

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006421.D
 Acq On : 19 Oct 2021 12:22
 Operator : SY/MD
 Sample : M4068-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Manual Integrations
 APPROVED

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 10/20/2021 5:49:18 PM

Quant Time: Oct 20 04:25:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 20 04:25:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	124649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	180178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94357	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	67291	50.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.88%			
35) Dibromofluoromethane	7.722	113	49517	47.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.26%			
50) Toluene-d8	10.185	98	196427	44.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.36%			
62) 4-Bromofluorobenzene	12.483	95	68267	45.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.42%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5794	4.58	ug/l	93
3) Chloromethane	2.113	50	7910	5.37	ug/l	97
4) Vinyl Chloride	2.253	62	8113	4.97	ug/l	97
5) Bromomethane	2.655	94	5620	5.30	ug/l	98
6) Chloroethane	2.802	64	4649	4.84	ug/l	98
7) Trichlorofluoromethane	3.137	101	10410	4.84	ug/l	100
8) Diethyl Ether	3.539	74	3272	4.61	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	5183	4.52	ug/l	97
10) Methyl Iodide	4.100	142	4814	3.85	ug/l	94
11) Tert butyl alcohol	4.960	59	4482	38.41	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	5482	4.70	ug/l	84
13) Acrolein	3.734	56	1505	20.25	ug/l	99
14) Allyl chloride	4.490	41	10394	4.63	ug/l	95
15) Acrylonitrile	5.173	53	9108	24.39	ug/l	98
16) Acetone	3.960	43	9340	25.07	ug/l	94
17) Carbon Disulfide	4.198	76	16997	4.35	ug/l	97
18) Methyl Acetate	4.484	43	7338	5.84	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	15832	4.64	ug/l #	89
20) Methylene Chloride	4.722	84	14949	10.31	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	5840	4.51	ug/l	88
22) Diisopropyl ether	6.130	45	19896	4.48	ug/l	93
23) Vinyl Acetate	6.069	43	55523	20.86	ug/l	97
24) 1,1-Dichloroethane	6.021	63	11251	4.72	ug/l	99
25) 2-Butanone	6.990	43	12887	24.83	ug/l	91
26) 2,2-Dichloropropane	6.990	77	10423	4.78	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	6651	4.59	ug/l	95
28) Bromochloromethane	7.337	49	4298	4.33	ug/l	96
29) Tetrahydrofuran	7.356	42	7896	24.08	ug/l	95
30) Chloroform	7.514	83	11464	4.82	ug/l	96
31) Cyclohexane	7.795	56	12760	5.05	ug/l #	73
32) 1,1,1-Trichloroethane	7.709	97	10692	4.87	ug/l	96
36) 1,1-Dichloropropene	7.923	75	8526	4.36	ug/l	98
37) Ethyl Acetate	7.075	43	5597	4.91	ug/l	98
38) Carbon Tetrachloride	7.898	117	9516	4.61	ug/l	91
39) Methylcyclohexane	9.185	83	9908	4.03	ug/l	93
40) Benzene	8.167	78	24905	4.49	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	3399	4.60	ug/l #	35
42) 1,2-Dichloroethane	8.240	62	8865	4.96	ug/l	98
43) Isopropyl Acetate	8.276	43	10239	4.68	ug/l	96
44) Trichloroethene	8.947	130	6692	4.67	ug/l	89
45) 1,2-Dichloropropane	9.221	63	5974	4.37	ug/l	97
46) Dibromomethane	9.307	93	3287	4.52	ug/l	93
47) Bromodichloromethane	9.502	83	8471	4.52	ug/l	98
48) Methyl methacrylate	9.294	41	4744	4.52	ug/l	95
49) 1,4-Dioxane	9.307	88	846	89.12	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	26518	23.36	ug/l	98
52) Toluene	10.245	92	15607	4.53	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	9036	4.42	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	9752	4.34	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	4606	4.50	ug/l	92
56) Ethyl methacrylate	10.514	69	6624	4.26	ug/l	94
57) 1,3-Dichloropropane	10.794	76	8335	4.50	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.788	63	17591	23.07	ug/l	94
59) 2-Hexanone	10.837	43	18745	23.19	ug/l	100
60) Dibromochloromethane	10.989	129	6078	4.89	ug/l	91
61) 1,2-Dibromoethane	11.093	107	4389	4.53	ug/l	100
64) Tetrachloroethene	10.721	164	7706	5.31	ug/l	90
65) Chlorobenzene	11.520	112	16168	4.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	5989	4.55	ug/l	98
67) Ethyl Benzene	11.593	91	28209	4.19	ug/l	98
68) m/p-Xylenes	11.703	106	21898	8.58	ug/l	97
69) o-Xylene	12.032	106	10333	4.28	ug/l	97
70) Styrene	12.044	104	17774	4.34	ug/l	98
71) Bromoform	12.209	173	3979	4.86	ug/l #	98
73) Isopropylbenzene	12.330	105	27554	4.08	ug/l	100
74) N-amyl acetate	12.141	43	8800	4.19	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	5022	4.11	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	3862m	4.21	ug/l	
77) Bromobenzene	12.611	156	6747	4.26	ug/l	97
78) n-propylbenzene	12.672	91	33493	4.03	ug/l	99
79) 2-Chlorotoluene	12.757	91	19475	4.23	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	22793	4.03	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	2149	4.60	ug/l	90
82) 4-Chlorotoluene	12.855	91	19589	4.11	ug/l	99
83) tert-Butylbenzene	13.074	119	19496	4.03	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	22604	4.05	ug/l	99
85) sec-Butylbenzene	13.251	105	29598	4.05	ug/l	99
86) p-Isopropyltoluene	13.373	119	24053	3.90	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	13430	4.28	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	13844	4.47	ug/l	94
89) n-Butylbenzene	13.696	91	23479	4.01	ug/l	100
90) Hexachloroethane	13.958	117	4779	4.27	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	11862	4.32	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1112	4.78	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	7659	4.22	ug/l	100
94) Hexachlorobutadiene	15.117	225	5320	4.49	ug/l	97
95) Naphthalene	15.238	128	13770	3.82	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	6769	4.21	ug/l	97

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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

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Abundance

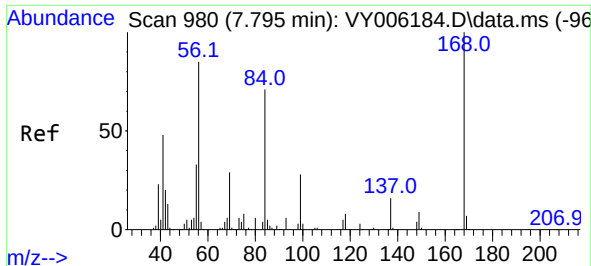
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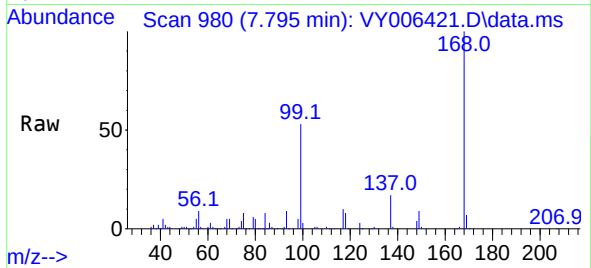
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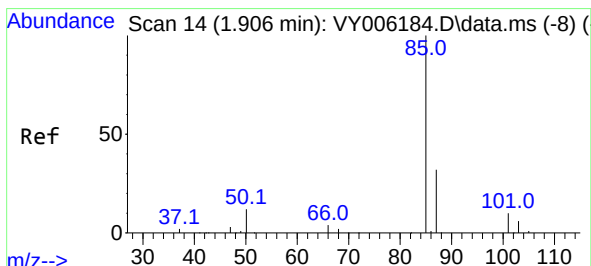
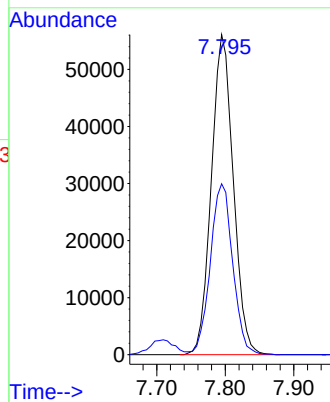
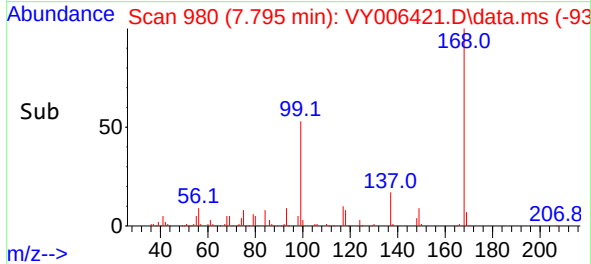
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Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl Chloride, T
Methyl Sulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Acrylonitrile, T
1,1-Dichloroethane, P
Dichloroethane, T
Ethyl Acetate, T
Ethyl Chloride, T
Methyl Chloride, T
Chloroform, C
1,1,1-Trichloroethane, T
1,1,1-Trichloroethane, S
1,1,1-Trichloroethane, T
1,2-Dichloroethane, T
1,2-Dichloroethane, TM
1,2-Dichloroethane-d4, S
1,4-Difluorobenzene, I
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl Chloride, T
1,1,2-Trichloroethane, T
1,3-Dichlorobutane, T
Dibromochloromethane, T
1,2-Dibromoethane, T
Chlorobenzene, T
Chlorobenzene-d5, I
Ethyl Chloride, T
Bromochloroethane, T
Acetone, T
trans-1,4-Dichlorobenzene, T
1,2,2-Trichloroethane, T
1,2,2-Trichloroethane, T
4-Chlorobenzonitrile, T
tert-Butylbenzene, T
sec-Butylbenzene, T
p-Toluenesulfonic acid, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, I
1,2,3-Trichlorobenzene, T



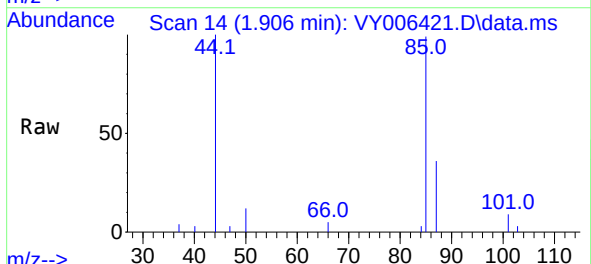
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006421.D
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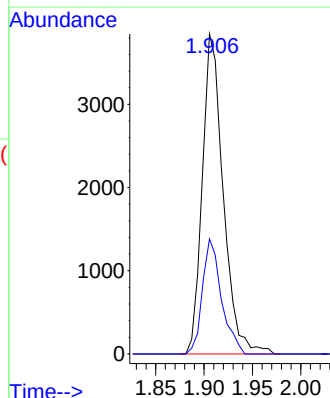
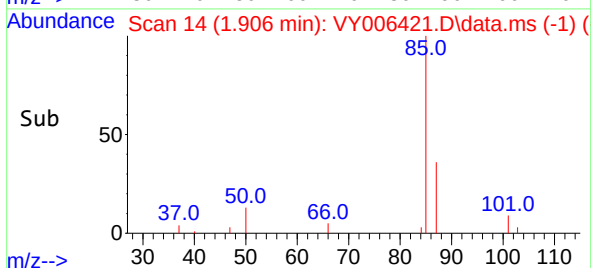
Tgt Ion: 168 Resp: 124649
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.58 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



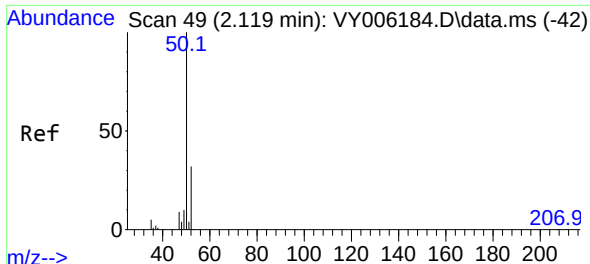
Tgt Ion: 85 Resp: 5794
Ion Ratio Lower Upper
85 100
87 36.0 16.1 48.2



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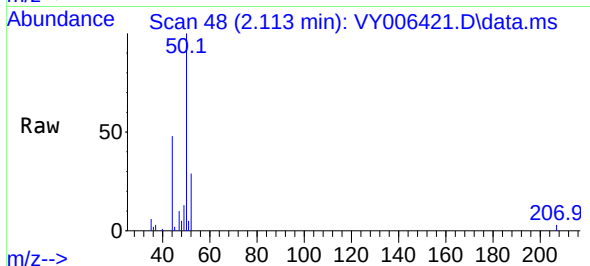
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#3
Chloromethane
Concen: 5.37 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

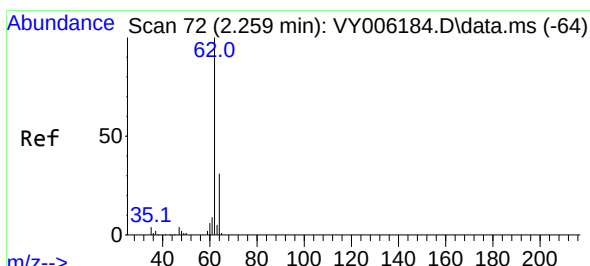
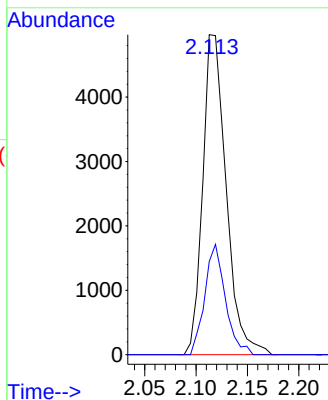
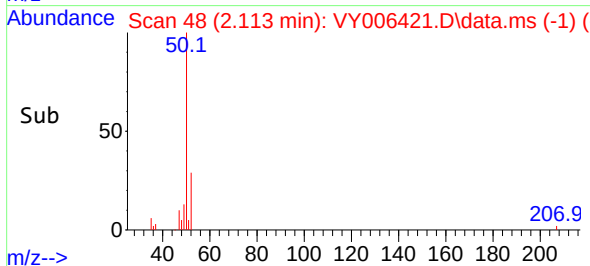
Instrument :
MSVOA_Y
ClientSampleId :
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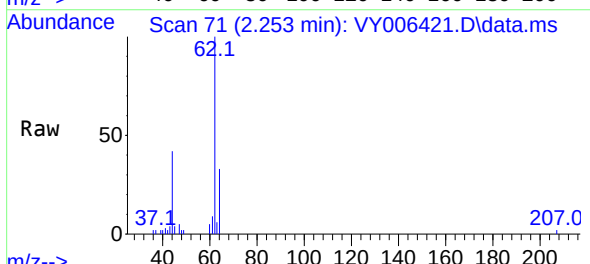
Tgt Ion: 50 Resp: 7910
Ion Ratio Lower Upper
50 100
52 29.1 24.6 37.0

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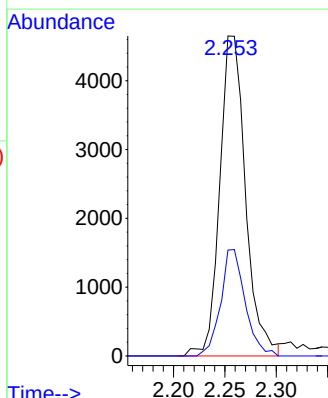
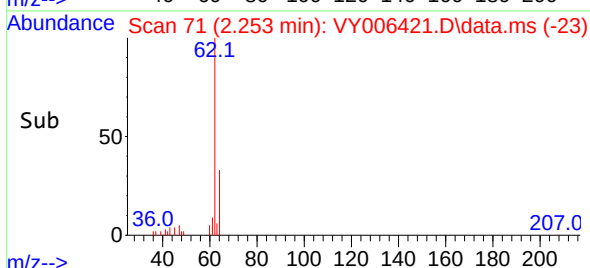
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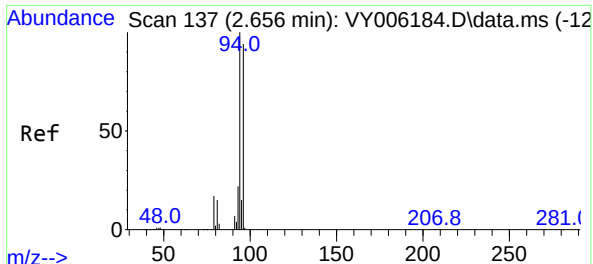


#4
Vinyl Chloride
Concen: 4.97 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



Tgt Ion: 62 Resp: 8113
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6





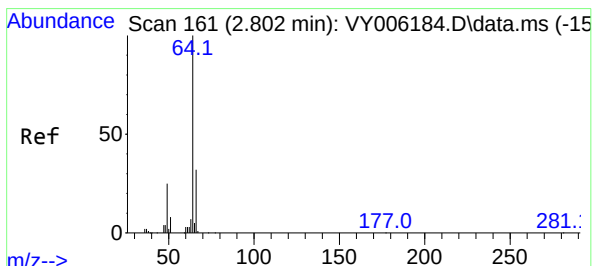
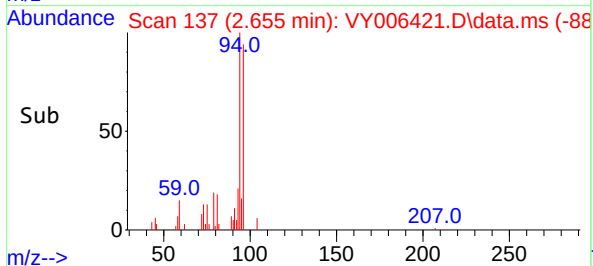
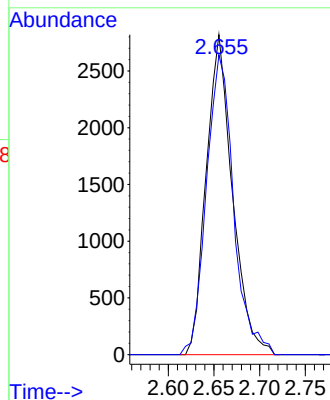
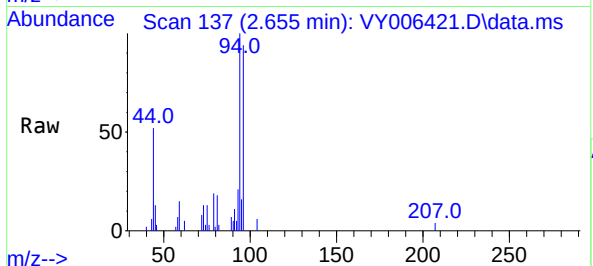
#5
Bromomethane
Concen: 5.30 ug/l
RT: 2.655 min Scan# 137
Delta R.T. -0.001 min
Lab File: VY006421.D
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Tgt Ion: 94 Resp: 5620
Ion Ratio Lower Upper
94 100
96 93.7 73.5 110.3

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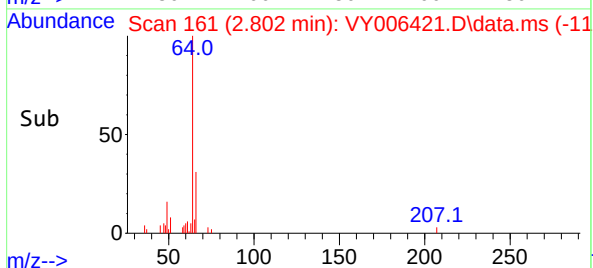
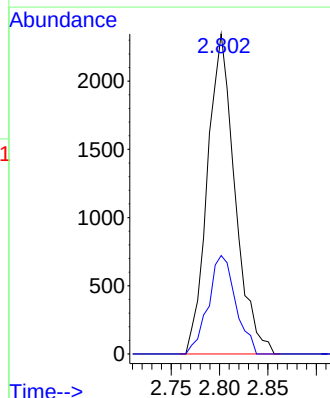
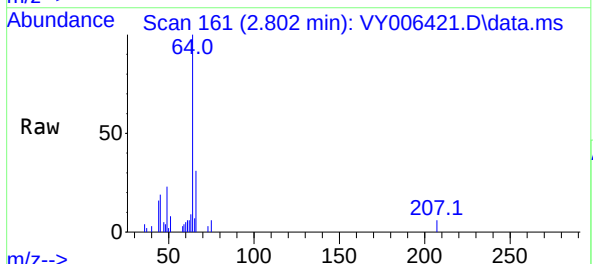
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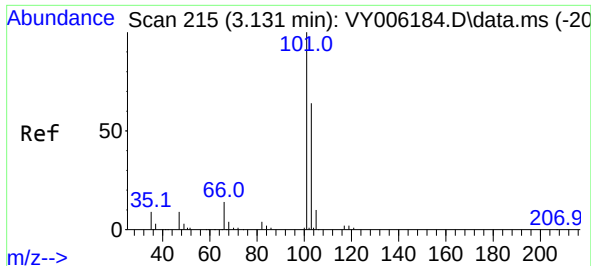
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#6
Chloroethane
Concen: 4.84 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 64 Resp: 4649
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0





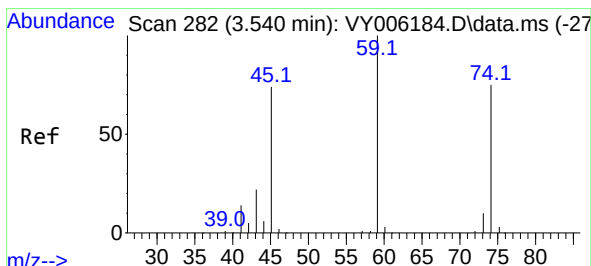
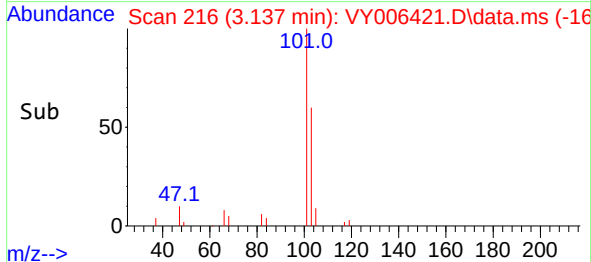
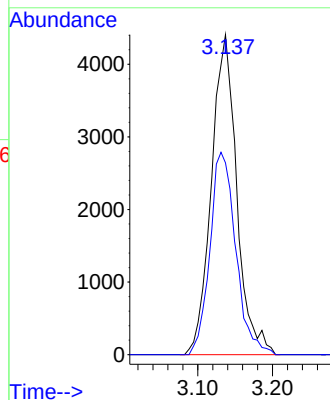
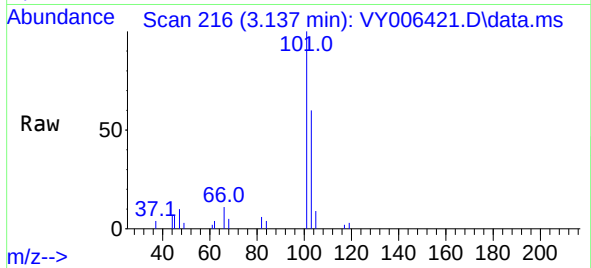
#7
Trichlorofluoromethane
Concen: 4.84 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
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Tgt Ion:101 Resp: 10410
Ion Ratio Lower Upper
101 100
103 59.9 48.0 72.0

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MDL-SOIL-03-QT4-2021

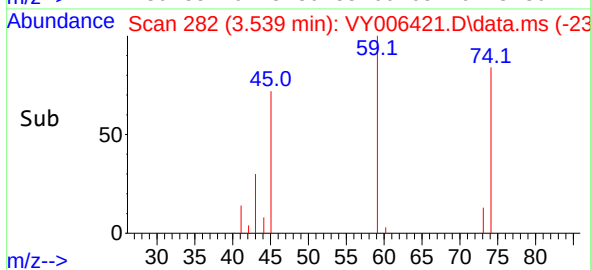
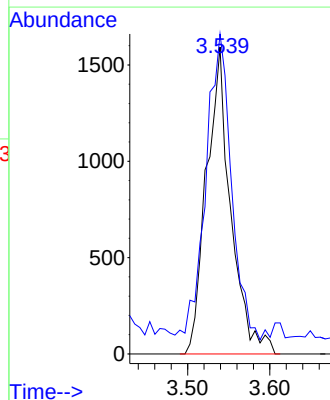
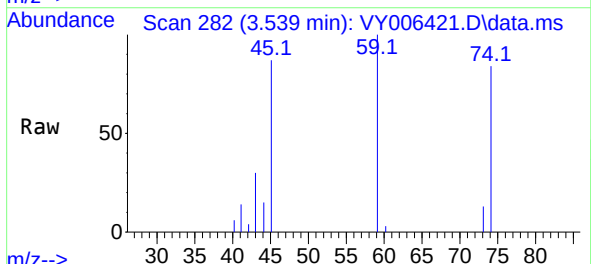
Manual Integrations
APPROVED

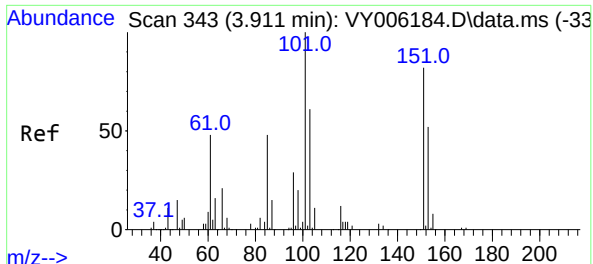
MMDadoda
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#8
Diethyl Ether
Concen: 4.61 ug/l
RT: 3.539 min Scan# 282
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 74 Resp: 3272
Ion Ratio Lower Upper
74 100
45 104.8 55.1 165.5





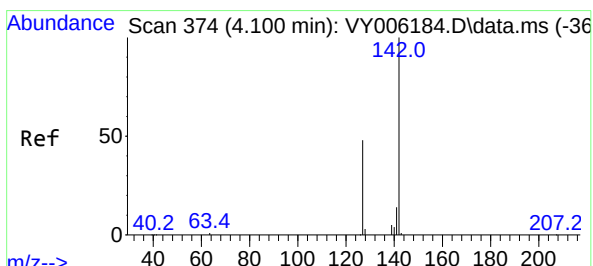
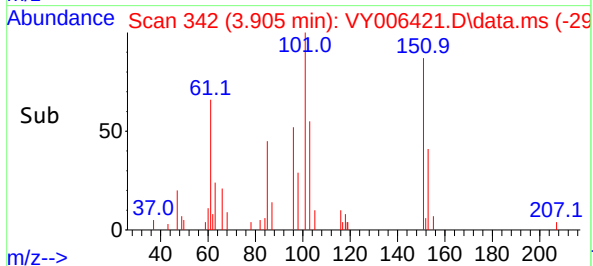
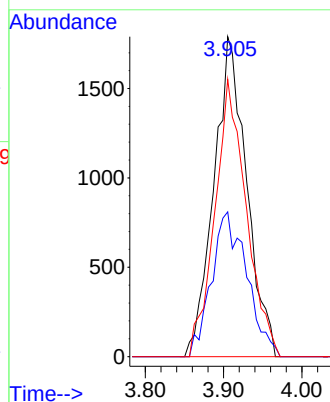
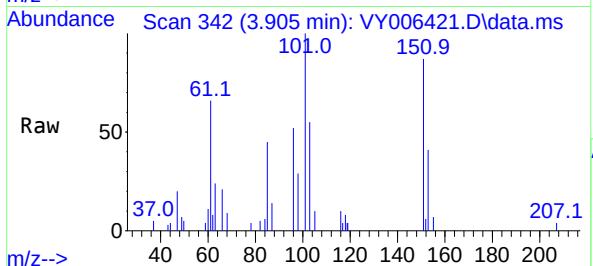
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.52 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	101	Resp:	5183
Ion	Ratio	Lower	Upper
101	100		
85	48.8	40.6	60.8
151	83.6	64.9	97.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

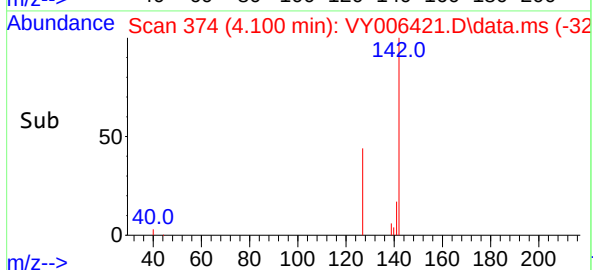
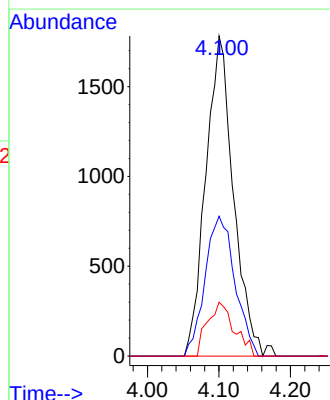
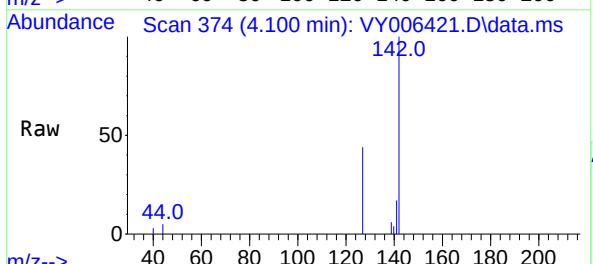
Manual Integrations
APPROVED

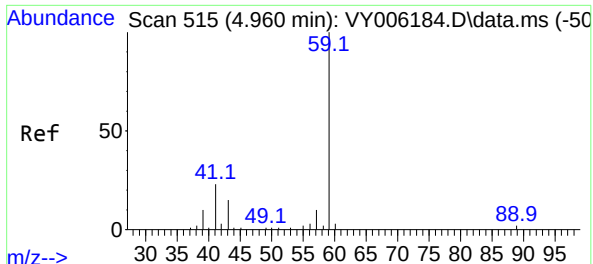
MMDadoda
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#10
Methyl Iodide
Concen: 3.85 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	142	Resp:	4814
Ion	Ratio	Lower	Upper
142	100		
127	47.0	41.5	62.3
141	16.2	11.9	17.9





#11

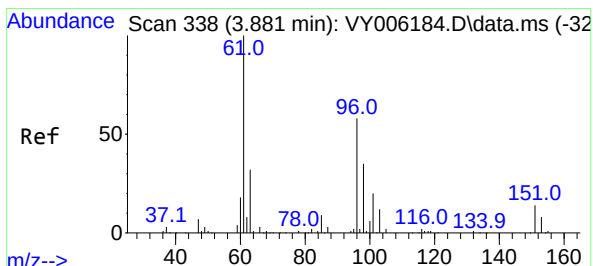
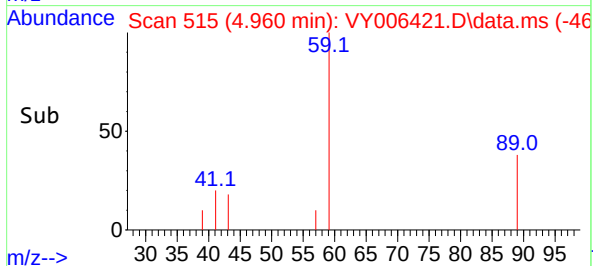
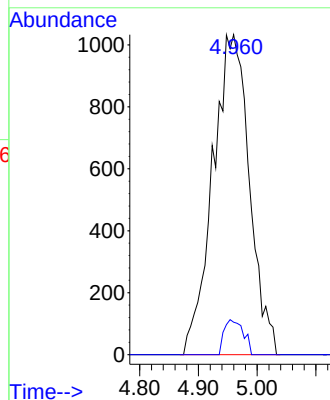
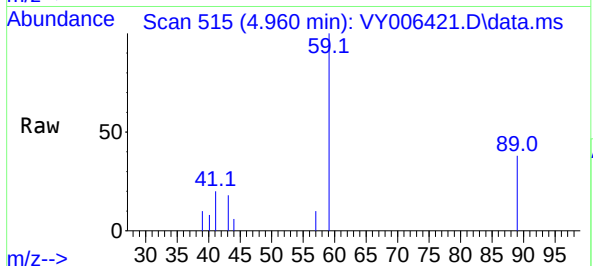
Tert butyl alcohol
Concen: 38.41 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 59 Resp: 4482
Ion Ratio Lower Upper
59 100
57 5.7 6.4 9.6#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

Manual Integrations
APPROVED

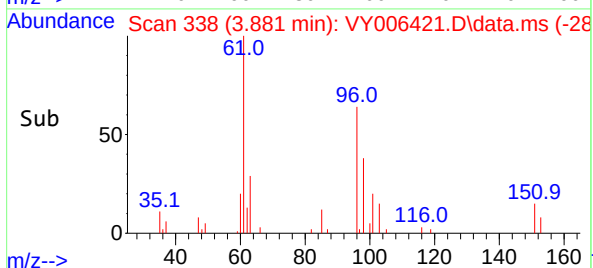
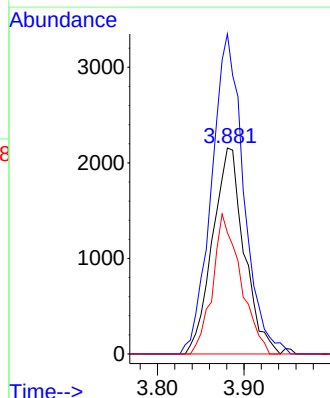
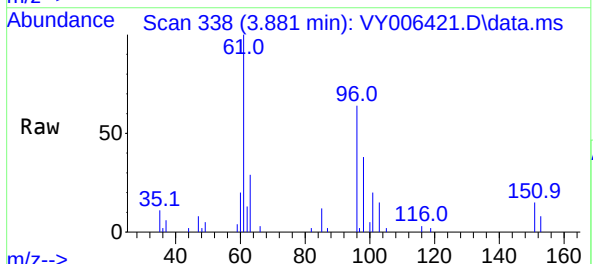
MMDadoda
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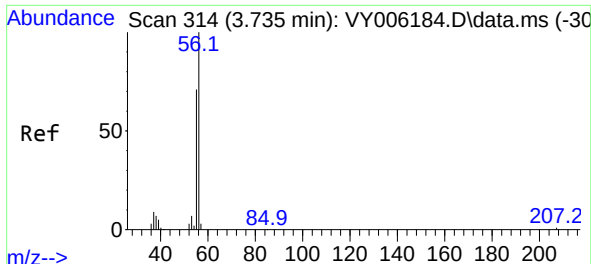


#12

1,1-Dichloroethene
Concen: 4.70 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

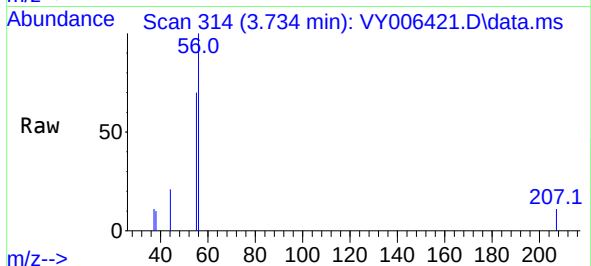
Tgt Ion: 96 Resp: 5482
Ion Ratio Lower Upper
96 100
61 155.4 145.8 218.6
98 58.9 52.5 78.7



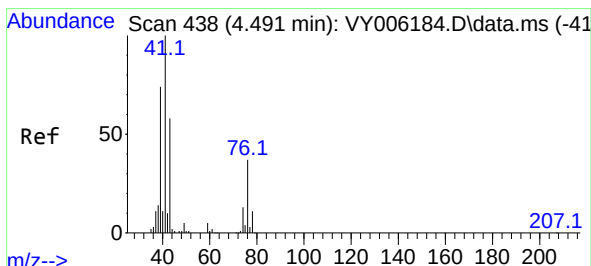
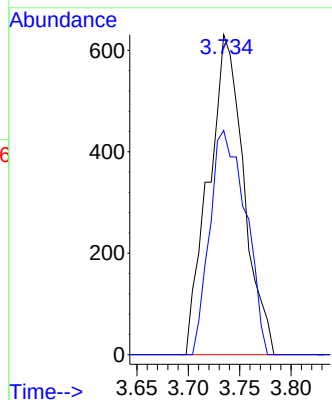
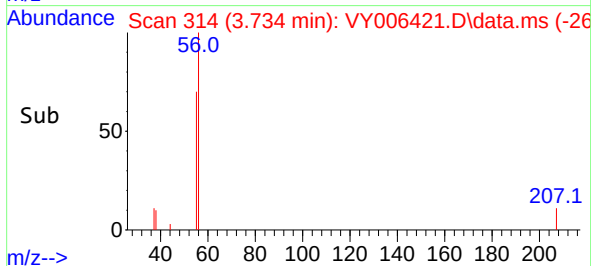


#13
Acrolein
Concen: 20.25 ug/l
RT: 3.734 min Scan# 314
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

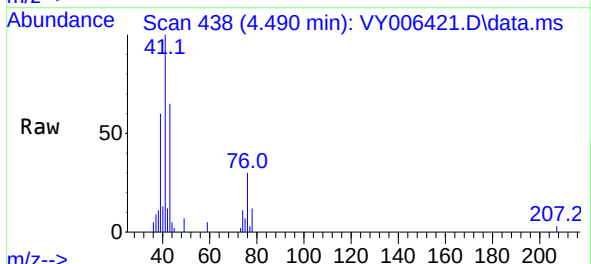
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021



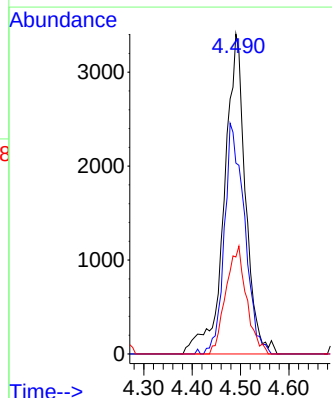
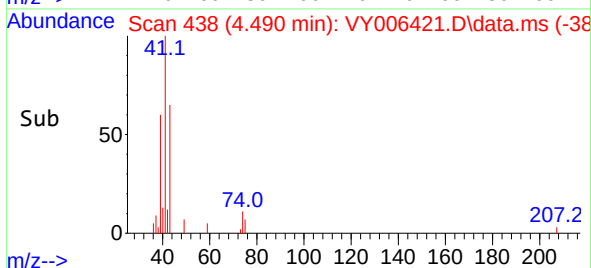
Tgt Ion: 56 Resp: 1505
Ion Ratio Lower Upper
56 100
55 71.5 57.6 86.4

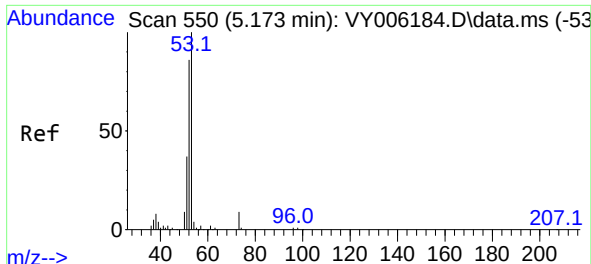


#14
Allyl chloride
Concen: 4.63 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



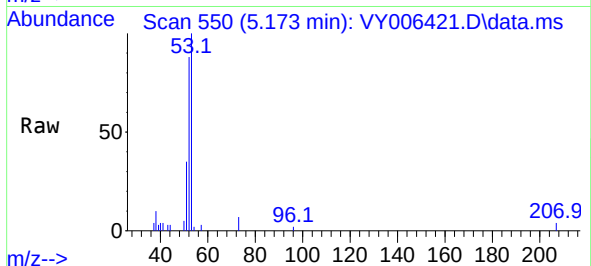
Tgt Ion: 41 Resp: 10394
Ion Ratio Lower Upper
41 100
39 68.5 58.8 88.2
76 32.9 25.1 37.7





#15
Acrylonitrile
Concen: 24.39 ug/l
RT: 5.173 min Scan# 550
Delta R.T. 0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

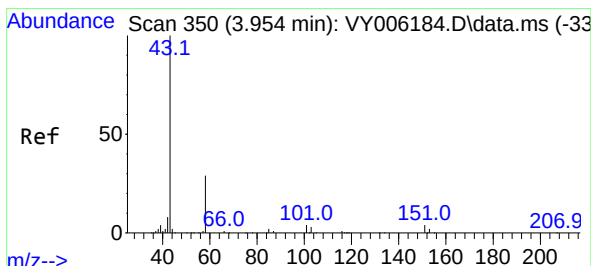
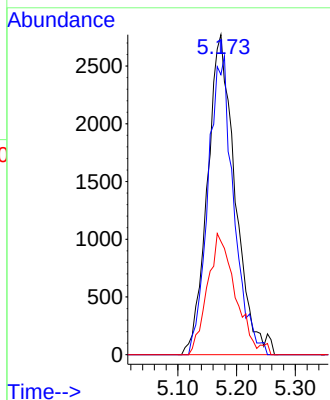
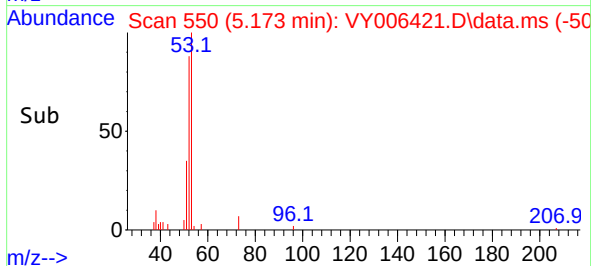
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021



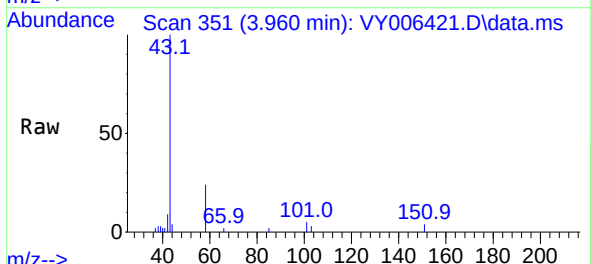
Tgt Ion: 53 Resp: 9108
Ion Ratio Lower Upper
53 100
52 86.2 67.0 100.4
51 37.2 29.8 44.6

Manual Integrations
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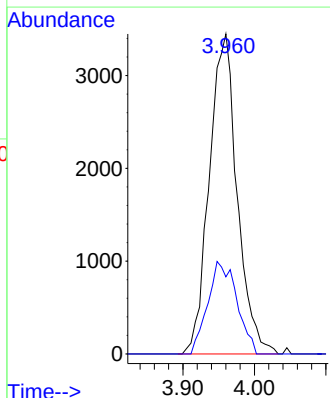
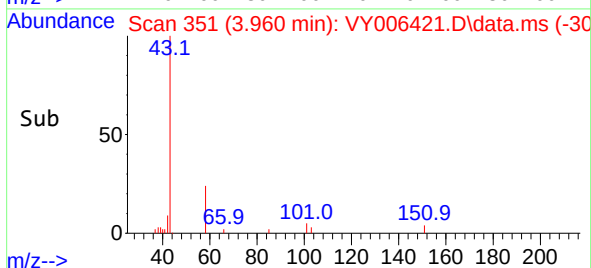
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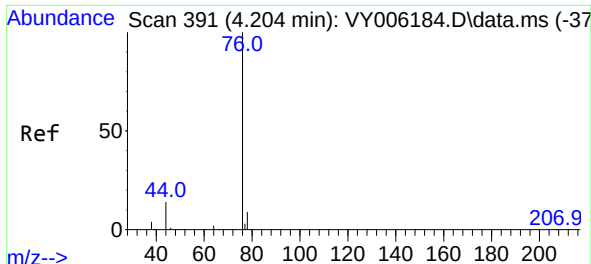


#16
Acetone
Concen: 25.07 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



Tgt Ion: 43 Resp: 9340
Ion Ratio Lower Upper
43 100
58 24.1 22.0 33.0





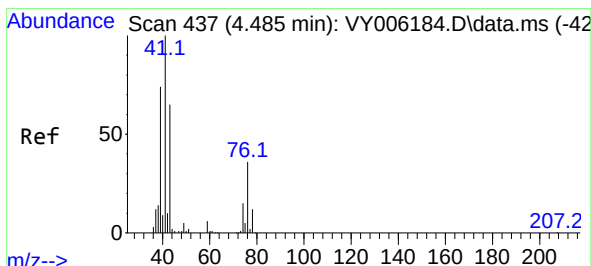
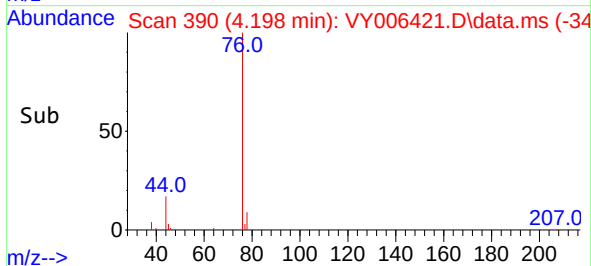
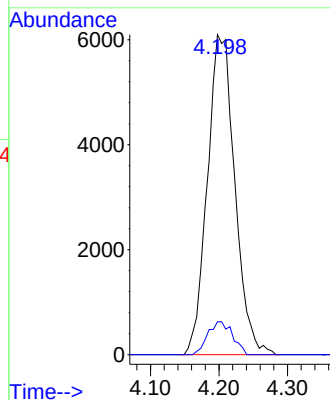
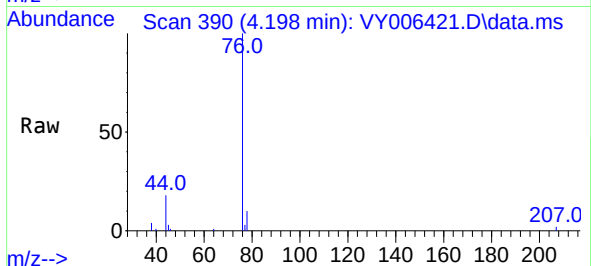
#17
Carbon Disulfide
Concen: 4.35 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 76 Resp: 16997
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

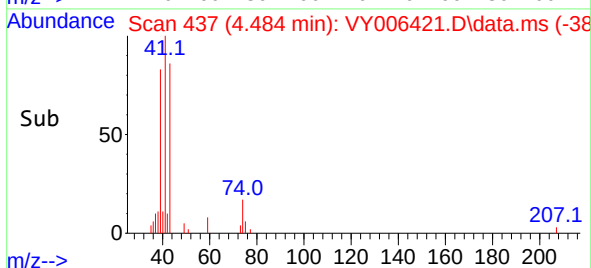
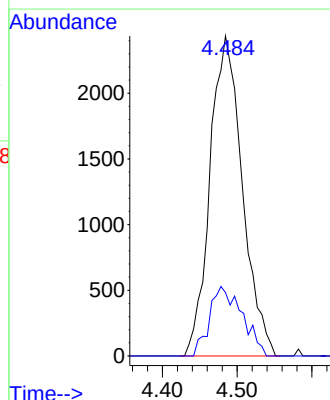
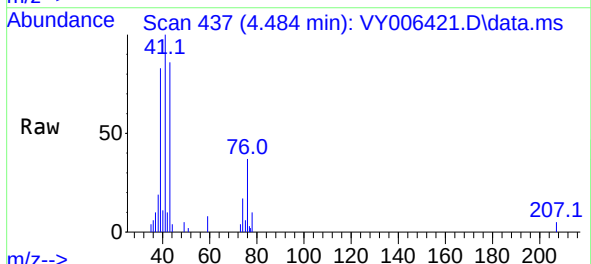
Manual Integrations
APPROVED

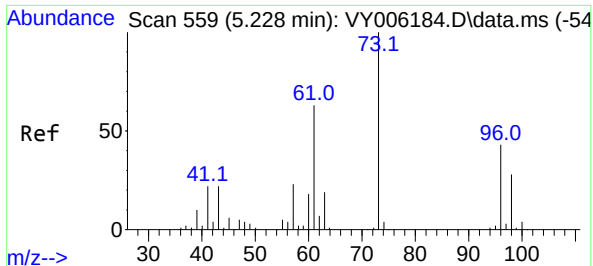
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#18
Methyl Acetate
Concen: 5.84 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 7338
Ion Ratio Lower Upper
43 100
74 21.9 16.6 24.8





#19

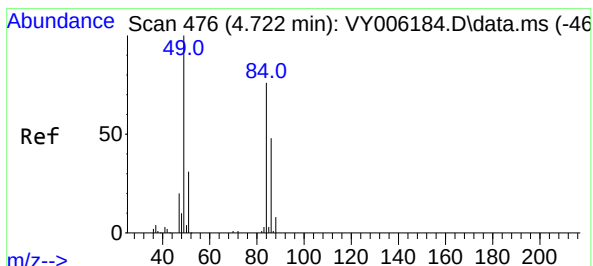
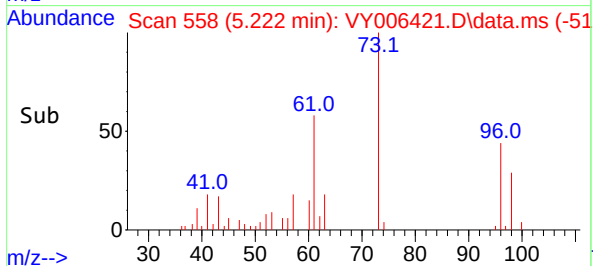
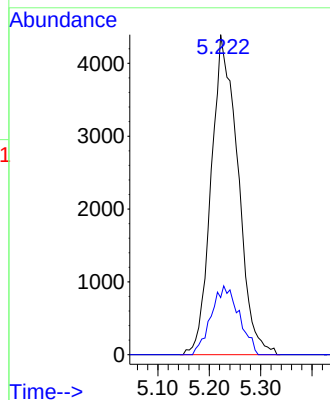
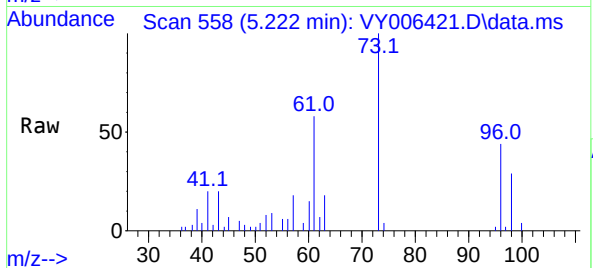
Methyl tert-butyl Ether
Concen: 4.64 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 73 Resp: 15832
Ion Ratio Lower Upper
73 100
57 17.9 18.6 27.8#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

Manual Integrations
APPROVED

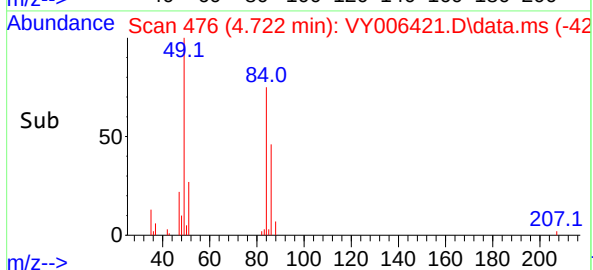
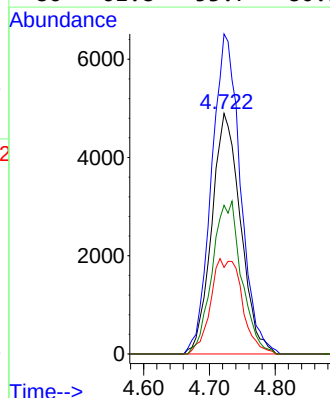
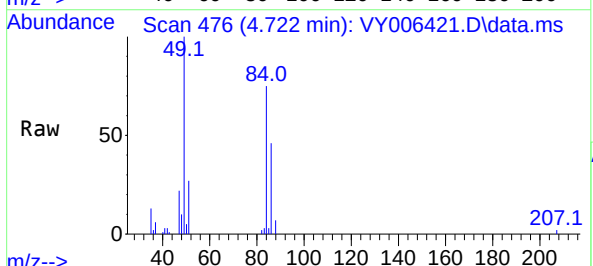
MMDadoda
10/20/2021 5:49:18 PM

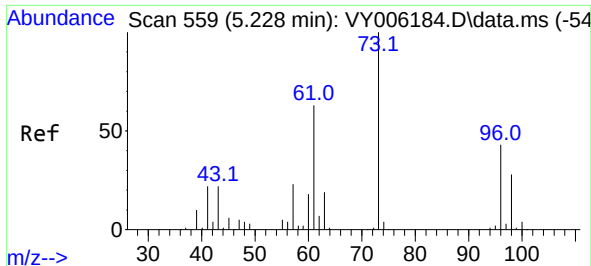


#20

Methylene Chloride
Concen: 10.31 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 84 Resp: 14949
Ion Ratio Lower Upper
84 100
49 133.0 114.4 171.6
51 36.0 35.3 52.9
86 61.8 53.7 80.5





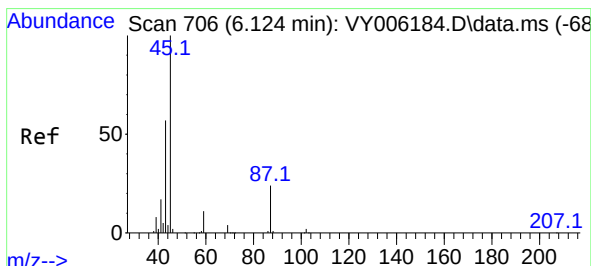
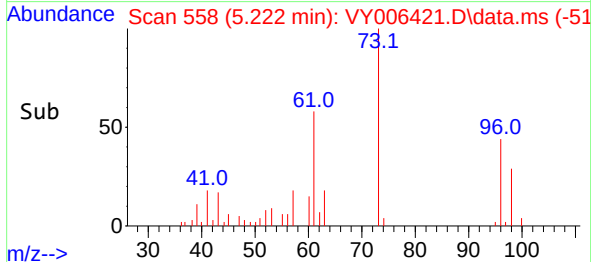
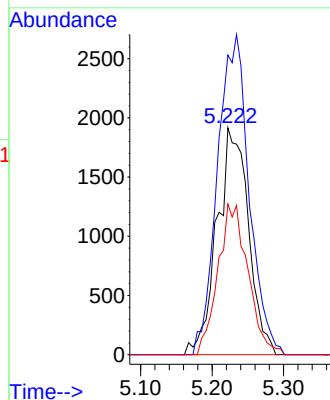
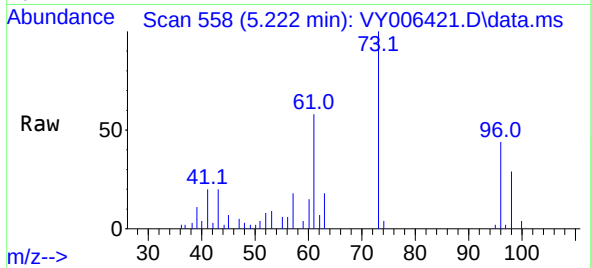
#21
trans-1,2-Dichloroethene
Concen: 4.51 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 96 Resp: 5840
Ion Ratio Lower Upper
96 100
61 132.0 120.5 180.7
98 66.4 49.8 74.8

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

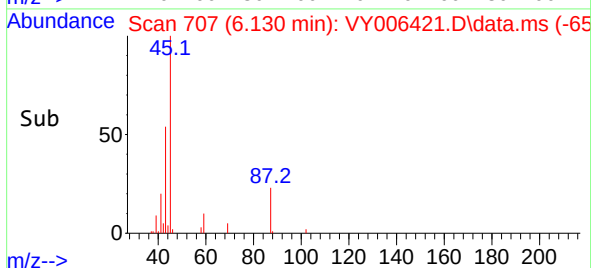
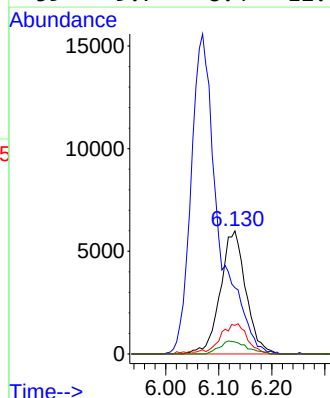
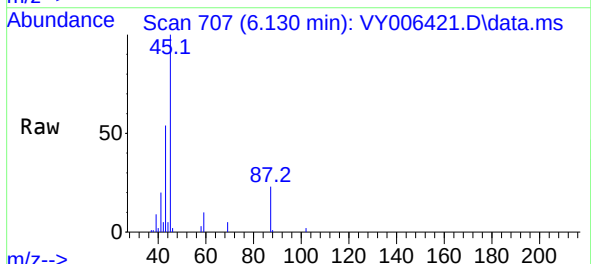
Manual Integrations
APPROVED

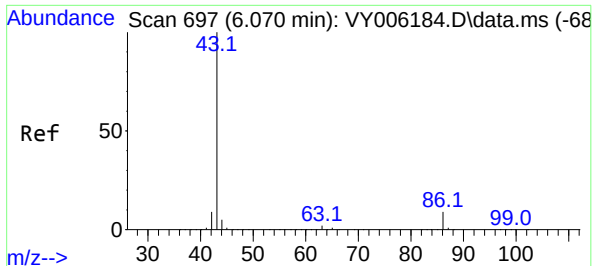
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#22
Diisopropyl ether
Concen: 4.48 ug/l
RT: 6.130 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 45 Resp: 19896
Ion Ratio Lower Upper
45 100
43 53.9 49.3 73.9
87 23.2 19.2 28.8
59 9.7 8.4 12.6





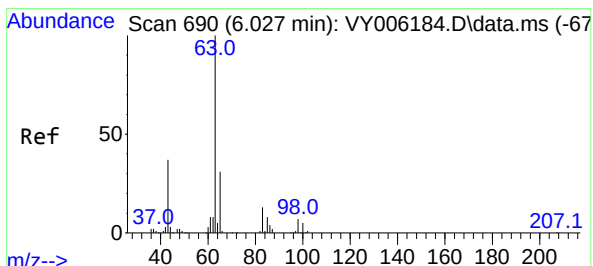
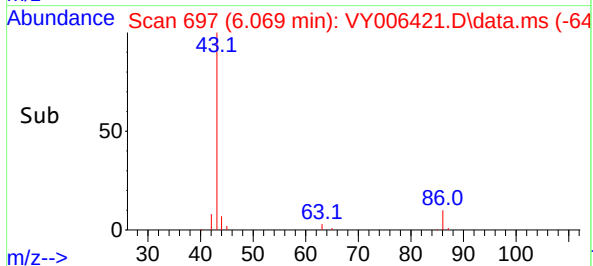
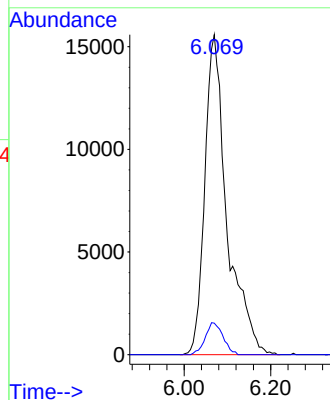
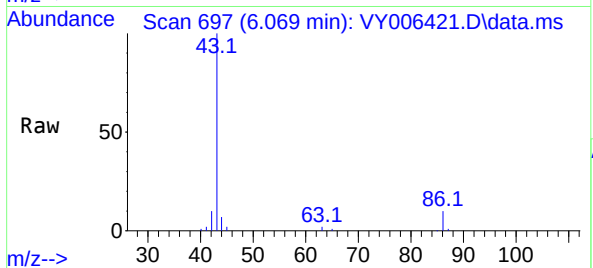
#23
 Vinyl Acetate
 Concen: 20.86 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY006421.D
 Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 55523
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.1 10.7

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

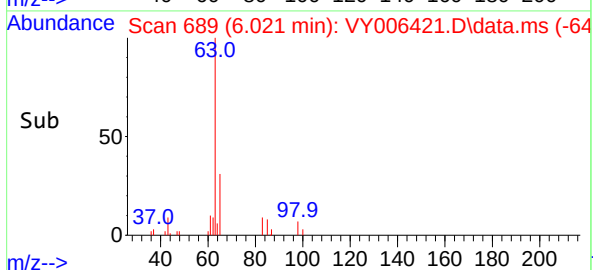
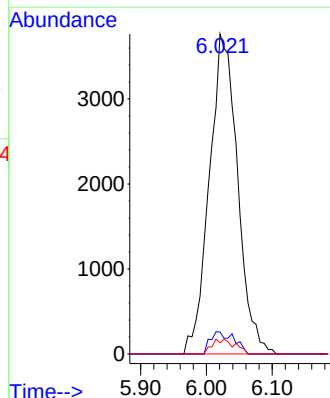
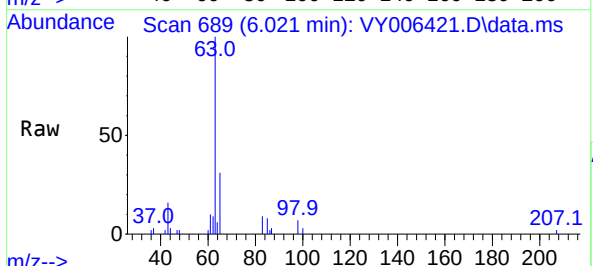
Manual Integrations
 APPROVED

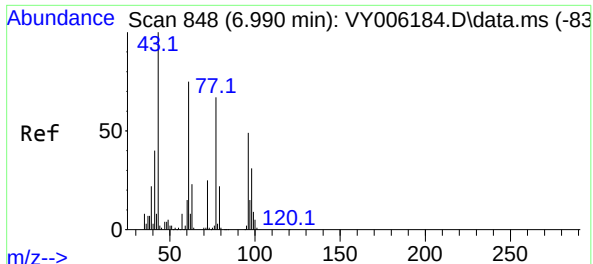
MMDadoda
 10/20/2021 5:49:18 PM



#24
 1,1-Dichloroethane
 Concen: 4.72 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY006421.D
 Acq: 19 Oct 2021 12:22

Tgt Ion: 63 Resp: 11251
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 3.5 2.0 5.8





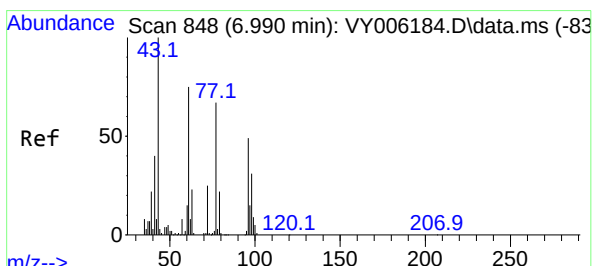
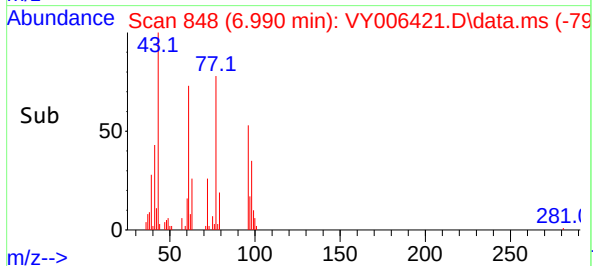
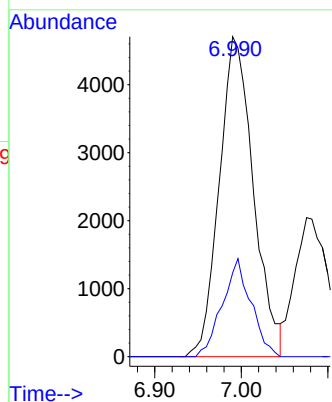
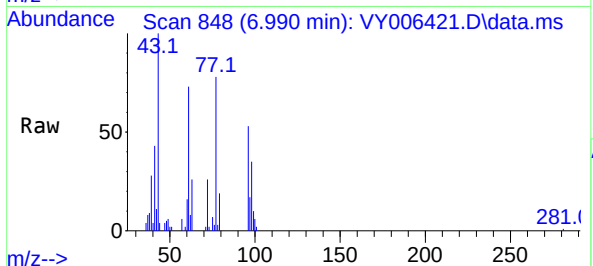
#25
2-Butanone
Concen: 24.83 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 12887
Ion Ratio Lower Upper
43 100
72 26.2 17.7 26.5

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

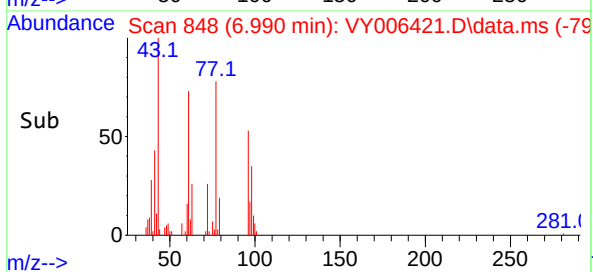
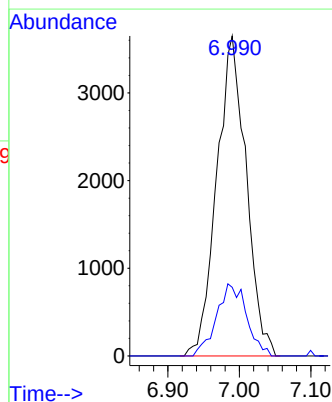
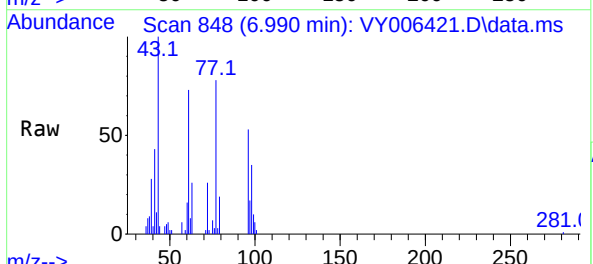
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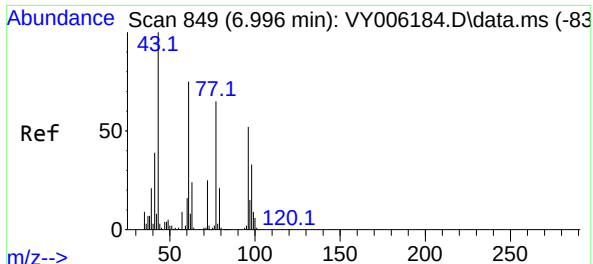
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#26
2,2-Dichloropropane
Concen: 4.78 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 77 Resp: 10423
Ion Ratio Lower Upper
77 100
97 23.0 10.4 31.4





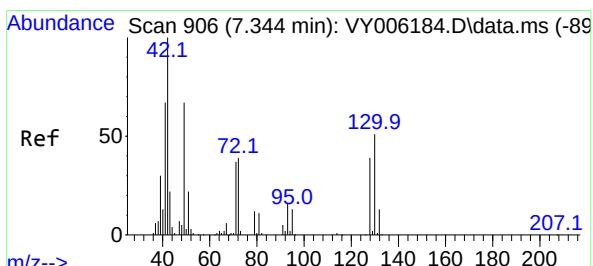
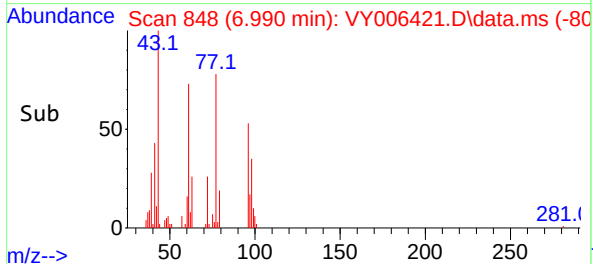
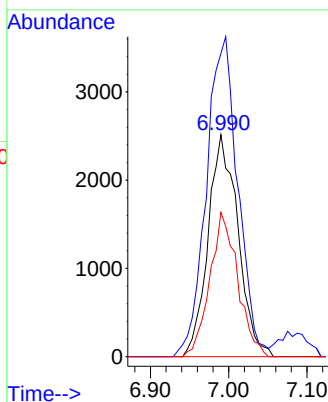
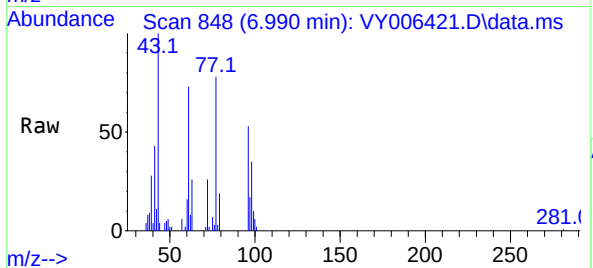
#27
cis-1,2-Dichloroethene
Concen: 4.59 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	96	Resp:	6651
Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	319.8
98	60.8	0.0	127.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

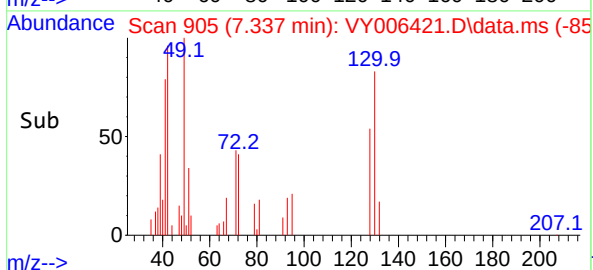
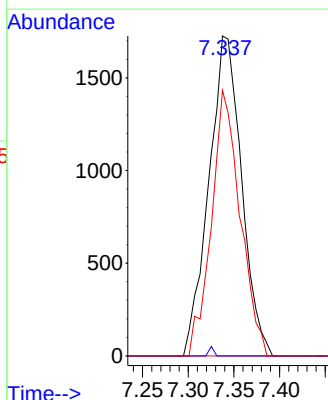
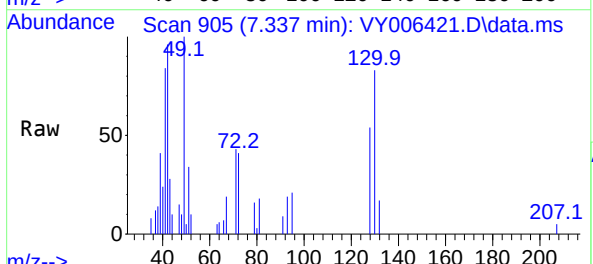
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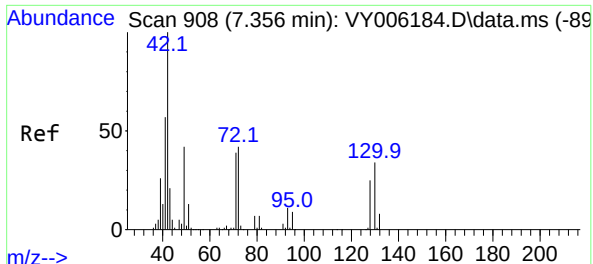
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#28
Bromochloromethane
Concen: 4.33 ug/l
RT: 7.337 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	49	Resp:	4298
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	2.2
130	72.6	55.4	83.0





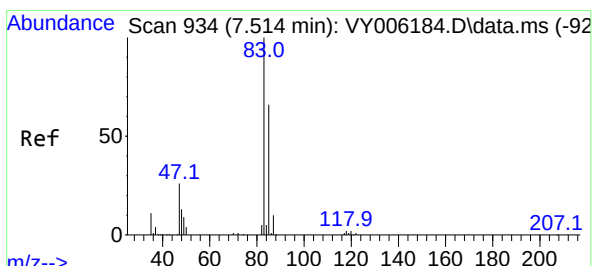
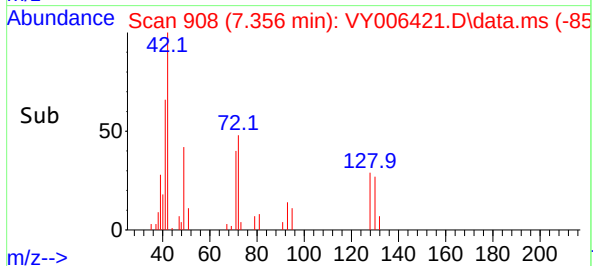
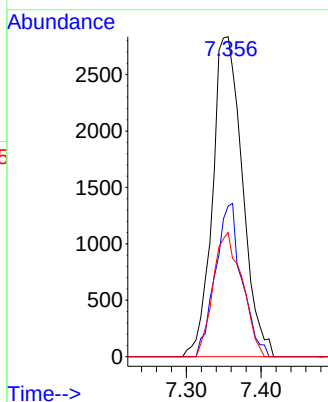
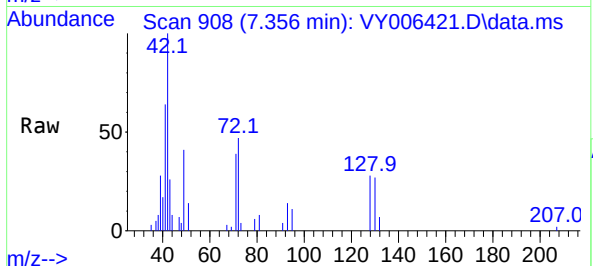
#29
Tetrahydrofuran
Concen: 24.08 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	42	Resp:	7896
Ion	Ratio	Lower	Upper
42	100		
72	42.6	30.3	45.5
71	37.8	29.0	43.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

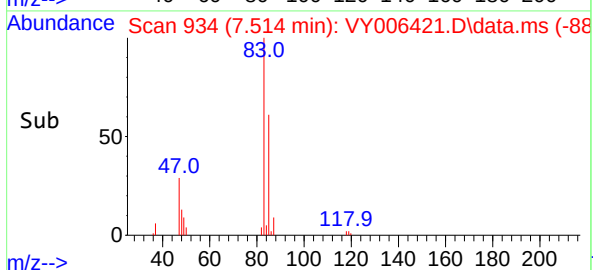
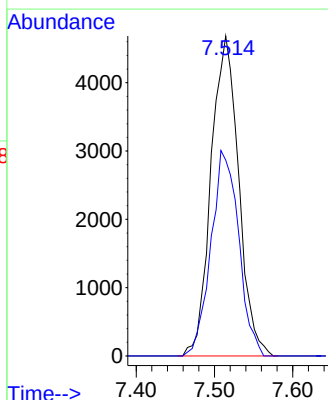
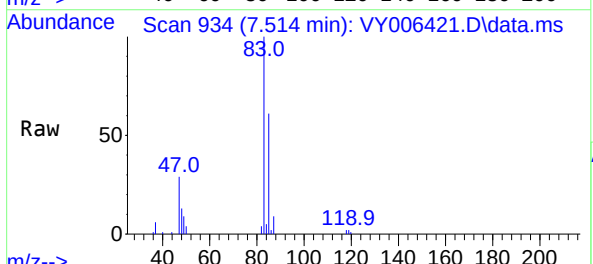
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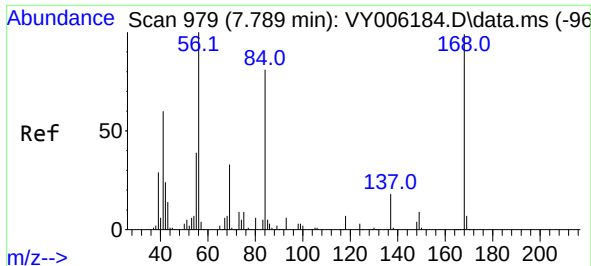
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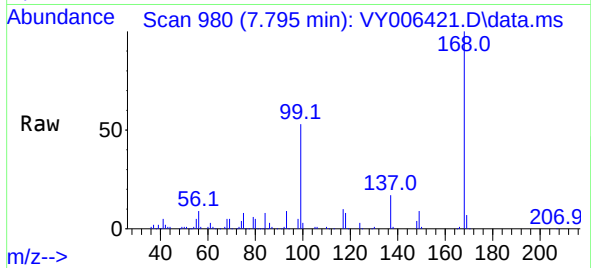
#30
Chloroform
Concen: 4.82 ug/l
RT: 7.514 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	83	Resp:	11464
Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.6

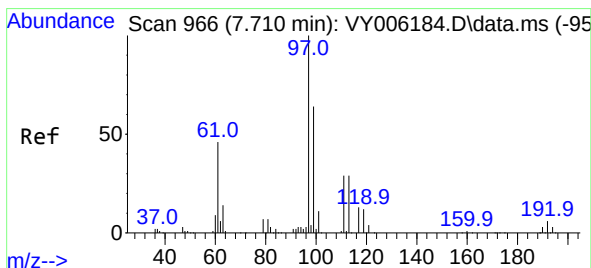
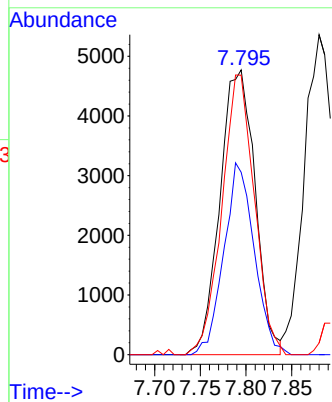
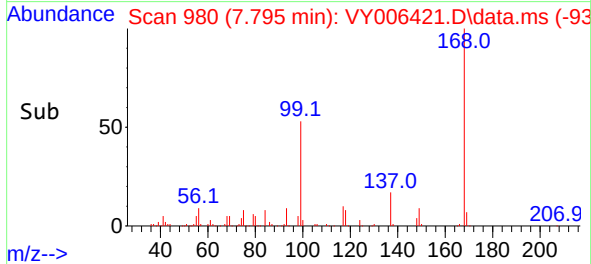




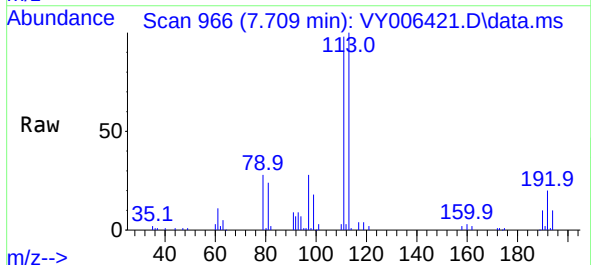
#31
Cyclohexane
Concen: 5.05 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



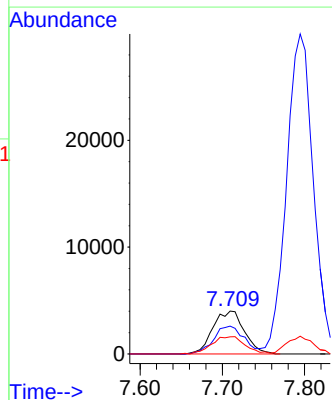
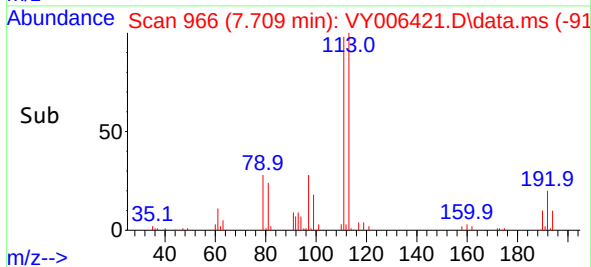
Tgt Ion: 56 Resp: 12760
Ion Ratio Lower Upper
56 100
69 64.1 26.7 40.1#
84 98.2 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 4.87 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



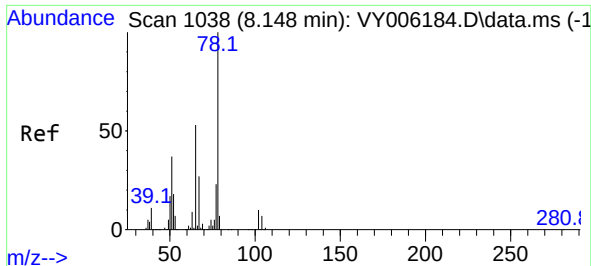
Tgt Ion: 97 Resp: 10692
Ion Ratio Lower Upper
97 100
99 61.6 50.7 76.1
61 42.9 37.6 56.4



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

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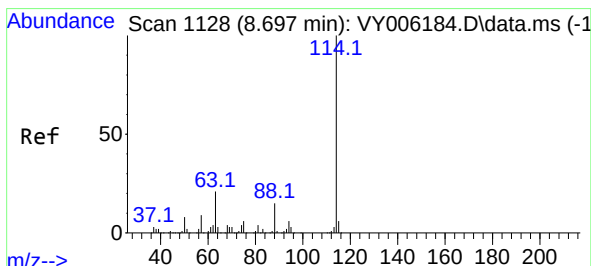
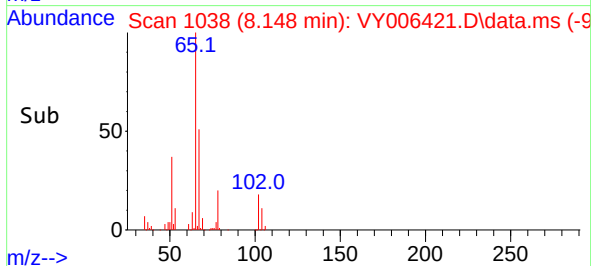
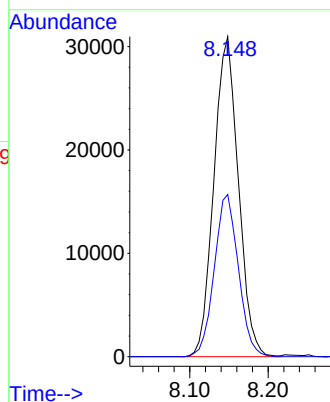
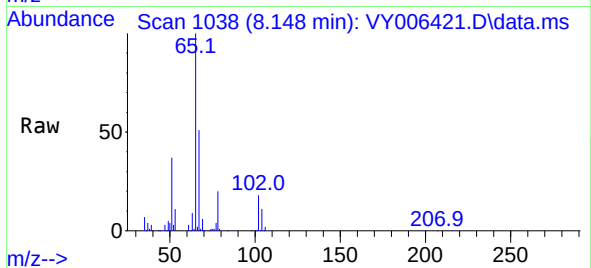
#33
1,2-Dichloroethane-d4
Concen: 50.44 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 65 Resp: 67291
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

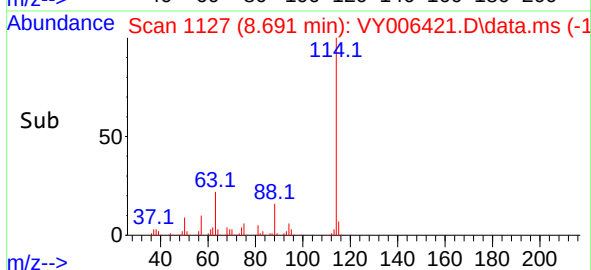
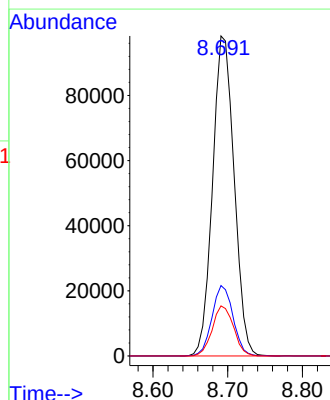
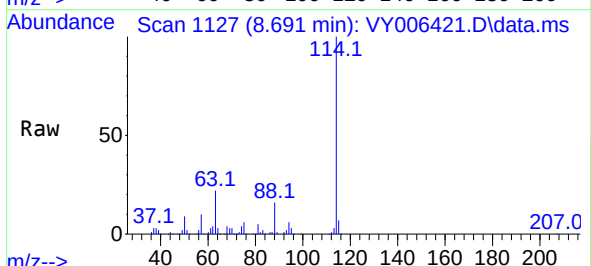
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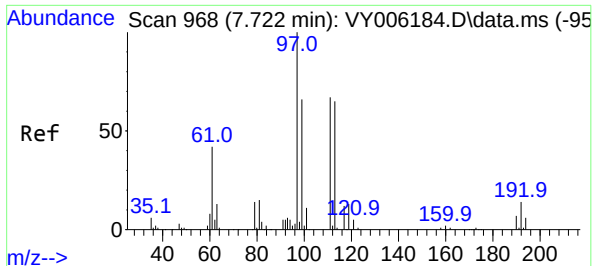
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 114 Resp: 196635
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 15.7 0.0 31.8





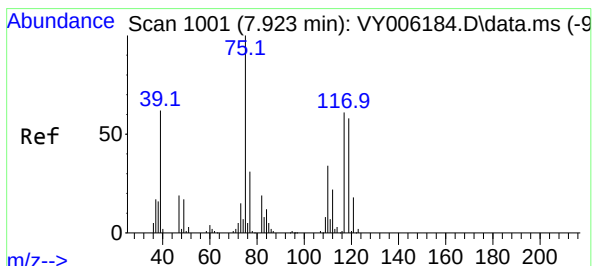
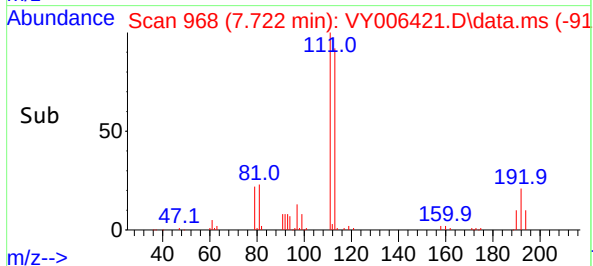
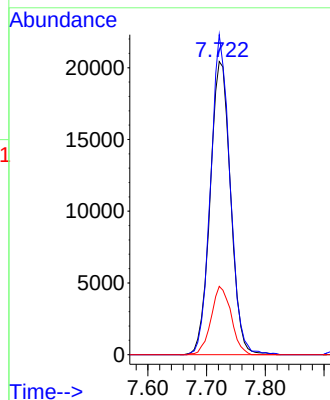
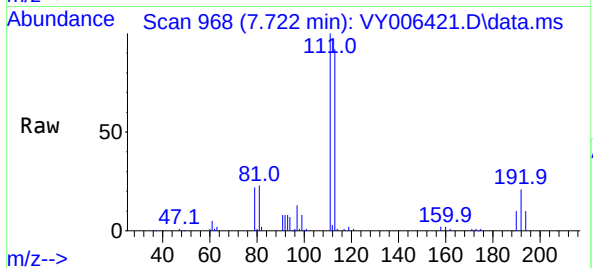
#35
Dibromofluoromethane
Concen: 47.13 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	113	Resp:	49517
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	22.8	17.6	26.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

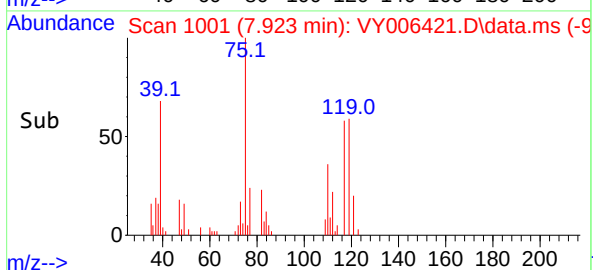
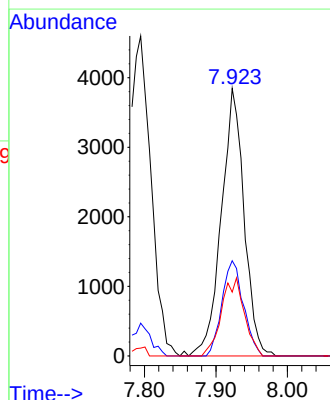
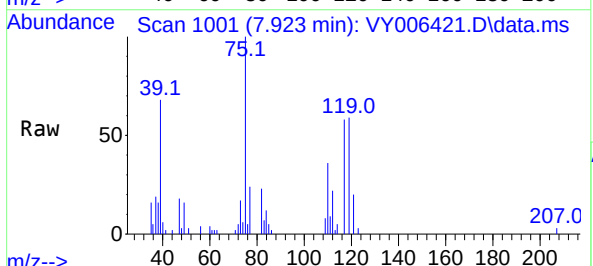
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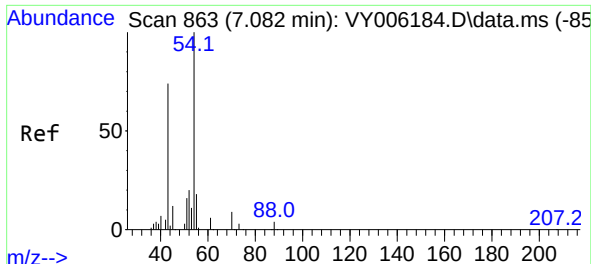
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#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	75	Resp:	8526
Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.1	51.2
77	29.4	24.4	36.6





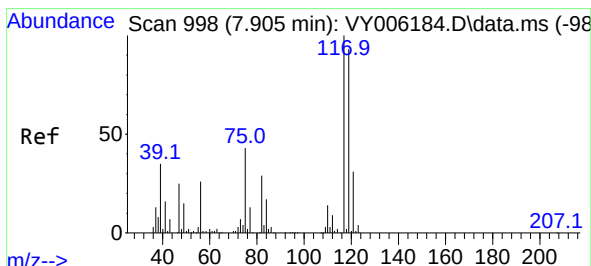
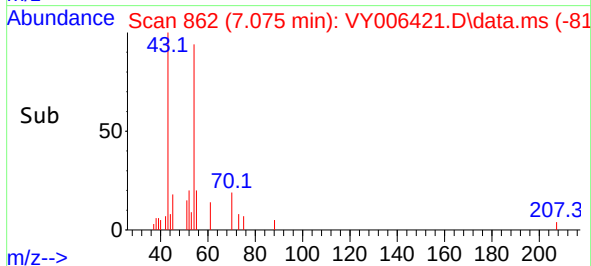
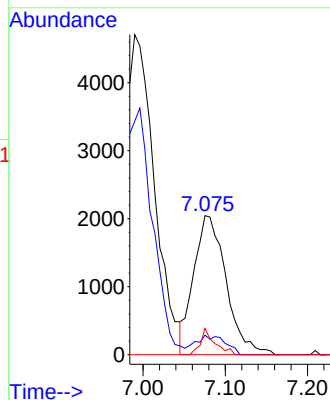
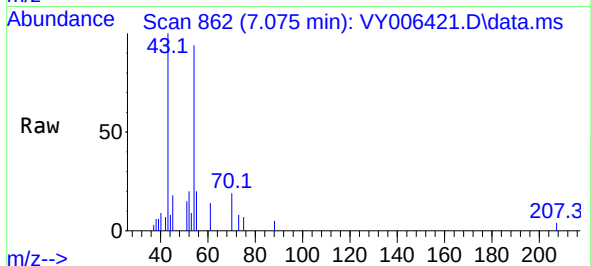
#37
Ethyl Acetate
Concen: 4.91 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	43	Resp:	5597
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.7	14.5
70	8.3	7.1	10.7

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

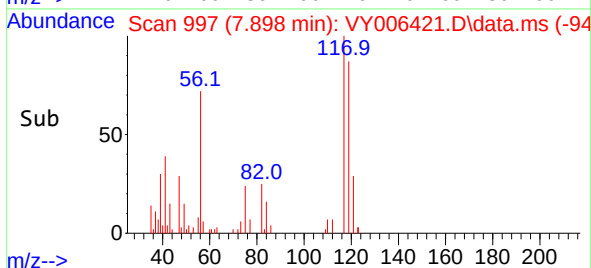
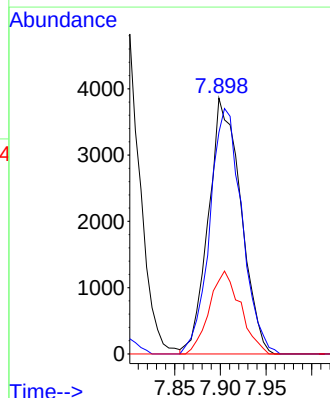
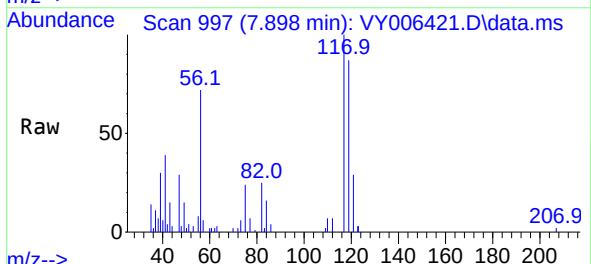
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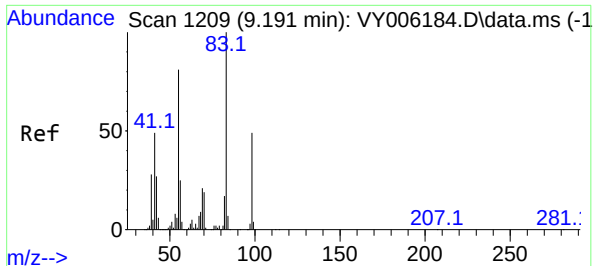
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#38
Carbon Tetrachloride
Concen: 4.61 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	117	Resp:	9516
Ion	Ratio	Lower	Upper
117	100		
119	86.6	77.9	116.9
121	28.7	24.8	37.2





#39

Methylcyclohexane

Concen: 4.03 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion:	83	Resp:	9908
Ion	Ratio	Lower	Upper
83	100		
55	76.7	66.5	99.7
98	51.9	37.9	56.9

Instrument :

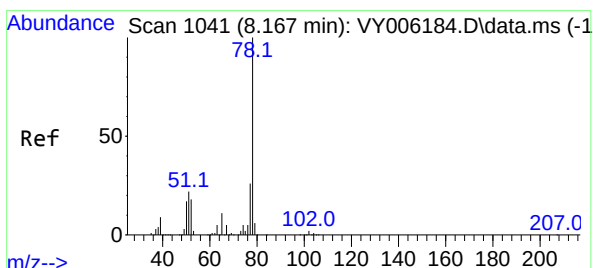
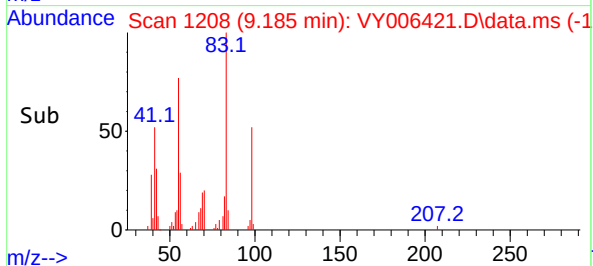
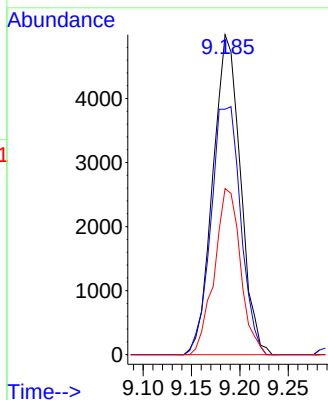
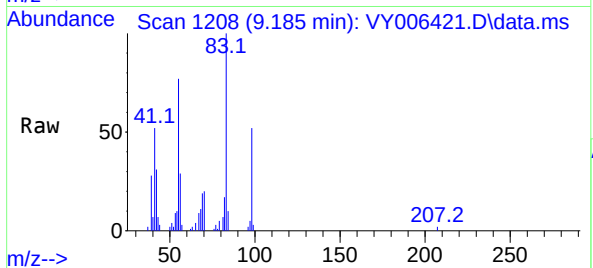
MSVOA_Y

ClientSampleId :

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#40

Benzene

Concen: 4.49 ug/l

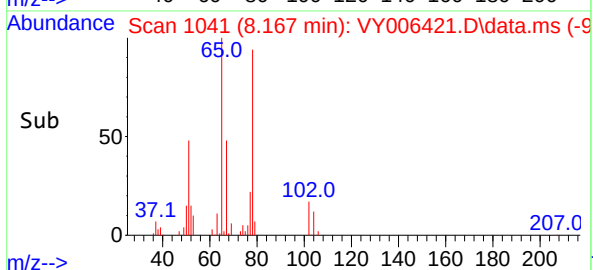
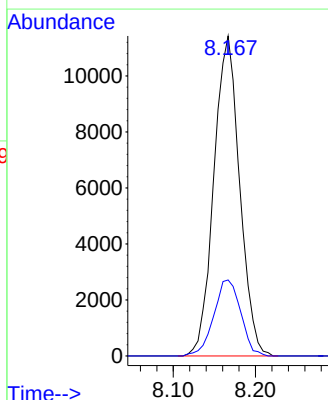
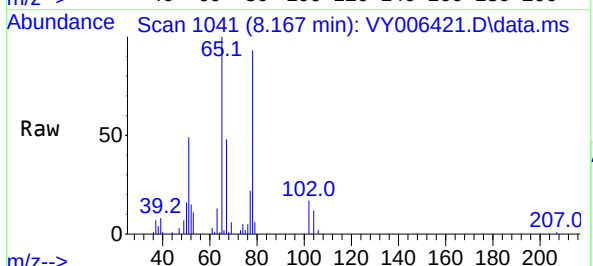
RT: 8.167 min Scan# 1041

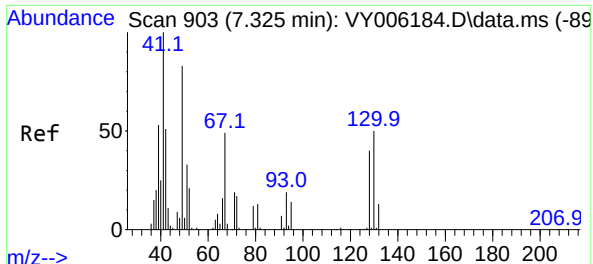
Delta R.T. -0.000 min

Lab File: VY006421.D

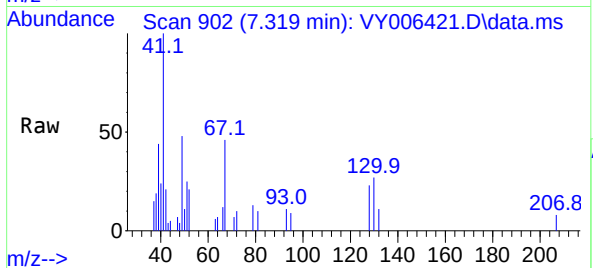
Acq: 19 Oct 2021 12:22

Tgt Ion:	78	Resp:	24905
Ion	Ratio	Lower	Upper
78	100		
77	23.7	20.4	30.6

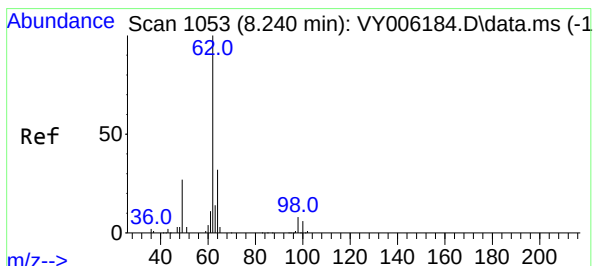
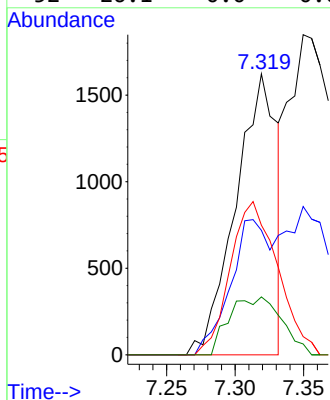
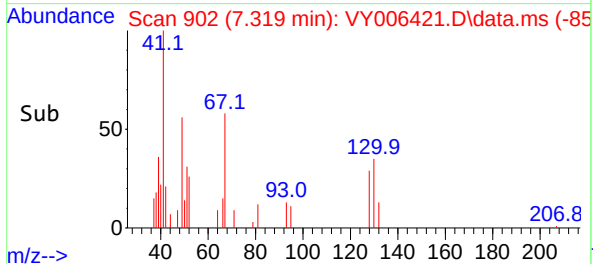




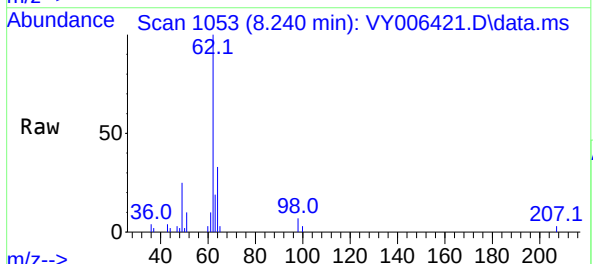
#41
Methacrylonitrile
Concen: 4.60 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



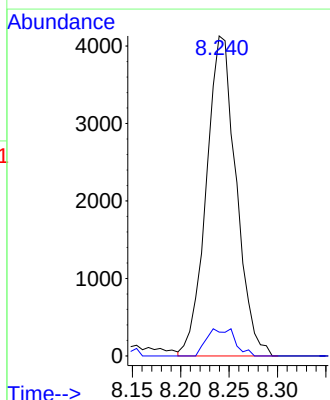
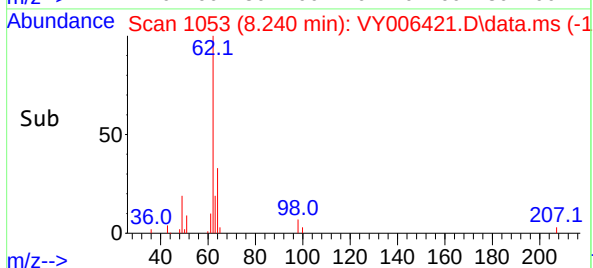
Tgt Ion: 41 Resp: 3399
Ion Ratio Lower Upper
41 100
39 44.8 92.9 139.3#
67 62.7 0.0 0.0#
52 26.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 4.96 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



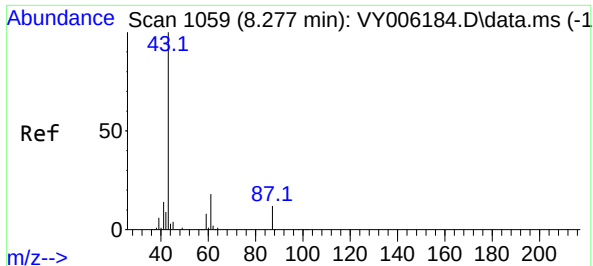
Tgt Ion: 62 Resp: 8865
Ion Ratio Lower Upper
62 100
98 8.0 0.0 14.8



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

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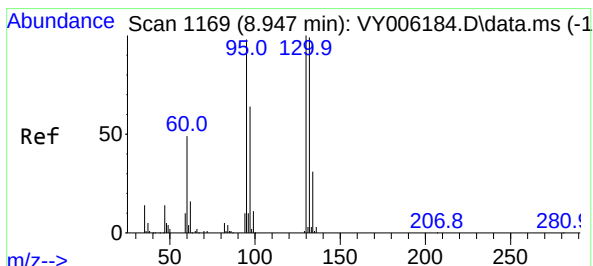
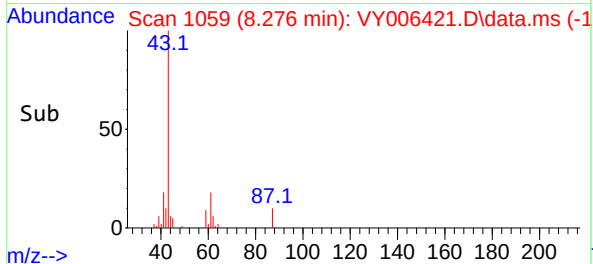
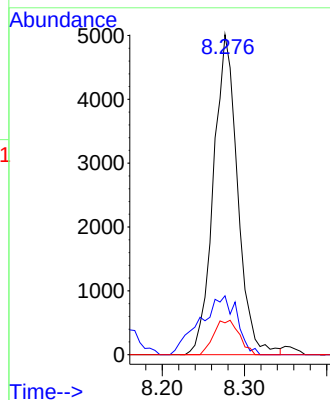
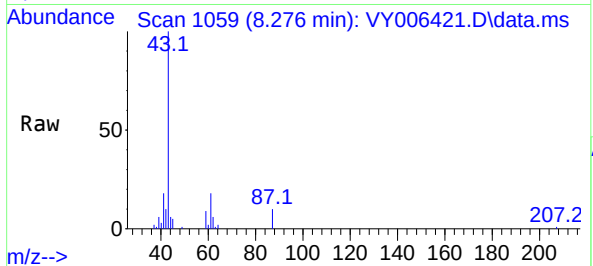
#43
Isopropyl Acetate
Concen: 4.68 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	43	Resp:	10239
Ion	Ratio	Lower	Upper
43	100		
61	28.3	20.2	30.2
87	11.3	8.9	13.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

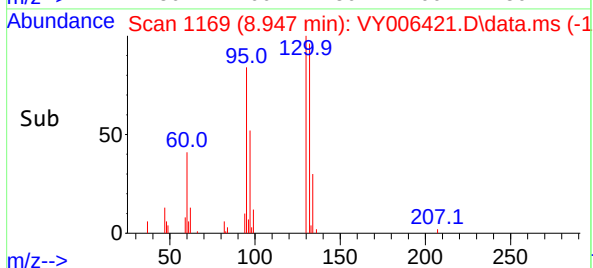
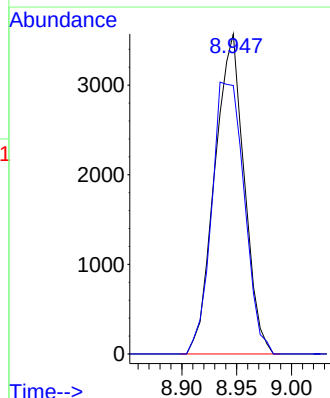
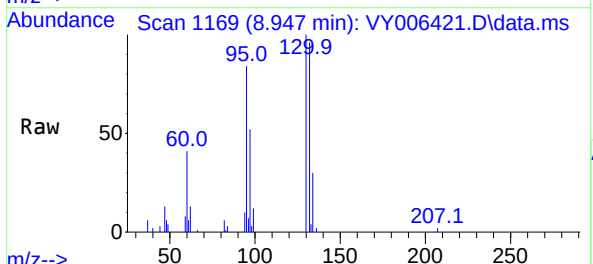
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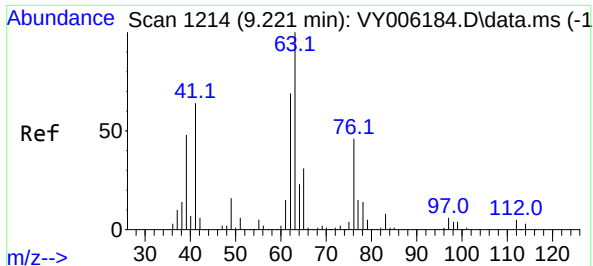
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#44
Trichloroethene
Concen: 4.67 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	130	Resp:	6692
Ion	Ratio	Lower	Upper
130	100		
95	83.9	0.0	188.2





#45

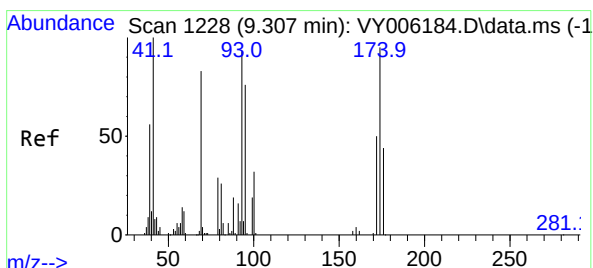
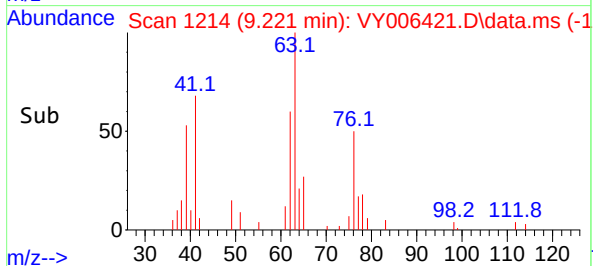
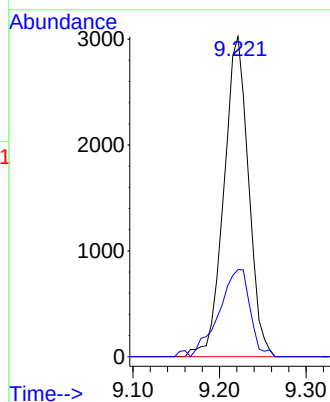
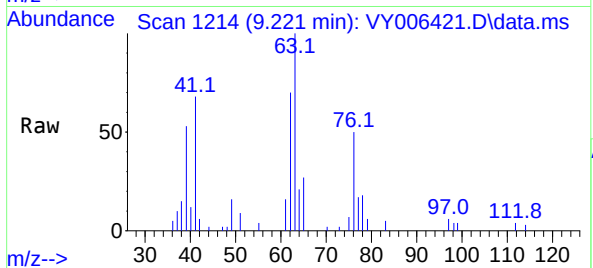
1,2-Dichloropropane
Concen: 4.37 ug/l
RT: 9.221 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 63 Resp: 5974
Ion Ratio Lower Upper
63 100
65 27.2 23.0 34.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

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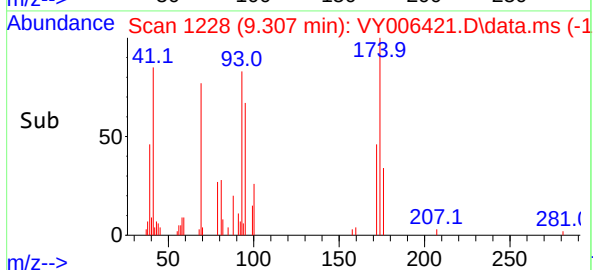
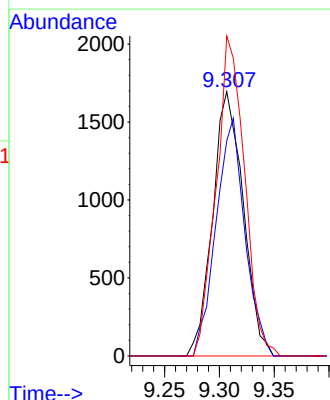
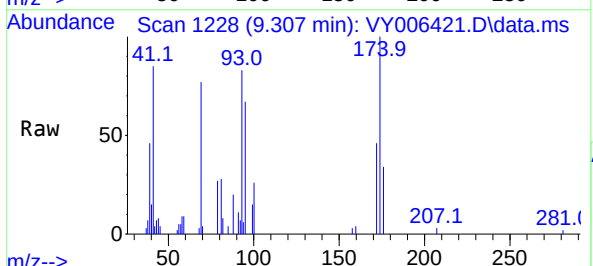
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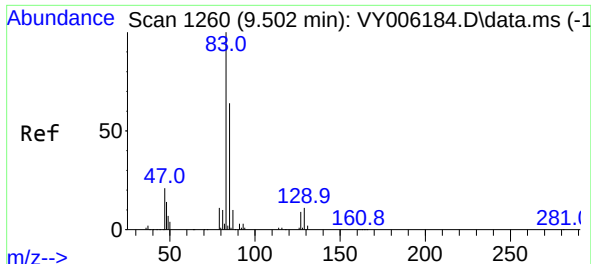


#46

Dibromomethane
Concen: 4.52 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 93 Resp: 3287
Ion Ratio Lower Upper
93 100
95 84.9 64.3 96.5
174 112.7 83.4 125.0





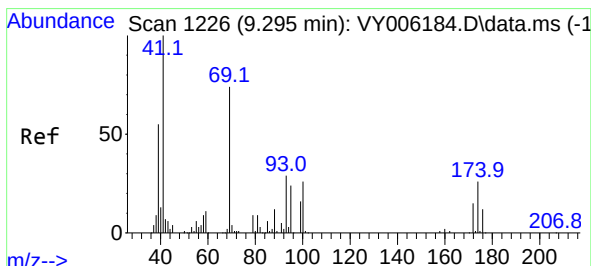
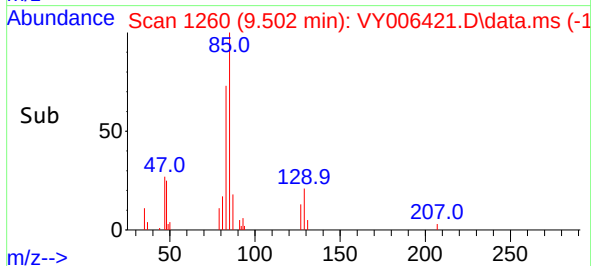
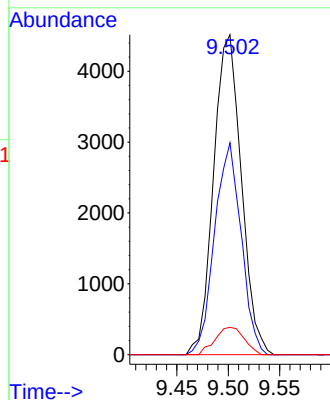
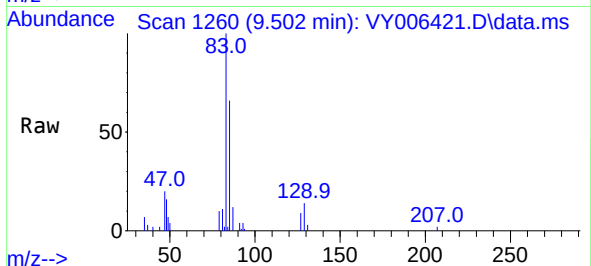
#47
Bromodichloromethane
Concen: 4.52 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	83	Resp:	8471
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.9	77.9
127	8.5	6.6	10.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

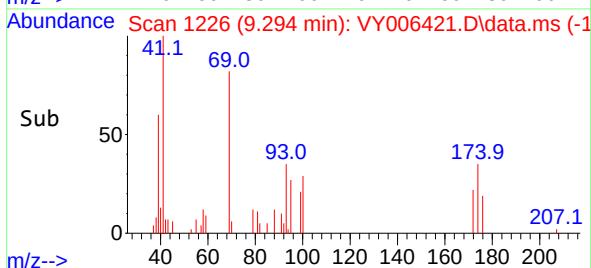
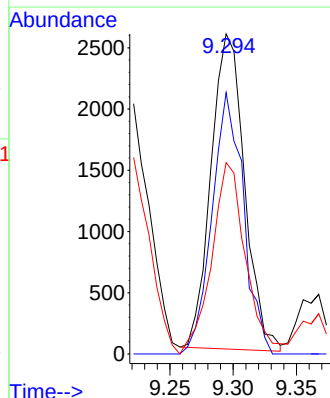
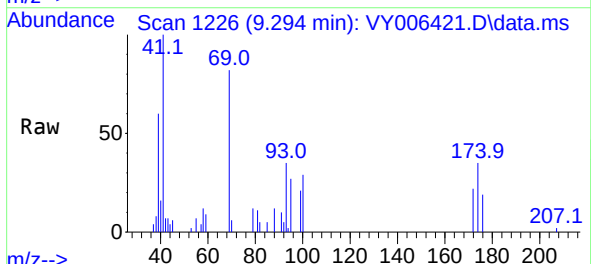
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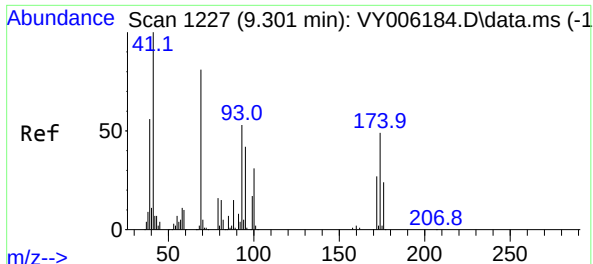
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#48
Methyl methacrylate
Concen: 4.52 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	41	Resp:	4744
Ion	Ratio	Lower	Upper
41	100		
69	77.6	58.2	87.2
39	61.6	47.4	71.0





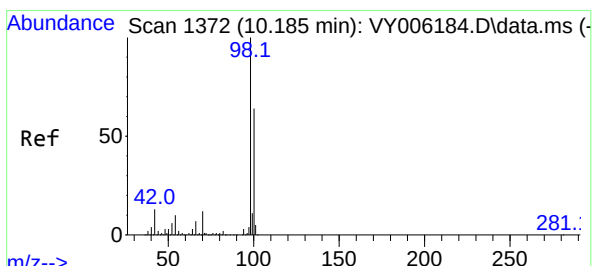
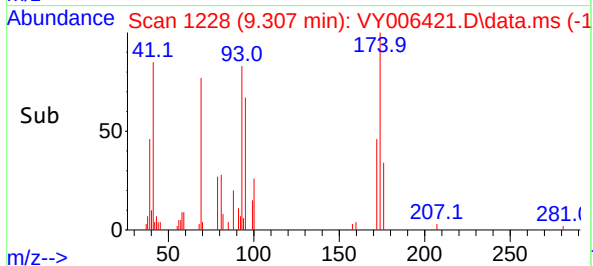
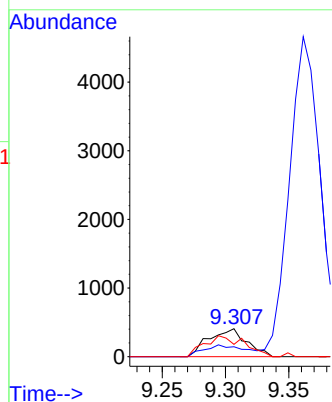
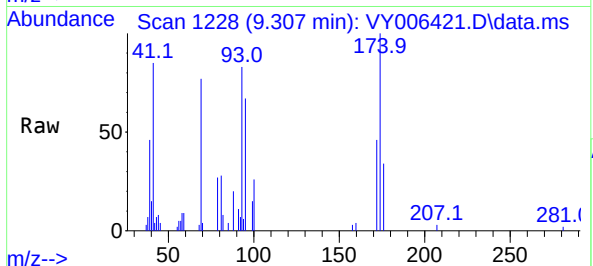
#49
1,4-Dioxane
Concen: 89.12 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	88	Resp:	846
Ion	Ratio	Lower	Upper
88	100		
43	45.3	32.8	49.2
58	78.7	59.8	89.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

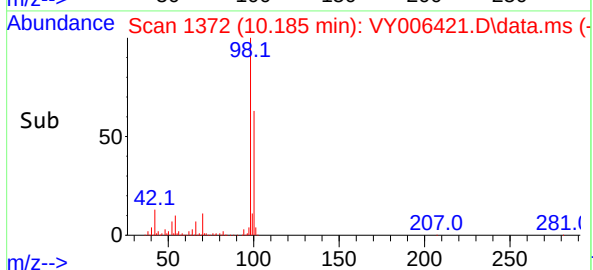
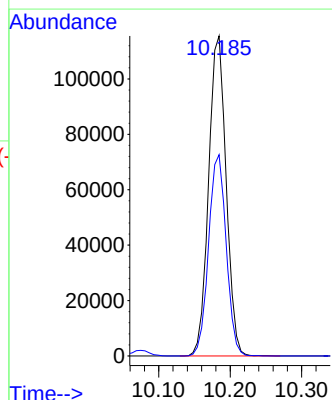
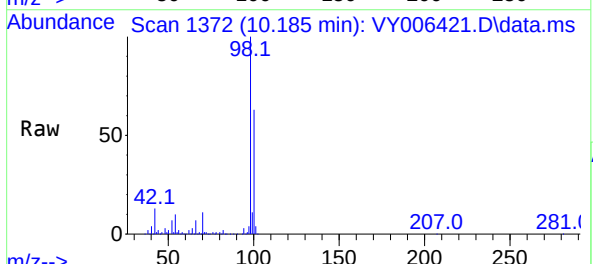
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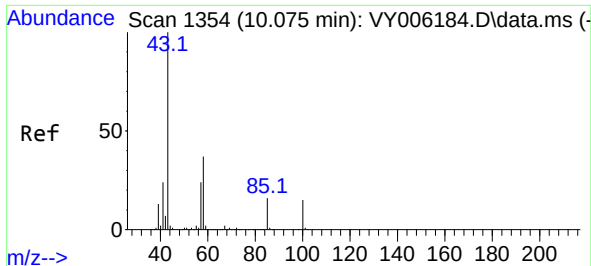
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#50
Toluene-d8
Concen: 44.68 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	98	Resp:	196427
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.2	75.2





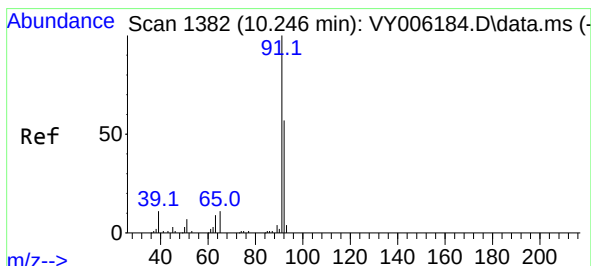
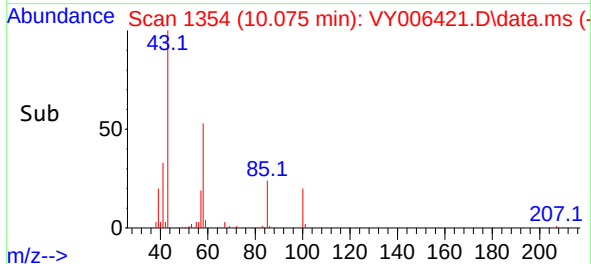
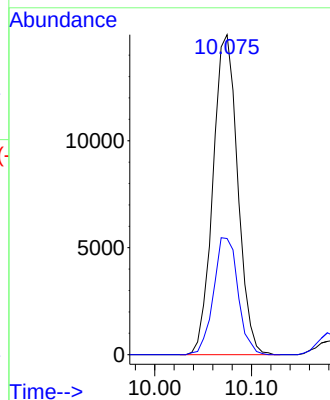
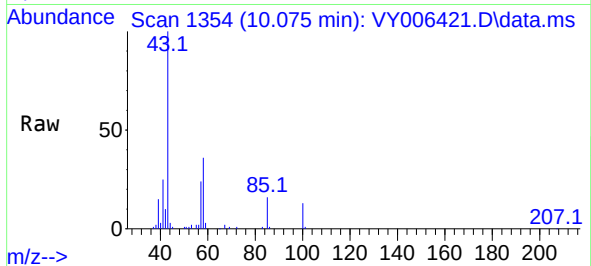
#51
4-Methyl-2-Pentanone
Concen: 23.36 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 26518
Ion Ratio Lower Upper
43 100
58 36.2 28.1 42.1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

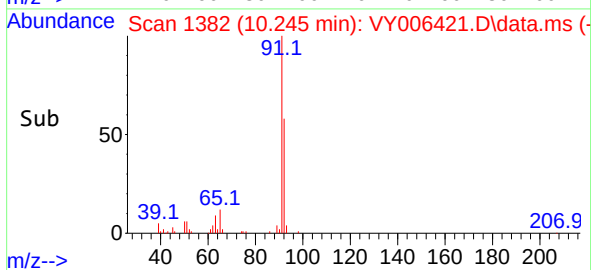
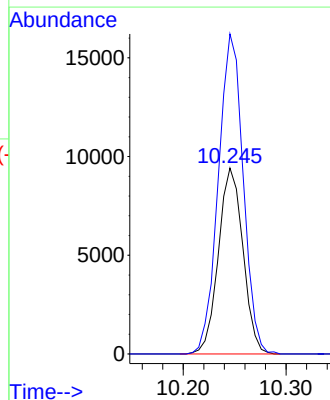
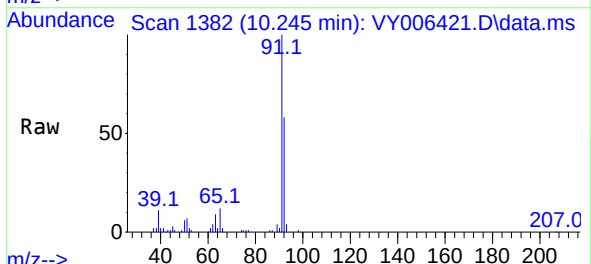
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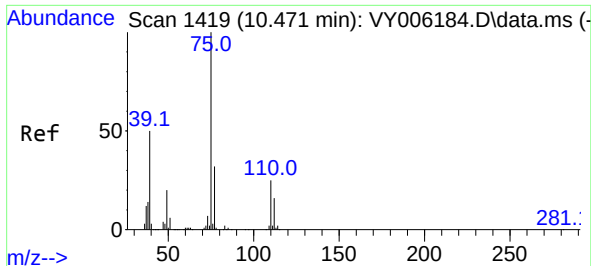
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#52
Toluene
Concen: 4.53 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 92 Resp: 15607
Ion Ratio Lower Upper
92 100
91 174.4 142.6 213.8





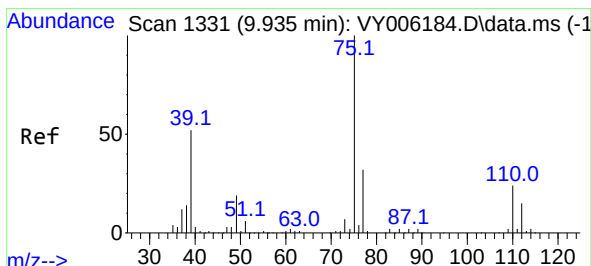
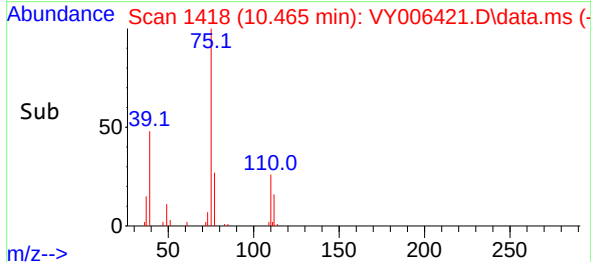
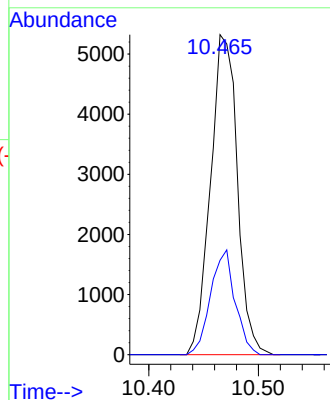
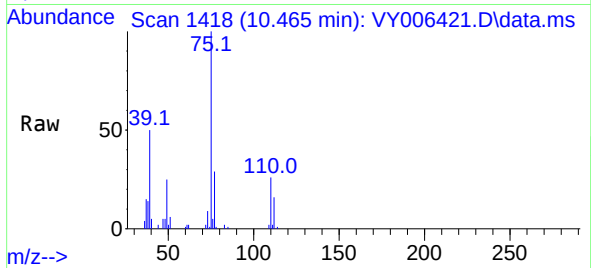
#53
t-1,3-Dichloropropene
Concen: 4.42 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 75 Resp: 9036
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

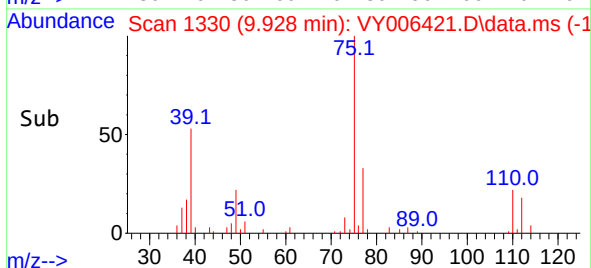
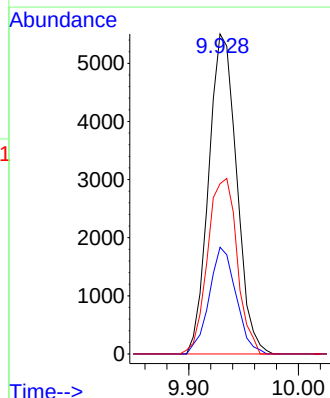
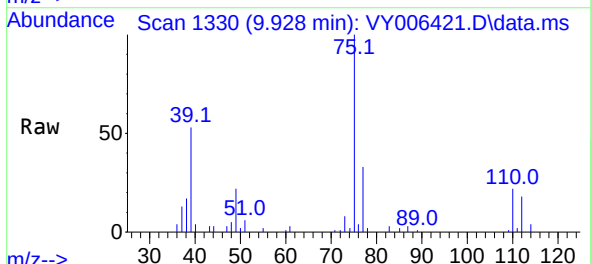
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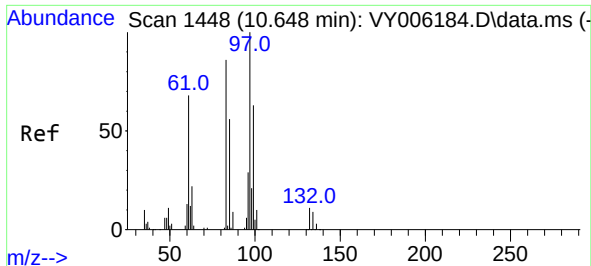
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#54
cis-1,3-Dichloropropene
Concen: 4.34 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 75 Resp: 9752
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
39 53.2 47.6 71.4





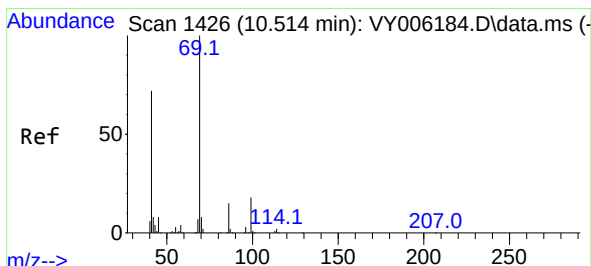
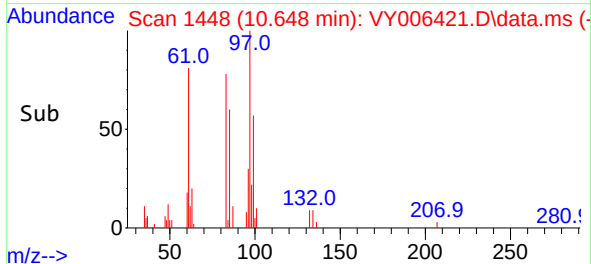
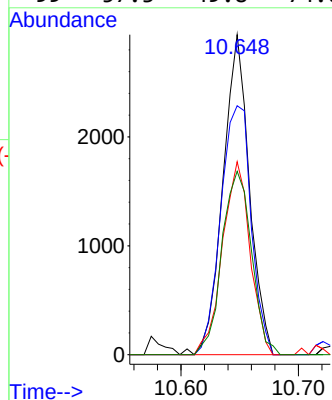
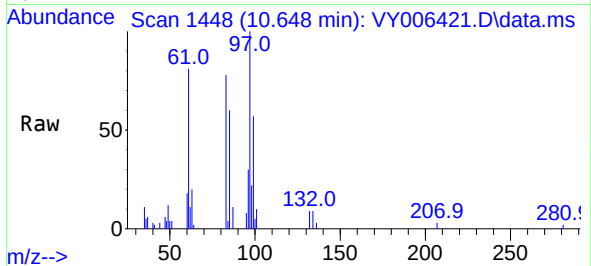
#55
1,1,2-Trichloroethane
Concen: 4.50 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 97	Resp: 4606
Ion Ratio	Lower Upper
97 100	
83 77.8	69.8 104.8
85 60.3	44.3 66.5
99 57.3	49.8 74.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

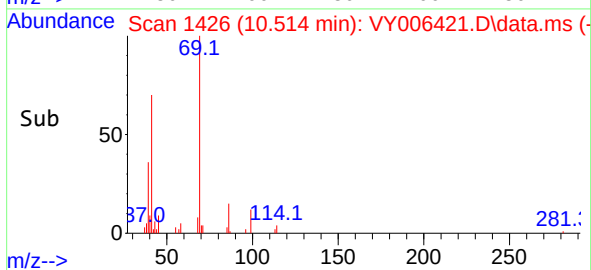
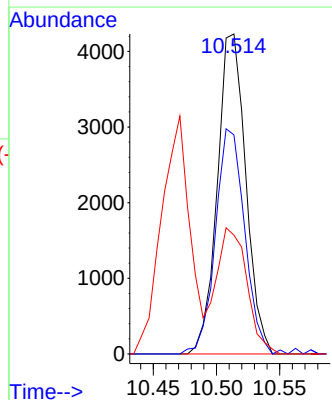
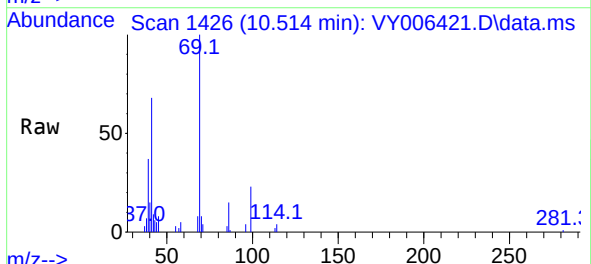
Manual Integrations
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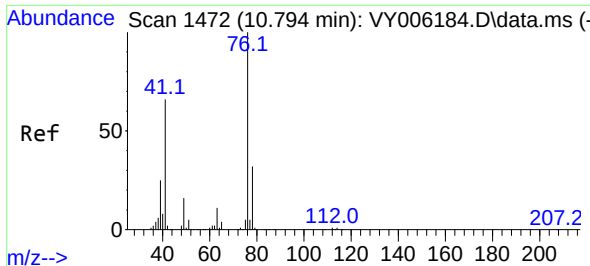
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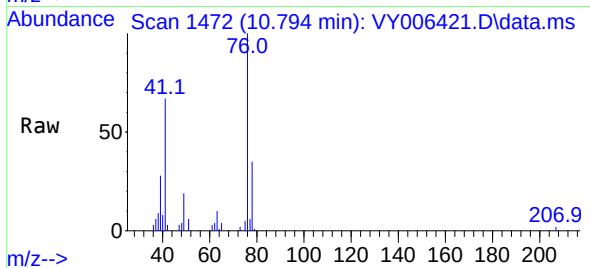
#56
Ethyl methacrylate
Concen: 4.26 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 69	Resp: 6624
Ion Ratio	Lower Upper
69 100	
41 72.2	63.4 95.0
39 42.6	35.8 53.8

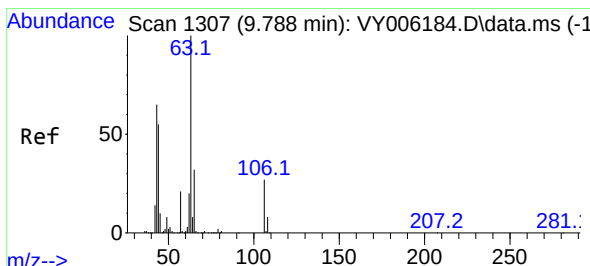
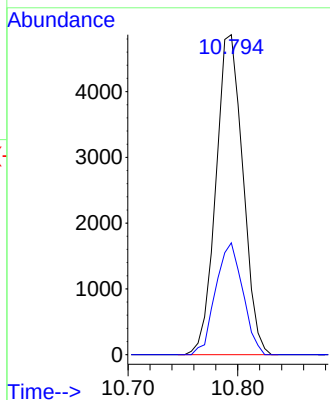
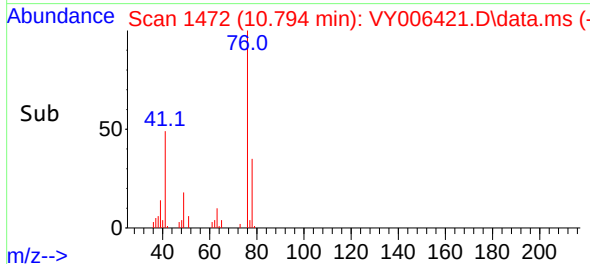




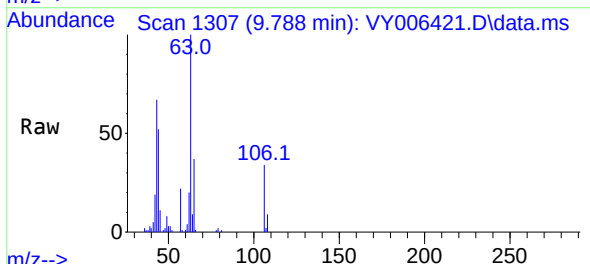
#57
1,3-Dichloropropane
Concen: 4.50 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



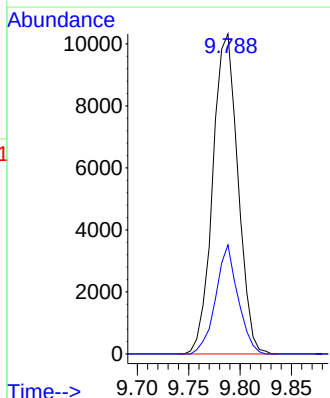
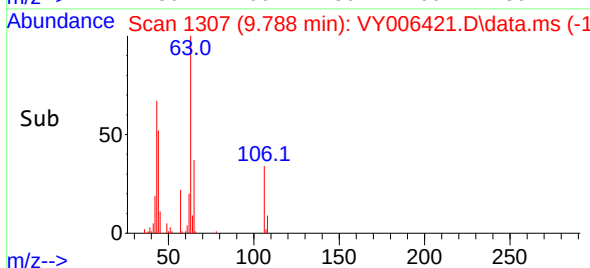
Tgt Ion: 76 Resp: 8335
Ion Ratio Lower Upper
76 100
78 35.1 25.0 37.6



#58
2-Chloroethyl Vinyl ether
Concen: 23.07 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



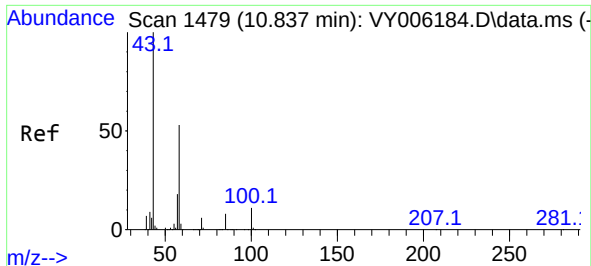
Tgt Ion: 63 Resp: 17591
Ion Ratio Lower Upper
63 100
106 30.1 21.5 32.3



Instrument :
MSVOA_Y
ClientSampleId :
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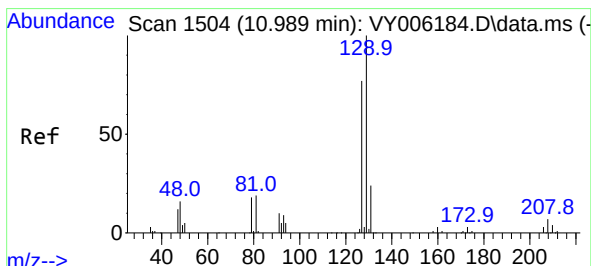
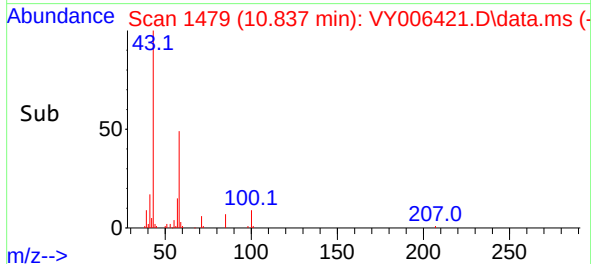
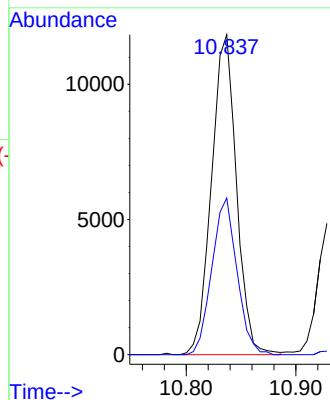
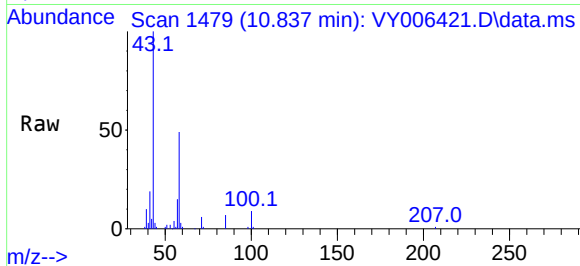
#59
2-Hexanone
Concen: 23.19 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 18745
Ion Ratio Lower Upper
43 100
58 49.2 24.4 73.4

Instrument :
MSVOA_Y
ClientSampleId :
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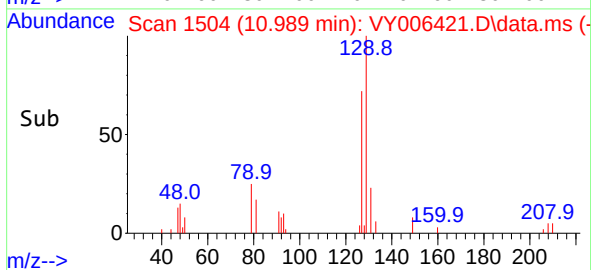
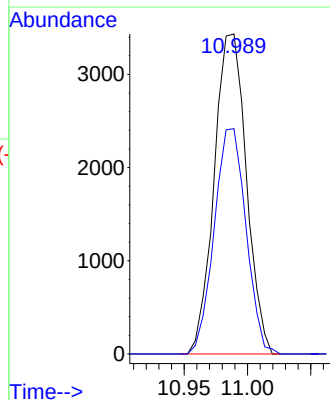
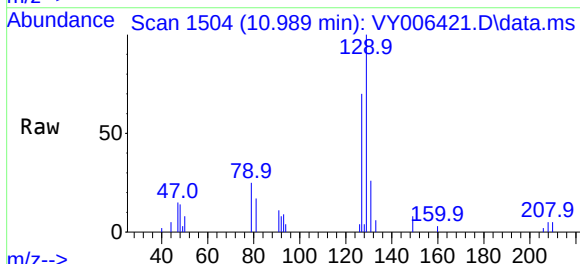
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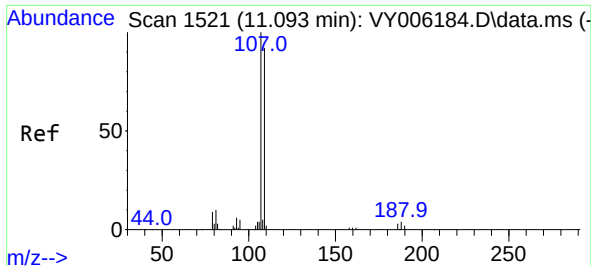
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#60
Dibromochloromethane
Concen: 4.89 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 129 Resp: 6078
Ion Ratio Lower Upper
129 100
127 69.4 38.7 116.1





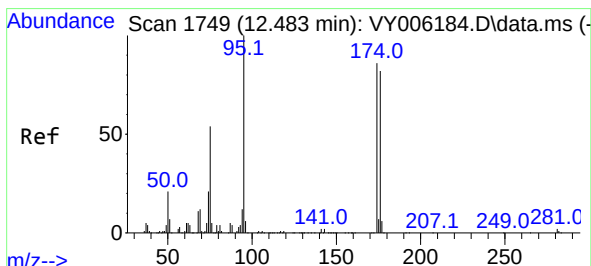
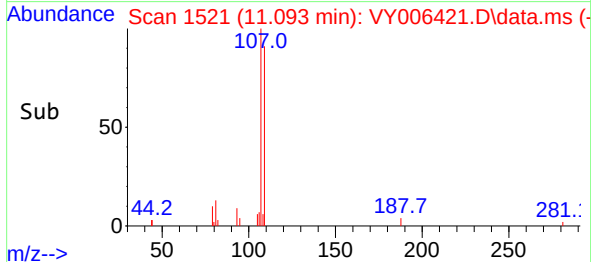
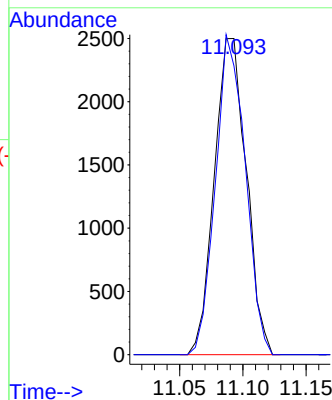
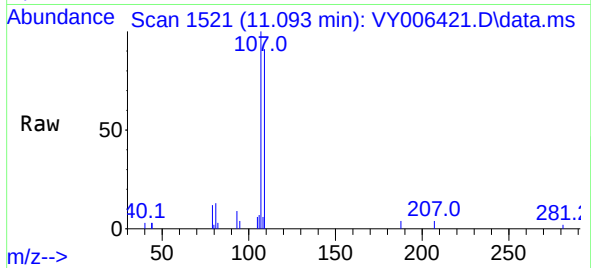
#61
1,2-Dibromoethane
Concen: 4.53 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 107 Resp: 4389
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2

Instrument :
MSVOA_Y
ClientSampleId :
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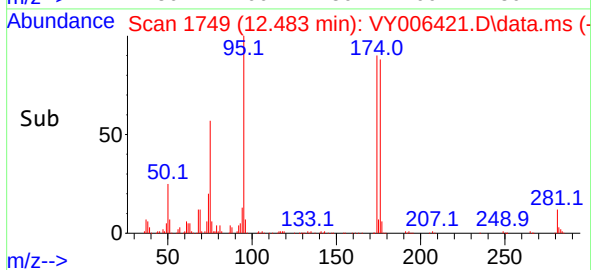
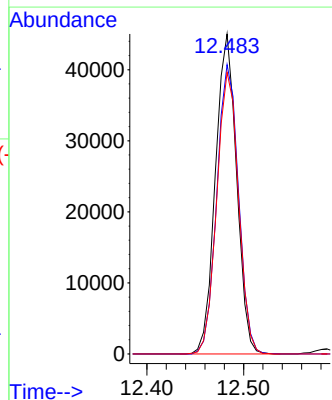
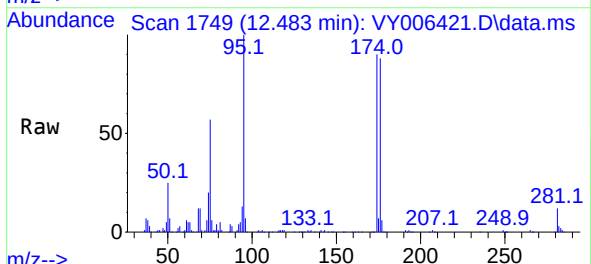
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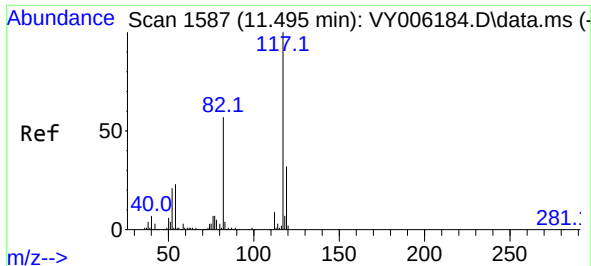
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#62
4-Bromofluorobenzene
Concen: 45.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 95 Resp: 68267
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 90.3 0.0 175.8





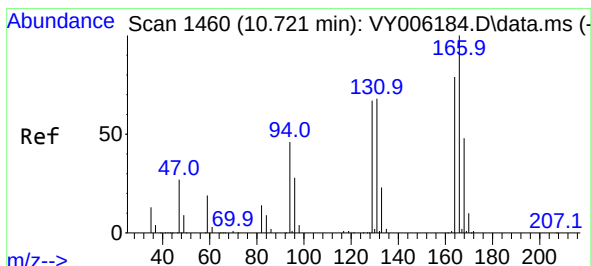
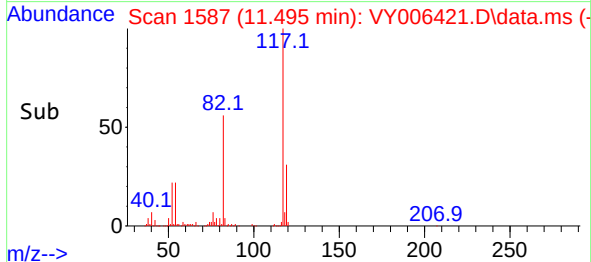
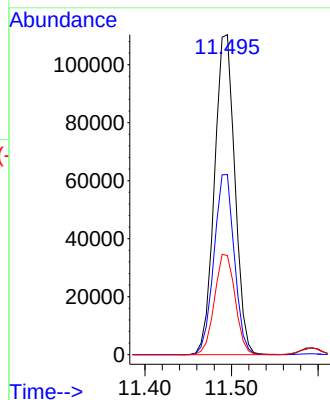
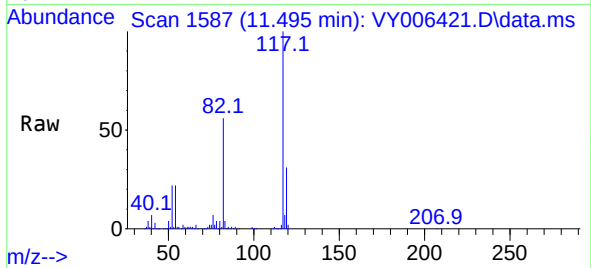
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:117 Resp: 180178
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 31.0 25.4 38.0

Instrument :
MSVOA_Y
ClientSampleId :
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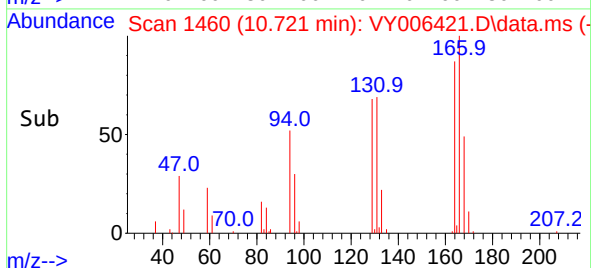
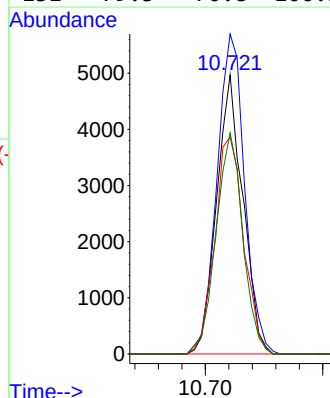
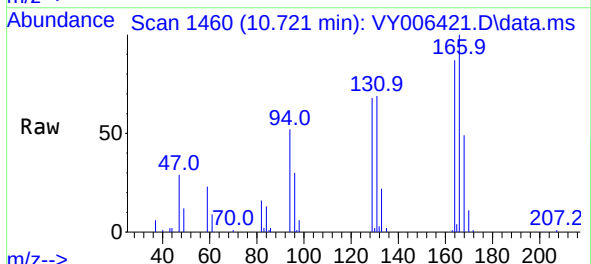
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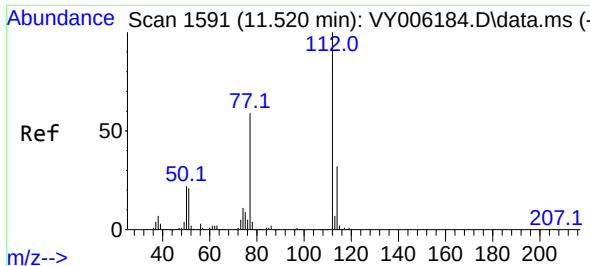
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#64
Tetrachloroethene
Concen: 5.31 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

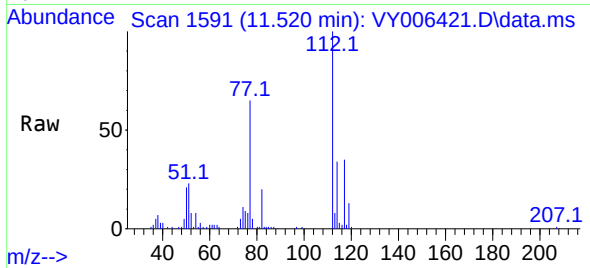
Tgt Ion:164 Resp: 7706
Ion Ratio Lower Upper
164 100
166 114.7 100.4 150.6
129 77.8 71.4 107.0
131 79.3 70.8 106.2





#65
Chlorobenzene
Concen: 4.53 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

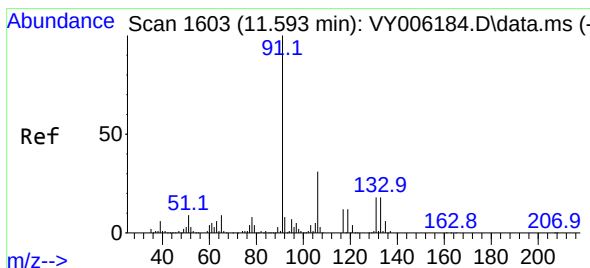
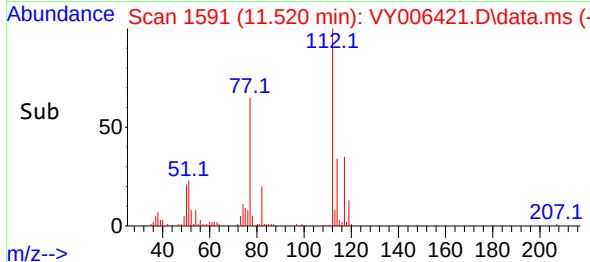
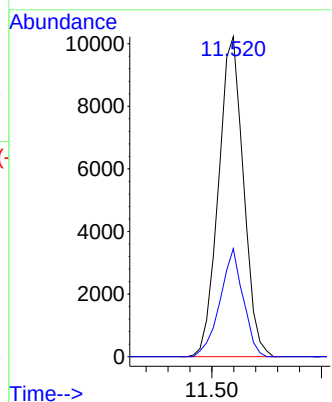
Instrument :
MSVOA_Y
ClientSampleId :
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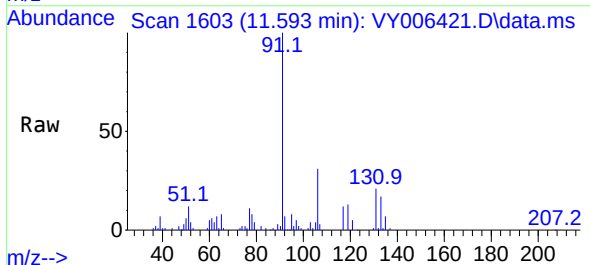
Tgt Ion:112 Resp: 16168
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6

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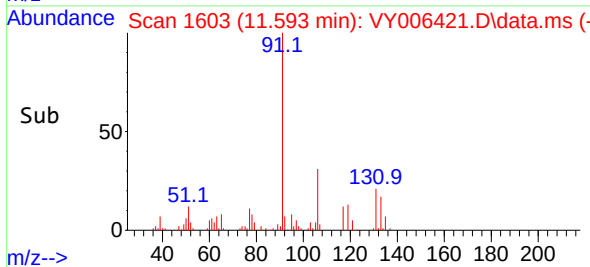
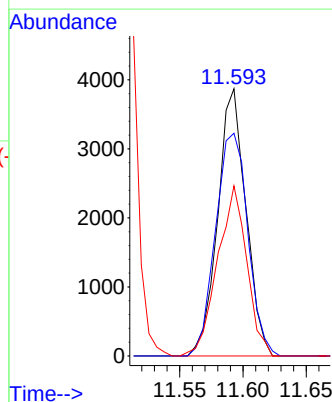
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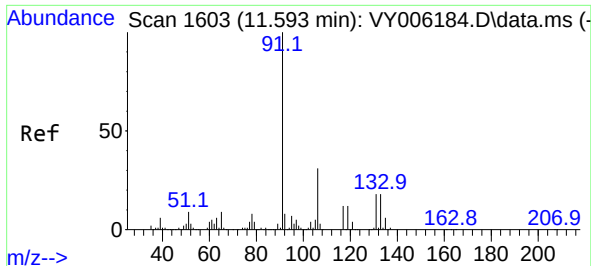


#66
1,1,1,2-Tetrachloroethane
Concen: 4.55 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



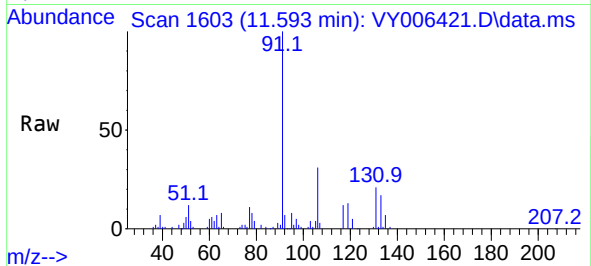
Tgt Ion:131 Resp: 5989
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 66.1 30.8 92.3





#67
Ethyl Benzene
Concen: 4.19 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

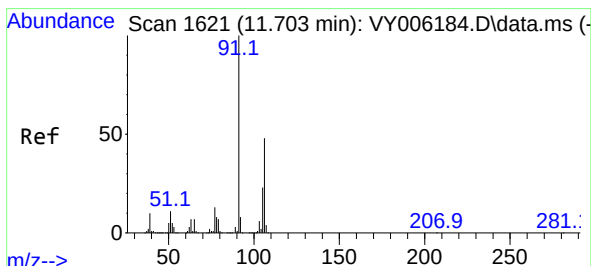
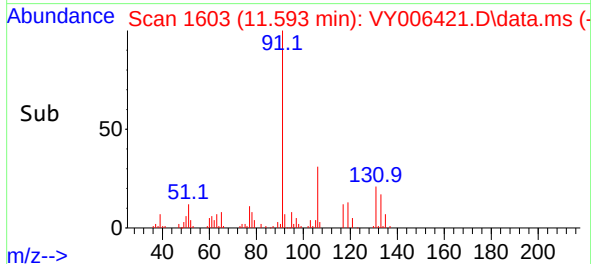
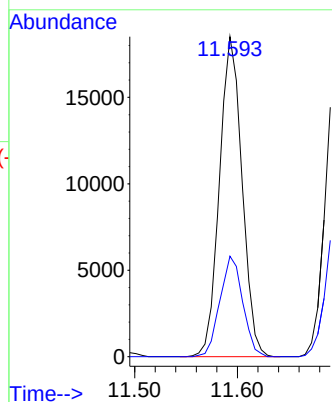
Instrument :
MSVOA_Y
ClientSampleId :
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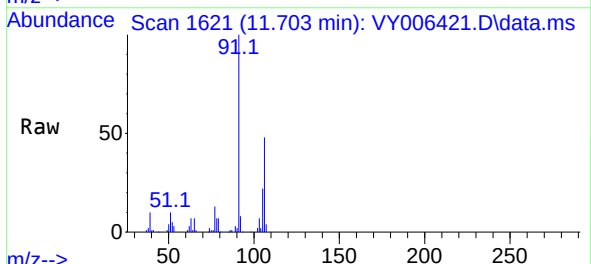
Tgt Ion: 91 Resp: 28209
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

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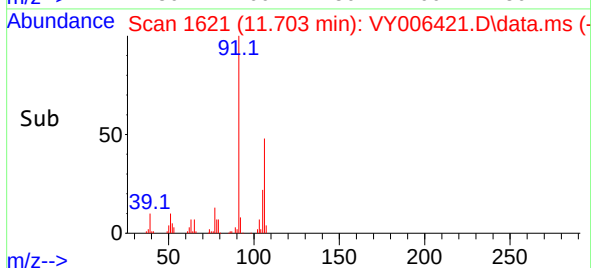
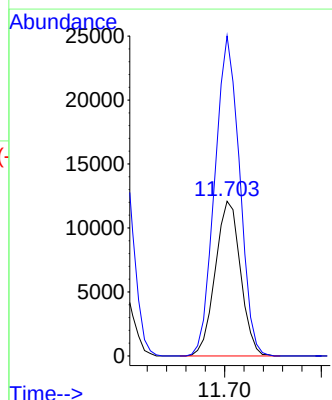
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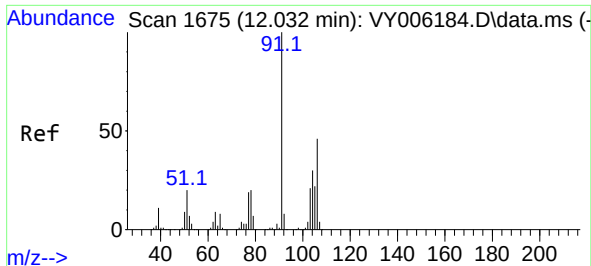


#68
m/p-Xylenes
Concen: 8.58 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



Tgt Ion: 106 Resp: 21898
Ion Ratio Lower Upper
106 100
91 203.1 166.6 249.8





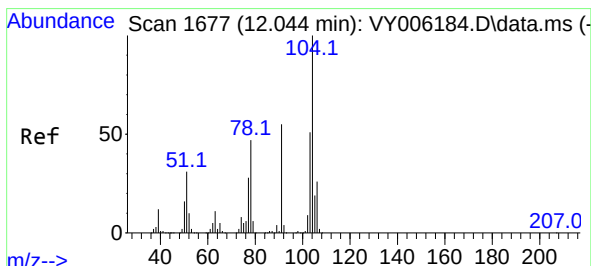
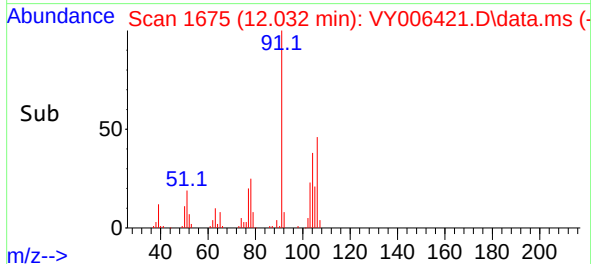
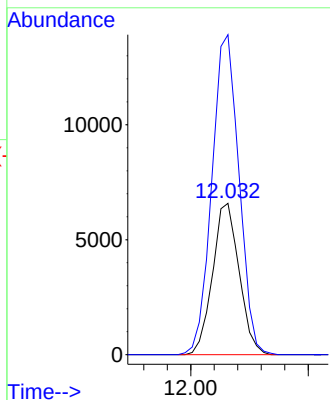
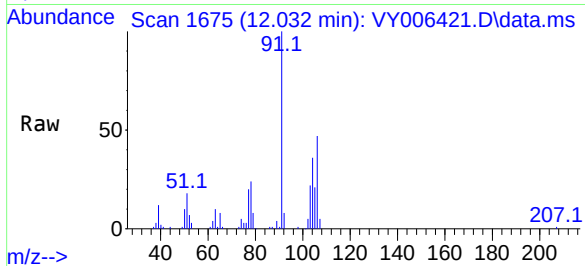
#69
o-Xylene
Concen: 4.28 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:106 Resp: 10333
Ion Ratio Lower Upper
106 100
91 215.9 110.3 331.0

Instrument :
MSVOA_Y
ClientSampleId :
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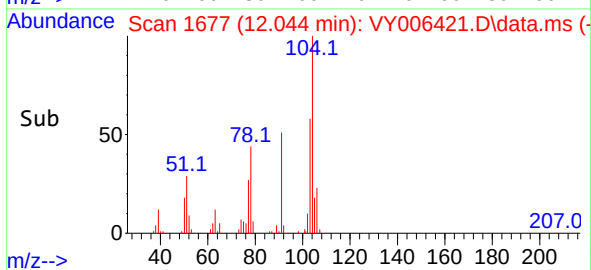
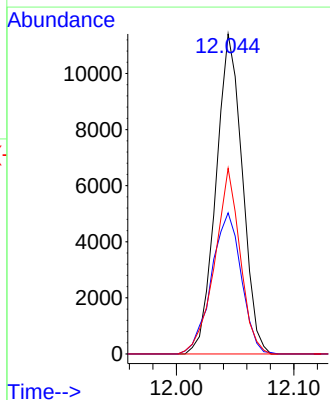
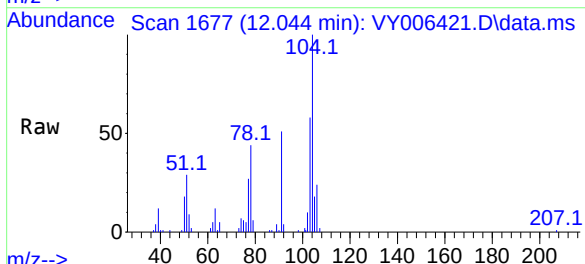
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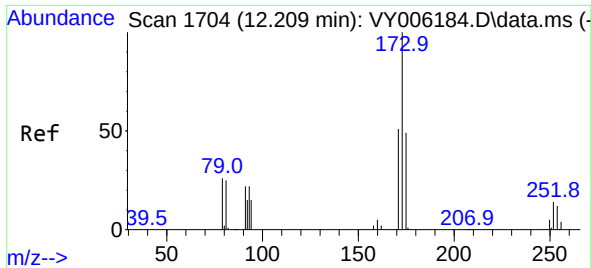
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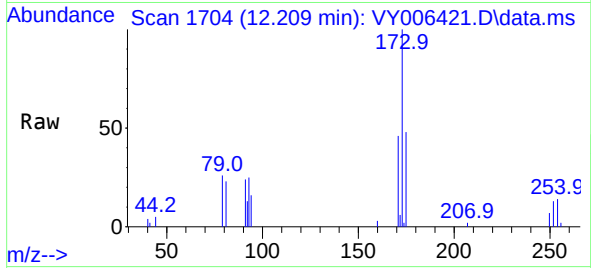
#70
Styrene
Concen: 4.34 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:104 Resp: 17774
Ion Ratio Lower Upper
104 100
78 49.9 42.4 63.6
103 56.0 44.4 66.6



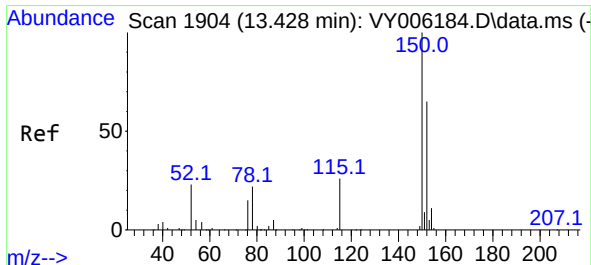
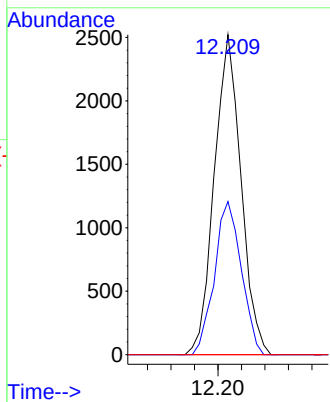
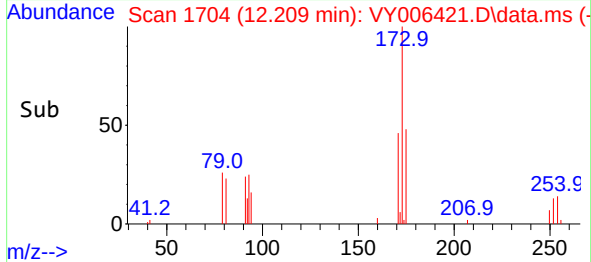


#71
Bromoform
Concen: 4.86 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

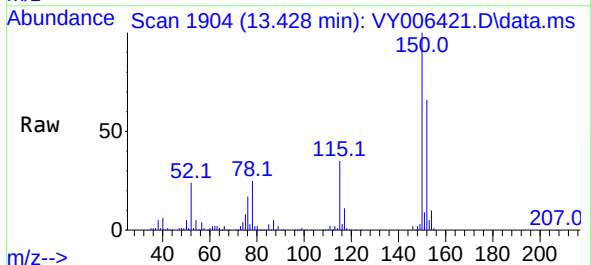


Tgt Ion:173 Resp: 3979

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	74.0
254	0.0	0.0	0.0

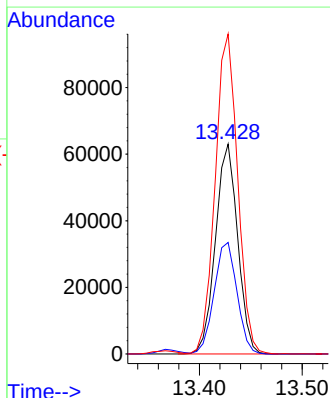
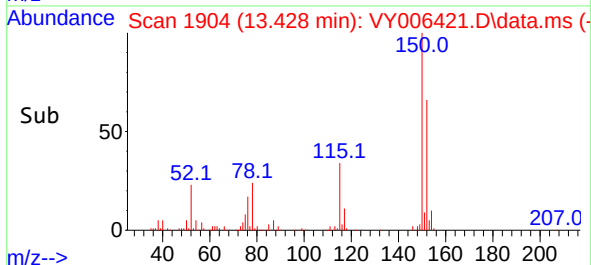


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



Tgt Ion:152 Resp: 94357

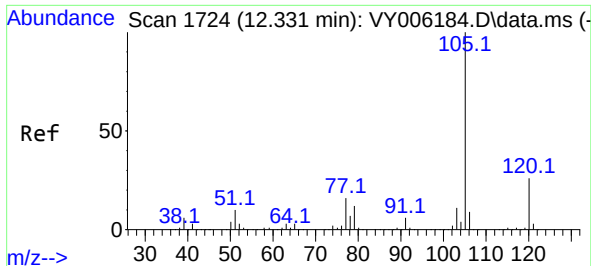
Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.2	84.7
150	154.7	0.0	347.6



Instrument :
MSVOA_Y
ClientSampleId :
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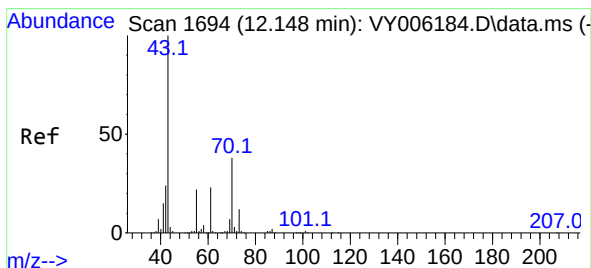
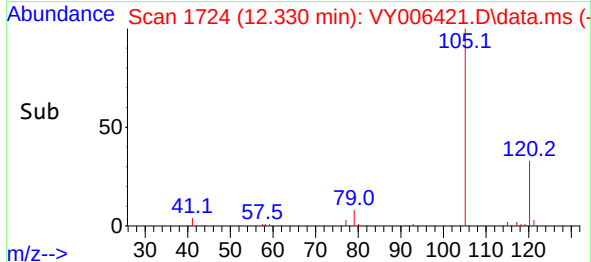
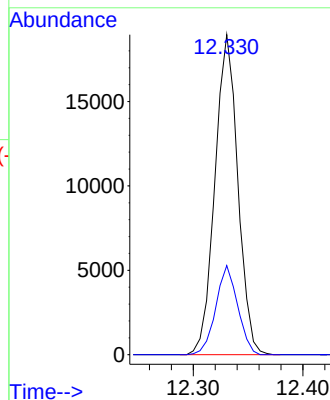
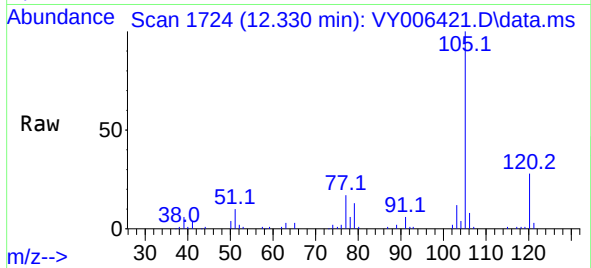
#73
Isopropylbenzene
Concen: 4.08 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 105 Resp: 27554
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

Instrument :
MSVOA_Y
ClientSampleId :
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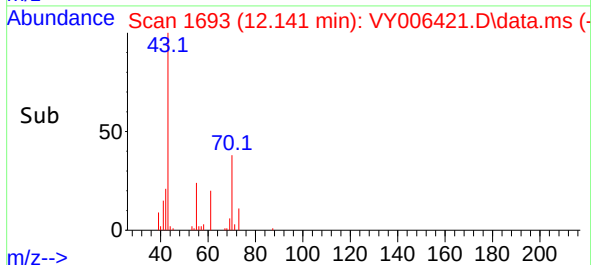
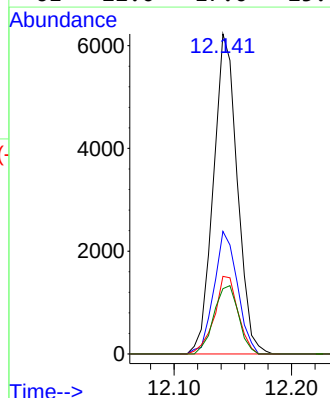
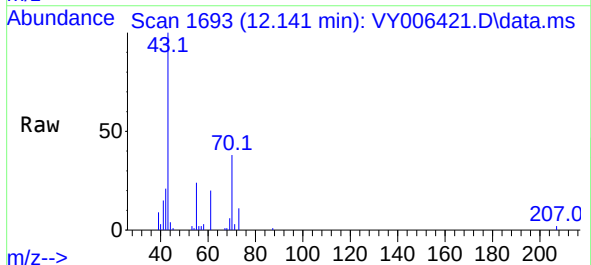
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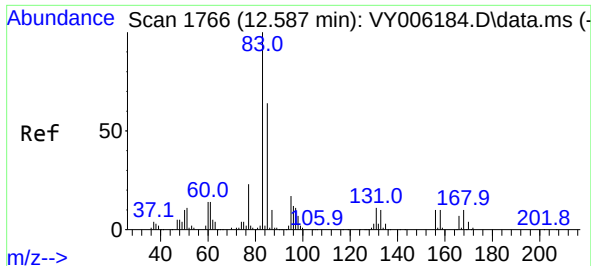
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#74
N-ethyl acetate
Concen: 4.19 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 8800
Ion Ratio Lower Upper
43 100
70 37.7 28.7 43.1
55 24.1 17.3 25.9
61 22.0 17.0 25.6





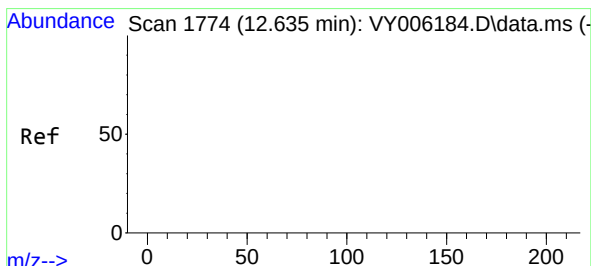
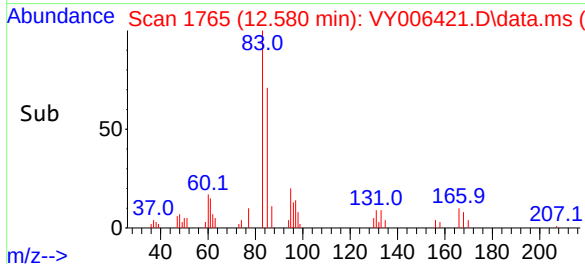
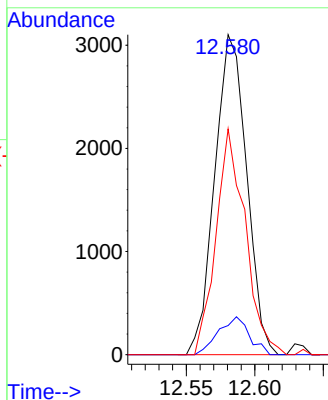
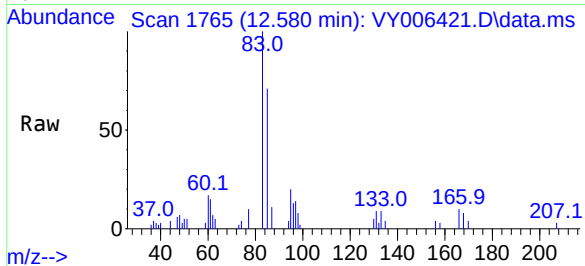
#75
1,1,2,2-Tetrachloroethane
Concen: 4.11 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 83 Resp: 5022
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 64.7 32.3 96.8

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

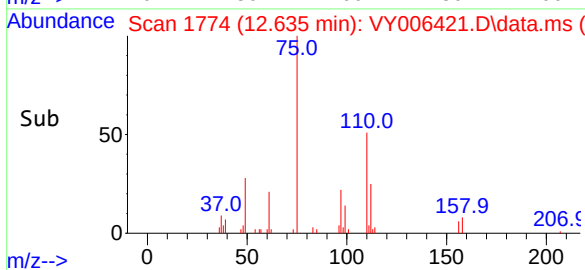
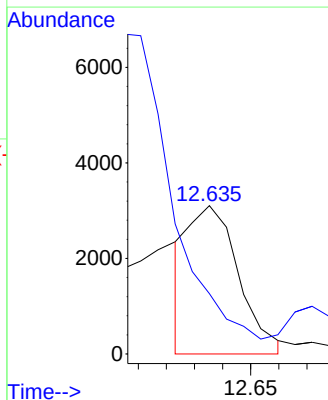
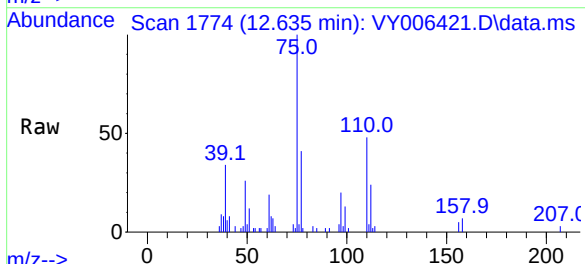
Manual Integrations
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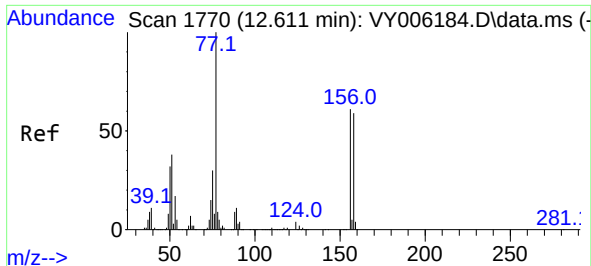
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#76
1,2,3-Trichloropropane
Concen: 4.21 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 75 Resp: 3862
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.26 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

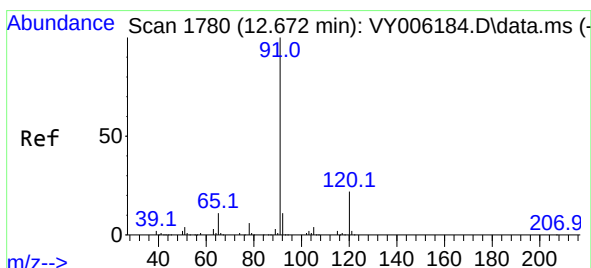
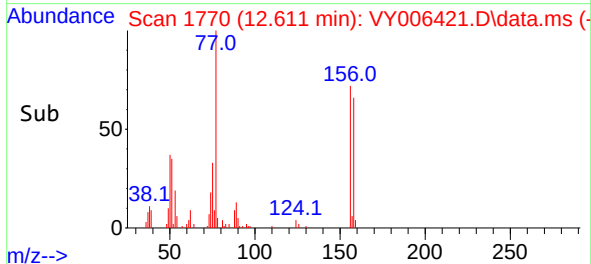
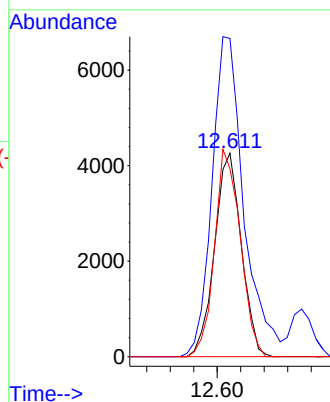
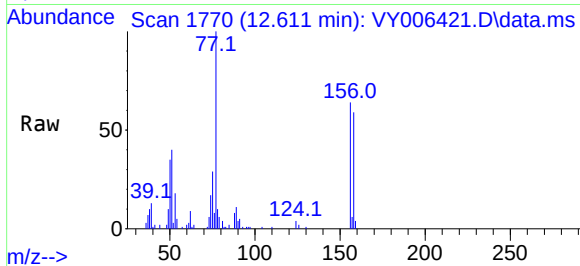
Tgt Ion: 156 Resp: 6747

Ion	Ratio	Lower	Upper
156	100		
77	186.4	95.5	286.4
158	97.8	48.0	144.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

Manual Integrations
APPROVED

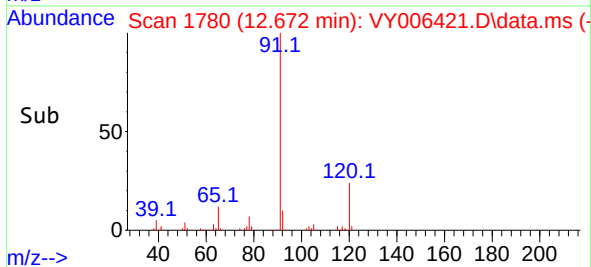
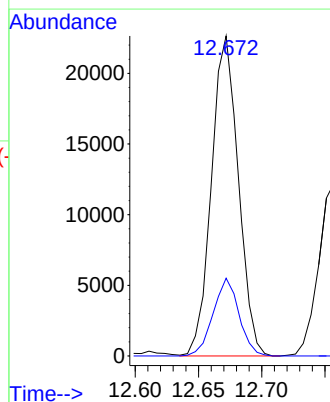
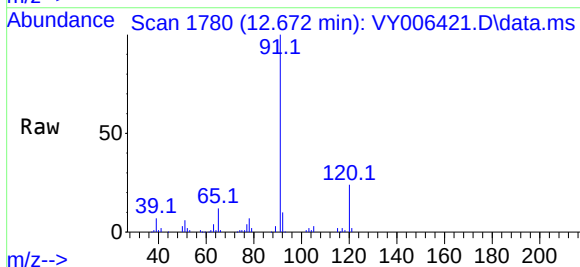
MMDadoda
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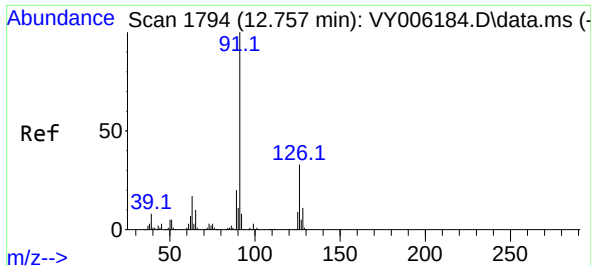


#78
n-propylbenzene
Concen: 4.03 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 91 Resp: 33493

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.3	33.9





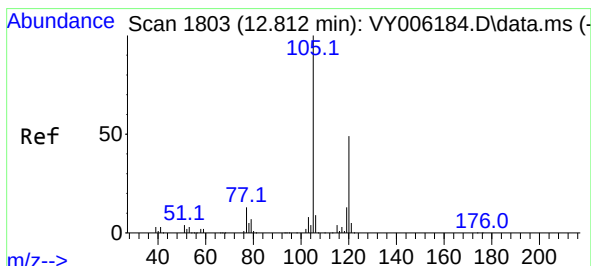
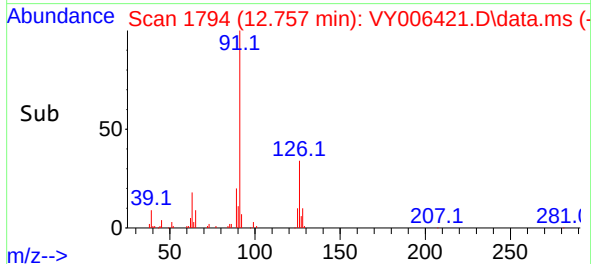
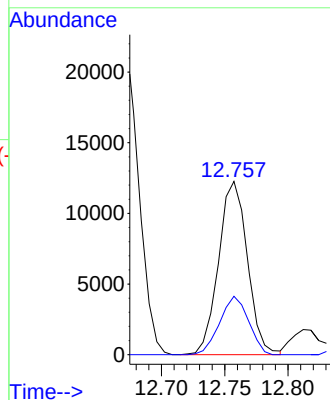
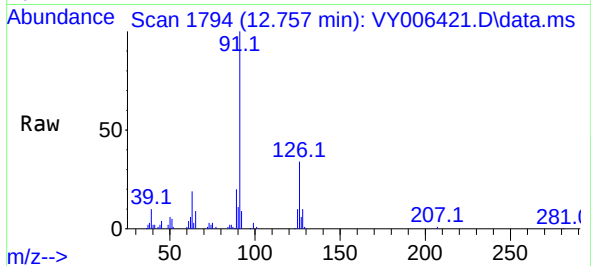
#79
2-Chlorotoluene
Concen: 4.23 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 91 Resp: 19475
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

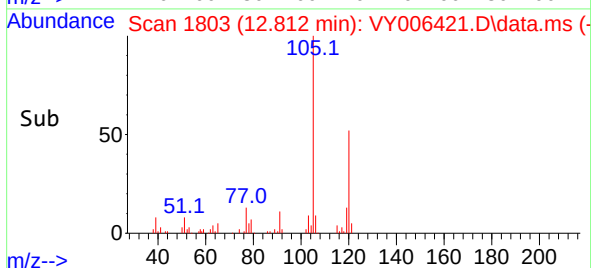
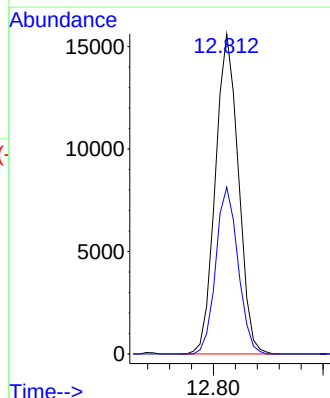
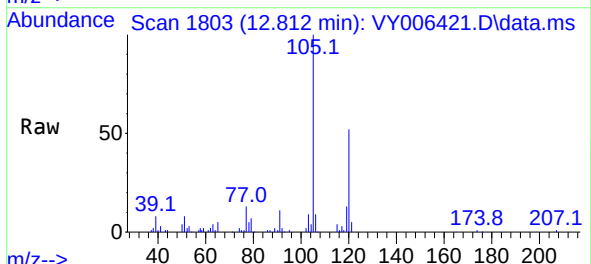
Manual Integrations
APPROVED

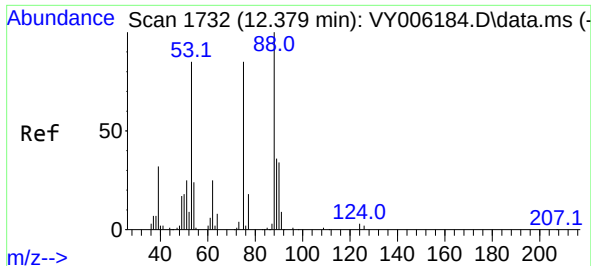
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#80
1,3,5-Trimethylbenzene
Concen: 4.03 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

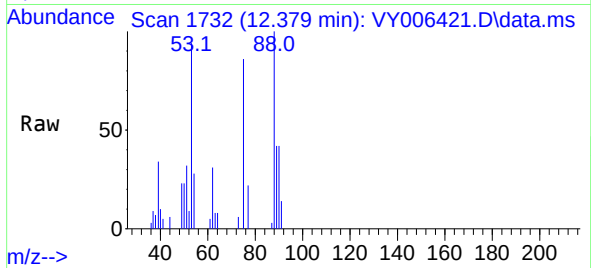
Tgt Ion: 105 Resp: 22793
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.60 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

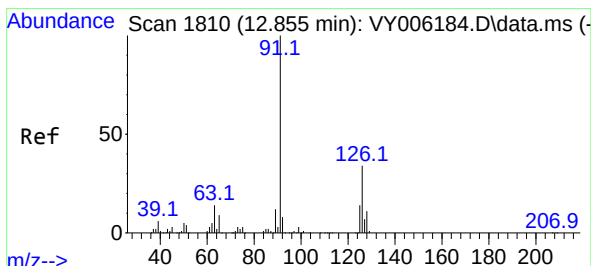
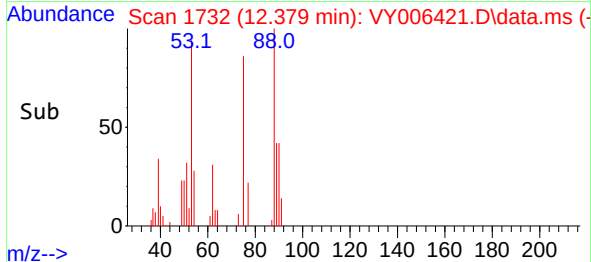
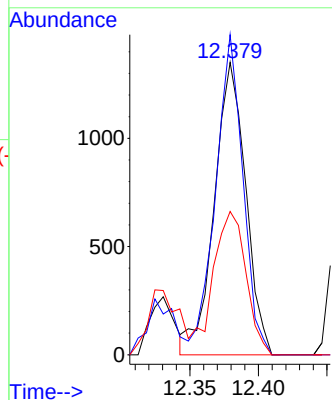
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021



Tgt Ion: 75 Resp: 2149
Ion Ratio Lower Upper
75 100
53 95.2 85.3 127.9
89 51.1 37.0 55.4

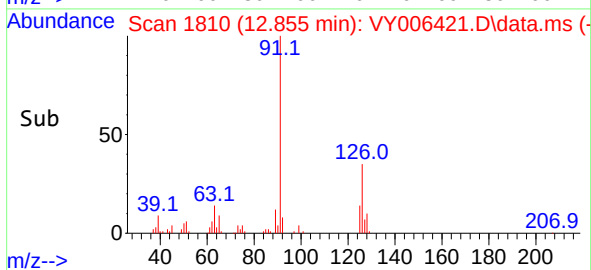
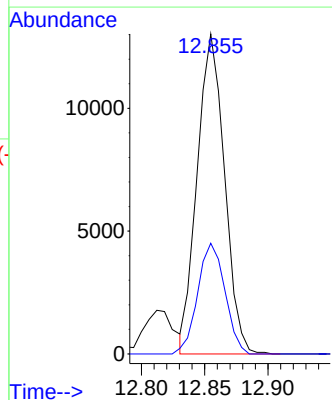
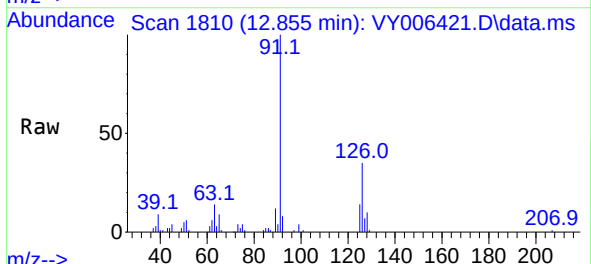
Manual Integrations
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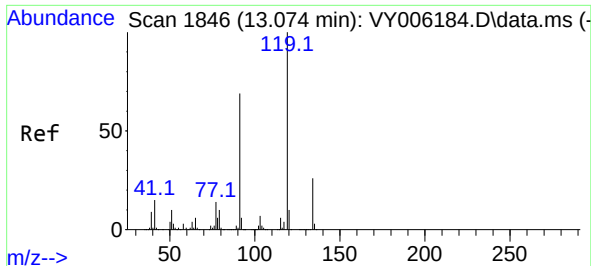
MMDadoda
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#82
4-Chlorotoluene
Concen: 4.11 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 91 Resp: 19589
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0





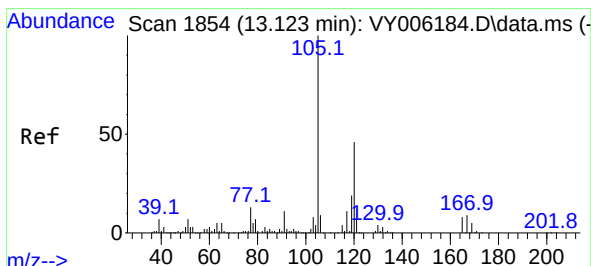
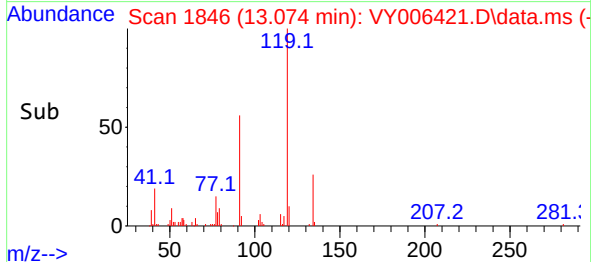
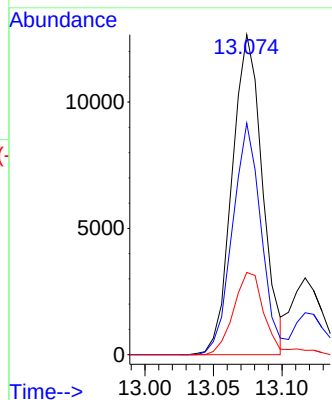
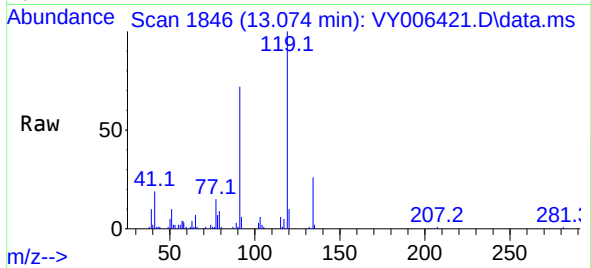
#83
tert-Butylbenzene
Concen: 4.03 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	119	Resp:	19496
Ion	Ratio	Lower	Upper
119	100		
91	69.1	34.8	104.4
134	26.9	13.3	39.9

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

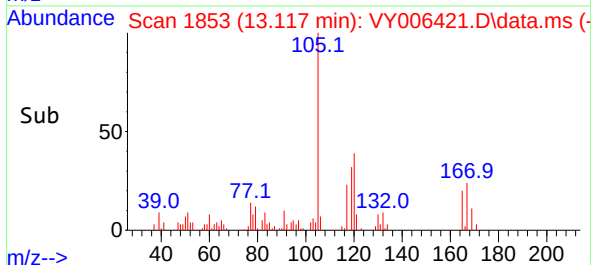
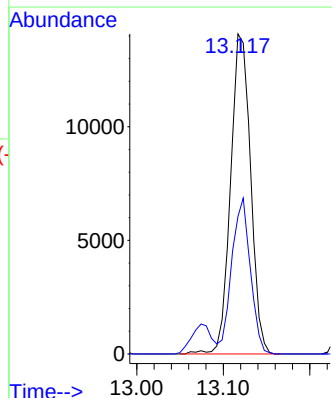
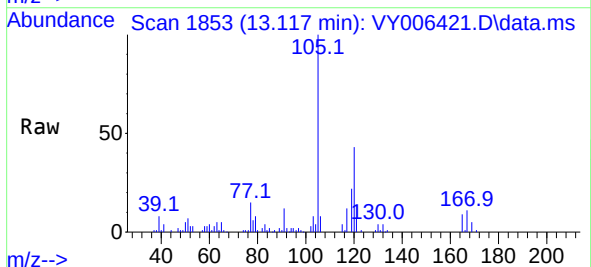
Manual Integrations
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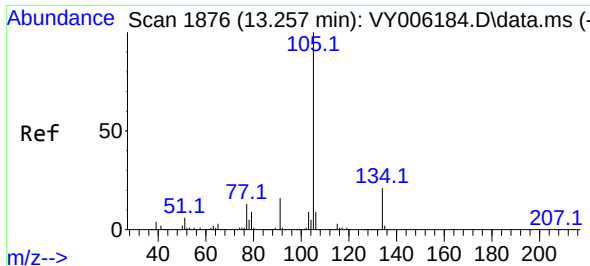
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#84
1,2,4-Trimethylbenzene
Concen: 4.05 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

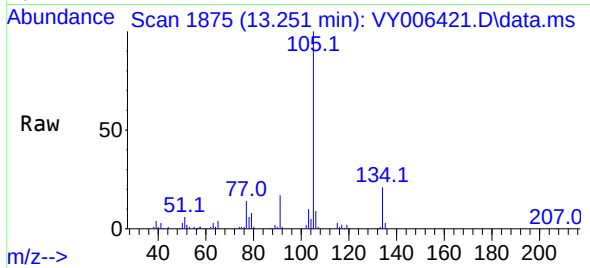
Tgt Ion:	105	Resp:	22604
Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.9





#85
sec-Butylbenzene
Concen: 4.05 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

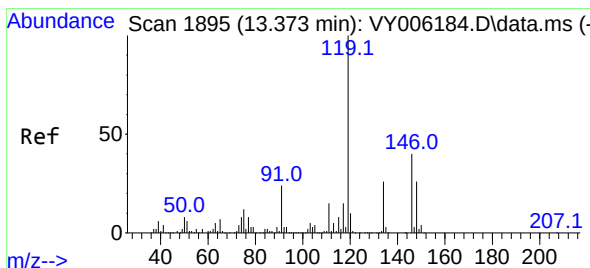
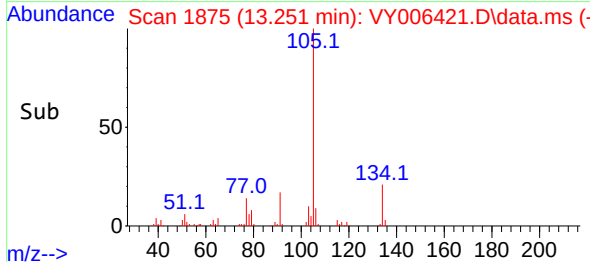
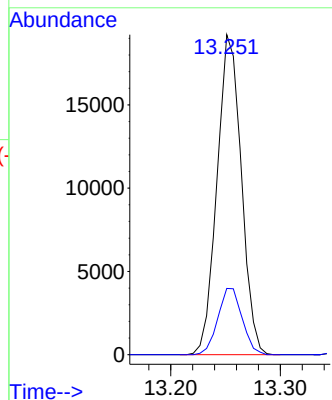
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021



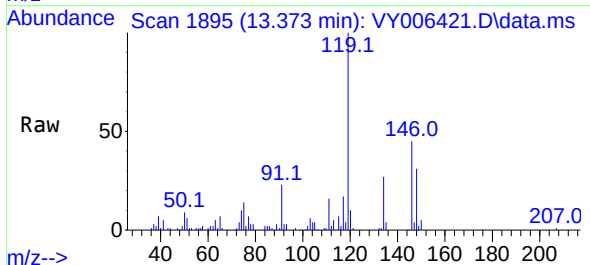
Tgt Ion:105 Resp: 29598
Ion Ratio Lower Upper
105 100
134 20.7 10.2 30.4

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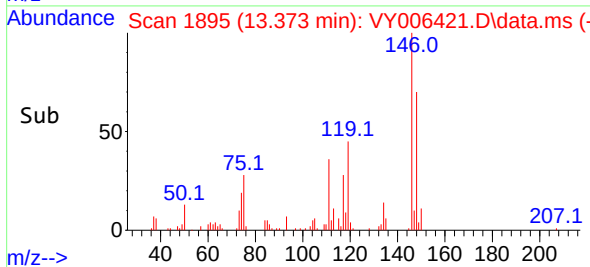
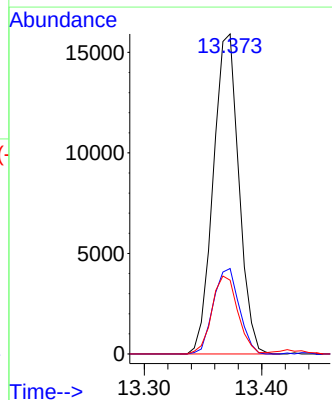
MMDadoda
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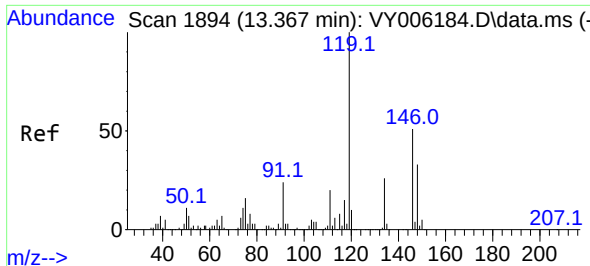


#86
p-Isopropyltoluene
Concen: 3.90 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

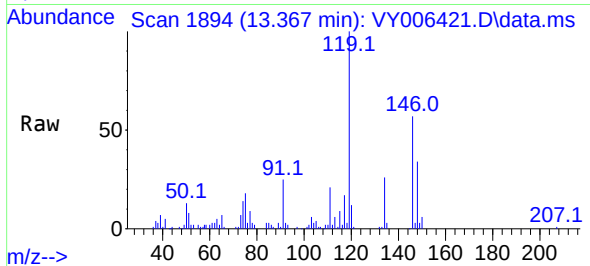


Tgt Ion:119 Resp: 24053
Ion Ratio Lower Upper
119 100
134 27.0 13.2 39.5
91 24.8 12.4 37.2

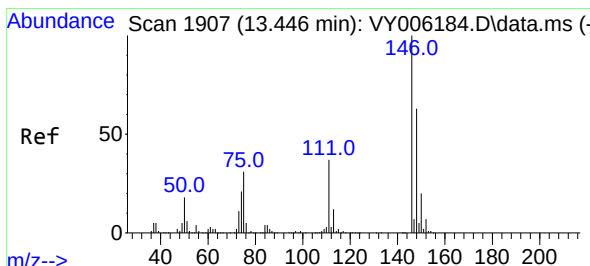
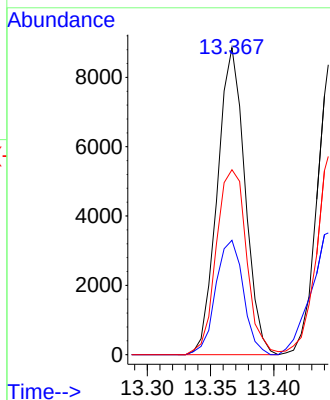
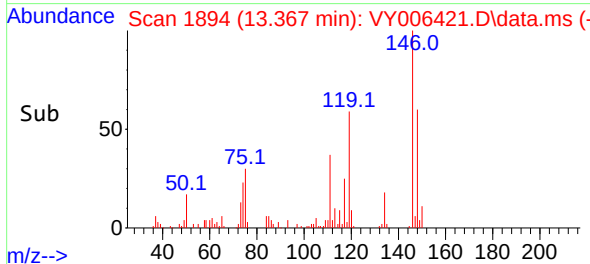




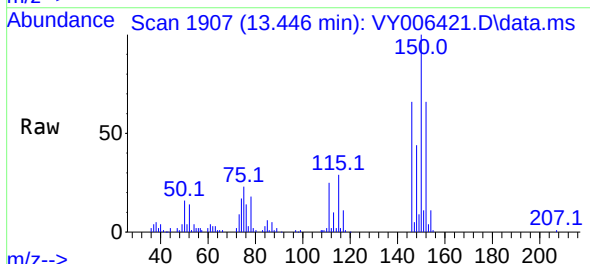
#87
1,3-Dichlorobenzene
Concen: 4.28 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



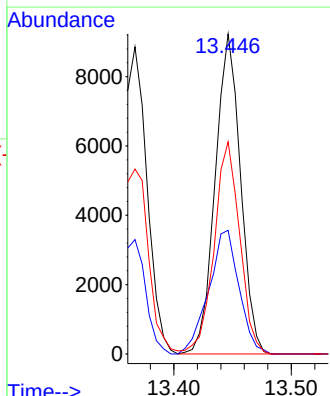
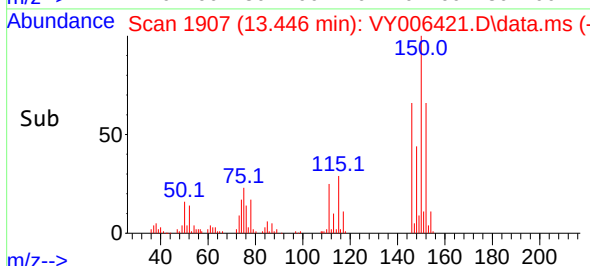
Tgt Ion:146 Resp: 13430
Ion Ratio Lower Upper
146 100
111 37.4 19.5 58.5
148 66.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.47 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



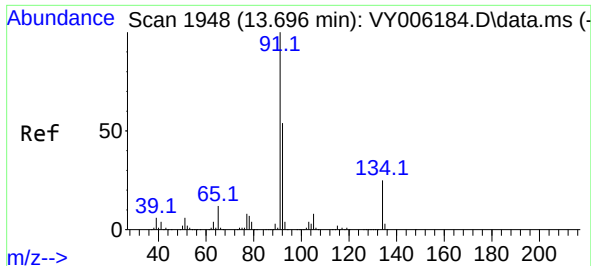
Tgt Ion:146 Resp: 13844
Ion Ratio Lower Upper
146 100
111 46.3 19.3 57.8
148 67.1 32.6 97.8



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

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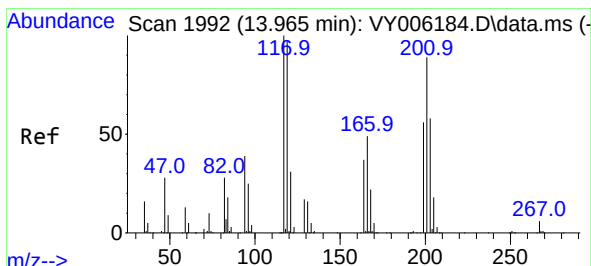
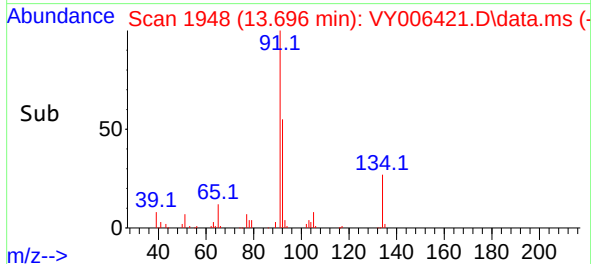
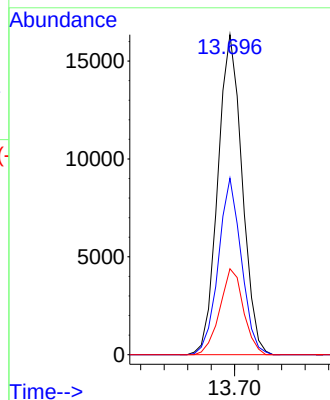
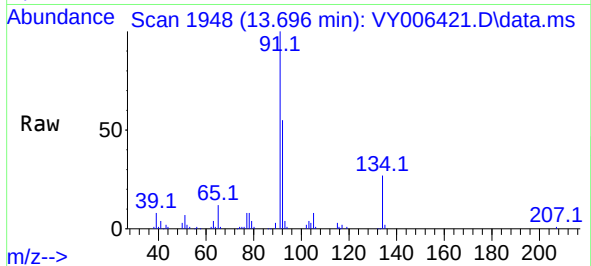
#89
n-Butylbenzene
Concen: 4.01 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	91	Resp:	23479
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.1	13.0	38.9

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

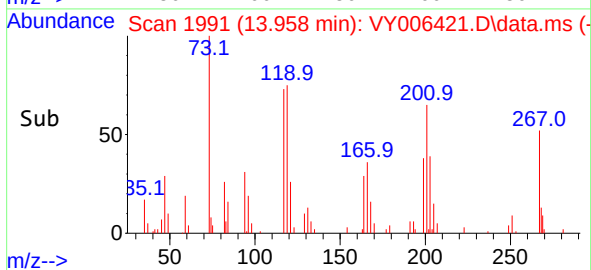
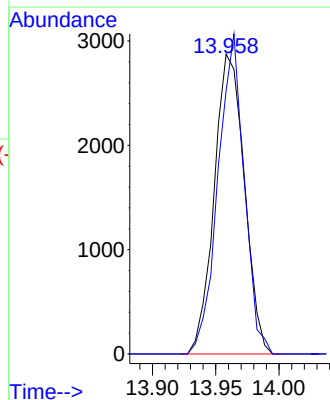
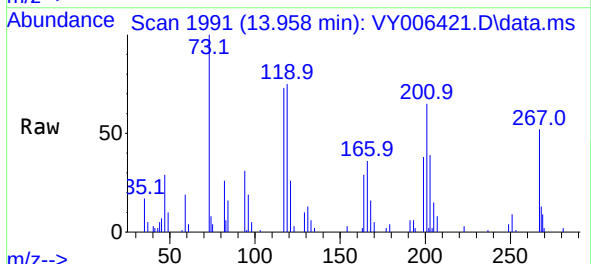
Manual Integrations
APPROVED

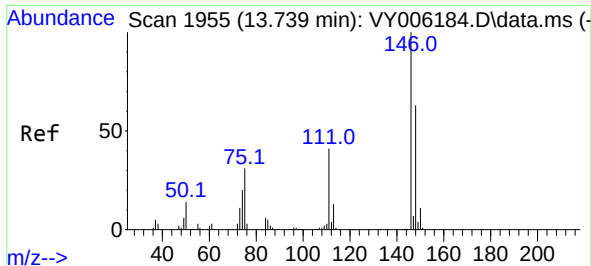
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#90
Hexachloroethane
Concen: 4.27 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	117	Resp:	4779
Ion	Ratio	Lower	Upper
117	100		
201	92.0	43.0	128.8





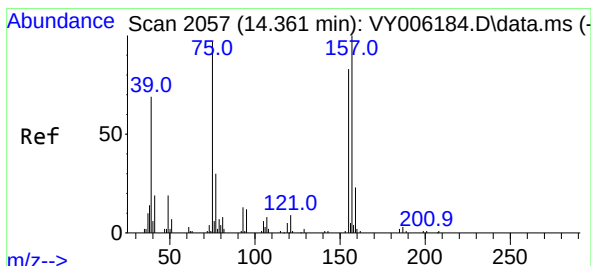
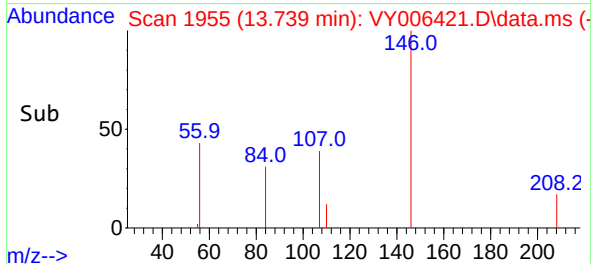
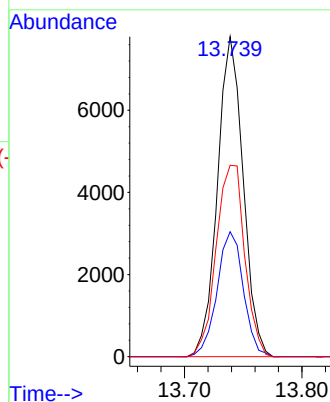
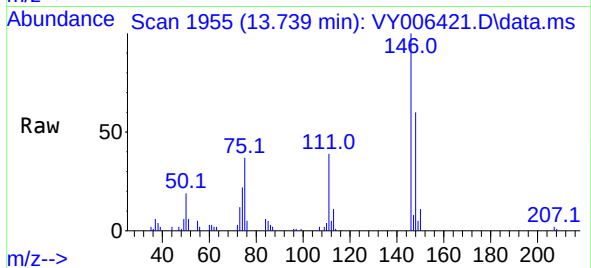
#91
1,2-Dichlorobenzene
Concen: 4.32 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	146	Resp:	11862
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	66.5	32.3	96.9

Instrument :
MSVOA_Y
ClientSampleId :
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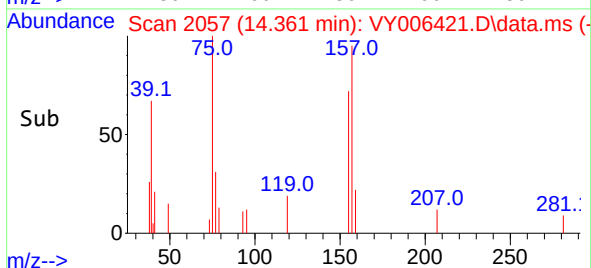
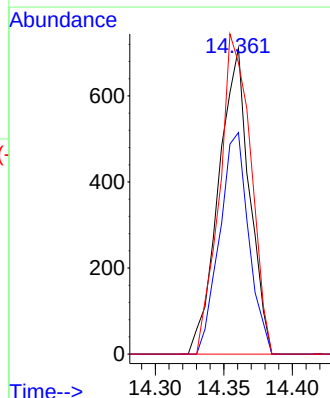
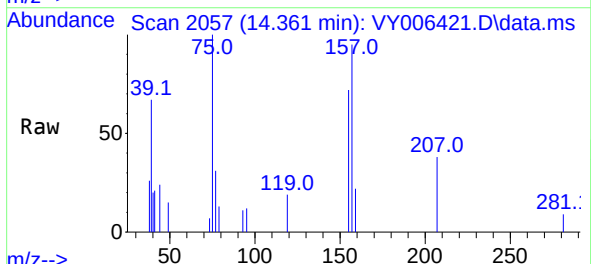
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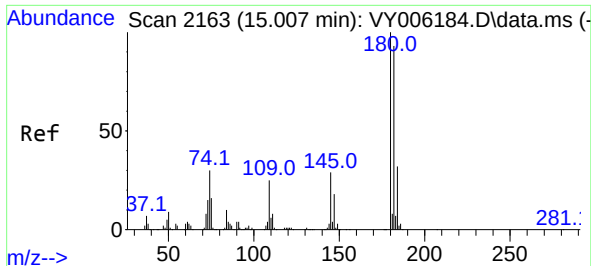
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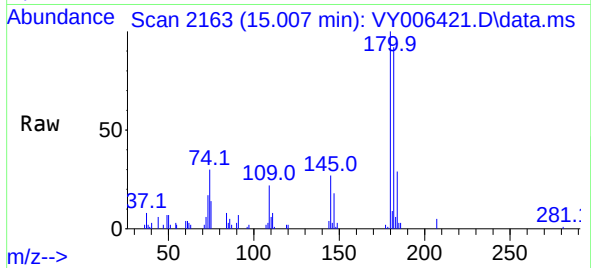
#92
1,2-Dibromo-3-Chloropropane
Concen: 4.78 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	75	Resp:	1112
Ion	Ratio	Lower	Upper
75	100		
155	68.3	38.0	113.9
157	106.1	47.8	143.3

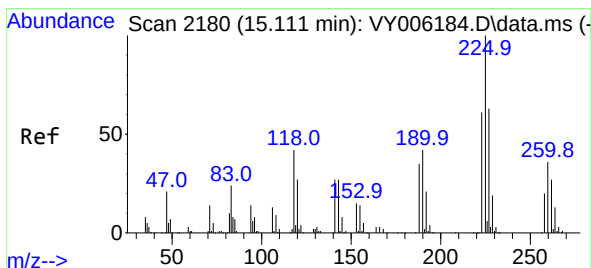
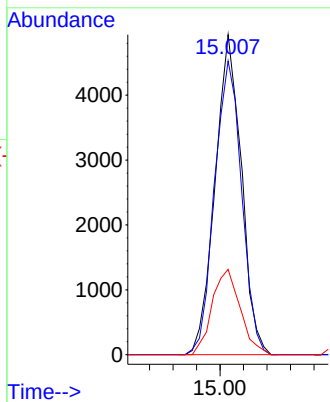
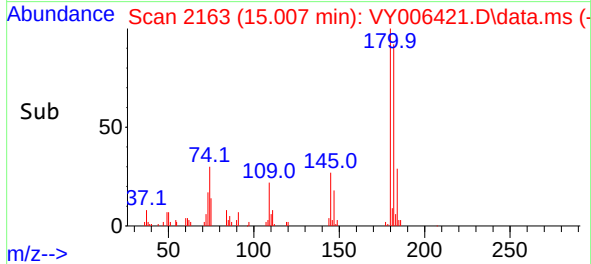




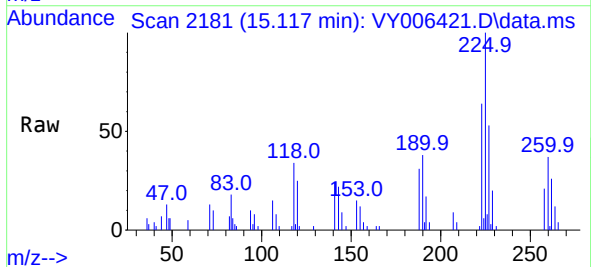
#93
1,2,4-Trichlorobenzene
Concen: 4.22 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



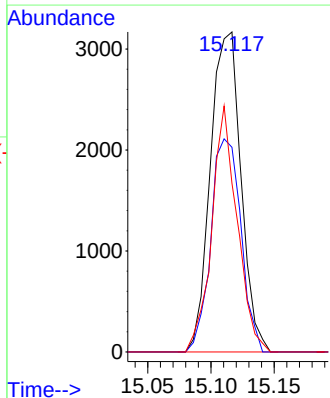
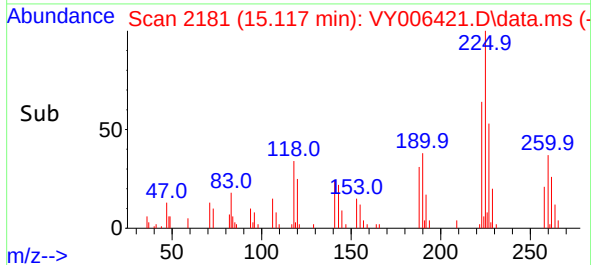
Tgt Ion:180 Resp: 7659
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 28.6 14.6 43.8



#94
Hexachlorobutadiene
Concen: 4.49 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



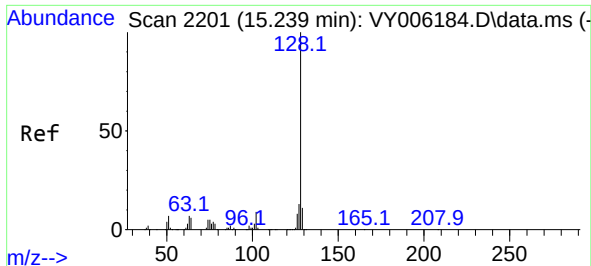
Tgt Ion:225 Resp: 5320
Ion Ratio Lower Upper
225 100
223 65.5 30.8 92.3
227 63.7 31.6 94.7



Instrument :
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ClientSampleId :
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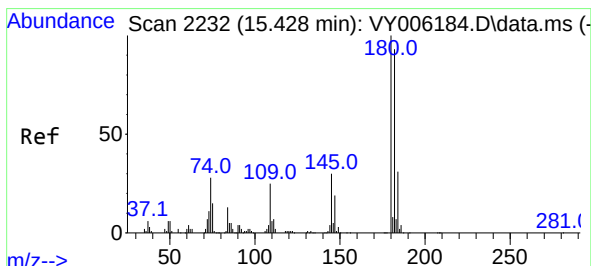
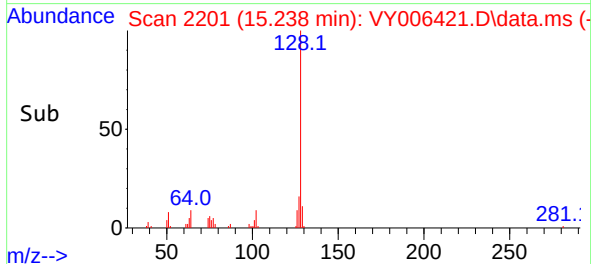
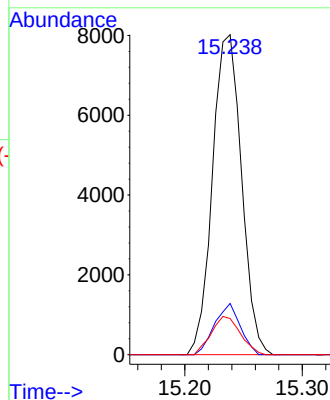
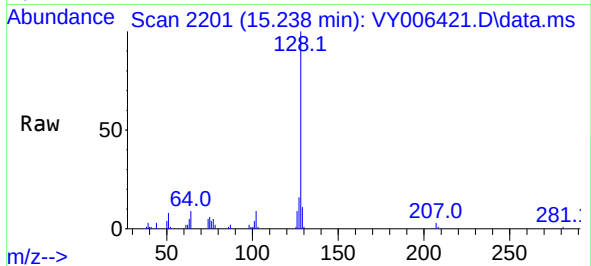
#95
Naphthalene
Concen: 3.82 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	128	Resp:	13770
Ion Ratio	Lower	Upper	
128	100		
127	14.2	11.0	16.4
129	12.0	8.4	12.6

Instrument :
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ClientSampleId :
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#96
1,2,3-Trichlorobenzene
Concen: 4.21 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	180	Resp:	6769
Ion Ratio	Lower	Upper	
180	100		
182	91.1	47.3	141.9
145	29.3	15.3	45.9

