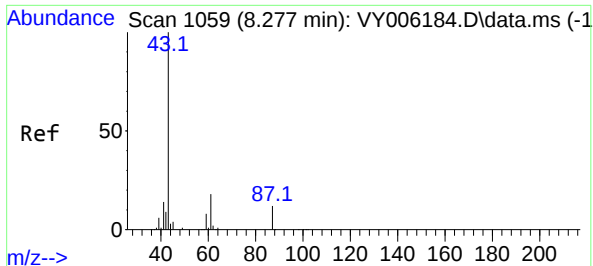


#42
1,2-Dichloroethane
Concen: 4.529 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.037 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



Tgt Ion: 62 Resp: 7018
Ion Ratio Lower Upper
62 100
98 8.0 0.0 14.8





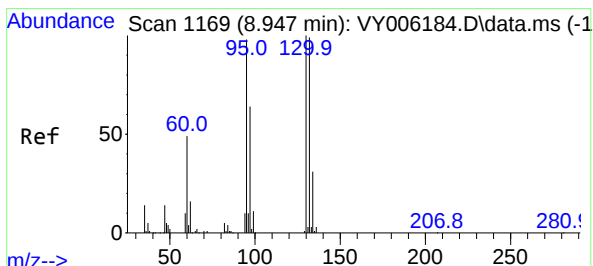
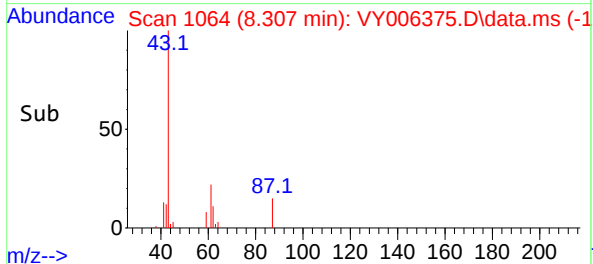
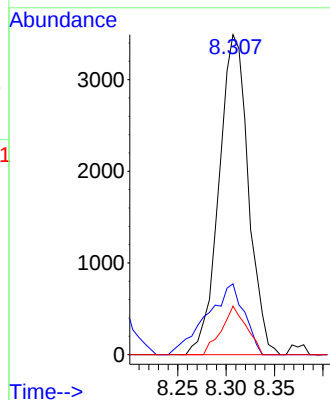
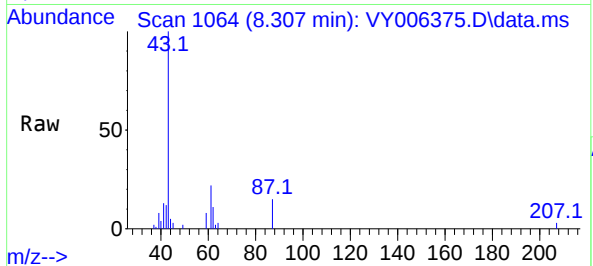
#43
Isopropyl Acetate
Concen: 3.889 ug/l
RT: 8.307 min Scan# 1064
Delta R.T. 0.031 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	43	Resp:	7366
Ion	Ratio	Lower	Upper
43	100		
61	28.4	20.2	30.2
87	12.9	8.9	13.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

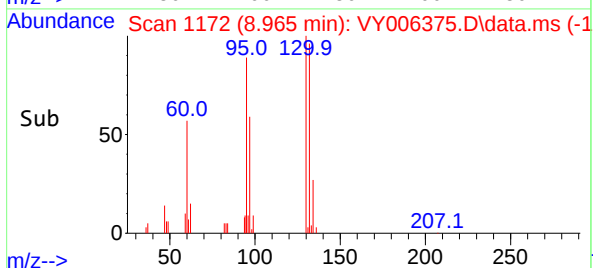
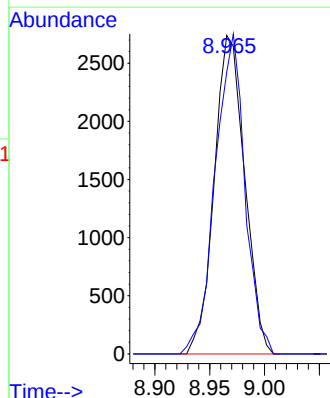
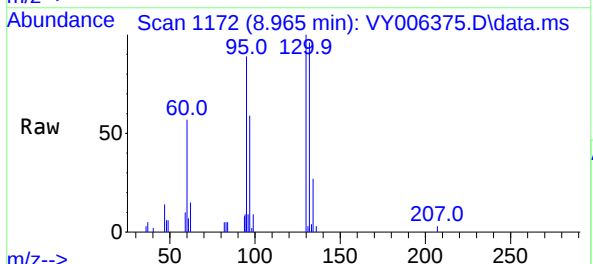
Manual Integrations
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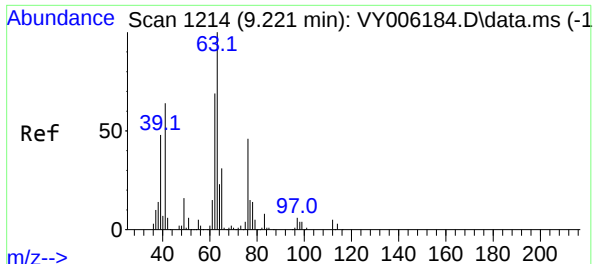
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#44
Trichloroethene
Concen: 4.256 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	130	Resp:	5286
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	188.2





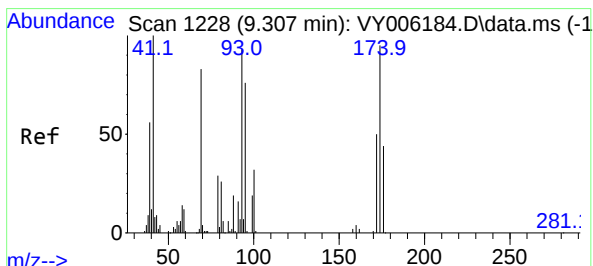
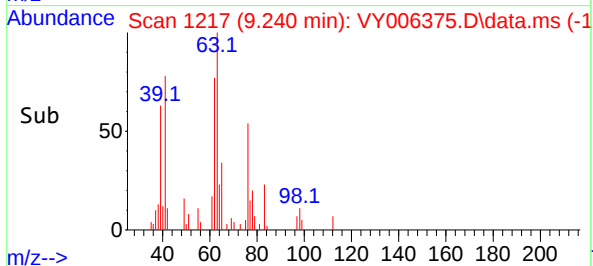
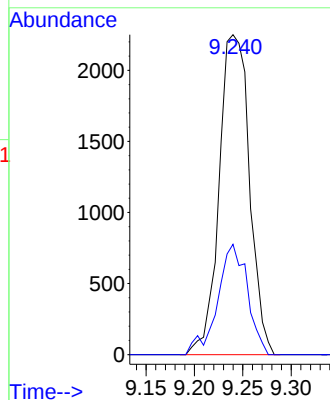
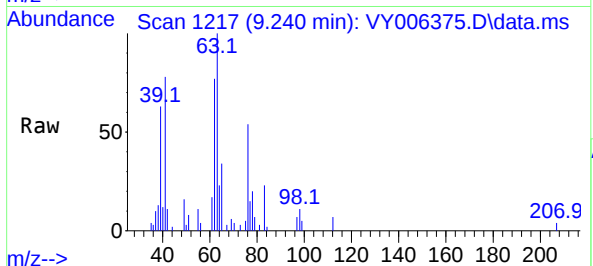
#45
1,2-Dichloropropane
Concen: 4.144 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. 0.018 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 63 Resp: 4906
Ion Ratio Lower Upper
63 100
65 34.5 23.0 34.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

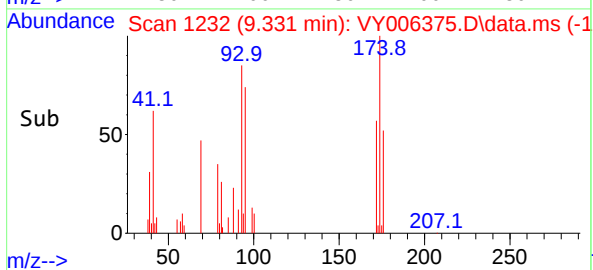
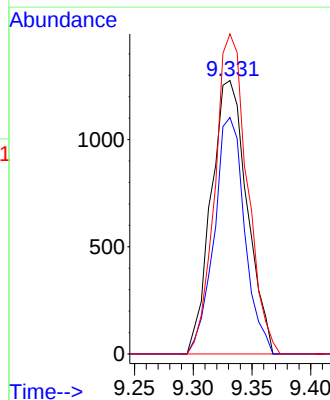
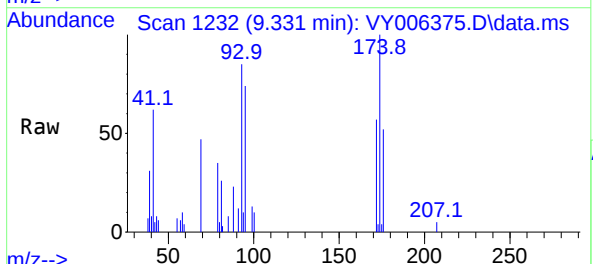
Manual Integrations
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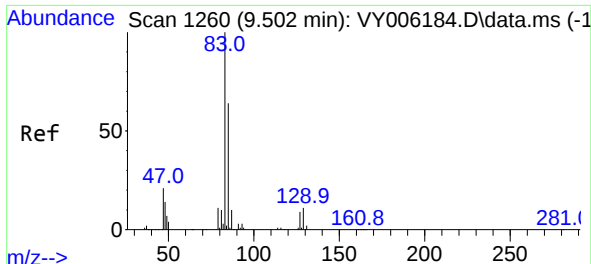
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#46
Dibromomethane
Concen: 4.302 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.024 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 93 Resp: 2712
Ion Ratio Lower Upper
93 100
95 73.6 64.3 96.5
174 105.6 83.4 125.0





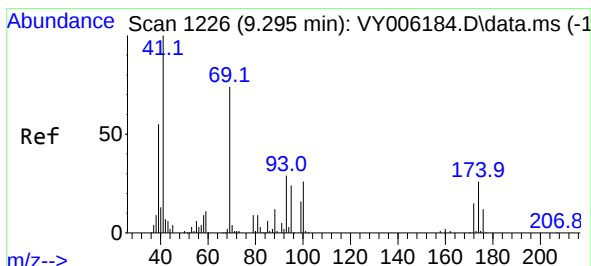
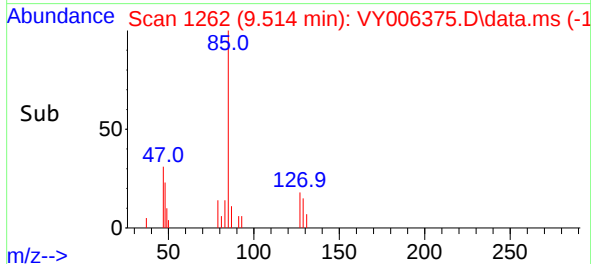
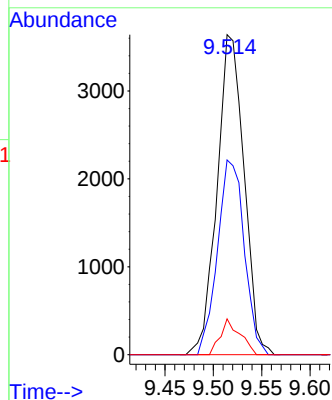
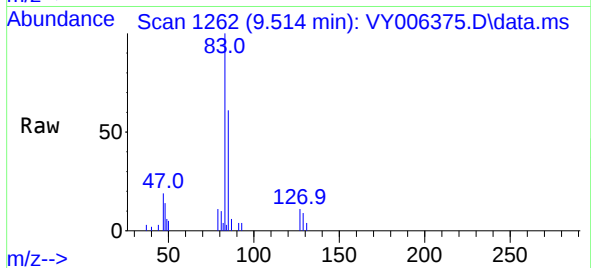
#47
Bromodichloromethane
Concen: 4.350 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.012 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 83 Resp: 7061
Ion Ratio Lower Upper
83 100
85 60.9 51.9 77.9
127 11.2 6.6 10.0#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

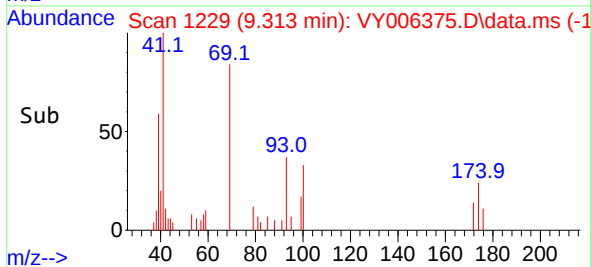
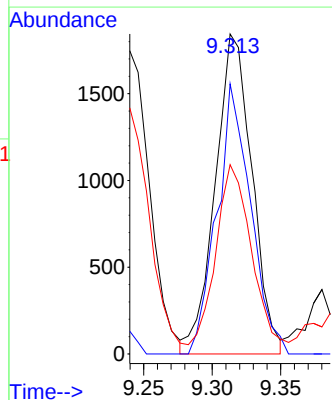
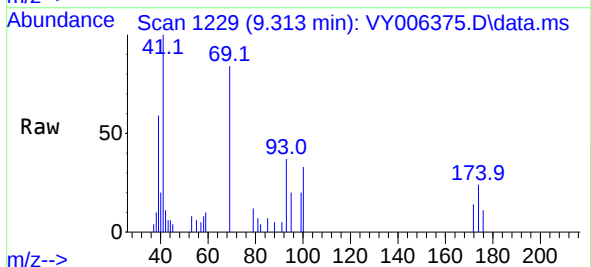
Manual Integrations
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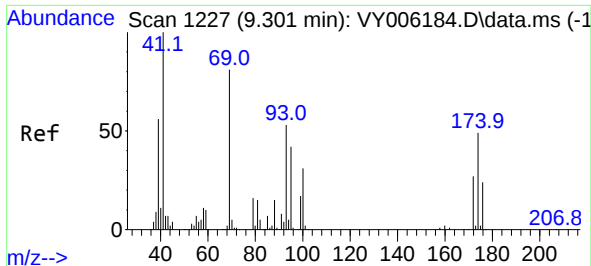
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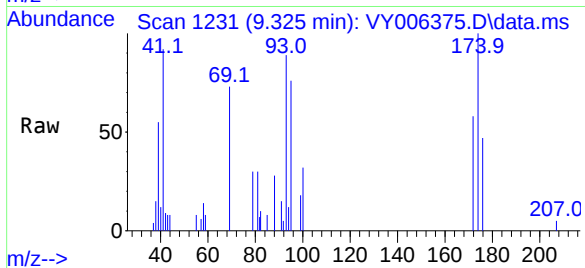
#48
Methyl methacrylate
Concen: 3.788 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 41 Resp: 3442
Ion Ratio Lower Upper
41 100
69 77.6 58.2 87.2
39 59.2 47.4 71.0

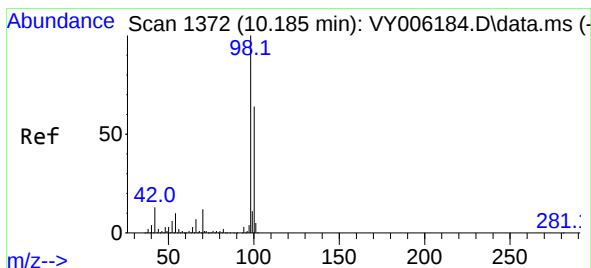
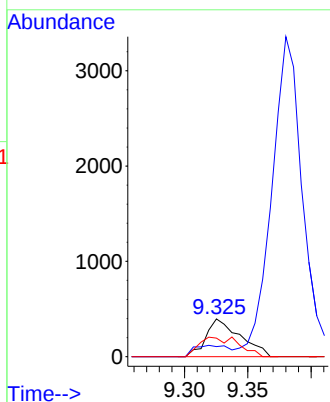
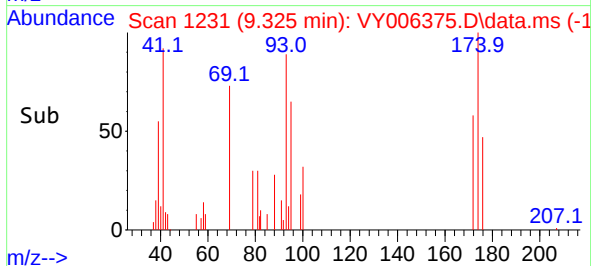




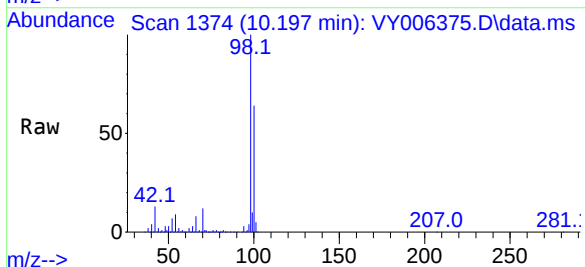
#49
1,4-Dioxane
Concen: 90.090 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.024 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



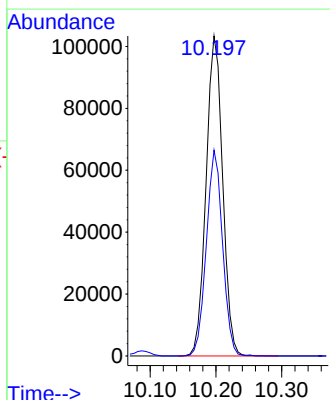
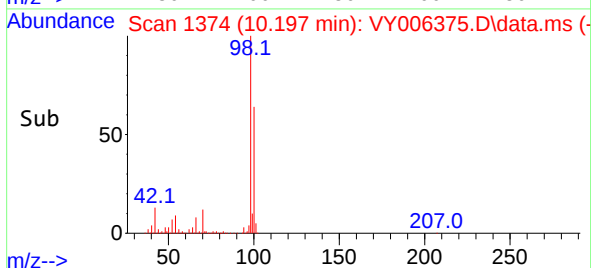
Tgt Ion: 88 Resp: 741
Ion Ratio Lower Upper
88 100
43 30.2 32.8 49.2#
58 60.2 59.8 89.6



#50
Toluene-d8
Concen: 47.580 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



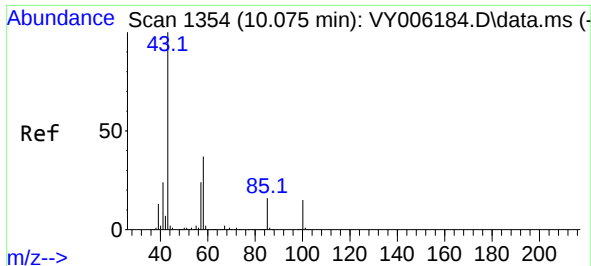
Tgt Ion: 98 Resp: 181256
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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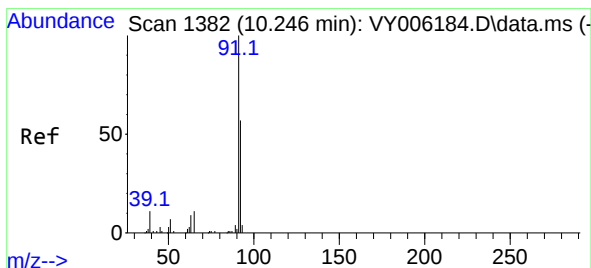
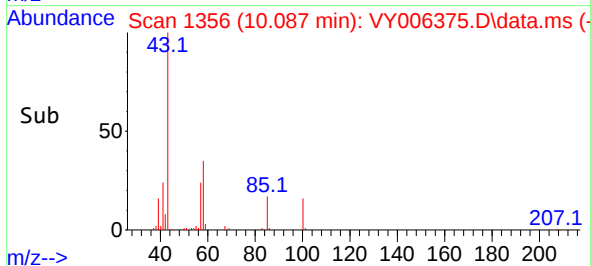
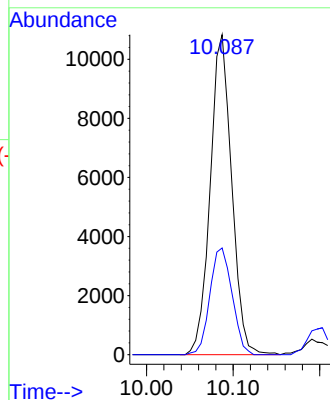
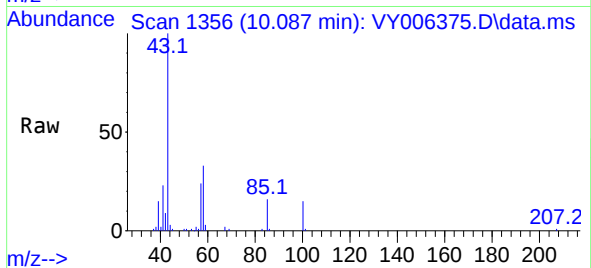
#51
4-Methyl-2-Pentanone
Concen: 18.989 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 43 Resp: 18674
Ion Ratio Lower Upper
43 100
58 34.4 28.1 42.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

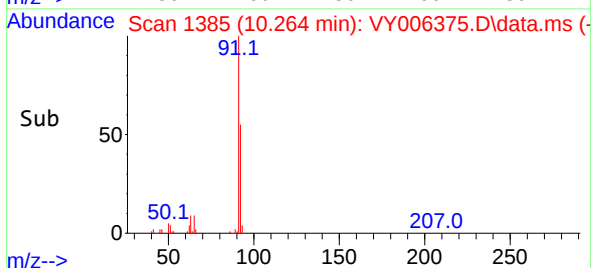
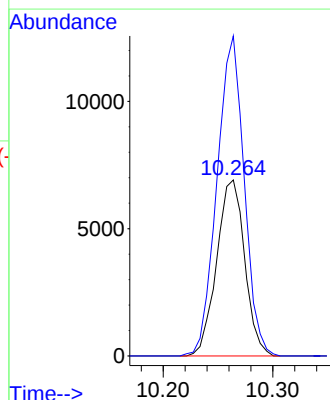
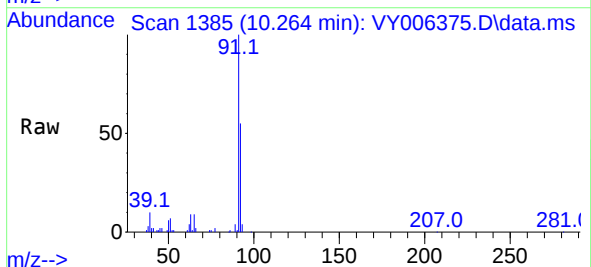
Manual Integrations
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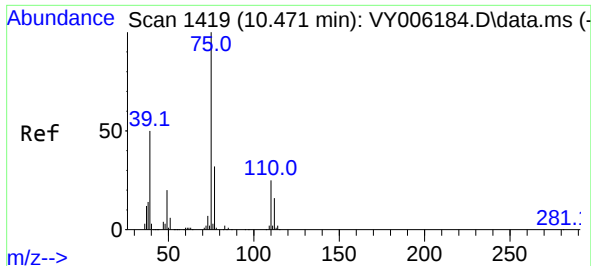
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#52
Toluene
Concen: 4.118 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.018 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 92 Resp: 12285
Ion Ratio Lower Upper
92 100
91 176.4 142.6 213.8





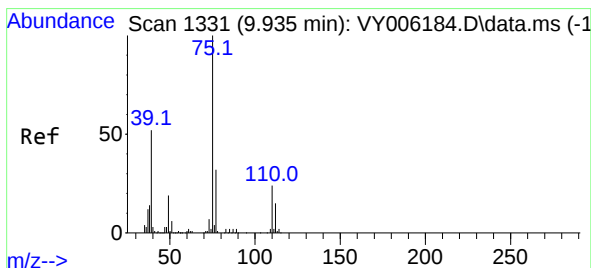
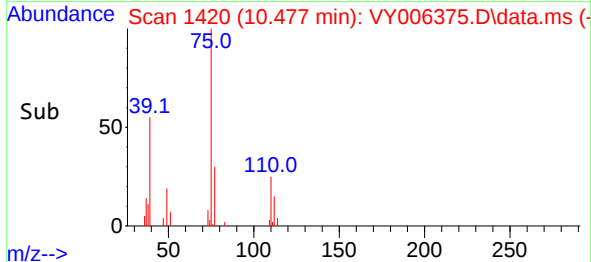
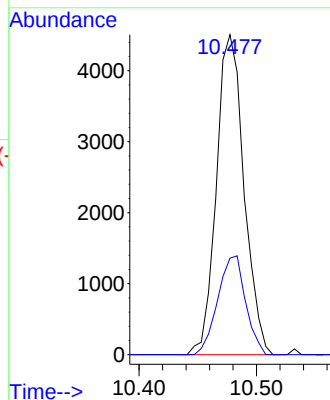
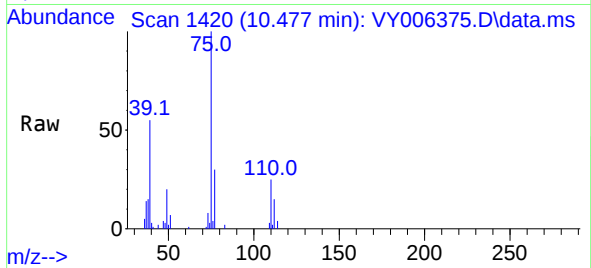
#53
t-1,3-Dichloropropene
Concen: 4.155 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 75 Resp: 7353
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

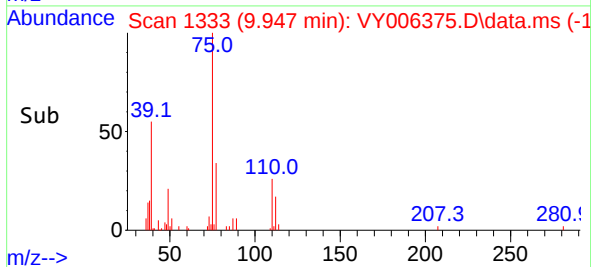
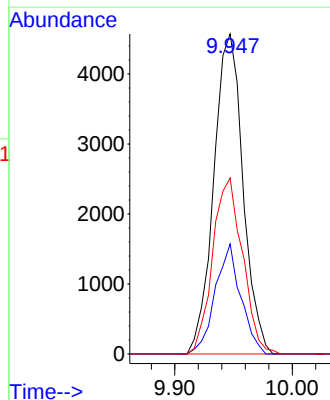
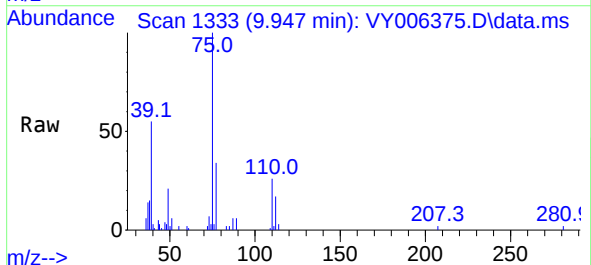
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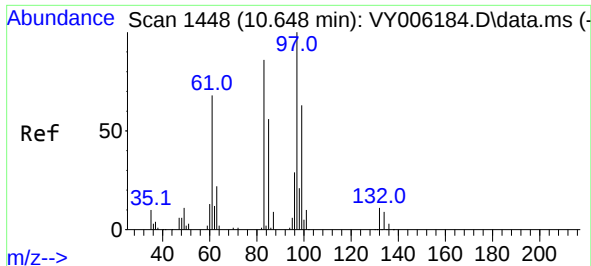
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#54
cis-1,3-Dichloropropene
Concen: 4.063 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.012 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

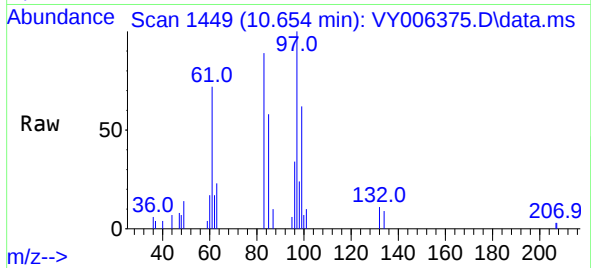
Tgt Ion: 75 Resp: 7905
Ion Ratio Lower Upper
75 100
77 34.4 25.6 38.4
39 55.0 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 3.959 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

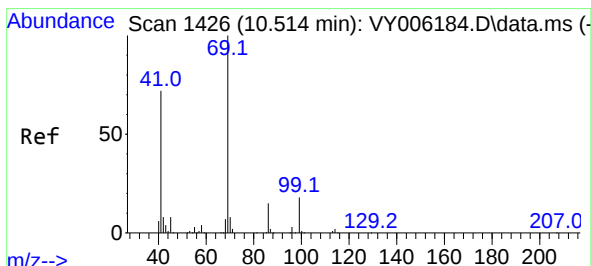
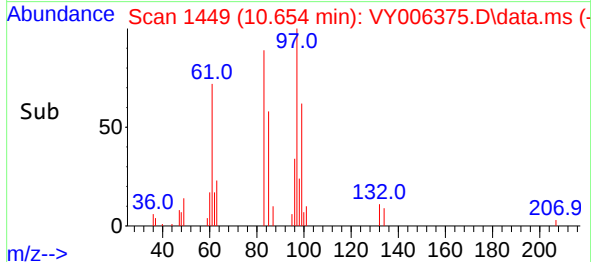
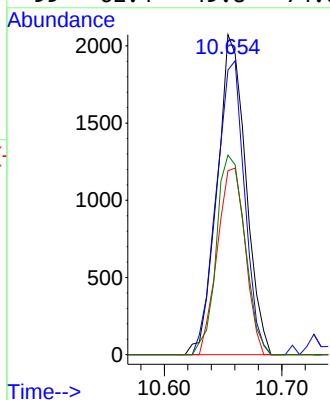
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



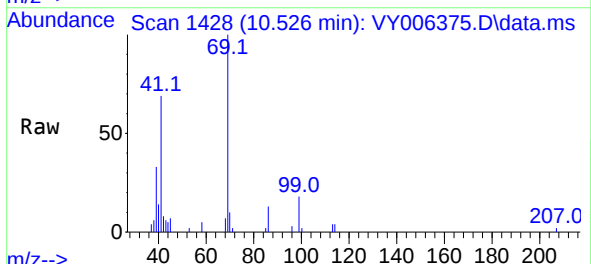
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.8	104.8
85	57.5	44.3	66.5
99	62.4	49.8	74.6

Manual Integrations
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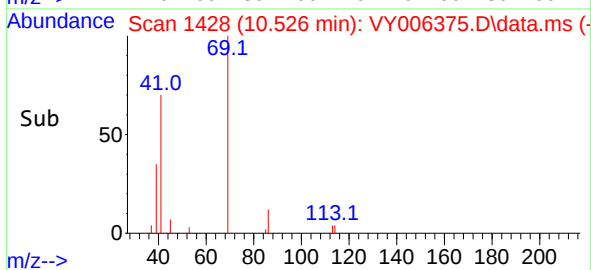
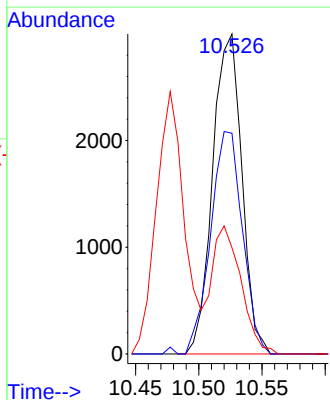
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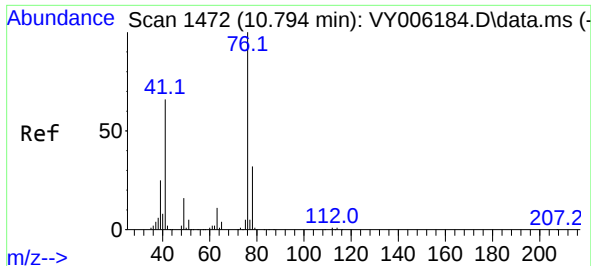


#56
Ethyl methacrylate
Concen: 3.574 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.012 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



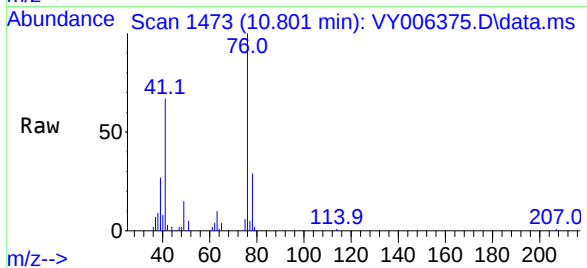
Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.2	63.4	95.0
39	40.0	35.8	53.8





#57
1,3-Dichloropropane
Concen: 4.003 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

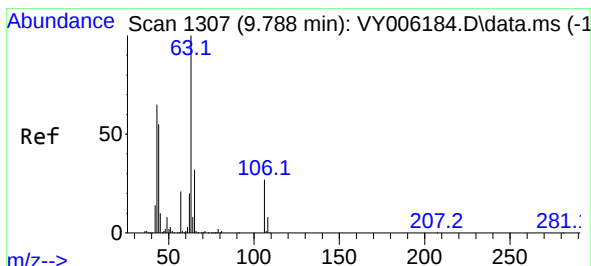
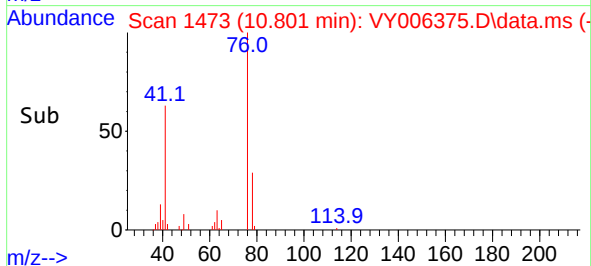
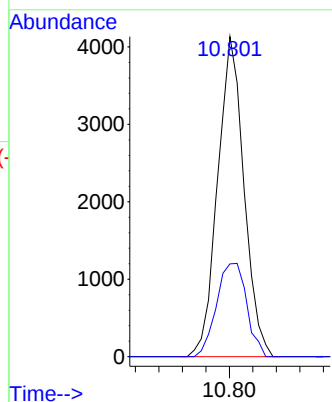
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 76 Resp: 6426
Ion Ratio Lower Upper
76 100
78 33.3 25.0 37.6

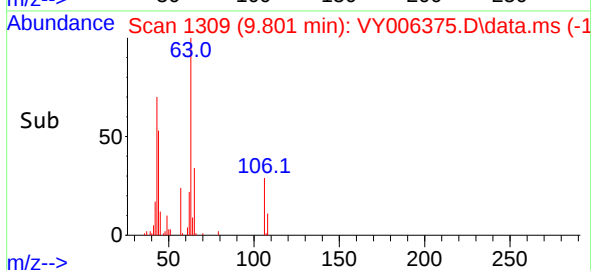
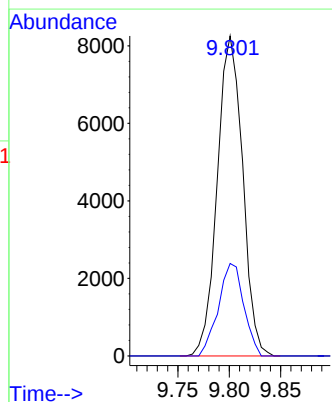
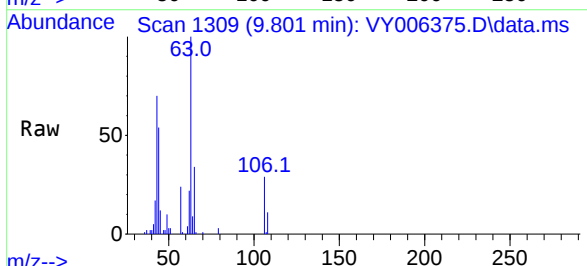
Manual Integrations
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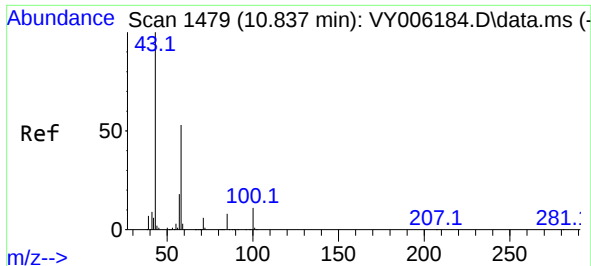
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#58
2-Chloroethyl Vinyl ether
Concen: 21.405 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.012 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 63 Resp: 14141
Ion Ratio Lower Upper
63 100
106 28.9 21.5 32.3





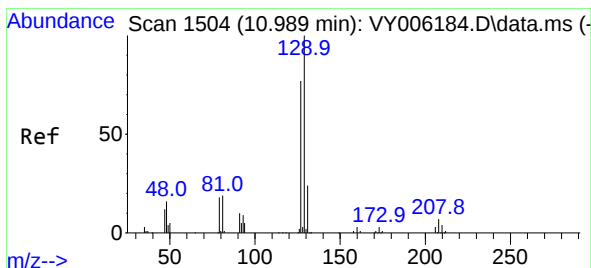
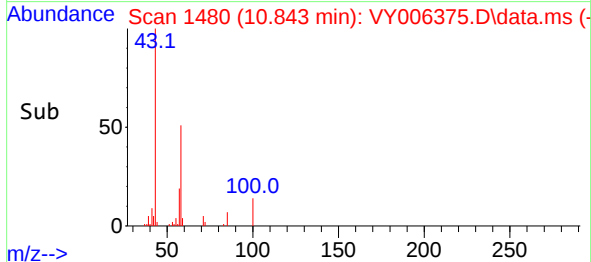
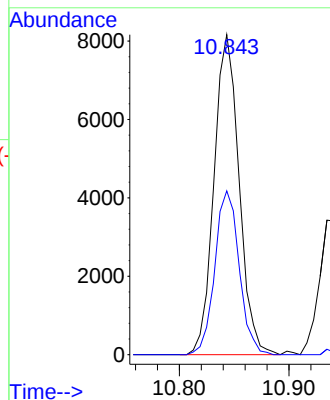
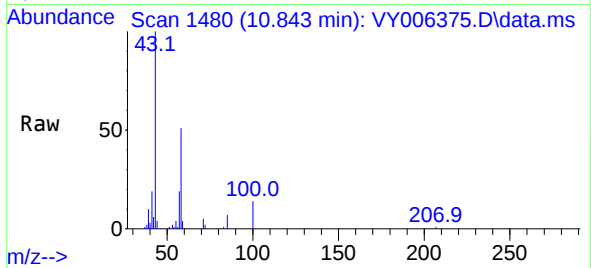
#59
2-Hexanone
Concen: 18.522 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 43 Resp: 12973
Ion Ratio Lower Upper
43 100
58 49.8 24.4 73.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

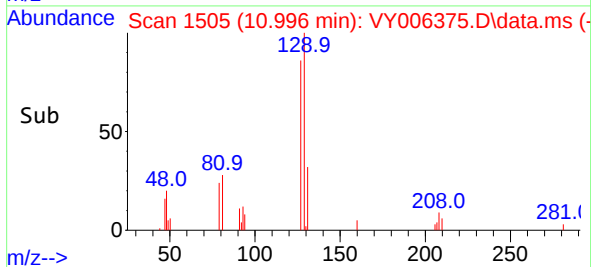
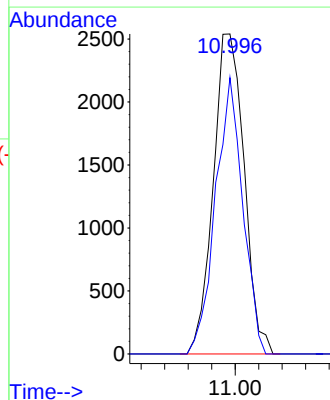
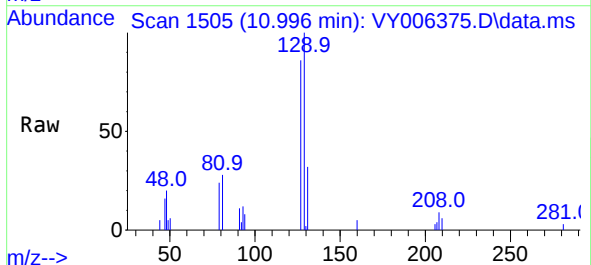
Manual Integrations
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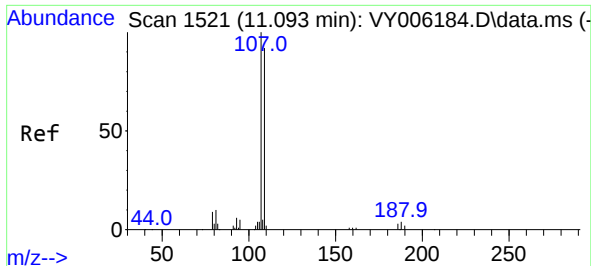
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#60
Dibromochloromethane
Concen: 4.300 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 129 Resp: 4634
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1





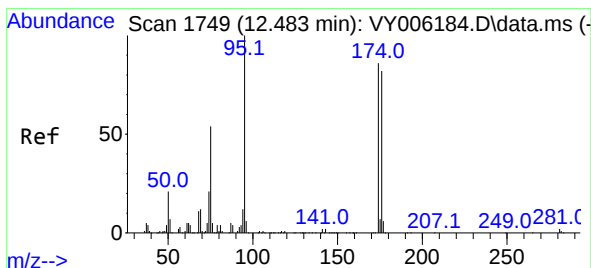
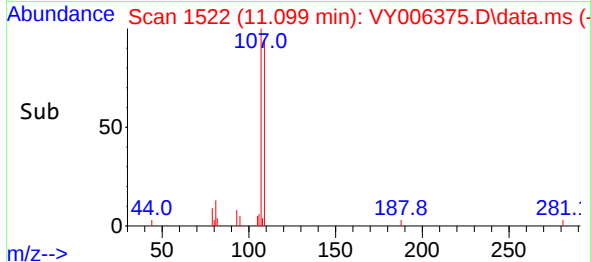
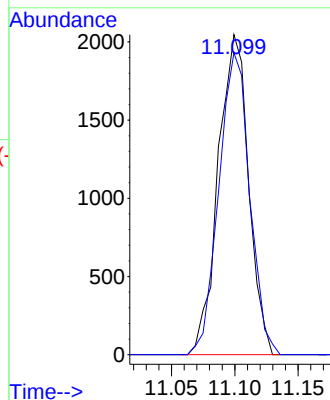
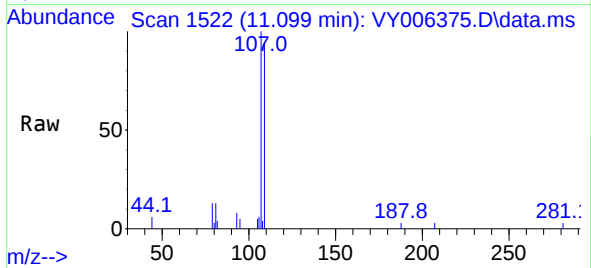
#61
1,2-Dibromoethane
Concen: 4.070 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 107 Resp: 3418
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

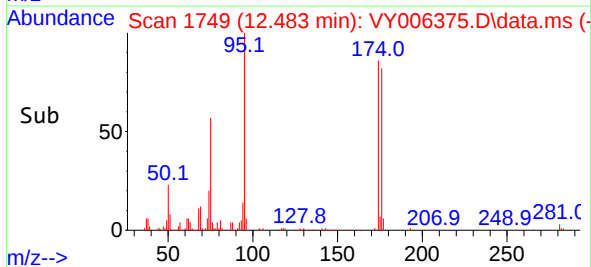
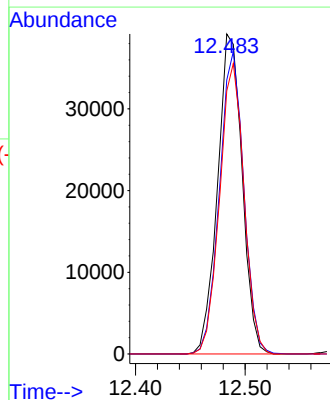
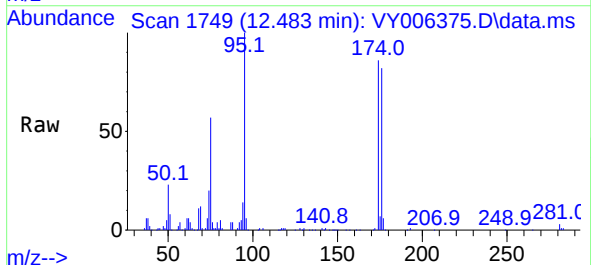
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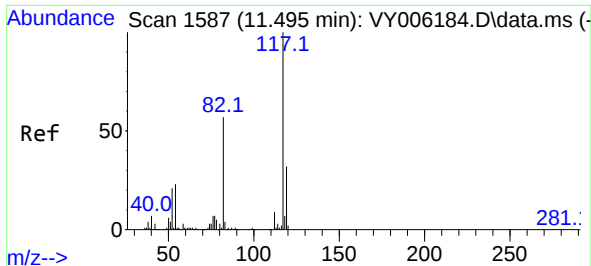
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#62
4-Bromofluorobenzene
Concen: 47.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

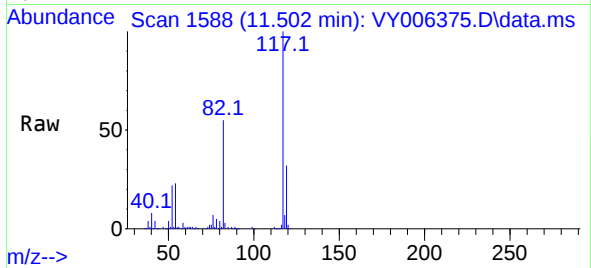
Tgt Ion: 95 Resp: 60966
Ion Ratio Lower Upper
95 100
174 93.5 0.0 177.0
176 90.0 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

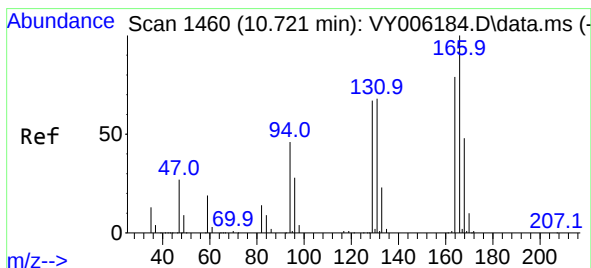
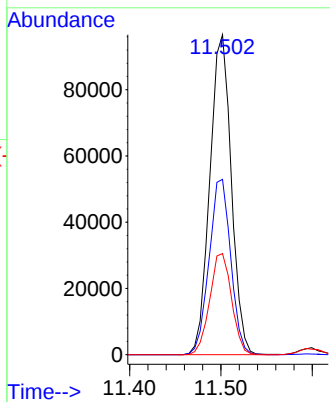
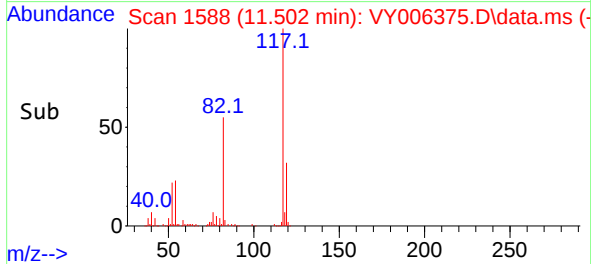
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



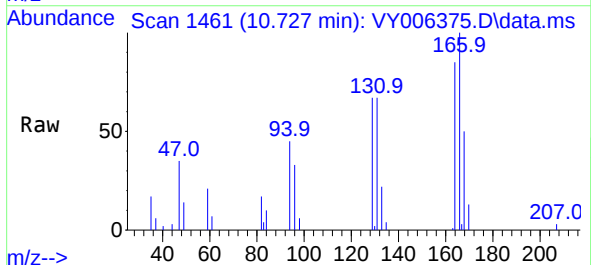
Tgt Ion:117 Resp: 157371
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.6 25.4 38.0

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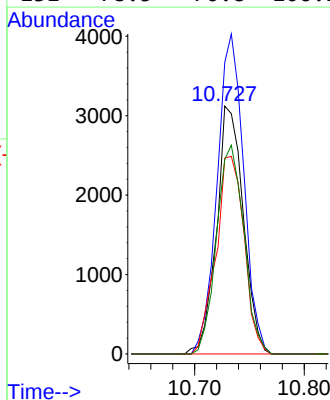
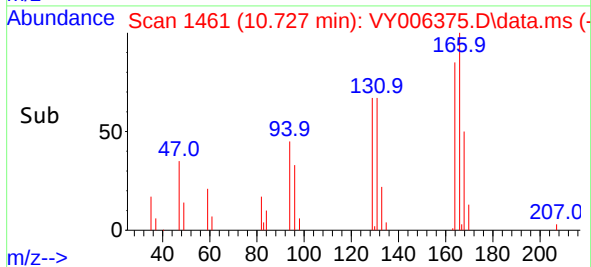
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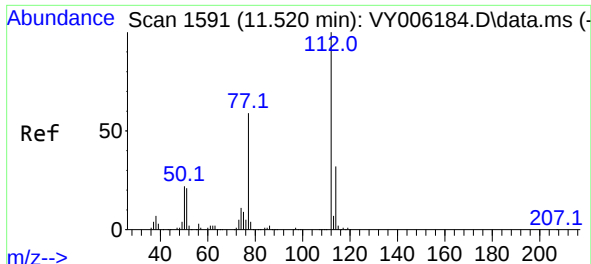


#64
Tetrachloroethene
Concen: 4.176 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



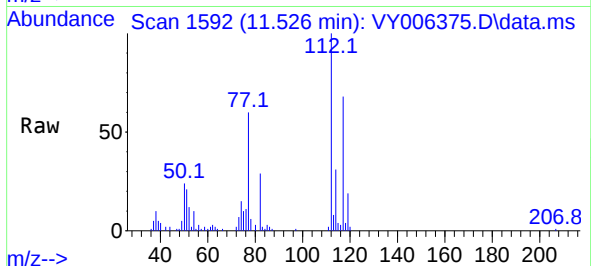
Tgt Ion:164 Resp: 5293
Ion Ratio Lower Upper
164 100
166 117.6 100.4 150.6
129 79.0 71.4 107.0
131 78.5 70.8 106.2





#65
Chlorobenzene
Concen: 3.945 ug/l
RT: 11.526 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

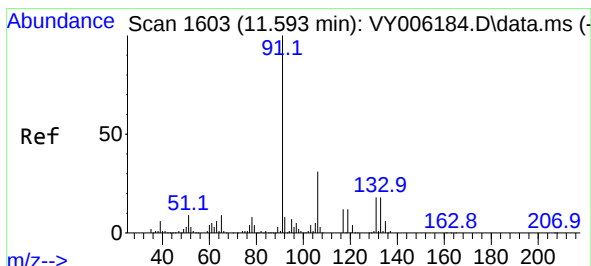
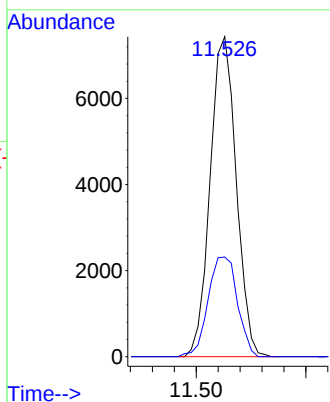
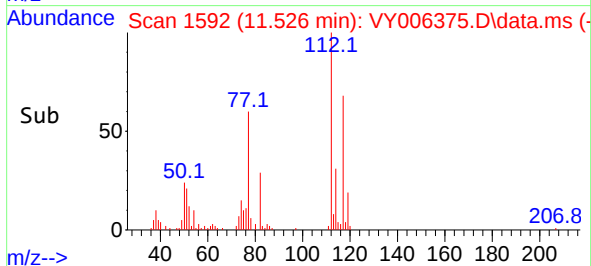
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



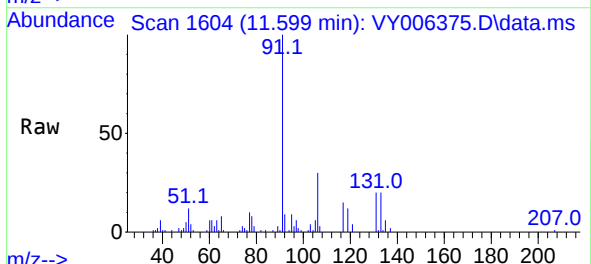
Tgt Ion:112 Resp: 12300
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

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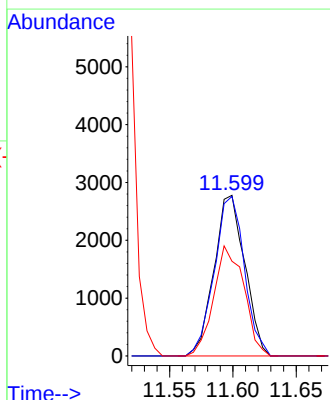
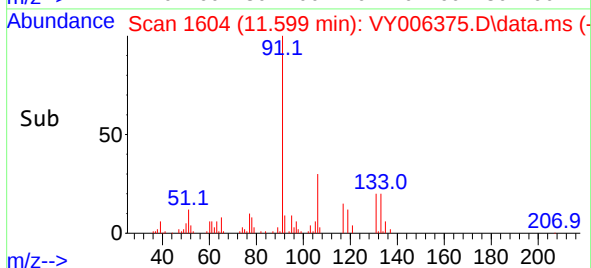
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.082 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



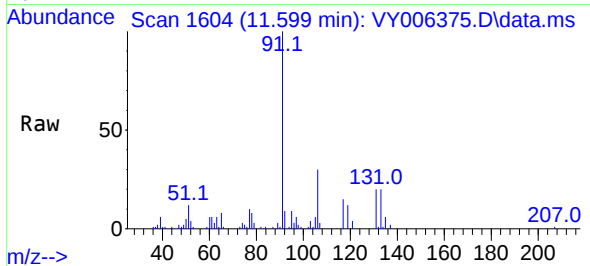
Tgt Ion:131 Resp: 4690
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.6
119 67.4 30.8 92.3





#67
Ethyl Benzene
Concen: 3.727 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

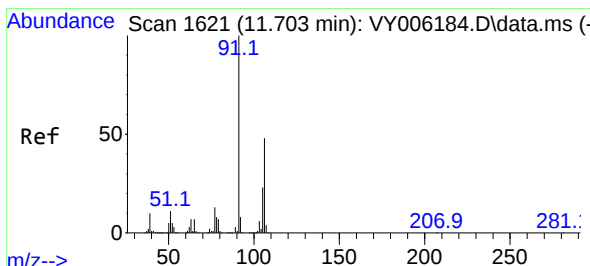
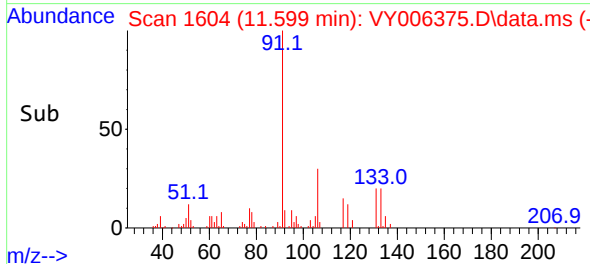
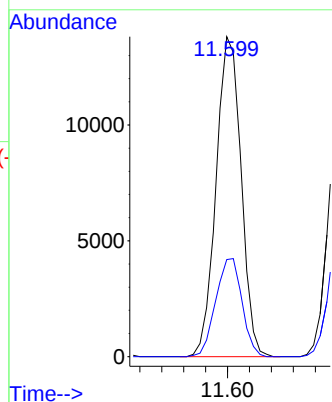
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



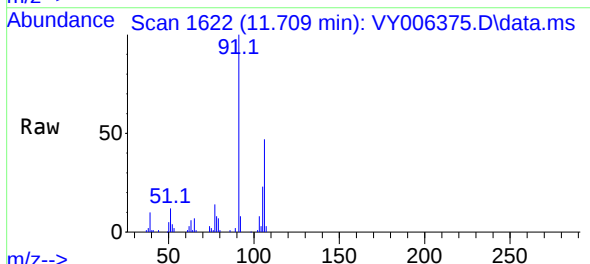
Tgt Ion: 91 Resp: 21906
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

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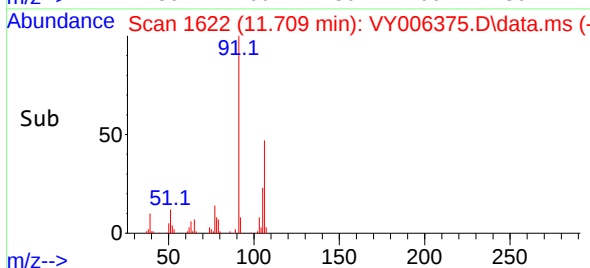
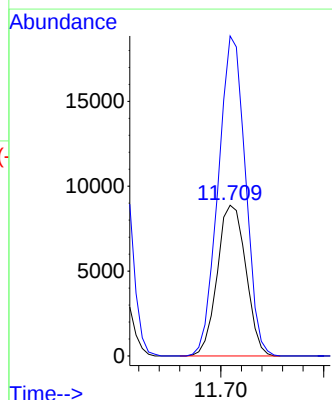
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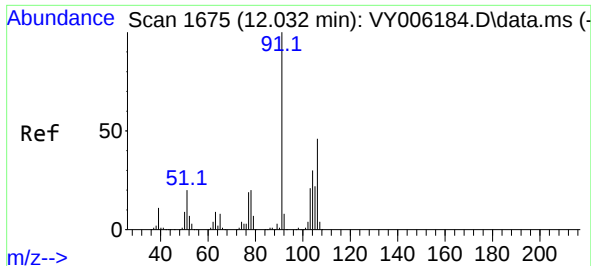


#68
m/p-Xylenes
Concen: 7.693 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



Tgt Ion: 106 Resp: 17158
Ion Ratio Lower Upper
106 100
91 201.9 166.6 249.8





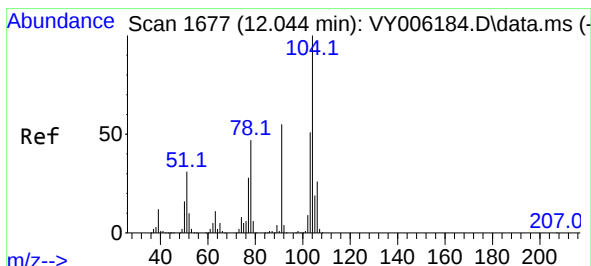
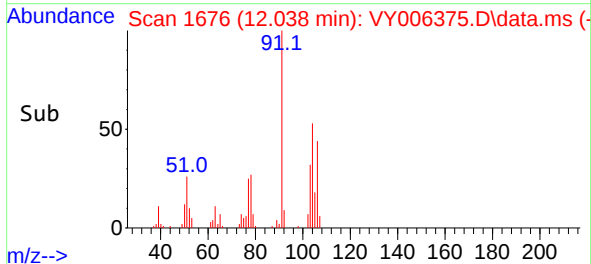
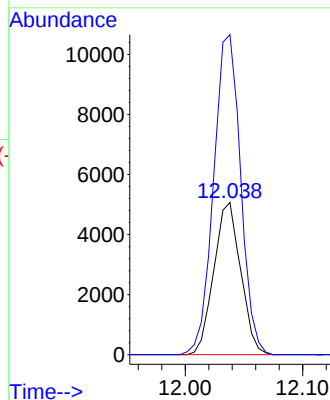
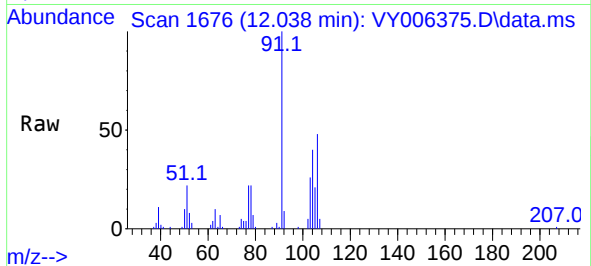
#69
o-Xylene
Concen: 3.815 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:106 Resp: 8037
Ion Ratio Lower Upper
106 100
91 211.9 110.3 331.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

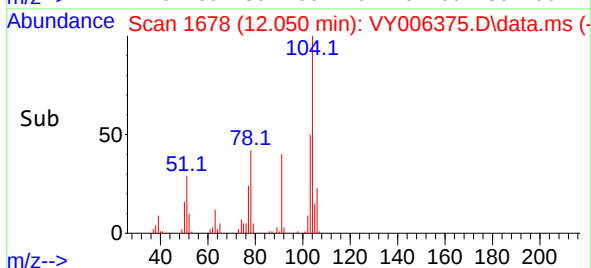
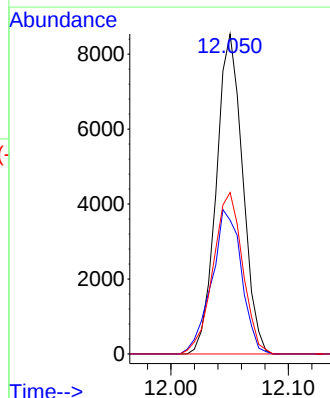
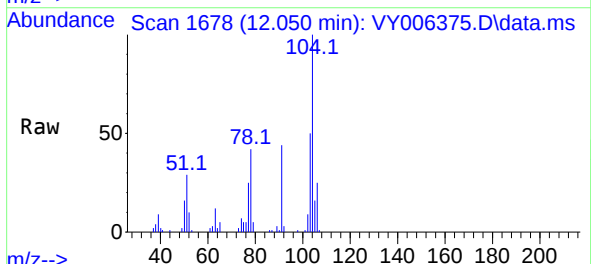
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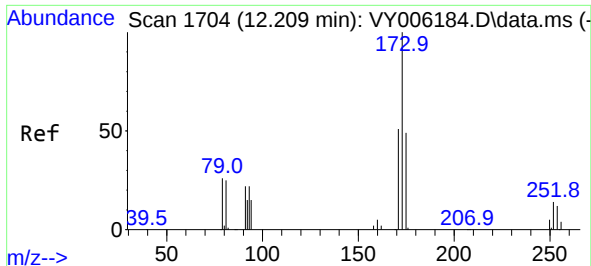
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#70
Styrene
Concen: 3.724 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:104 Resp: 13321
Ion Ratio Lower Upper
104 100
78 50.9 42.4 63.6
103 56.4 44.4 66.6





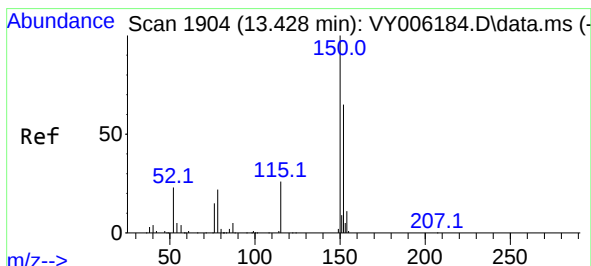
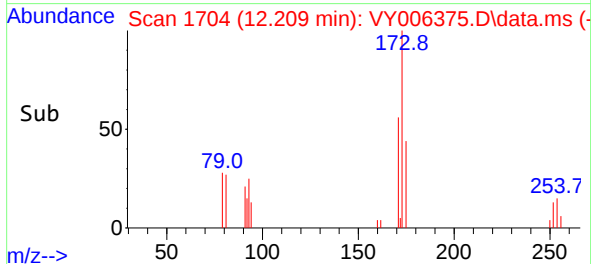
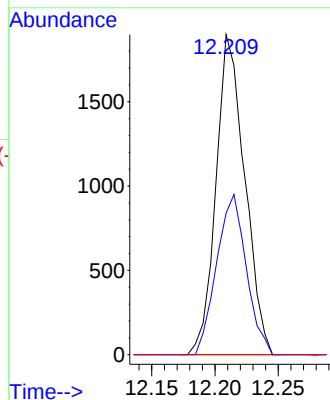
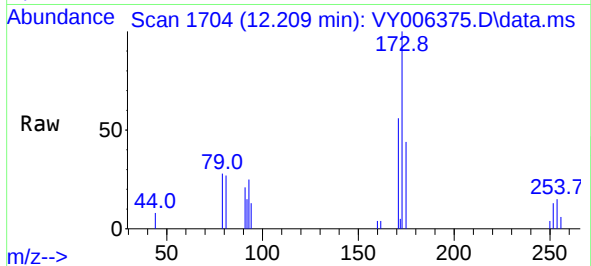
#71
Bromoform
Concen: 4.193 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	173	Resp:	2996
Ion Ratio	Lower	Upper	
173	100		
175	51.7	24.6	74.0
254	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

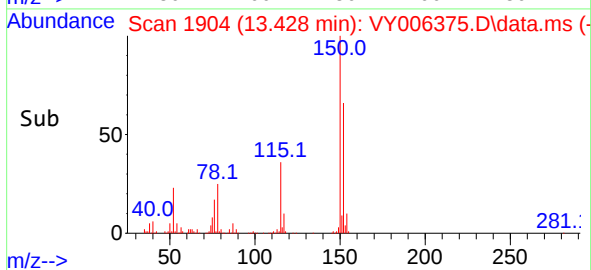
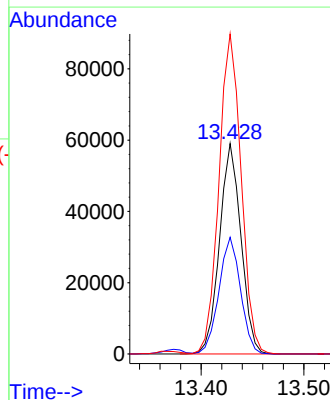
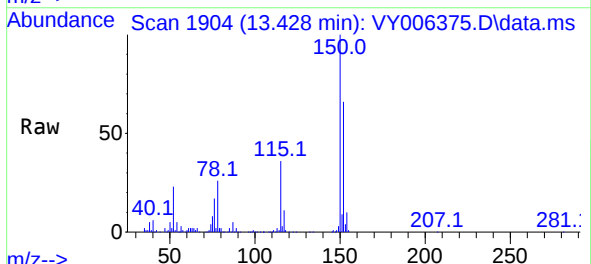
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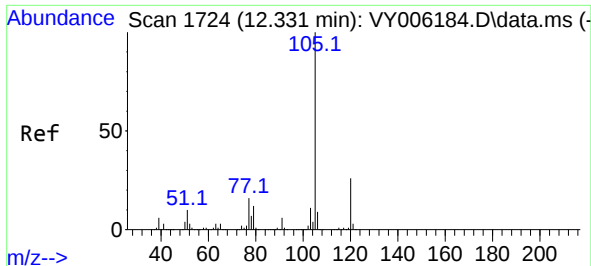
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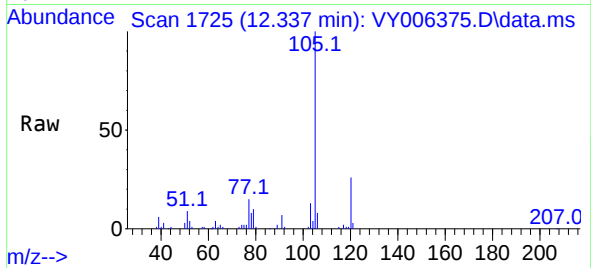
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	152	Resp:	85282
Ion Ratio	Lower	Upper	
152	100		
115	56.0	28.2	84.7
150	157.6	0.0	347.6

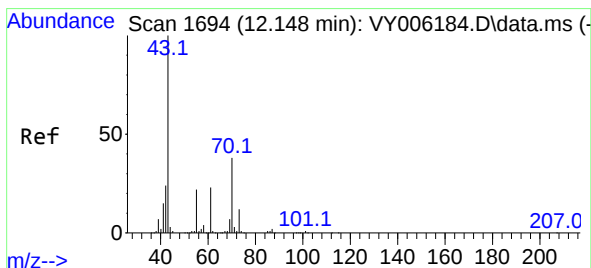
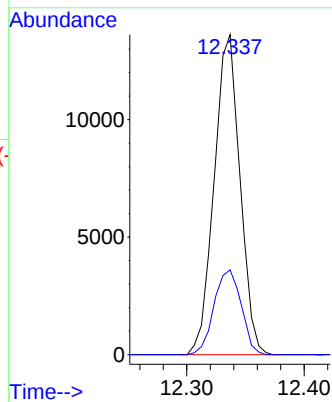
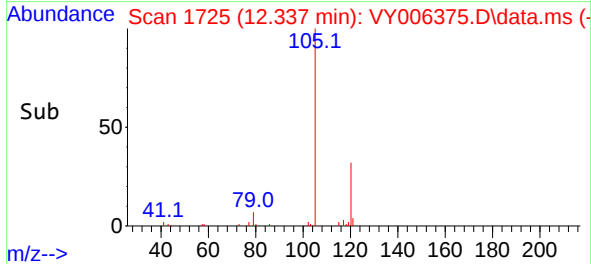




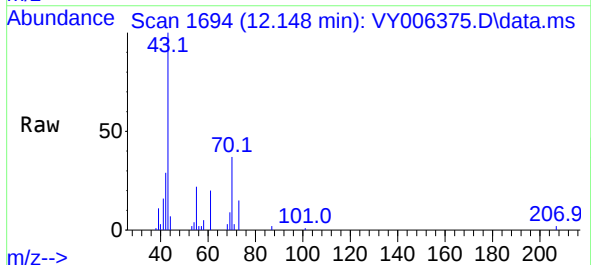
#73
Isopropylbenzene
Concen: 3.403 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



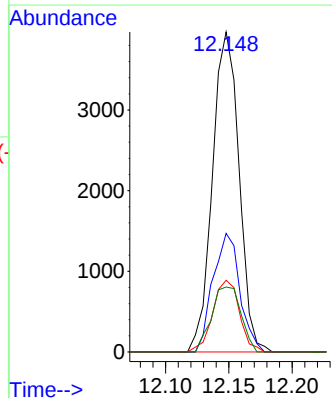
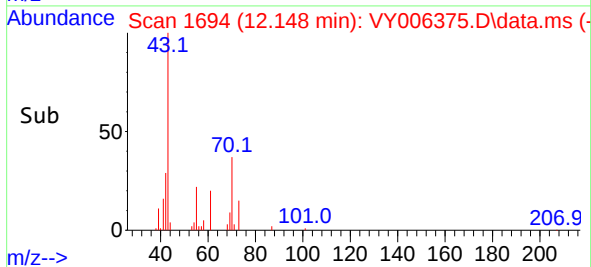
Tgt Ion: 105 Resp: 20786
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2



#74
N-ethyl acetate
Concen: 3.051 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



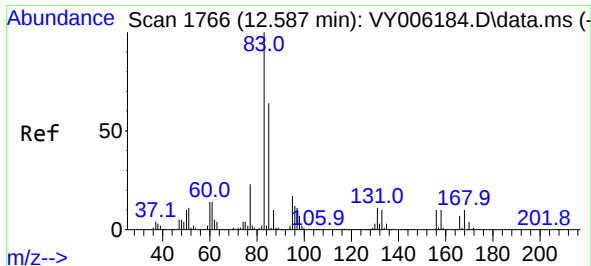
Tgt Ion: 43 Resp: 5784
Ion Ratio Lower Upper
43 100
70 37.4 28.7 43.1
55 22.5 17.3 25.9
61 22.5 17.0 25.6



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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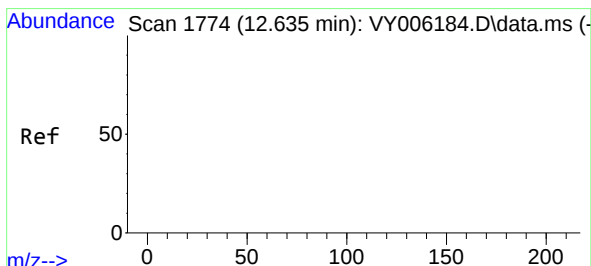
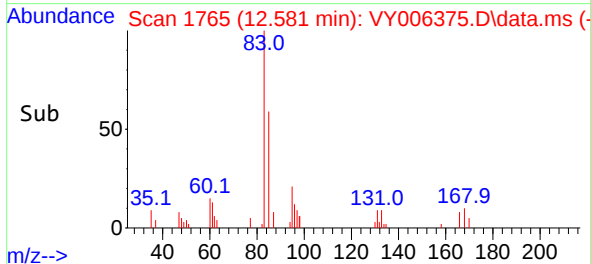
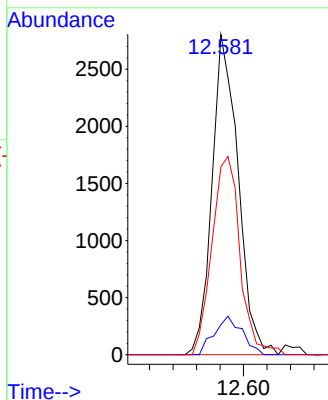
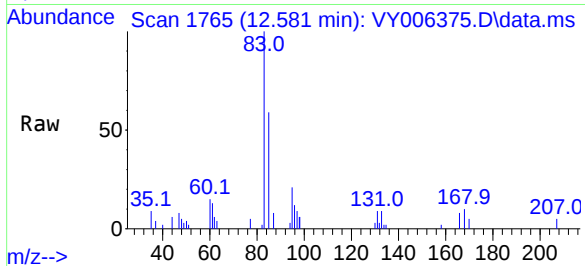
#75
1,1,2,2-Tetrachloroethane
Concen: 3.916 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	83	Resp:	4320
Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.6	16.8
85	66.6	32.3	96.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

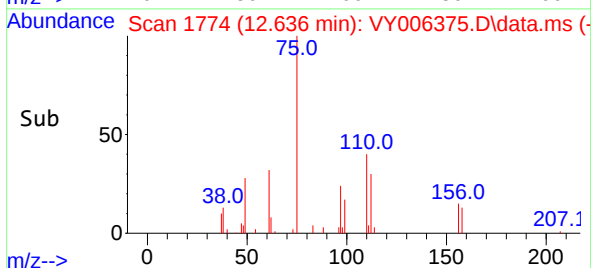
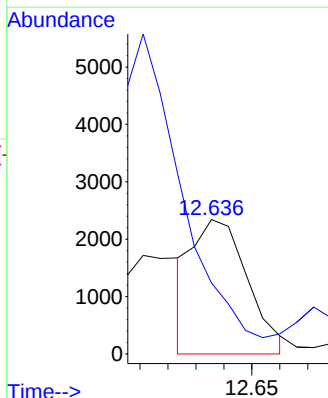
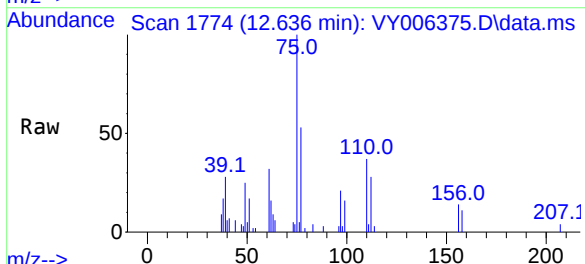
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#76
1,2,3-Trichloropropane
Concen: 3.875 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	75	Resp:	3212
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





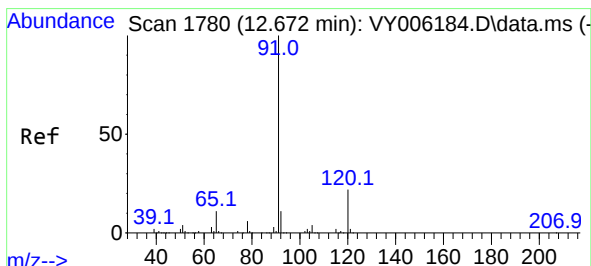
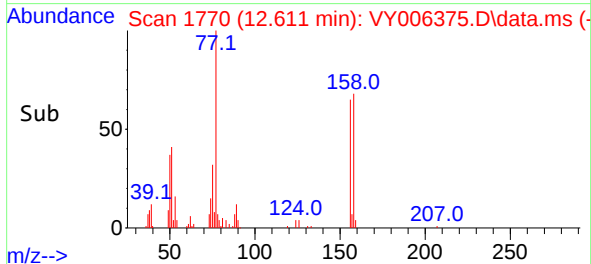
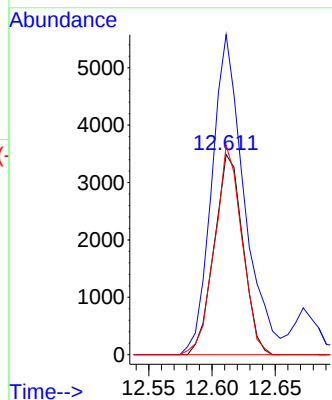
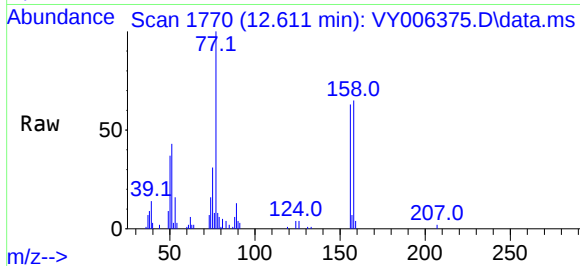
#77
Bromobenzene
Concen: 3.837 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion	Ratio	Lower	Upper
156	100		
77	180.4	95.5	286.4
158	99.8	48.0	144.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

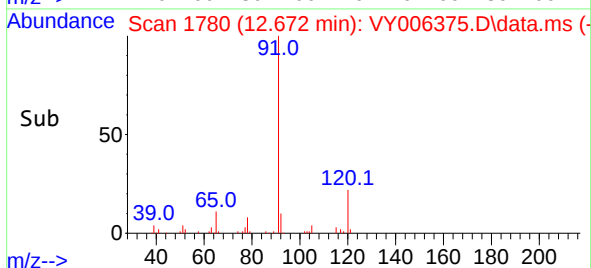
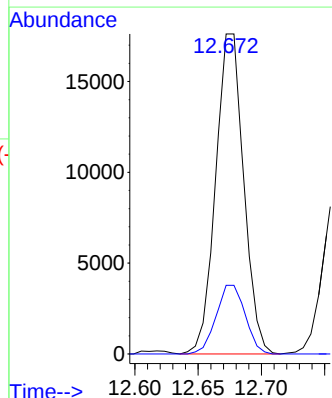
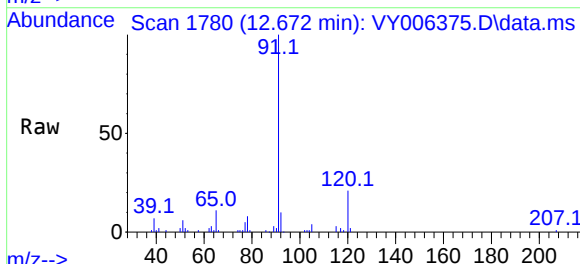
Manual Integrations
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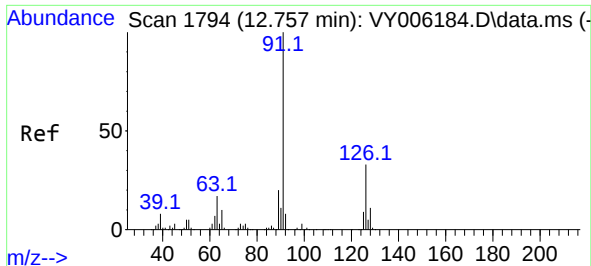
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#78
n-propylbenzene
Concen: 3.610 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.9





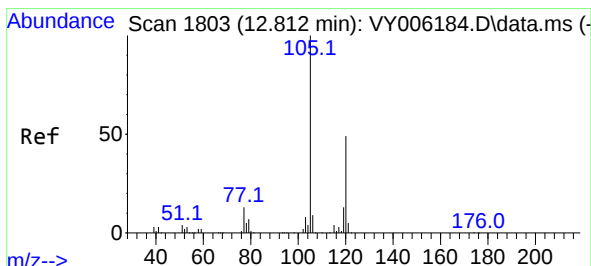
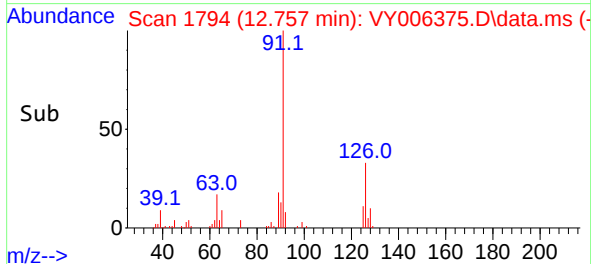
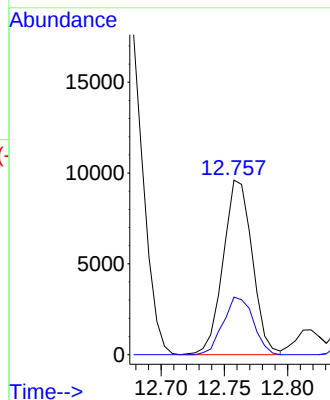
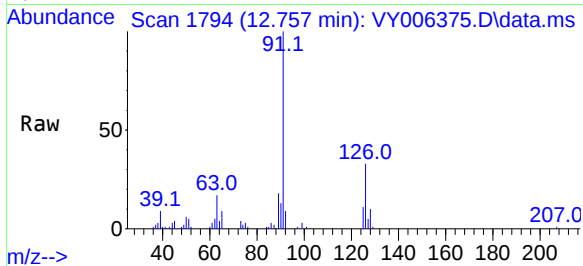
#79
2-Chlorotoluene
Concen: 3.705 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 91 Resp: 15415
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

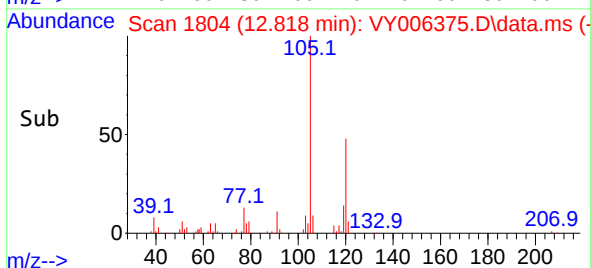
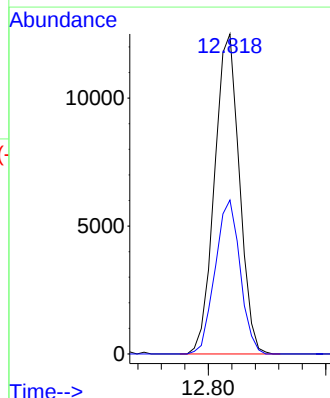
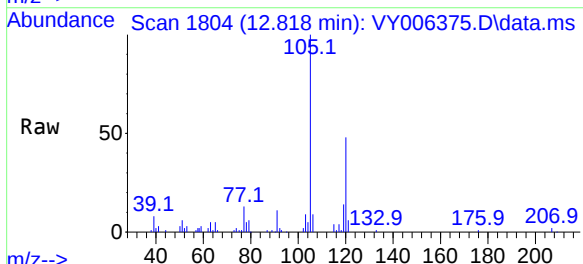
Manual Integrations
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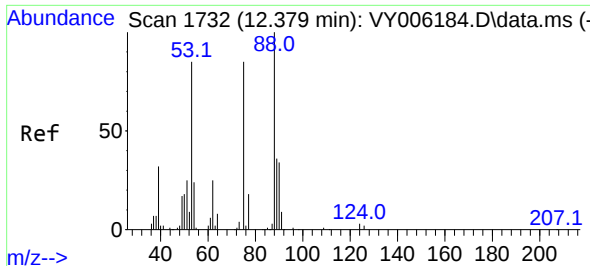
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#80
1,3,5-Trimethylbenzene
Concen: 3.602 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

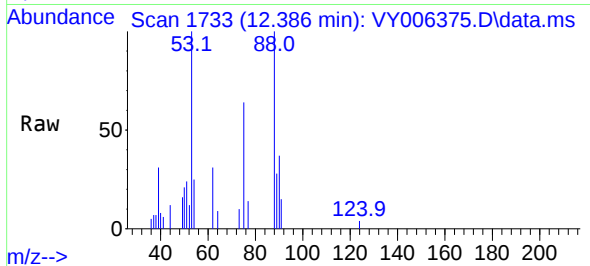
Tgt Ion: 105 Resp: 18398
Ion Ratio Lower Upper
105 100
120 48.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.286 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

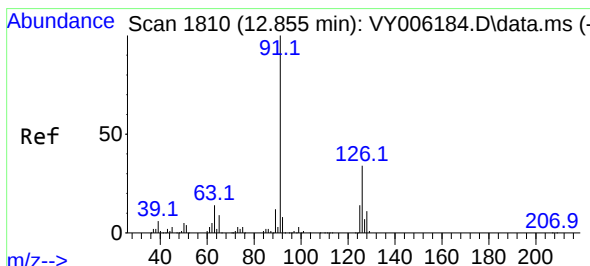
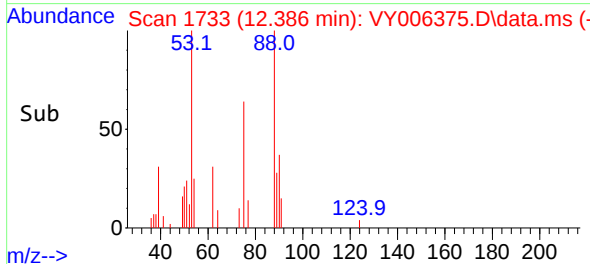
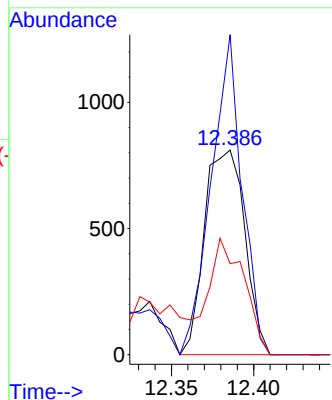
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 75 Resp: 1386
Ion Ratio Lower Upper
75 100
53 119.1 85.3 127.9
89 50.4 37.0 55.4

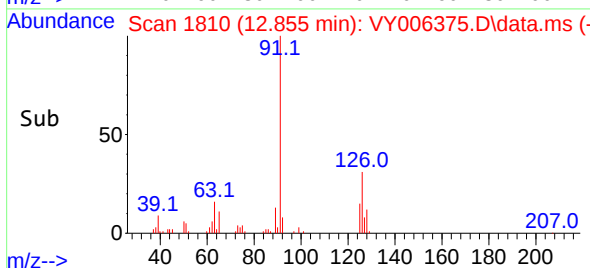
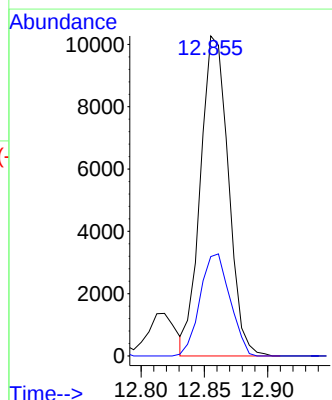
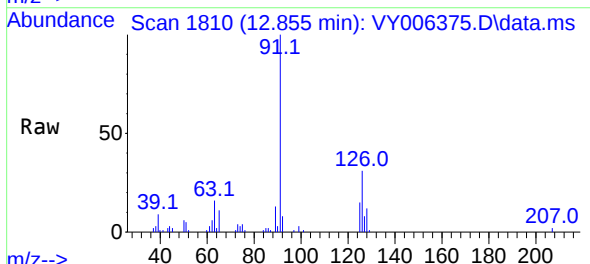
Manual Integrations
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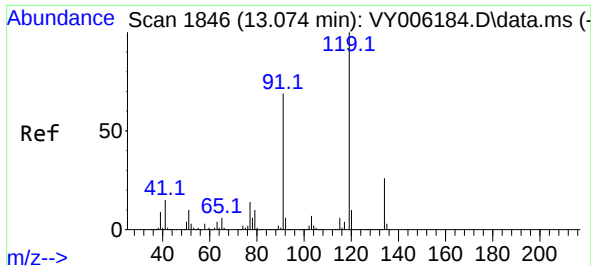
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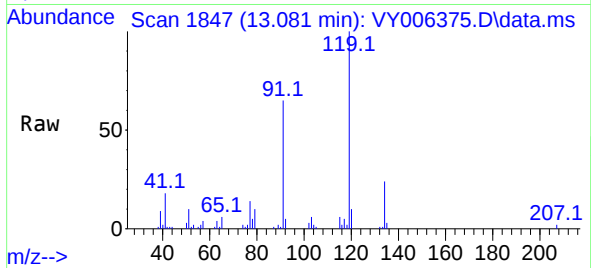
#82
4-Chlorotoluene
Concen: 3.665 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 91 Resp: 15774
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

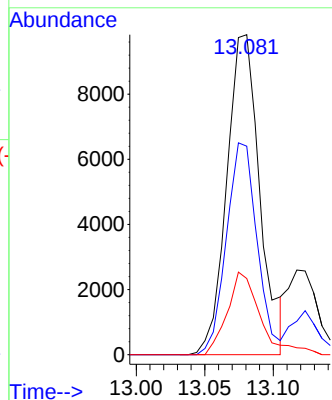




#83
tert-Butylbenzene
Concen: 3.778 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



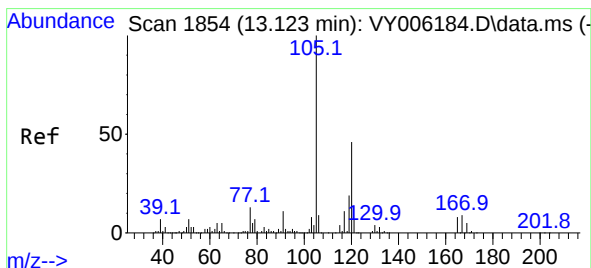
Tgt Ion:119 Resp: 16499
Ion Ratio Lower Upper
119 100
91 61.6 34.8 104.4
134 25.8 13.3 39.9



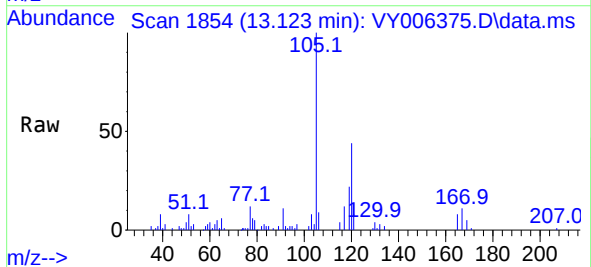
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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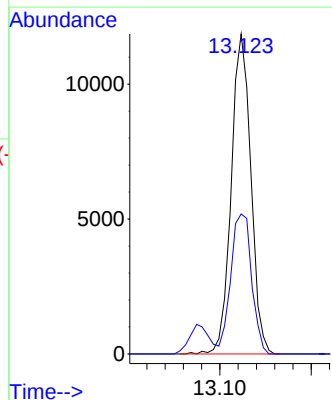
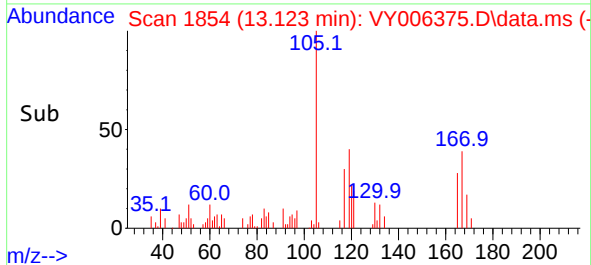
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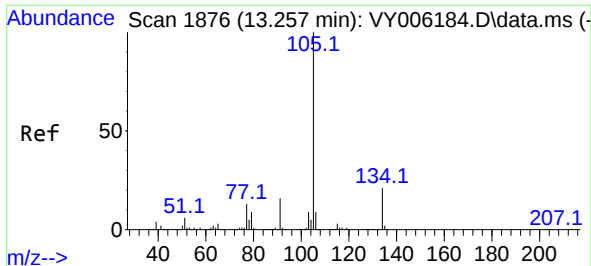


#84
1,2,4-Trimethylbenzene
Concen: 3.504 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



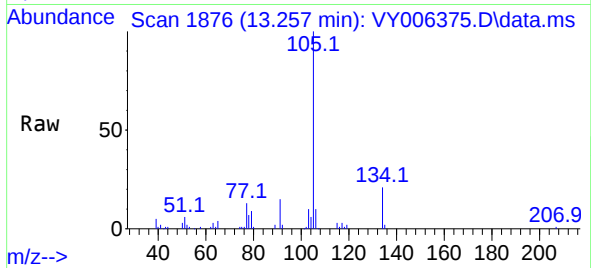
Tgt Ion:105 Resp: 17674
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 3.520 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY006375.D
 Acq: 12 Oct 2021 12:41

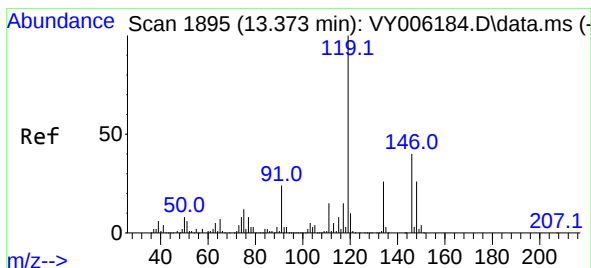
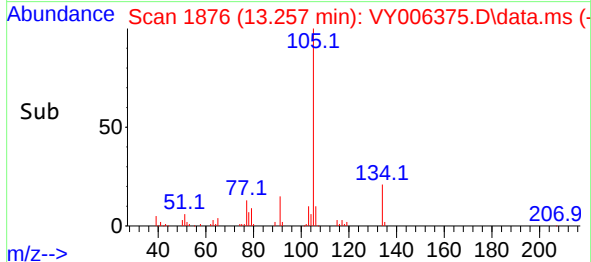
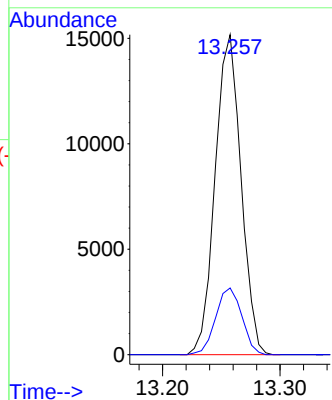
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



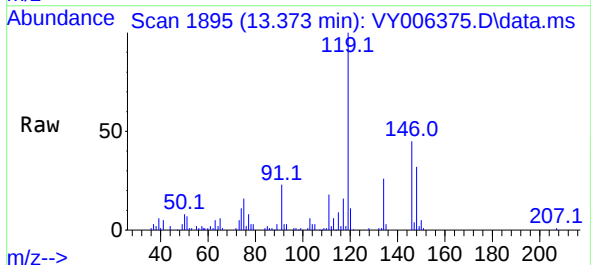
Tgt Ion:105 Resp: 23230
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

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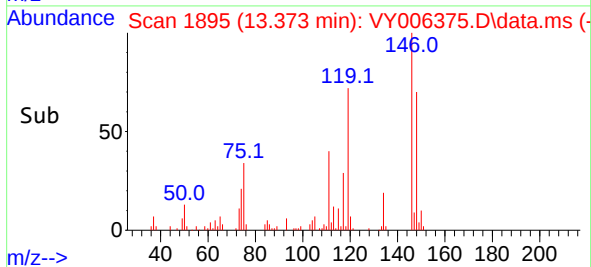
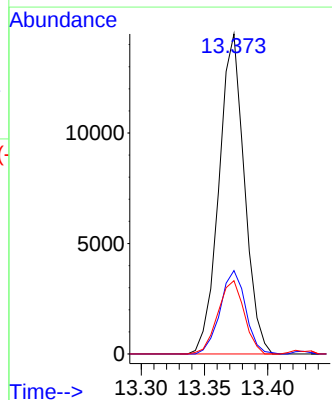
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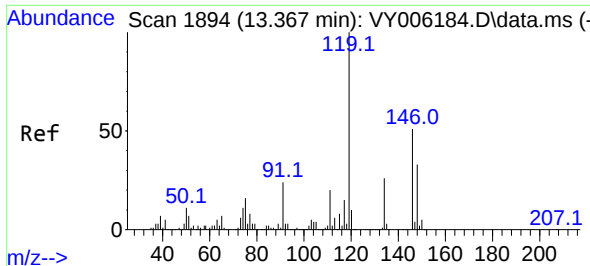


#86
 p-Isopropyltoluene
 Concen: 3.628 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY006375.D
 Acq: 12 Oct 2021 12:41



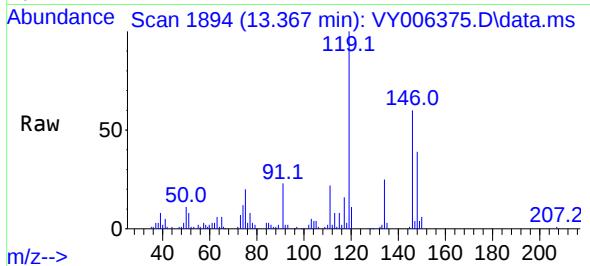
Tgt Ion:119 Resp: 20207
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 23.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 3.810 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

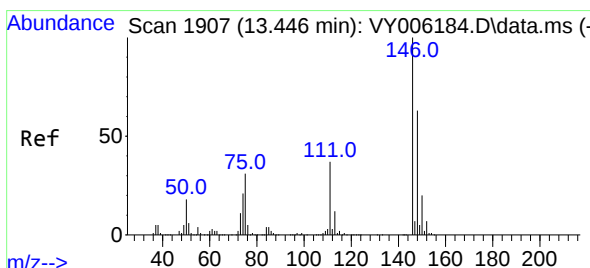
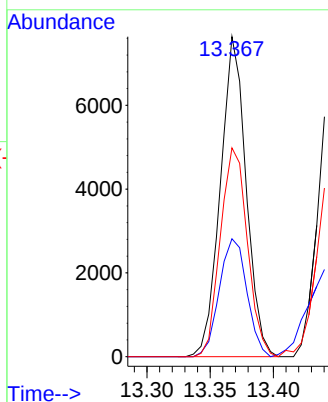
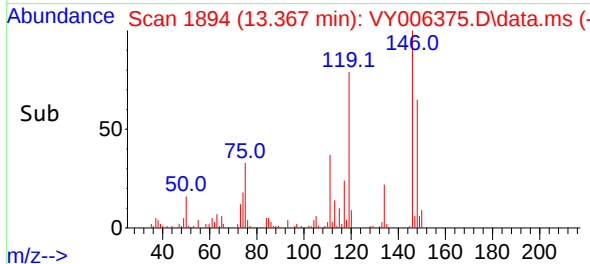
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



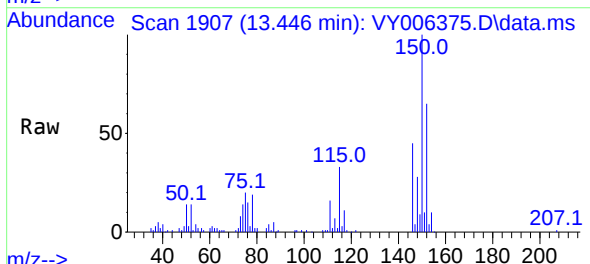
Tgt Ion:146 Resp: 10813
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 68.5 31.6 95.0

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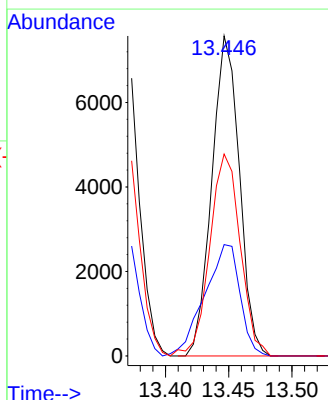
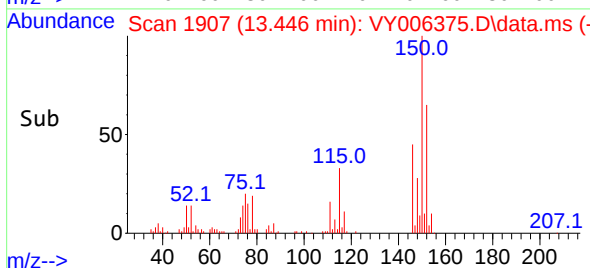
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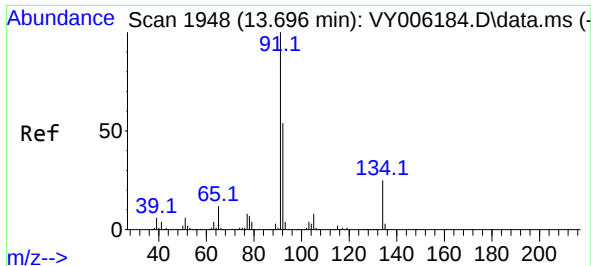


#88
1,4-Dichlorobenzene
Concen: 4.101 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



Tgt Ion:146 Resp: 11475
Ion Ratio Lower Upper
146 100
111 44.6 19.3 57.8
148 69.8 32.6 97.8





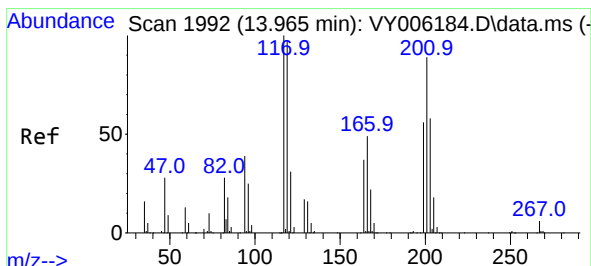
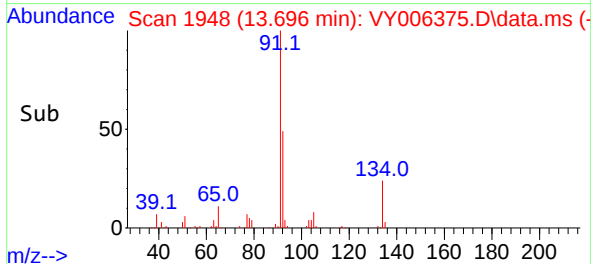
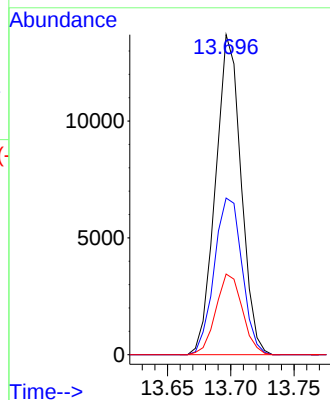
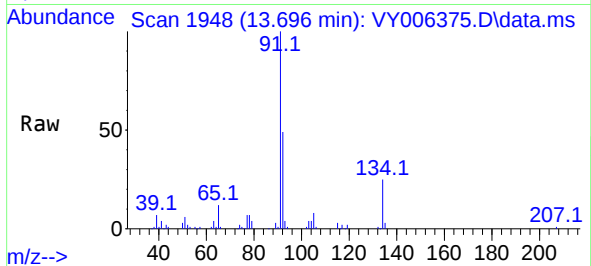
#89
n-Butylbenzene
Concen: 3.634 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion: 91	Resp: 19230
Ion Ratio	Lower Upper
91 100	
92 53.4	26.3 78.9
134 26.2	13.0 38.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

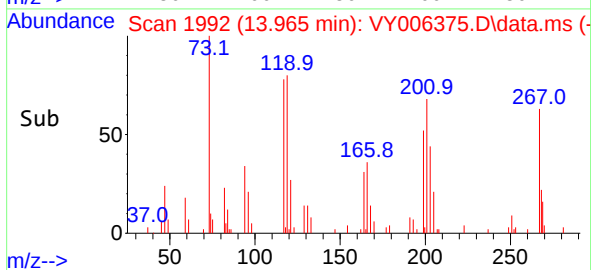
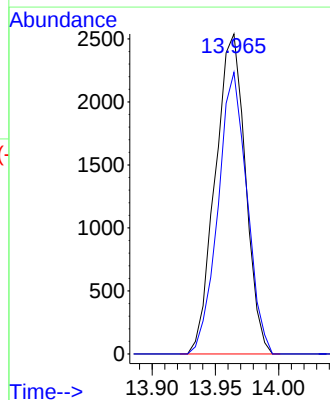
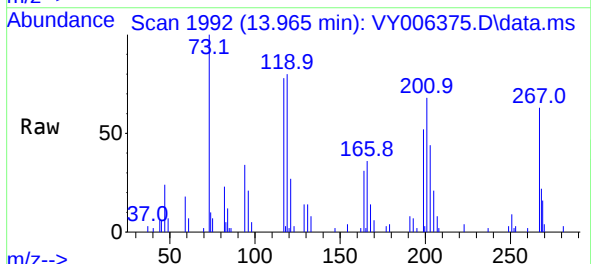
Manual Integrations
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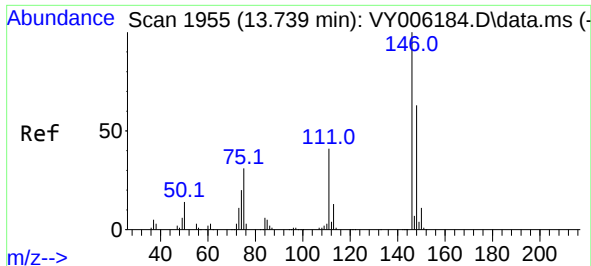
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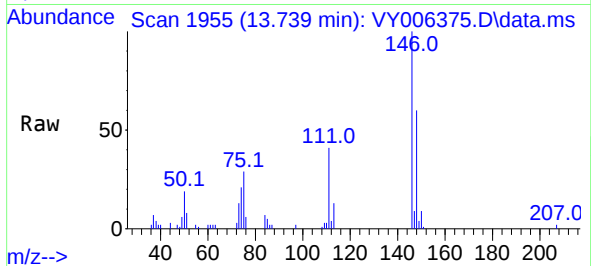
#90
Hexachloroethane
Concen: 4.157 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:117	Resp:	4204	
Ion	Ratio	Lower	Upper
117	100		
201	84.4	43.0	128.8

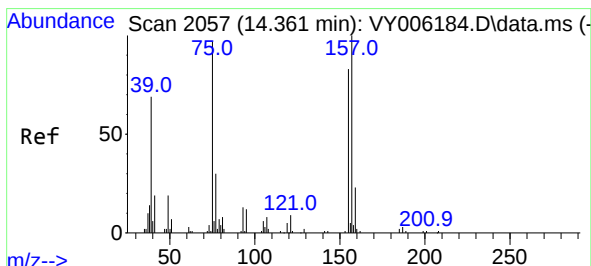
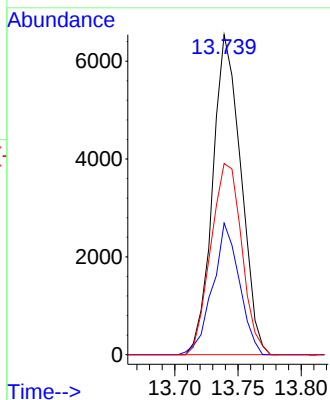
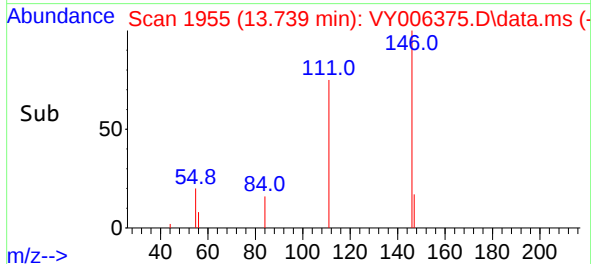




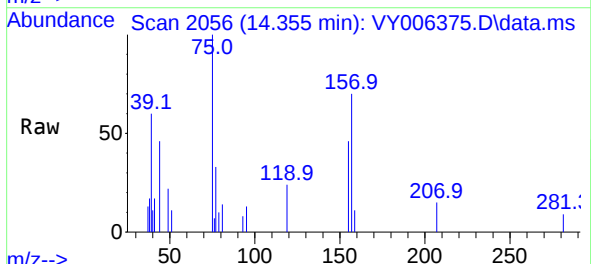
#91
1,2-Dichlorobenzene
Concen: 4.086 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



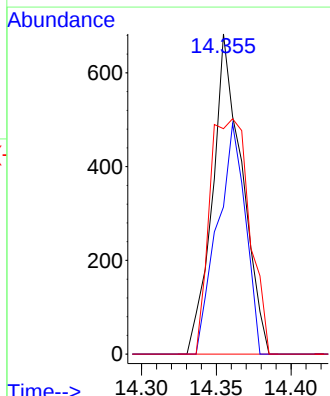
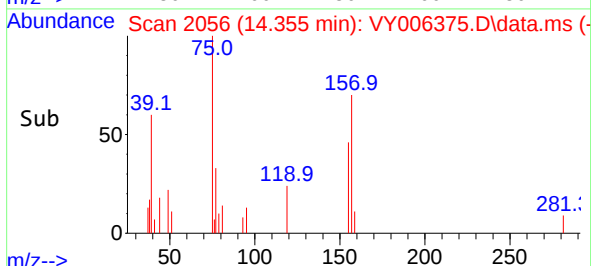
Tgt Ion:	146	Resp:	10138
Ion Ratio	Lower	Upper	
146	100		
111	38.9	20.3	60.9
148	65.6	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.453 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



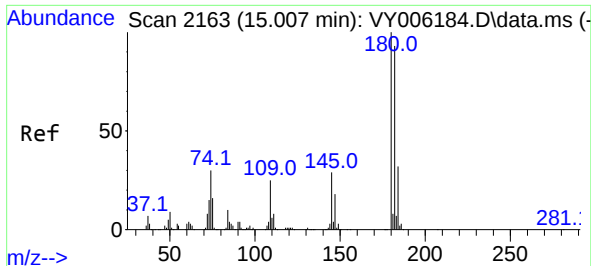
Tgt Ion:	75	Resp:	936
Ion Ratio	Lower	Upper	
75	100		
155	68.3	38.0	113.9
157	98.7	47.8	143.3



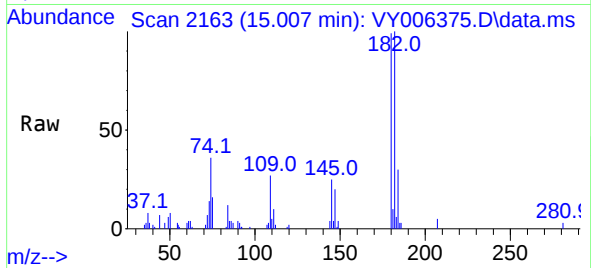
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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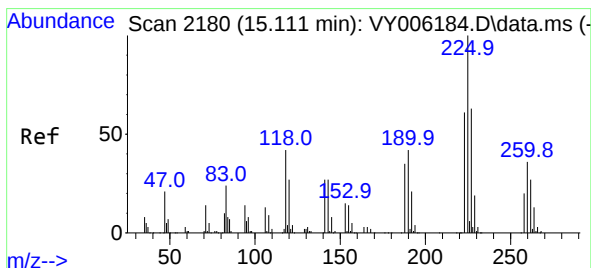
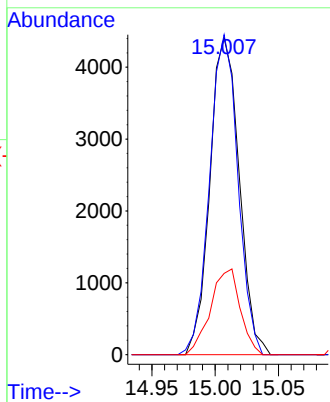
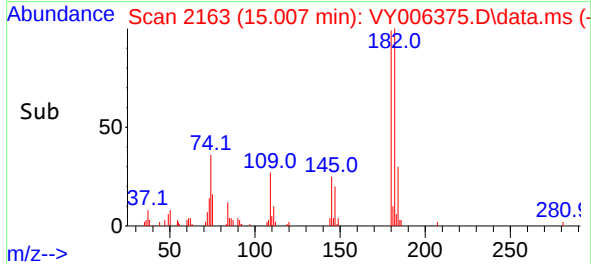


#93
1,2,4-Trichlorobenzene
Concen: 4.326 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

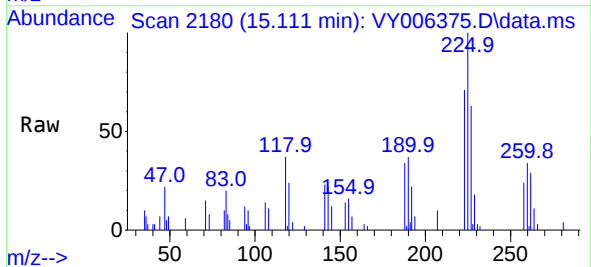


Tgt Ion:180 Resp: 7093

Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.3	141.9
145	27.5	14.6	43.8

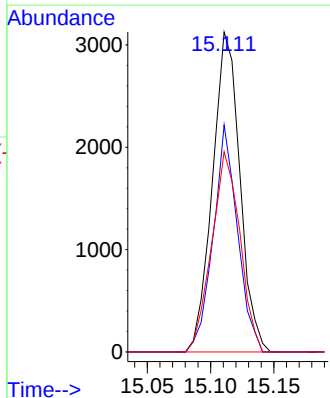
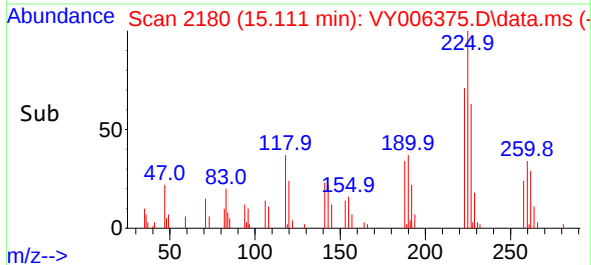


#94
Hexachlorobutadiene
Concen: 4.393 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41



Tgt Ion:225 Resp: 4699

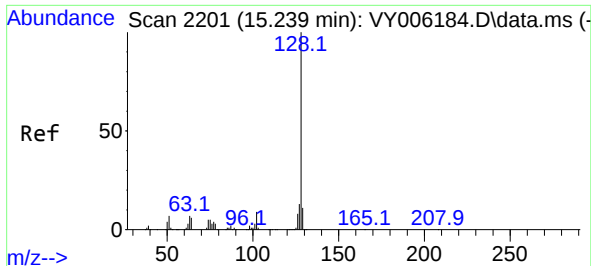
Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.8	92.3
227	64.4	31.6	94.7



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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MMDadoda
10/15/2021 6:22:35 PM



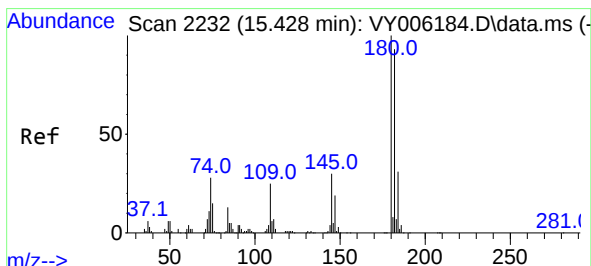
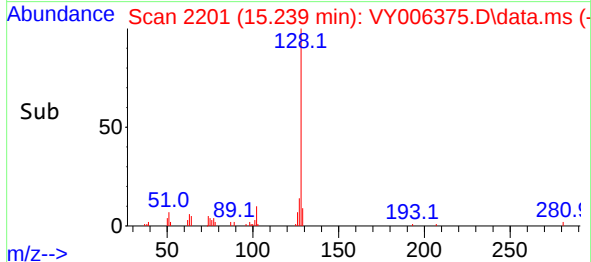
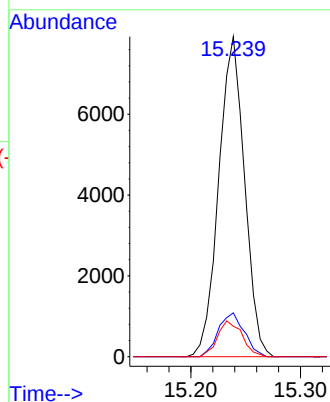
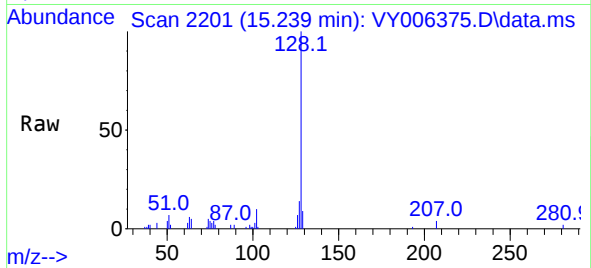
#95
Naphthalene
Concen: 3.968 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	128	Resp:	12927
Ion Ratio	Lower	Upper	
128	100		
127	13.8	11.0	16.4
129	10.7	8.4	12.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.461 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006375.D
Acq: 12 Oct 2021 12:41

Tgt Ion:	180	Resp:	6483
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.3	141.9
145	29.0	15.3	45.9

