

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101221\
 Data File : VY006376.D
 Acq On : 12 Oct 2021 13:03
 Operator : SY/MD
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
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Quant Time: Oct 13 08:07:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 08:03:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	134084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	203937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	189890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72458	50.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.980%
35) Dibromofluoromethane	7.722	113	52971	48.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.185	98	219832	48.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.483	95	74071	47.816	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	7139	5.249	ug/l	91
3) Chloromethane	2.119	50	8745	5.520	ug/l	97
4) Vinyl Chloride	2.253	62	10393	5.920	ug/l	99
5) Bromomethane	2.656	94	7959	6.975	ug/l	92
6) Chloroethane	2.802	64	6218	6.019	ug/l	100
7) Trichlorofluoromethane	3.137	101	12610	5.453	ug/l	99
8) Diethyl Ether	3.534	74	4124	5.399	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	6680	5.411	ug/l	97
10) Methyl Iodide	4.107	142	5063	3.763	ug/l	96
11) Tert butyl alcohol	4.966	59	3672	29.251	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	6497	5.174	ug/l	89
13) Acrolein	3.735	56	1934	24.193	ug/l	96
14) Allyl chloride	4.485	41	12587	5.212	ug/l	97
15) Acrylonitrile	5.168	53	10599	26.383	ug/l	99
16) Acetone	3.954	43	10670	26.620	ug/l	93
17) Carbon Disulfide	4.204	76	22766	5.420	ug/l	96
18) Methyl Acetate	4.485	43	7980	5.904	ug/l	96
19) Methyl tert-butyl Ether	5.229	73	18305	4.991	ug/l	99
20) Methylene Chloride	4.723	84	12453	7.983	ug/l	89
21) trans-1,2-Dichloroethene	5.235	96	7381	5.301	ug/l	97
22) Diisopropyl ether	6.131	45	23157	4.847	ug/l	97
23) Vinyl Acetate	6.070	43	66898	23.360	ug/l	99
24) 1,1-Dichloroethane	6.027	63	13547	5.282	ug/l	97
25) 2-Butanone	6.990	43	13801	24.718	ug/l	97
26) 2,2-Dichloropropane	6.990	77	12627	5.383	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	8175	5.243	ug/l	97
28) Bromochloromethane	7.344	49	5636	5.277	ug/l	97
29) Tetrahydrofuran	7.356	42	8876	25.168	ug/l	95
30) Chloroform	7.515	83	14128	5.522	ug/l	97
31) Cyclohexane	7.795	56	15456	5.685	ug/l #	79
32) 1,1,1-Trichloroethane	7.710	97	12979	5.494	ug/l	98
36) 1,1-Dichloropropene	7.923	75	11141	5.491	ug/l	99
37) Ethyl Acetate	7.082	43	6215	5.258	ug/l #	95
38) Carbon Tetrachloride	7.905	117	11910	5.559	ug/l	98
39) Methylcyclohexane	9.185	83	12969	5.089	ug/l	92
40) Benzene	8.167	78	31446	5.463	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	3666m	4.781	ug/l	
42) 1,2-Dichloroethane	8.240	62	11025	5.944	ug/l	100
43) Isopropyl Acetate	8.277	43	11587	5.111	ug/l	94
44) Trichloroethene	8.941	130	8646	5.815	ug/l	87
45) 1,2-Dichloropropane	9.222	63	7289	5.143	ug/l	98
46) Dibromomethane	9.307	93	4098	5.431	ug/l	95
47) Bromodichloromethane	9.502	83	10542	5.426	ug/l #	93
48) Methyl methacrylate	9.295	41	5347	4.916	ug/l	95
49) 1,4-Dioxane	9.301	88	1094	111.116	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	29339	24.923	ug/l	96
52) Toluene	10.246	92	19491	5.459	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	11483	5.420	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	12171	5.226	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	5957	5.610	ug/l	89
56) Ethyl methacrylate	10.514	69	7642	4.735	ug/l	94
57) 1,3-Dichloropropane	10.795	76	10307	5.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	20008	25.302	ug/l	95
59) 2-Hexanone	10.837	43	21066	25.126	ug/l	99
60) Dibromochloromethane	10.984	129	7134	5.530	ug/l	98
61) 1,2-Dibromoethane	11.093	107	5152	5.124	ug/l	94
64) Tetrachloroethene	10.721	164	9329	6.100	ug/l	98
65) Chlorobenzene	11.520	112	20527	5.456	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	7710	5.561	ug/l	100
67) Ethyl Benzene	11.593	91	36147	5.097	ug/l	96
68) m/p-Xylenes	11.703	106	27415	10.187	ug/l	97
69) o-Xylene	12.032	106	13066	5.141	ug/l	92
70) Styrene	12.044	104	21551	4.993	ug/l	99
71) Bromoform	12.209	173	4582	5.314	ug/l #	98
73) Isopropylbenzene	12.331	105	33972	4.791	ug/l	98
74) N-amyl acetate	12.142	43	9954	4.522	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	6107	4.768	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	5373m	5.584	ug/l	
77) Bromobenzene	12.611	156	9069	5.455	ug/l	90
78) n-propylbenzene	12.672	91	42594	4.880	ug/l	98
79) 2-Chlorotoluene	12.758	91	24175	5.005	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	29106	4.909	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2285	4.667	ug/l	92
82) 4-Chlorotoluene	12.855	91	25139	5.032	ug/l	100
83) tert-Butylbenzene	13.075	119	24644	4.861	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	28397	4.850	ug/l	99
85) sec-Butylbenzene	13.252	105	37446	4.888	ug/l	97
86) p-Isopropyltoluene	13.373	119	30961	4.789	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	17194	5.220	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	17741	5.462	ug/l	97
89) n-Butylbenzene	13.697	91	29026	4.725	ug/l	99
90) Hexachloroethane	13.959	117	6319	5.382	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	15542	5.396	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1301	5.332	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	9270	4.870	ug/l	100
94) Hexachlorobutadiene	15.111	225	6567	5.288	ug/l	98
95) Naphthalene	15.233	128	16806	4.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	8015	4.751	ug/l	98

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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

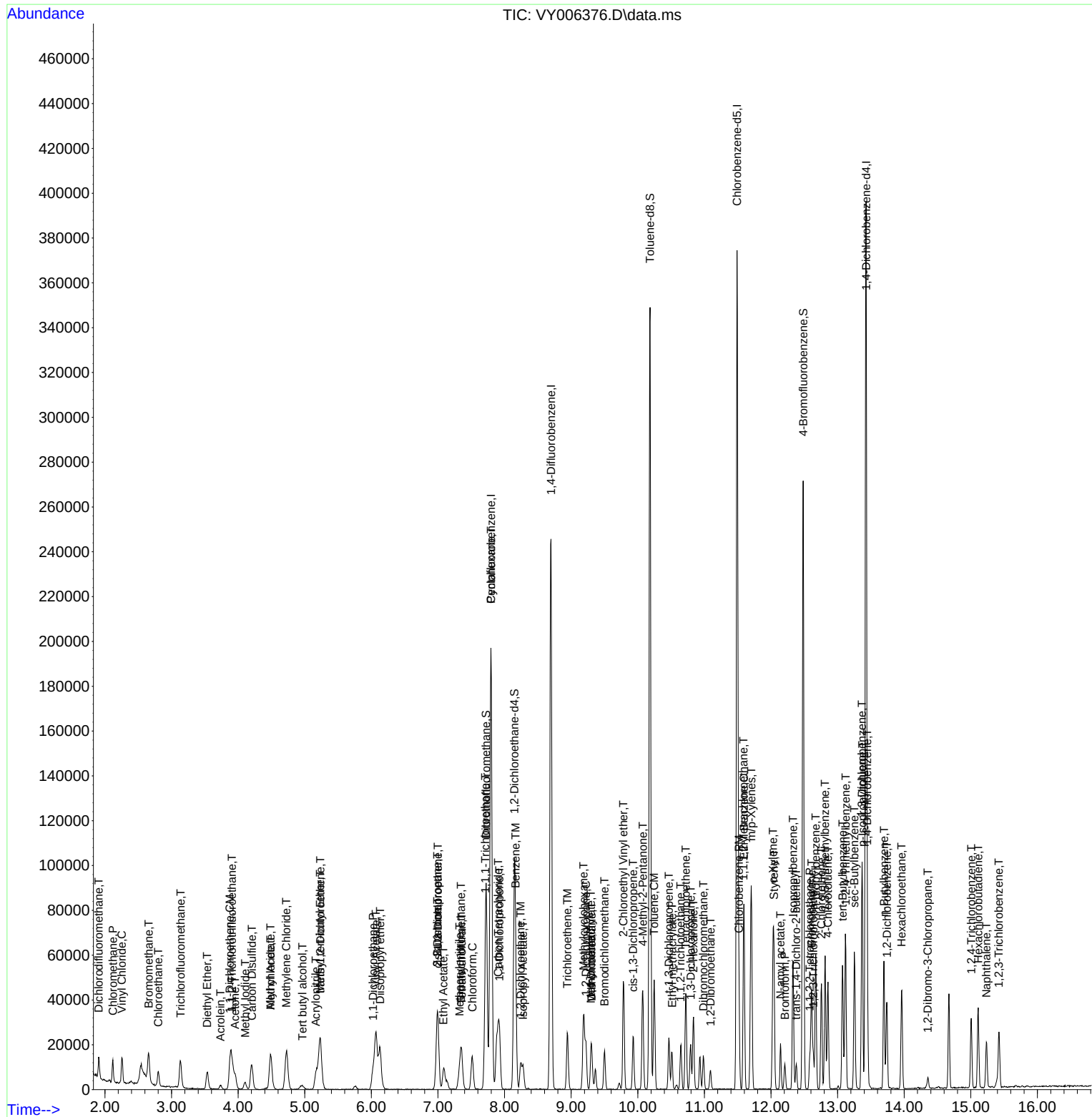
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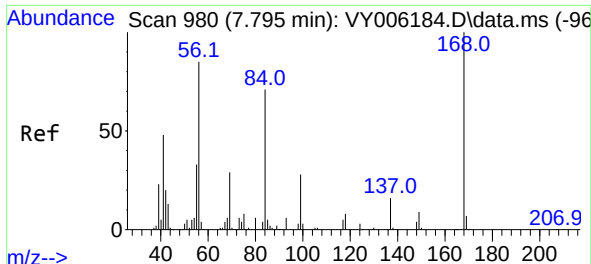
Instrument :
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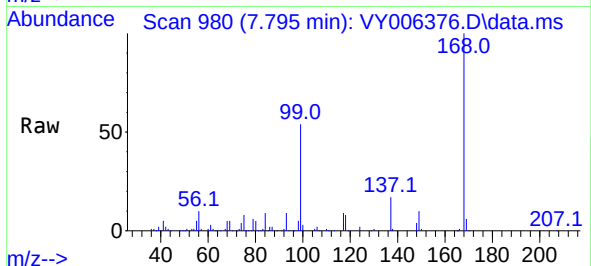
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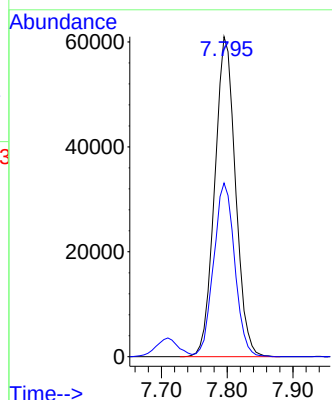
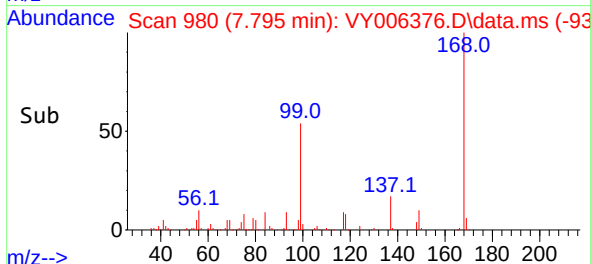




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006376.D
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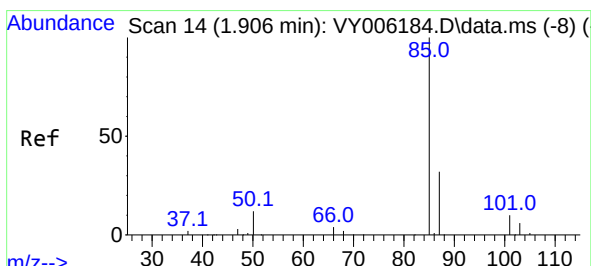
Tgt Ion: 168 Resp: 134084
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



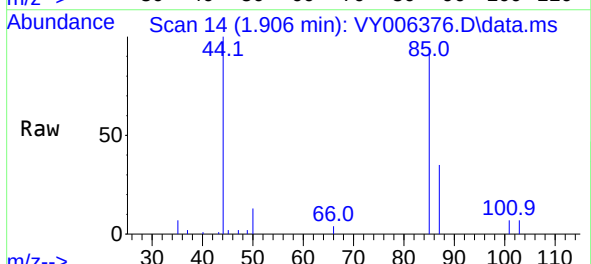
Instrument :
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ClientSampleId :
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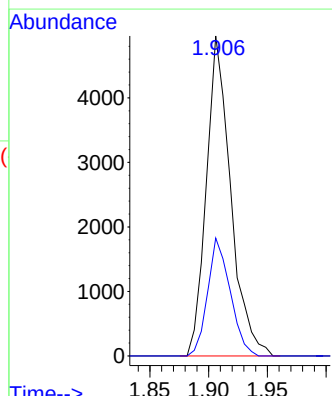
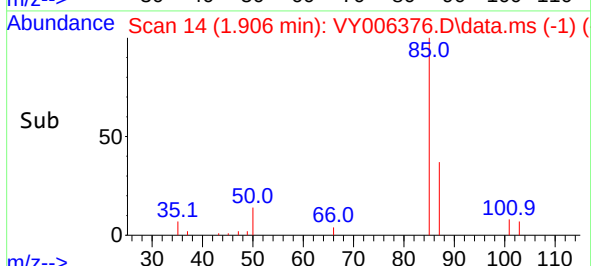
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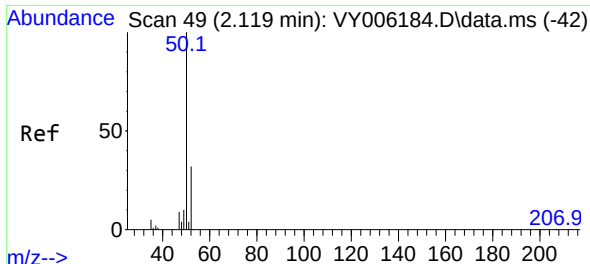


#2
Dichlorodifluoromethane
Concen: 5.249 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



Tgt Ion: 85 Resp: 7139
Ion Ratio Lower Upper
85 100
87 36.9 16.1 48.2





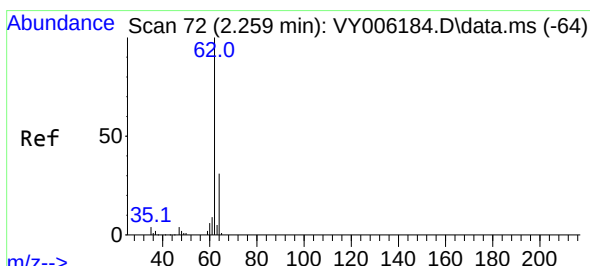
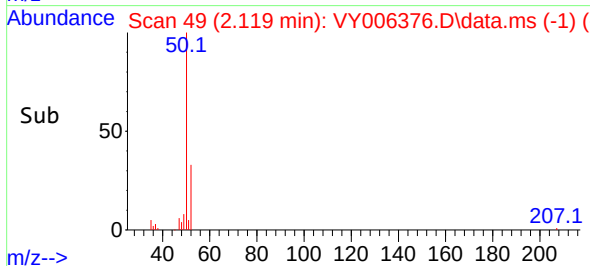
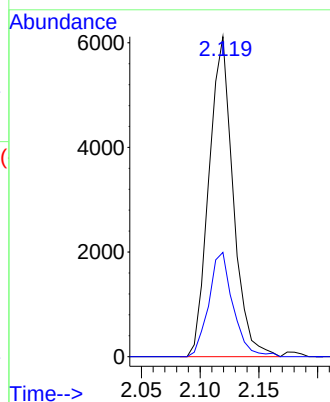
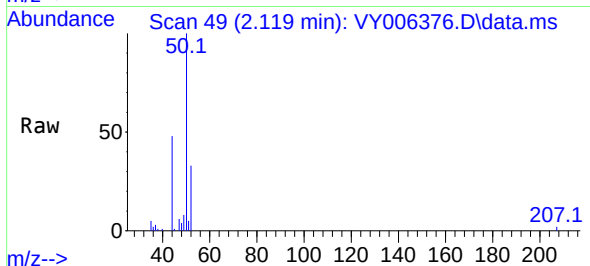
#3
Chloromethane
Concen: 5.520 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 50 Resp: 8745
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0

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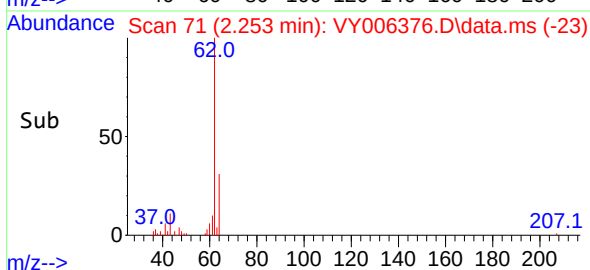
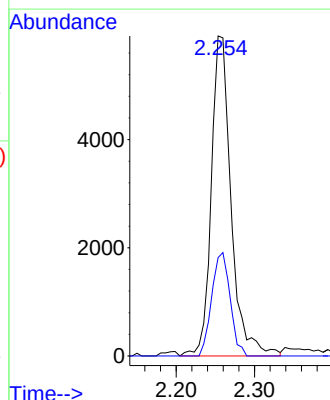
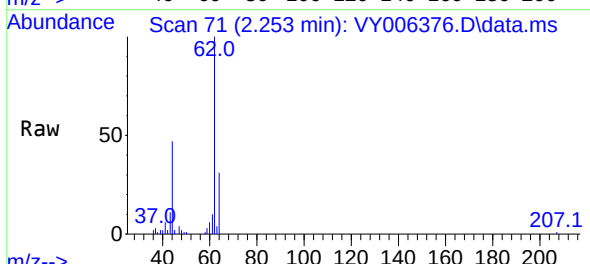
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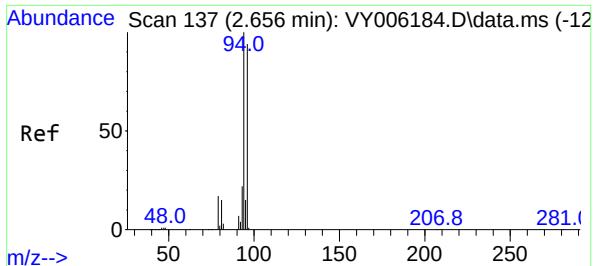
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#4
Vinyl Chloride
Concen: 5.920 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 62 Resp: 10393
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.6





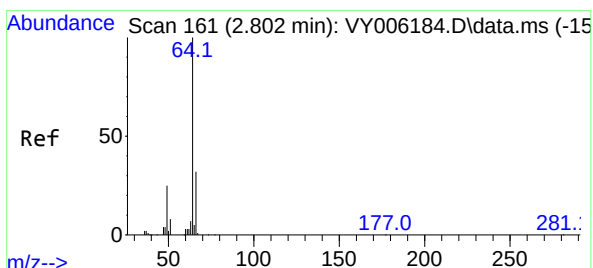
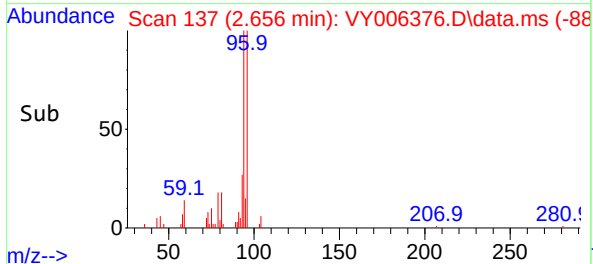
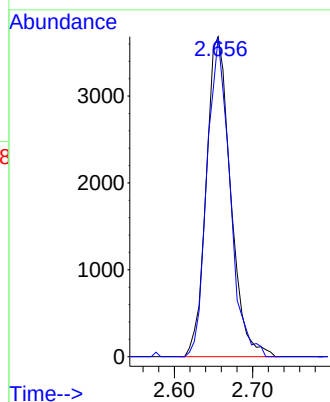
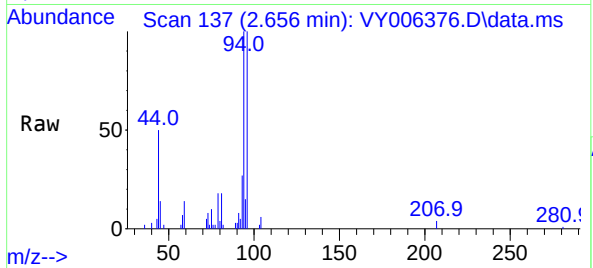
#5
Bromomethane
Concen: 6.975 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 94 Resp: 7959
Ion Ratio Lower Upper
94 100
96 99.8 73.5 110.3

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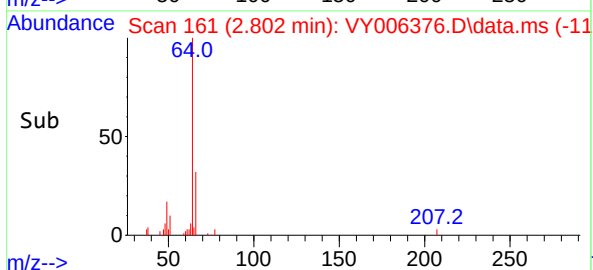
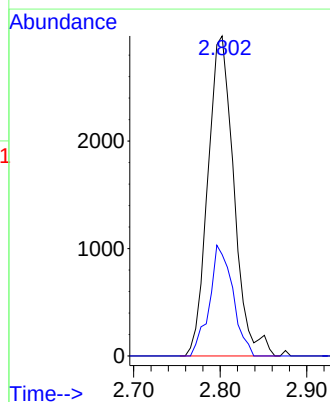
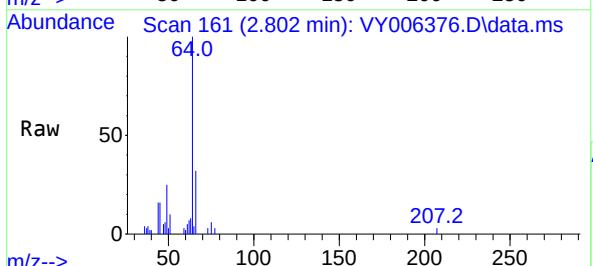
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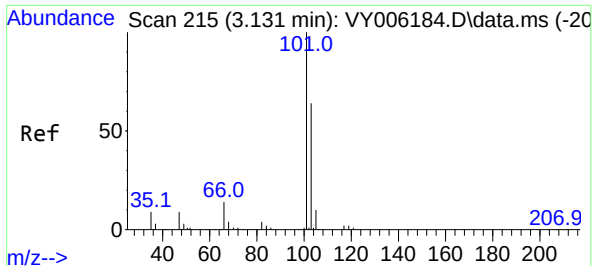
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#6
Chloroethane
Concen: 6.019 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

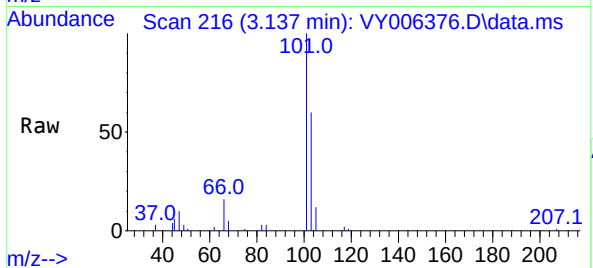
Tgt Ion: 64 Resp: 6218
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0





#7
Trichlorofluoromethane
Concen: 5.453 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

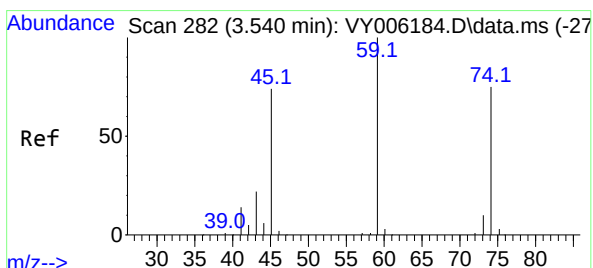
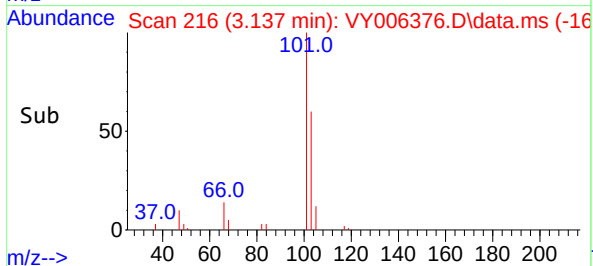
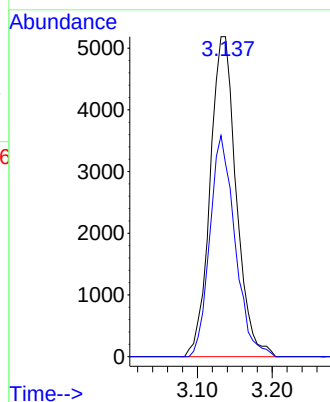
Instrument :
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Tgt Ion:101 Resp: 12610
Ion Ratio Lower Upper
101 100
103 60.4 48.0 72.0

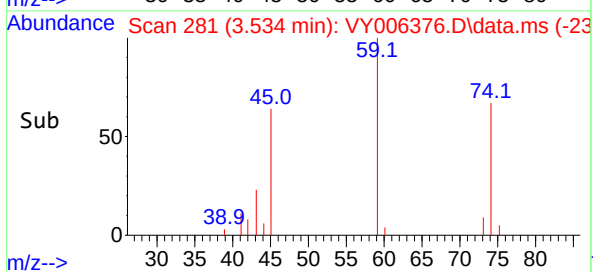
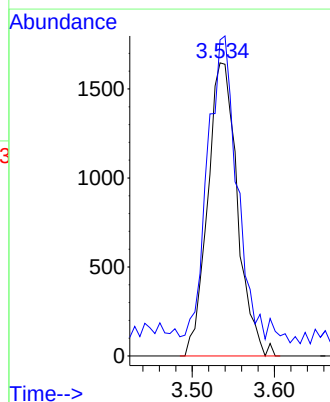
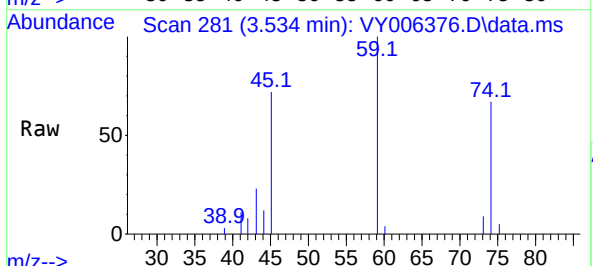
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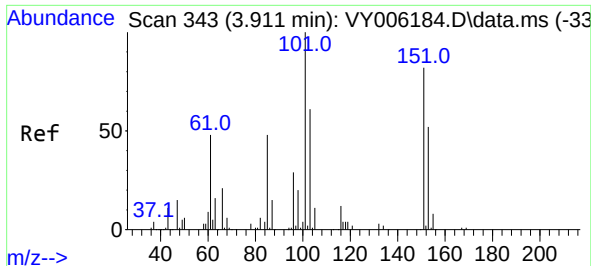
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#8
Diethyl Ether
Concen: 5.399 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 74 Resp: 4124
Ion Ratio Lower Upper
74 100
45 101.1 55.1 165.5





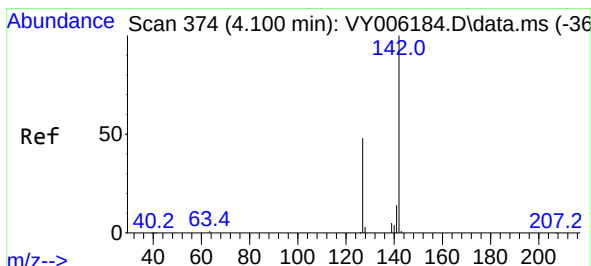
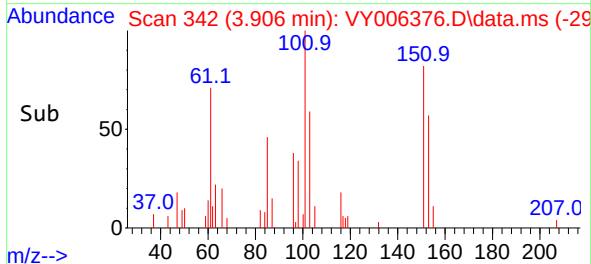
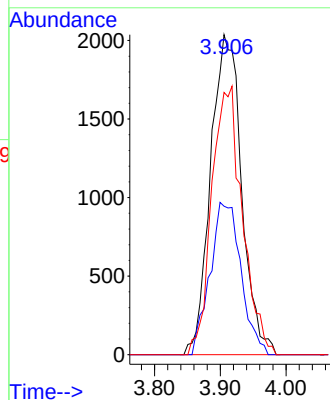
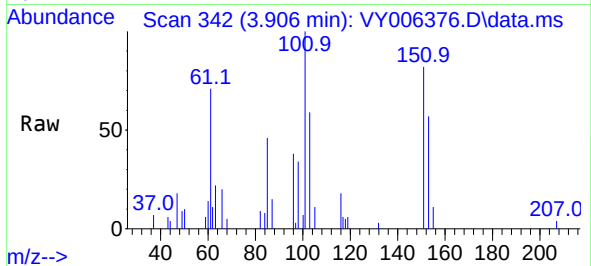
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.411 ug/l
RT: 3.906 min Scan# 342
Delta R.T. -0.005 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:	101	Resp:	6680
Ion	Ratio	Lower	Upper
101	100		
85	47.5	40.6	60.8
151	82.8	64.9	97.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

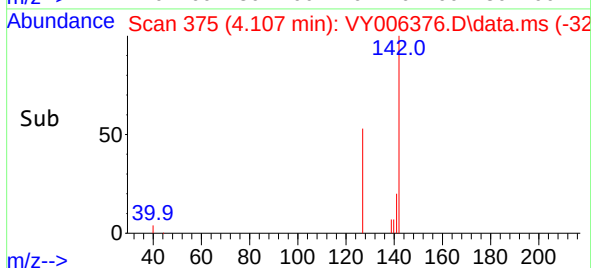
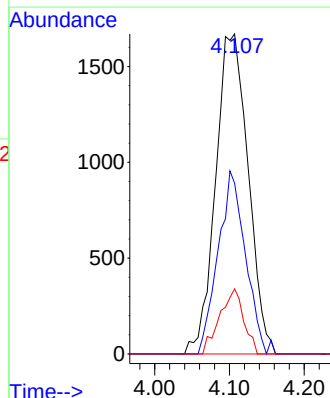
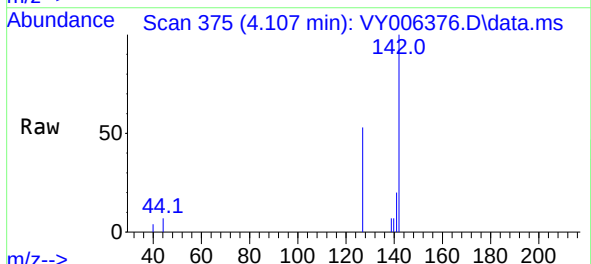
Manual Integrations
APPROVED

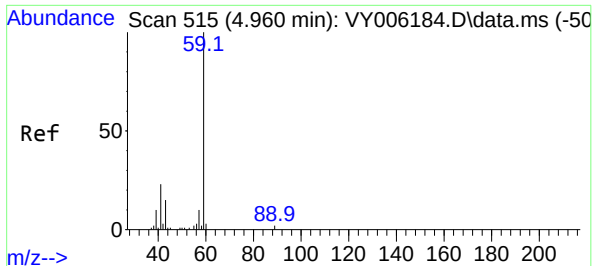
MMDadoda
10/15/2021 6:22:37 PM



#10
Methyl Iodide
Concen: 3.763 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.007 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:	142	Resp:	5063
Ion	Ratio	Lower	Upper
142	100		
127	48.2	41.5	62.3
141	15.0	11.9	17.9





#11

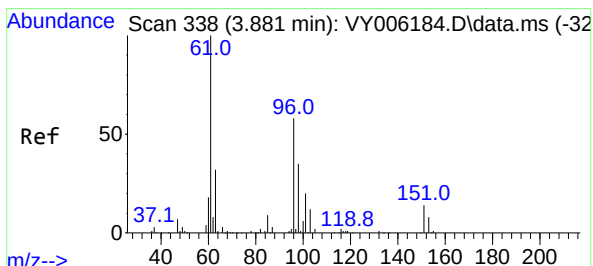
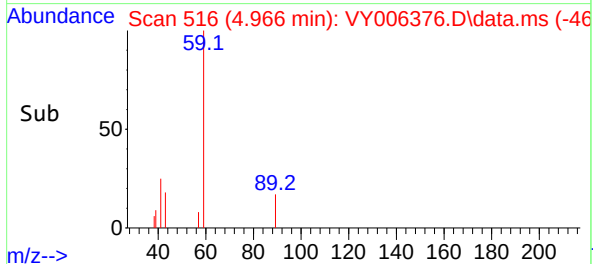
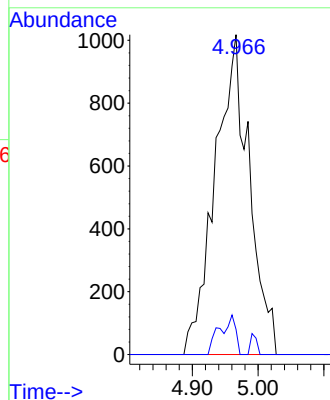
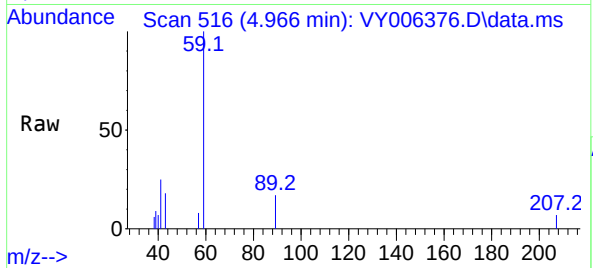
Tert butyl alcohol
Concen: 29.251 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 59 Resp: 3672
Ion Ratio Lower Upper
59 100
57 5.8 6.4 9.6#

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
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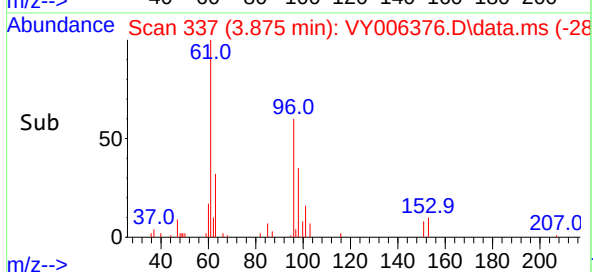
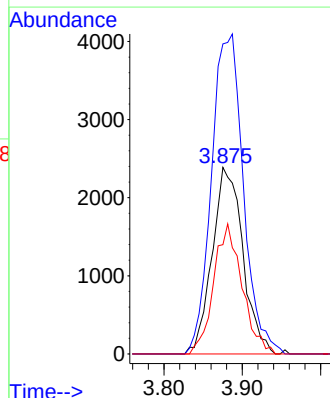
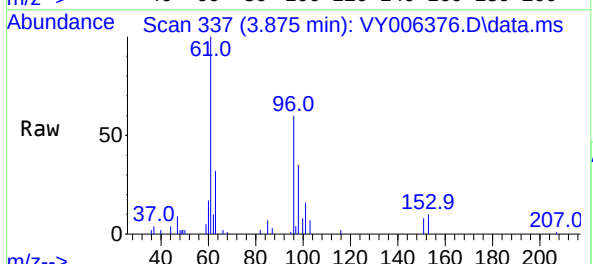
MMDadoda
10/15/2021 6:22:37 PM

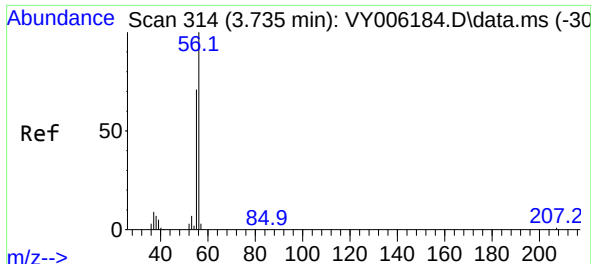


#12

1,1-Dichloroethene
Concen: 5.174 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

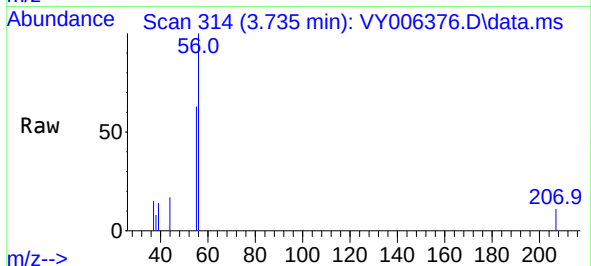
Tgt Ion: 96 Resp: 6497
Ion Ratio Lower Upper
96 100
61 166.3 145.8 218.6
98 58.6 52.5 78.7





#13
Acrolein
Concen: 24.193 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

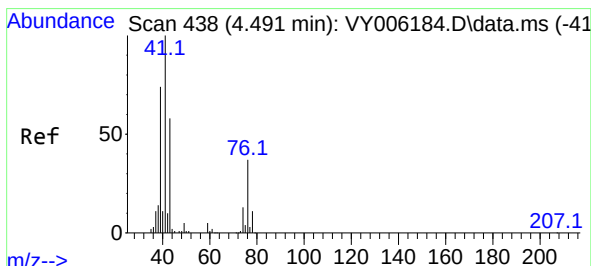
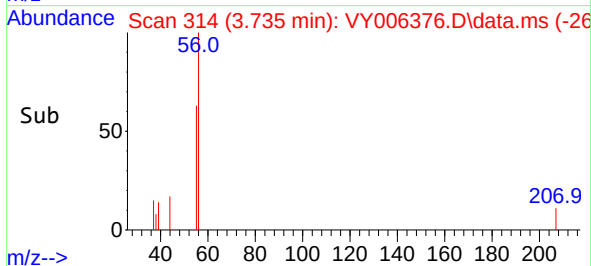
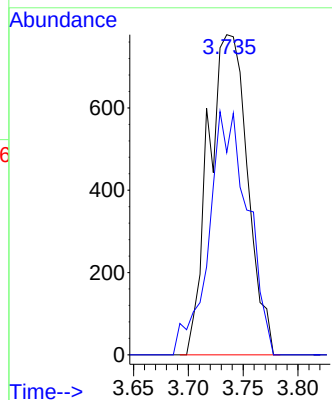
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
55 75.6 57.6 86.4

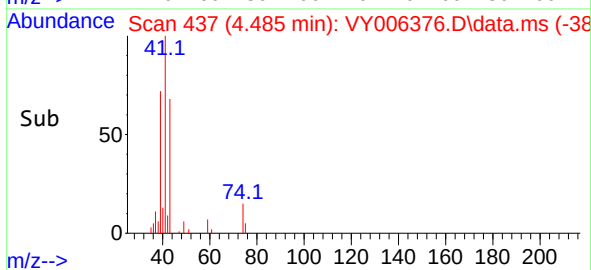
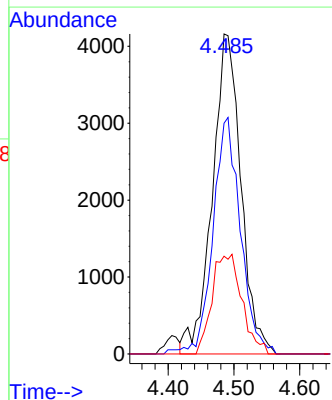
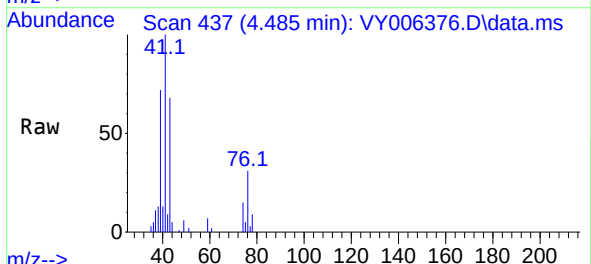
Manual Integrations
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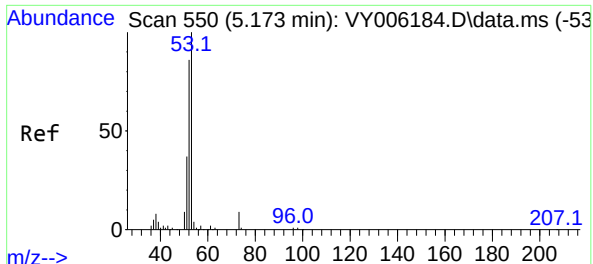
MMDadoda
10/15/2021 6:22:37 PM



#14
Allyl chloride
Concen: 5.212 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

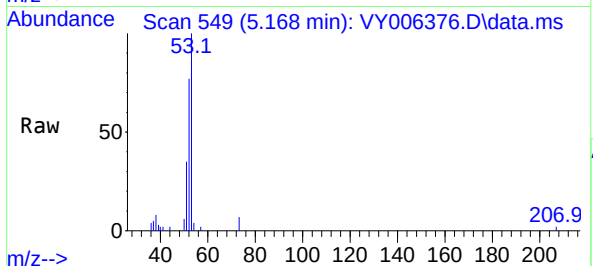
Tgt Ion: 41 Resp: 12587
Ion Ratio Lower Upper
41 100
39 71.0 58.8 88.2
76 32.5 25.1 37.7





#15
Acrylonitrile
Concen: 26.383 ug/l
RT: 5.168 min Scan# 549
Delta R.T. -0.005 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

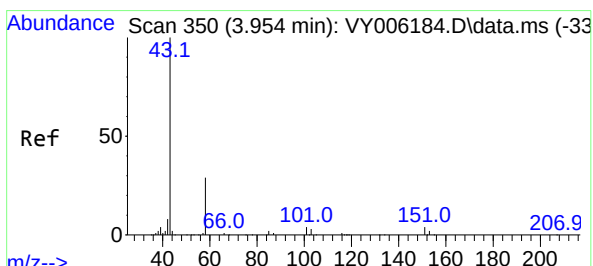
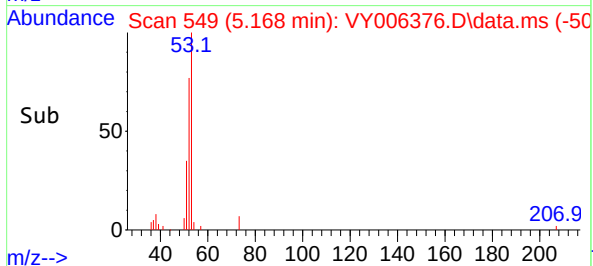
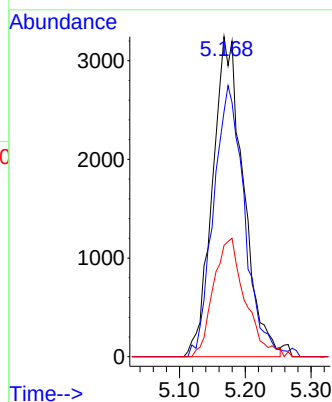
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 53 Resp: 10599
Ion Ratio Lower Upper
53 100
52 85.1 67.0 100.4
51 38.0 29.8 44.6

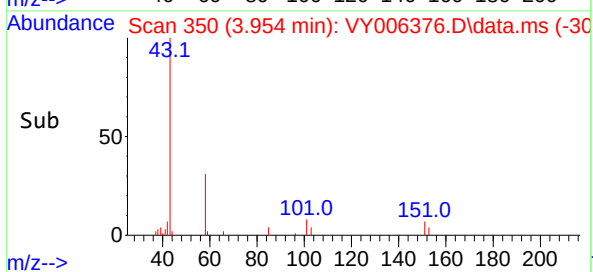
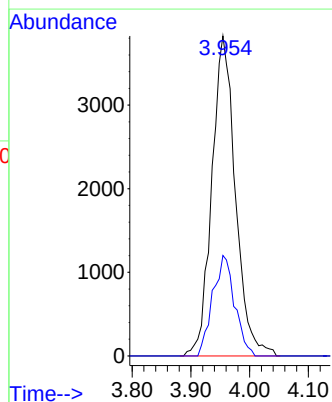
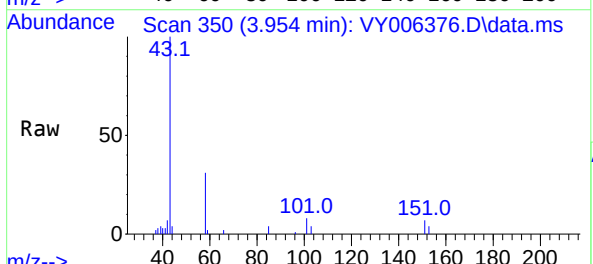
Manual Integrations
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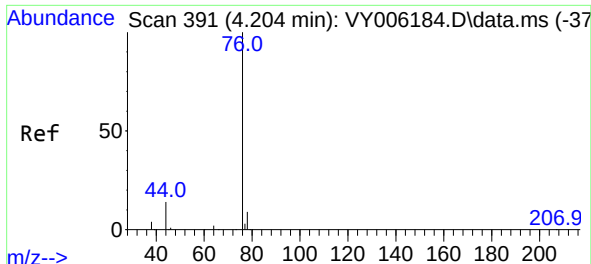
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#16
Acetone
Concen: 26.620 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

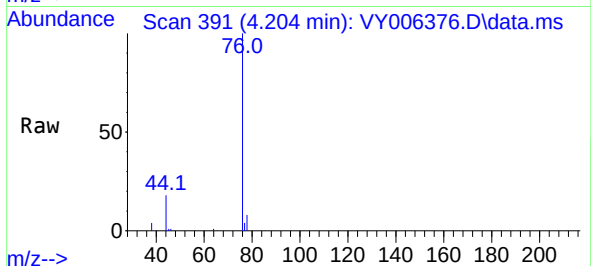
Tgt Ion: 43 Resp: 10670
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0



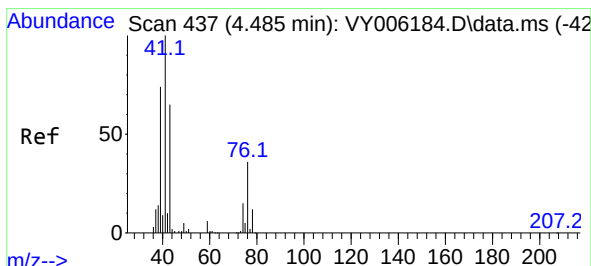
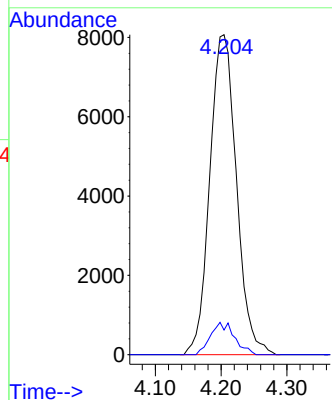
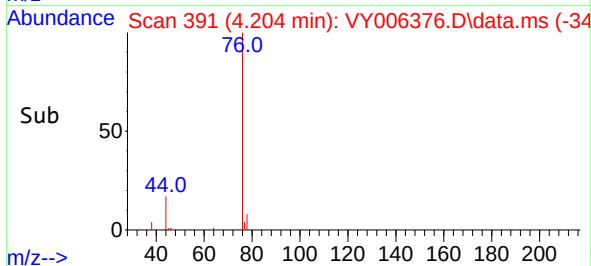


#17
Carbon Disulfide
Concen: 5.420 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

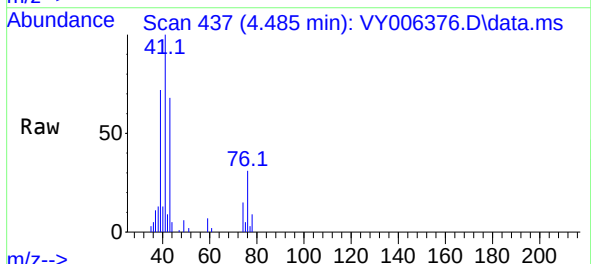
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



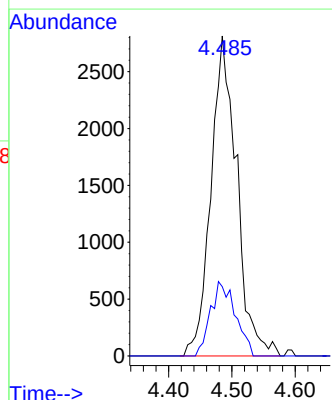
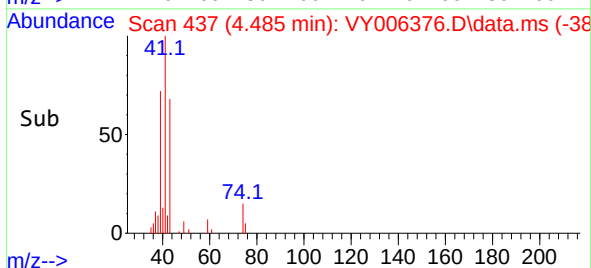
Tgt Ion: 76 Resp: 22766
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

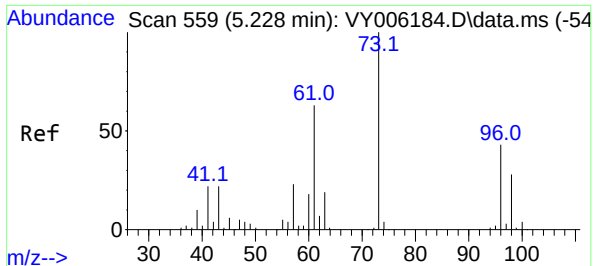


#18
Methyl Acetate
Concen: 5.904 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



Tgt Ion: 43 Resp: 7980
Ion Ratio Lower Upper
43 100
74 22.4 16.6 24.8





#19

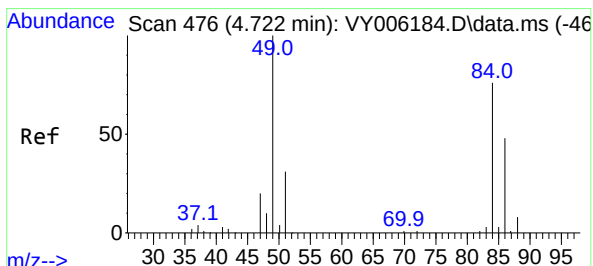
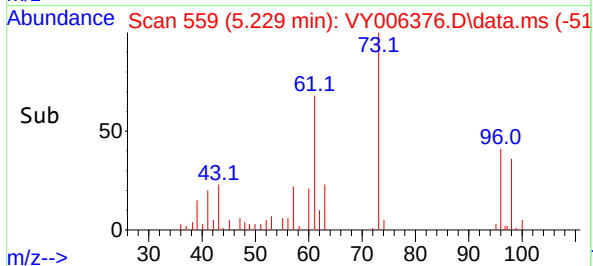
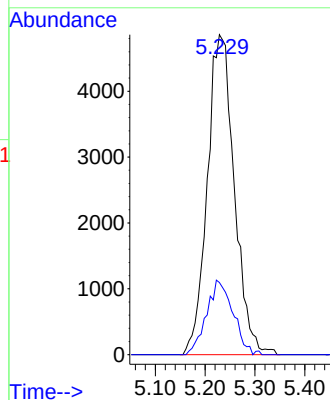
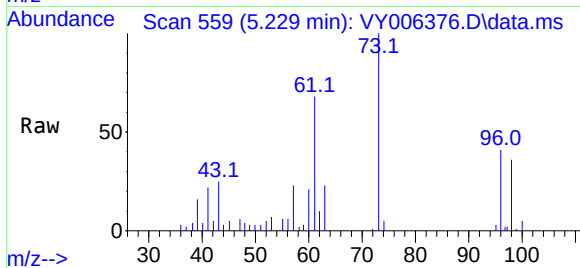
Methyl tert-butyl Ether
Concen: 4.991 ug/l
RT: 5.229 min Scan# 559
Delta R.T. 0.001 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 73 Resp: 18305
Ion Ratio Lower Upper
73 100
57 22.5 18.6 27.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
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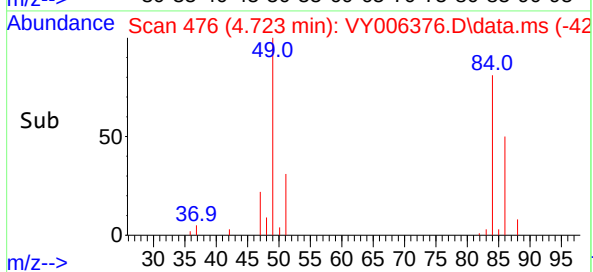
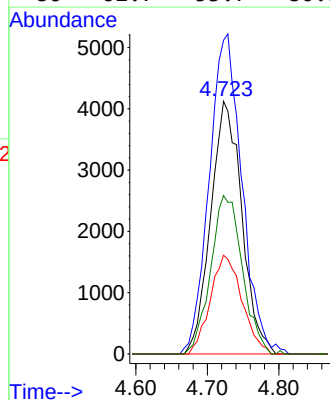
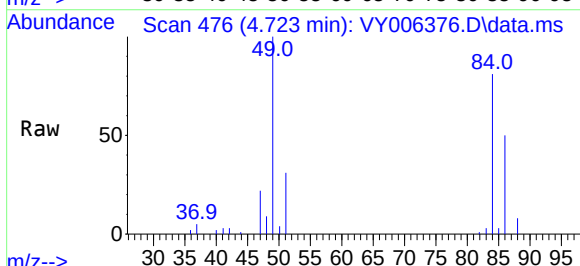
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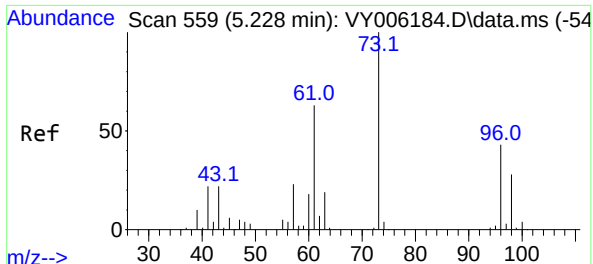


#20

Methylene Chloride
Concen: 7.983 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 84 Resp: 12453
Ion Ratio Lower Upper
84 100
49 124.2 114.4 171.6
51 39.0 35.3 52.9
86 62.7 53.7 80.5





#21

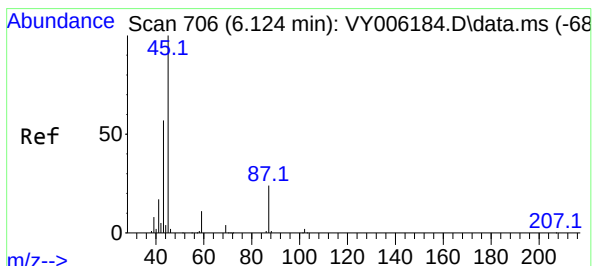
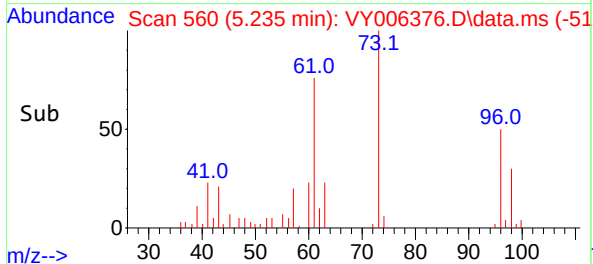
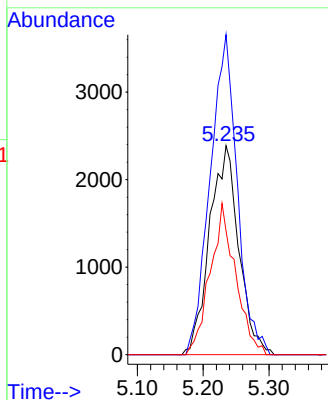
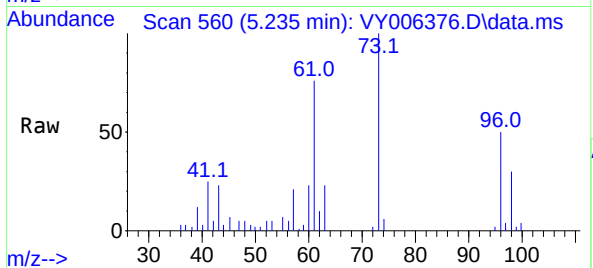
trans-1,2-Dichloroethene
Concen: 5.301 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.007 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 96 Resp: 7381
Ion Ratio Lower Upper
96 100
61 153.1 120.5 180.7
98 59.3 49.8 74.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
APPROVED

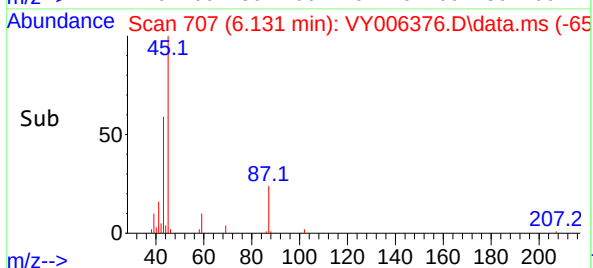
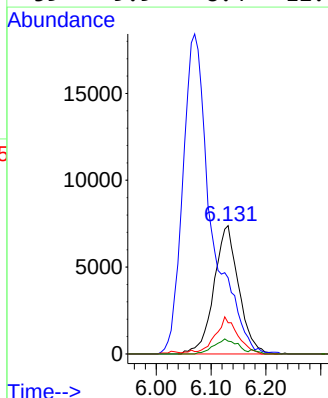
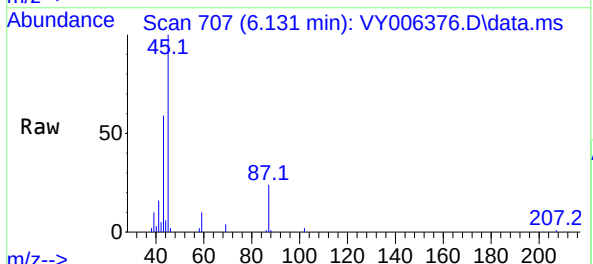
MMDadoda
10/15/2021 6:22:37 PM

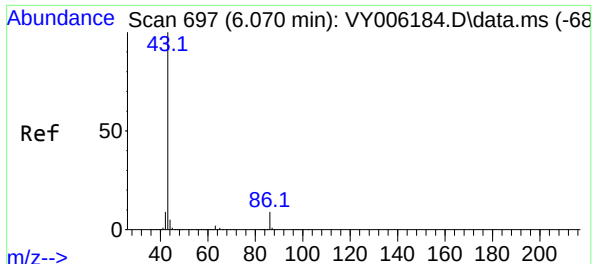


#22

Diisopropyl ether
Concen: 4.847 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 45 Resp: 23157
Ion Ratio Lower Upper
45 100
43 58.2 49.3 73.9
87 24.3 19.2 28.8
59 9.9 8.4 12.6





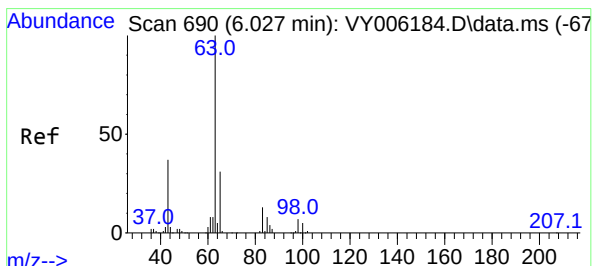
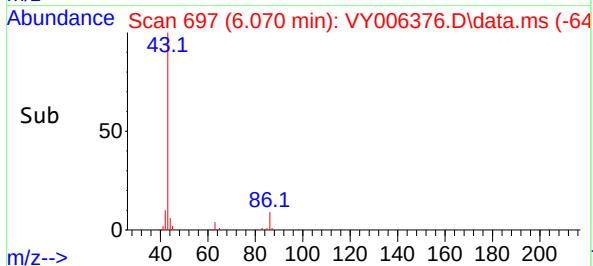
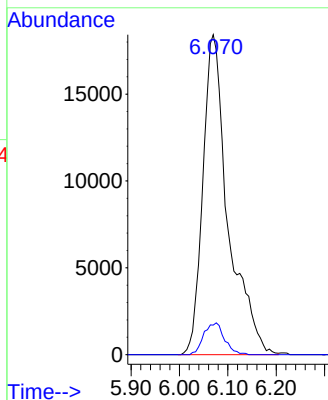
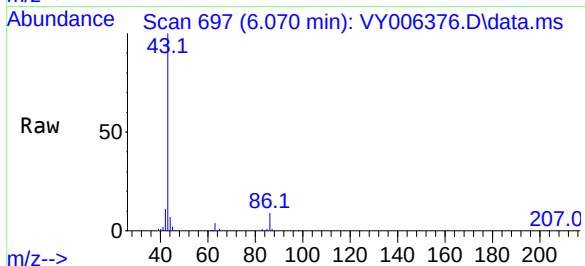
#23
 Vinyl Acetate
 Concen: 23.360 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006376.D
 Acq: 12 Oct 2021 13:03

Tgt Ion: 43 Resp: 66898
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.1 10.7

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

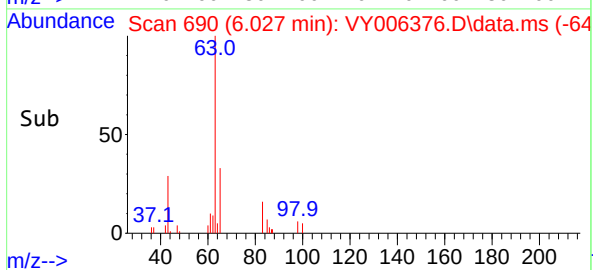
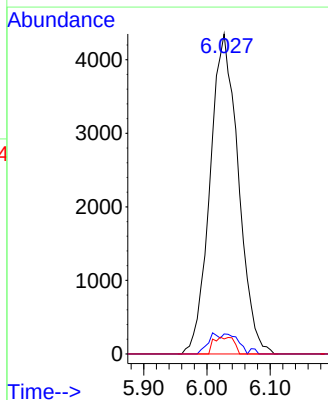
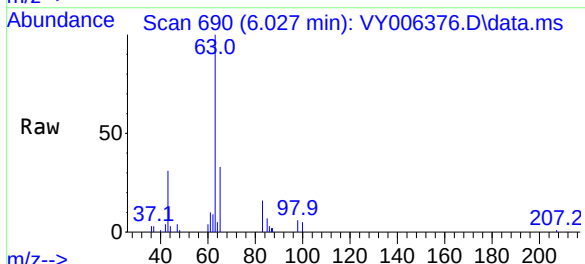
Manual Integrations
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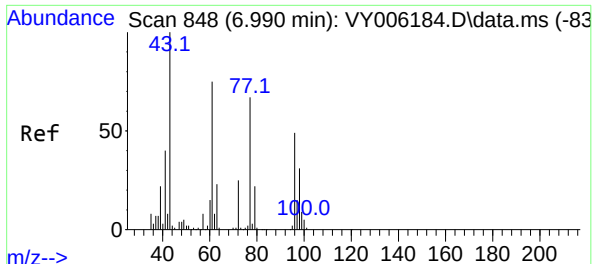
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#24
 1,1-Dichloroethane
 Concen: 5.282 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY006376.D
 Acq: 12 Oct 2021 13:03

Tgt Ion: 63 Resp: 13547
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.8
 100 4.7 2.0 5.8





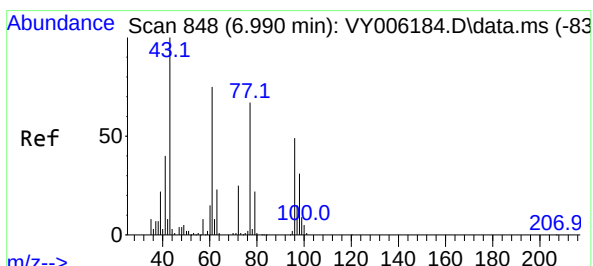
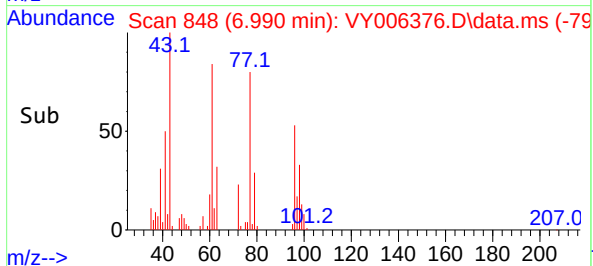
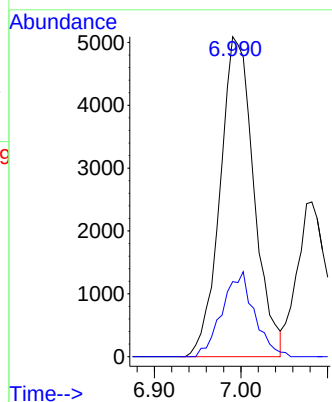
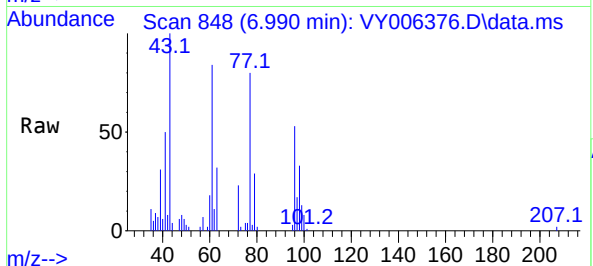
#25
2-Butanone
Concen: 24.718 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 43 Resp: 13801
Ion Ratio Lower Upper
43 100
72 23.4 17.7 26.5

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

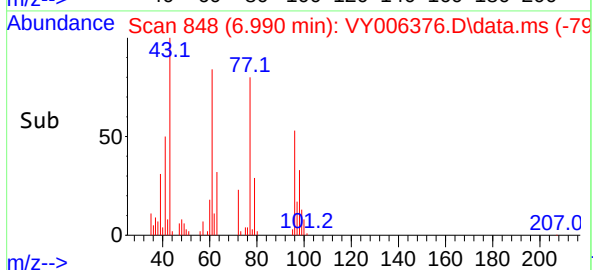
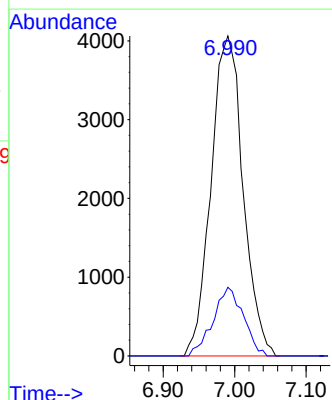
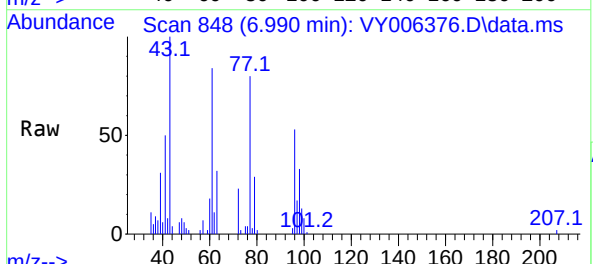
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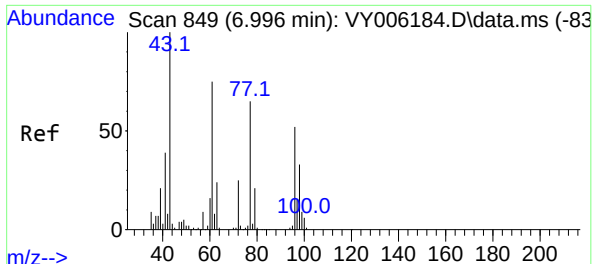
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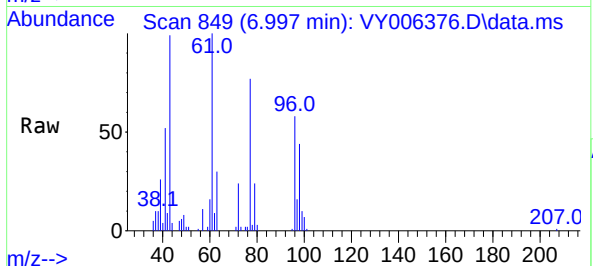
#26
2,2-Dichloropropane
Concen: 5.383 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 77 Resp: 12627
Ion Ratio Lower Upper
77 100
97 20.3 10.4 31.4

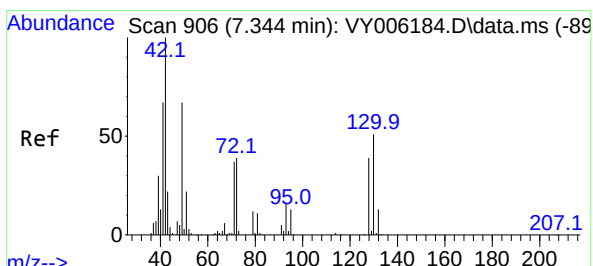
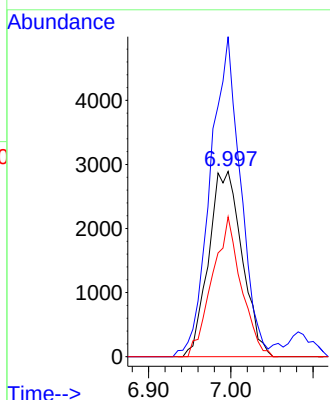
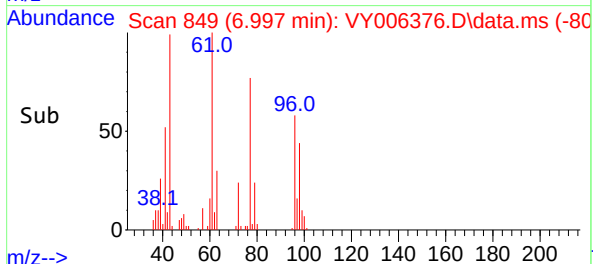




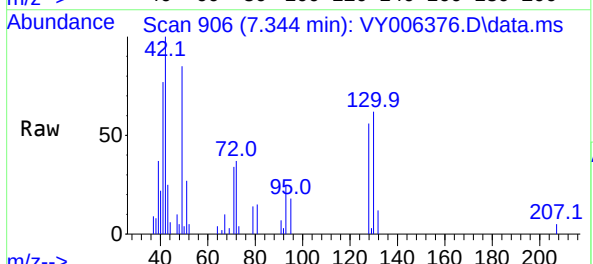
#27
cis-1,2-Dichloroethene
Concen: 5.243 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



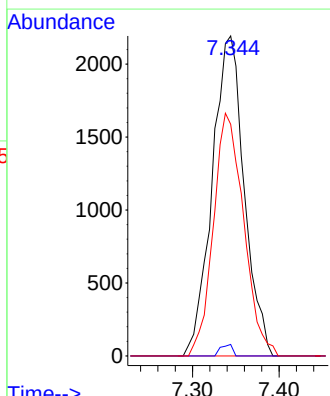
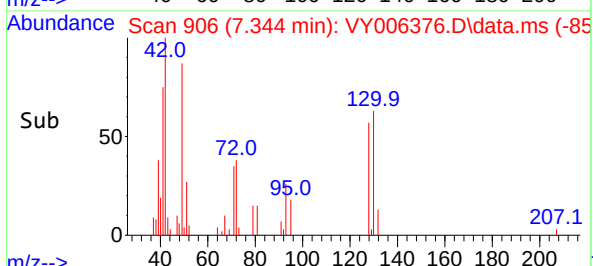
Tgt Ion: 96 Resp: 8175
Ion Ratio Lower Upper
96 100
61 156.1 0.0 319.8
98 65.2 0.0 127.0



#28
Bromochloromethane
Concen: 5.277 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



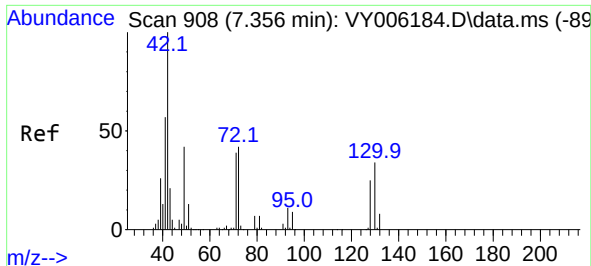
Tgt Ion: 49 Resp: 5636
Ion Ratio Lower Upper
49 100
129 1.3 0.0 2.2
130 71.7 55.4 83.0



Instrument :
MSVOA_Y
ClientSampleId :
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#29

Tetrahydrofuran

Concen: 25.168 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006376.D

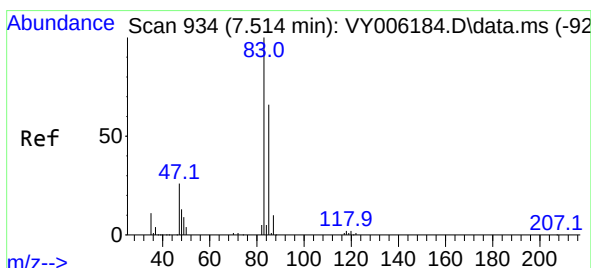
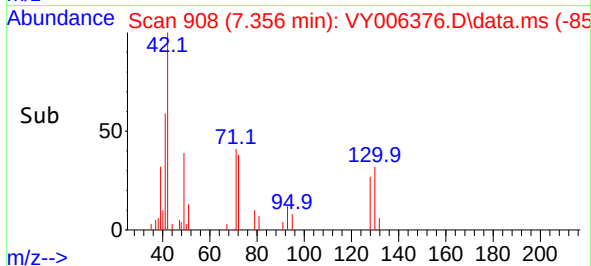
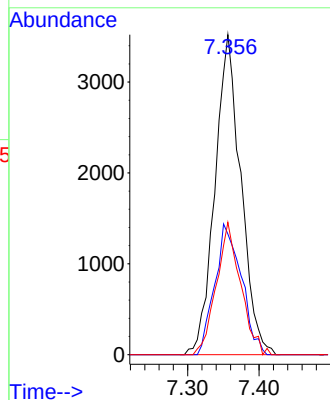
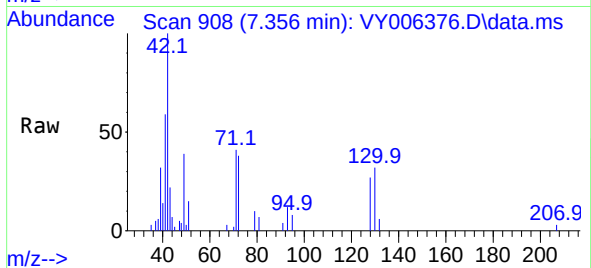
Acq: 12 Oct 2021 13:03

Tgt Ion:	42	Resp:	8876
Ion	Ratio	Lower	Upper
42	100		
72	41.8	30.3	45.5
71	38.7	29.0	43.4

Instrument :
MSVOA_Y
ClientSampleId :
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#30

Chloroform

Concen: 5.522 ug/l

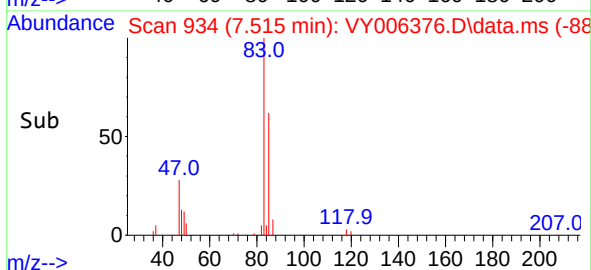
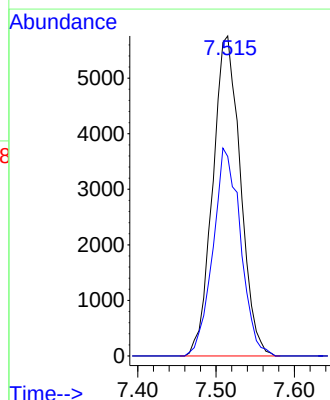
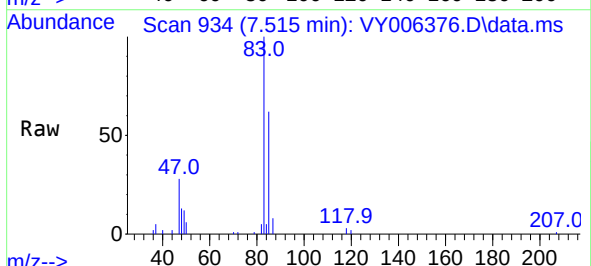
RT: 7.515 min Scan# 934

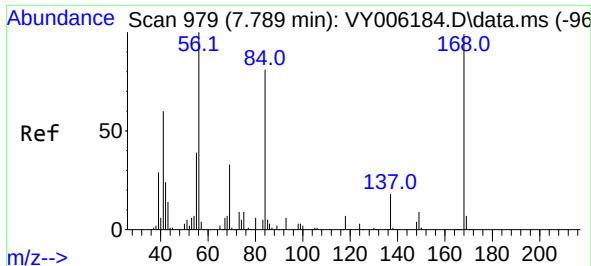
Delta R.T. 0.000 min

Lab File: VY006376.D

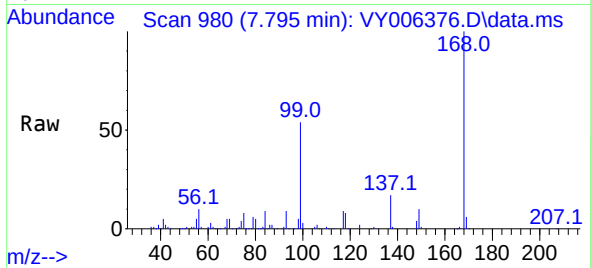
Acq: 12 Oct 2021 13:03

Tgt Ion:	83	Resp:	14128
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.8	77.6

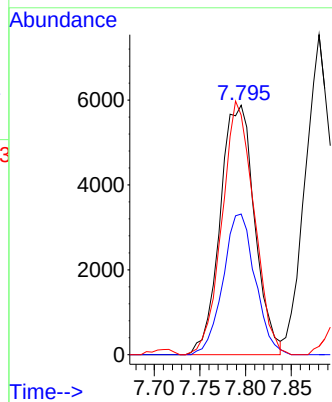
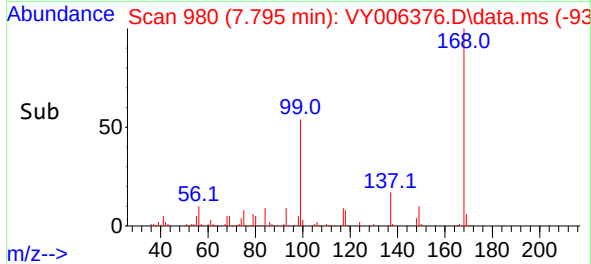




#31
Cyclohexane
Concen: 5.685 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



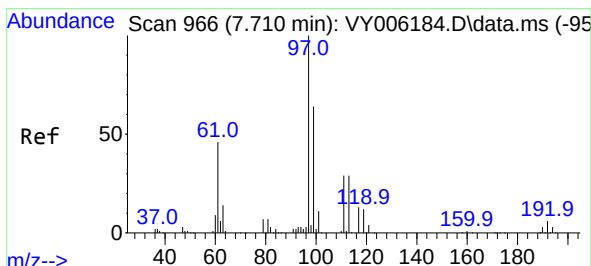
Tgt Ion: 56 Resp: 15456
Ion Ratio Lower Upper
56 100
69 56.4 26.7 40.1#
84 96.0 67.2 100.8



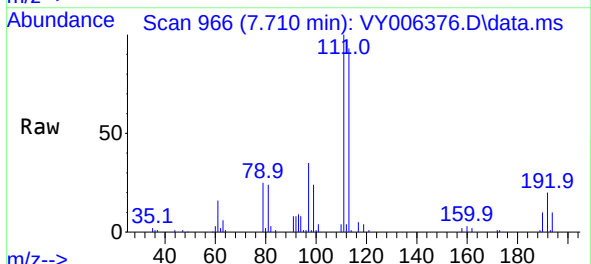
Instrument :
MSVOA_Y
ClientSampleId :
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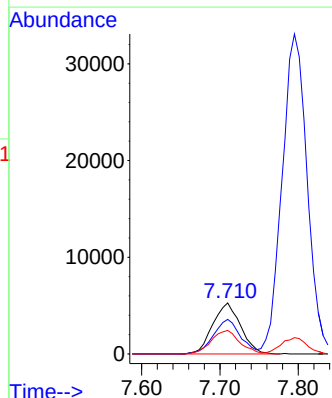
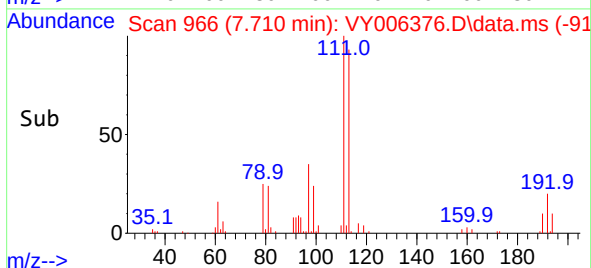
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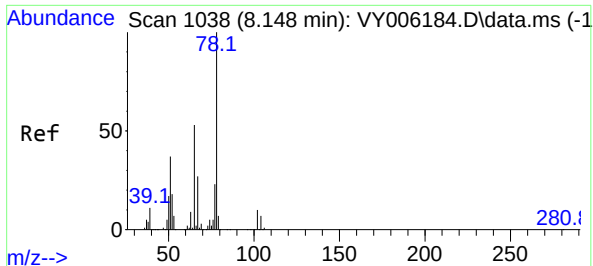


#32
1,1,1-Trichloroethane
Concen: 5.494 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



Tgt Ion: 97 Resp: 12979
Ion Ratio Lower Upper
97 100
99 65.6 50.7 76.1
61 47.1 37.6 56.4





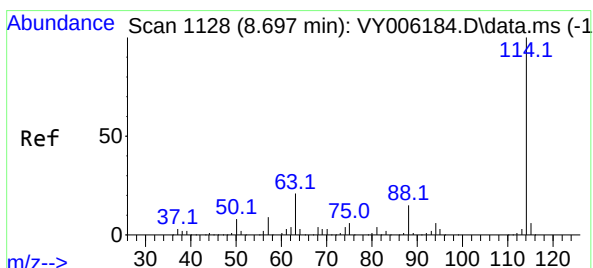
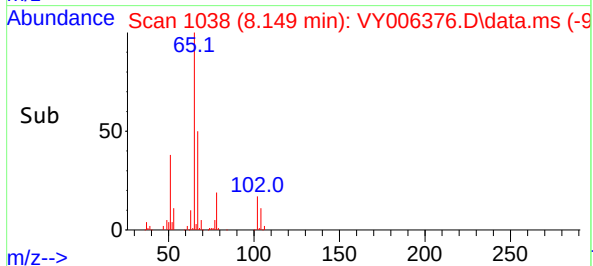
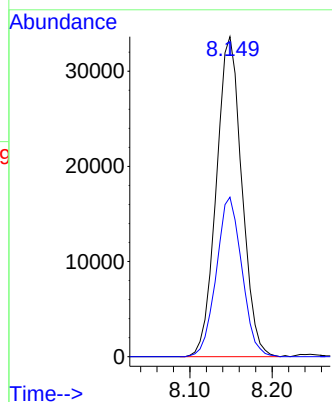
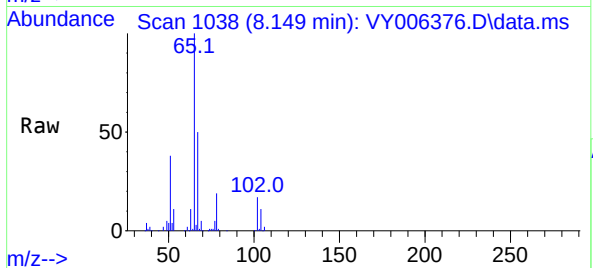
#33
1,2-Dichloroethane-d4
Concen: 50.490 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 65 Resp: 72458
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4

Instrument :
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ClientSampleId :
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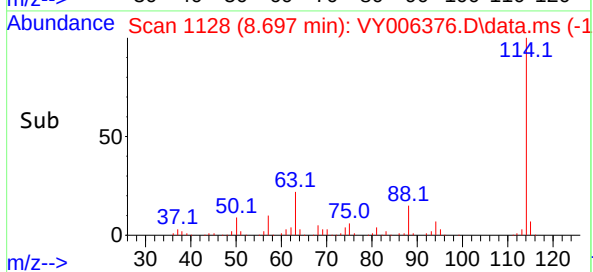
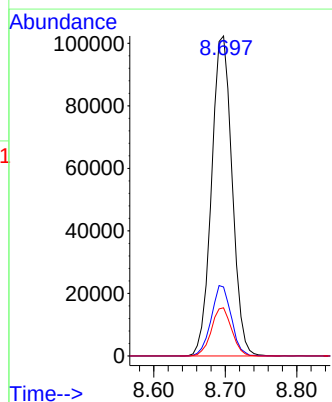
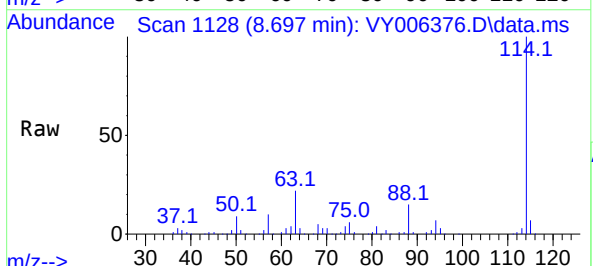
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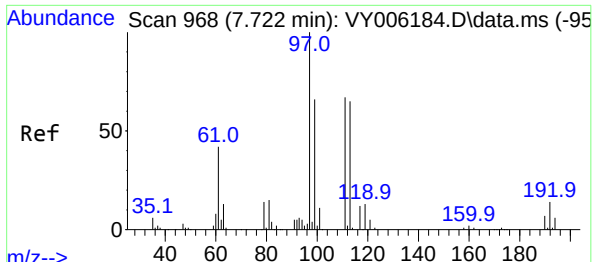
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 114 Resp: 203937
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.1 0.0 31.8





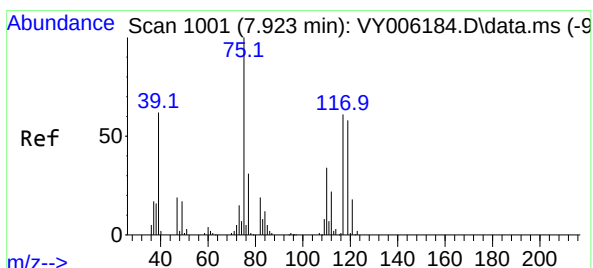
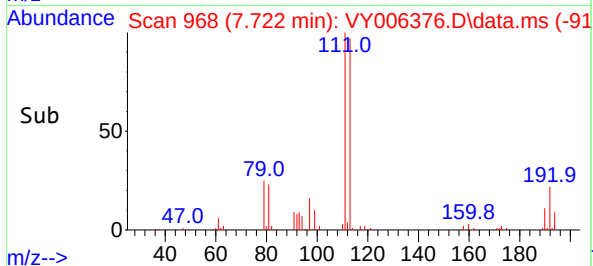
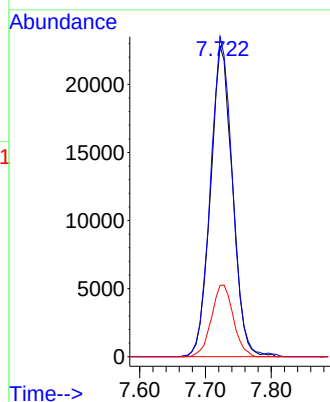
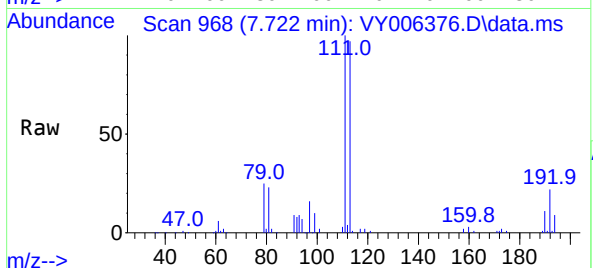
#35
Dibromofluoromethane
Concen: 48.617 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:	113	Resp:	52971
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	23.0	17.6	26.4

Instrument :
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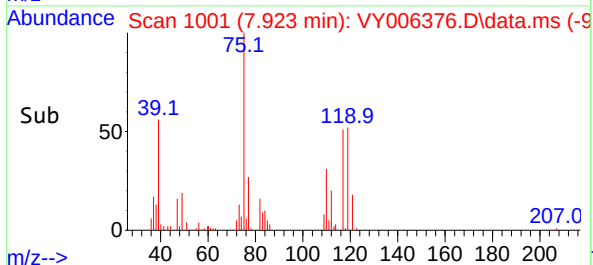
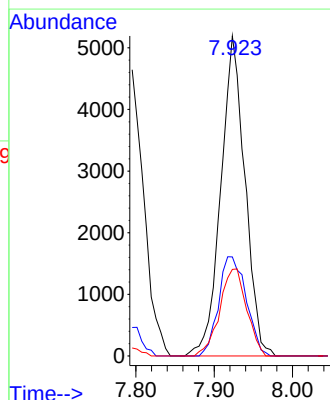
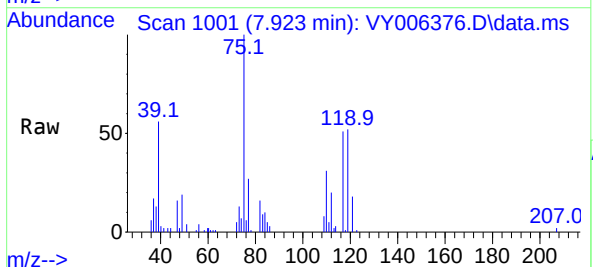
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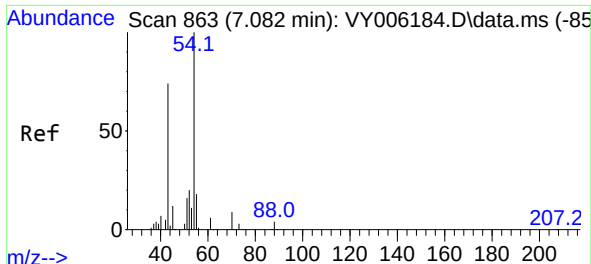
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#36
1,1-Dichloropropene
Concen: 5.491 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

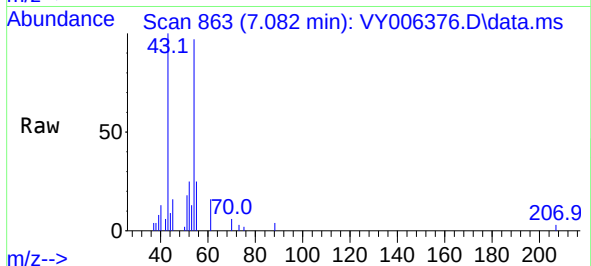
Tgt Ion:	75	Resp:	11141
Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.1	51.2
77	30.3	24.4	36.6





#37
Ethyl Acetate
Concen: 5.258 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

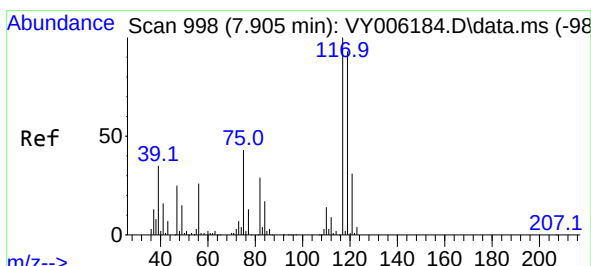
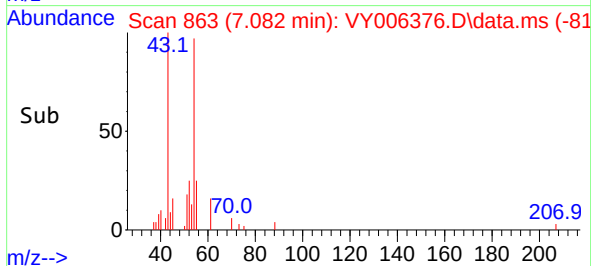
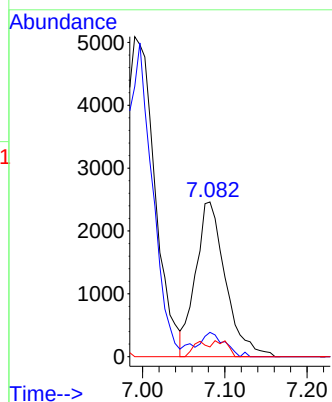
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 43 Resp: 6215
Ion Ratio Lower Upper
43 100
61 11.9 9.7 14.5
70 5.0 7.1 10.7#

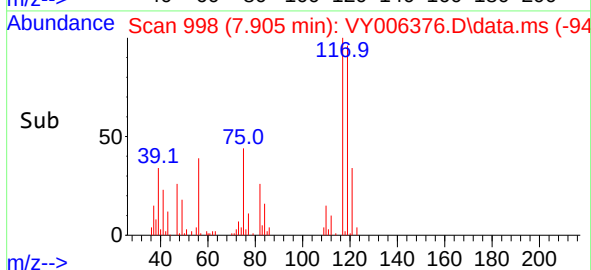
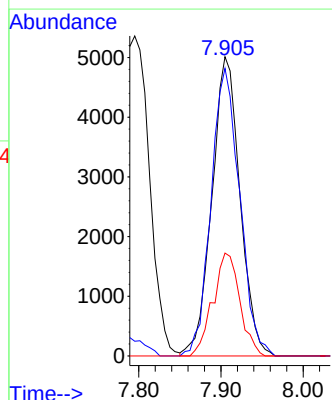
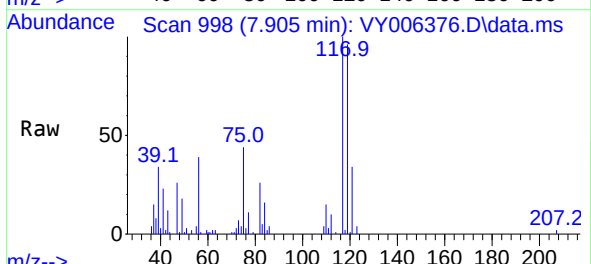
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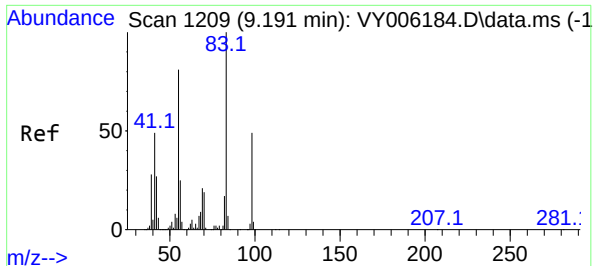
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#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 117 Resp: 11910
Ion Ratio Lower Upper
117 100
119 96.1 77.9 116.9
121 34.4 24.8 37.2





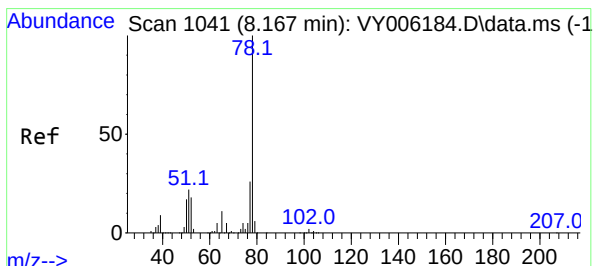
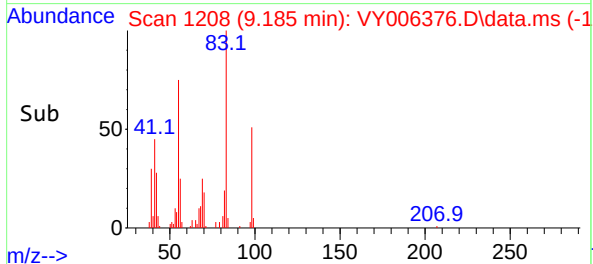
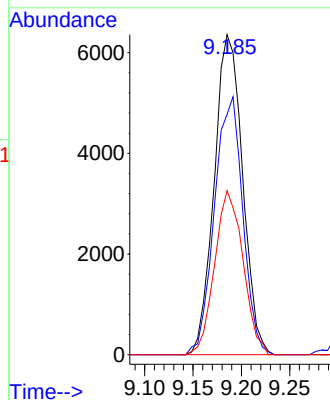
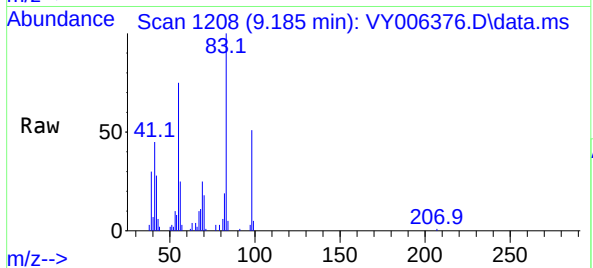
#39
Methylcyclohexane
Concen: 5.089 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 83 Resp: 12969
Ion Ratio Lower Upper
83 100
55 75.1 66.5 99.7
98 51.3 37.9 56.9

Instrument :
MSVOA_Y
ClientSampleId :
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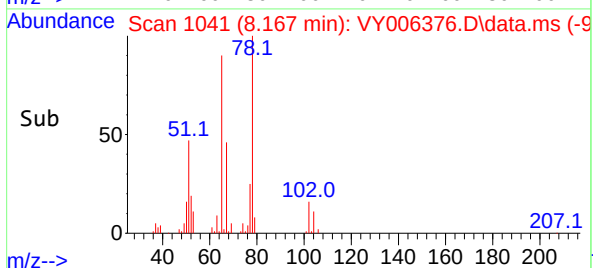
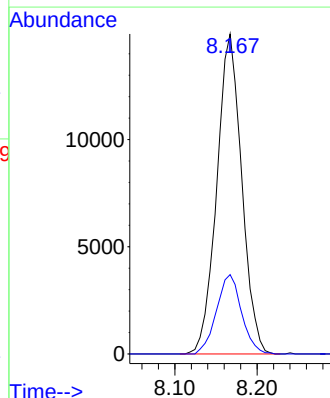
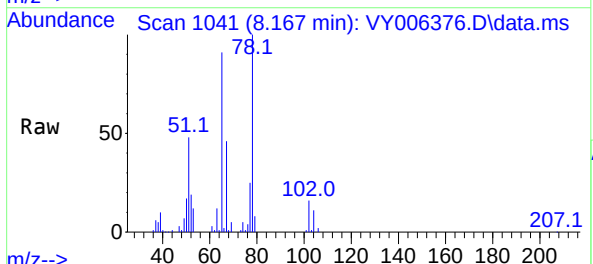
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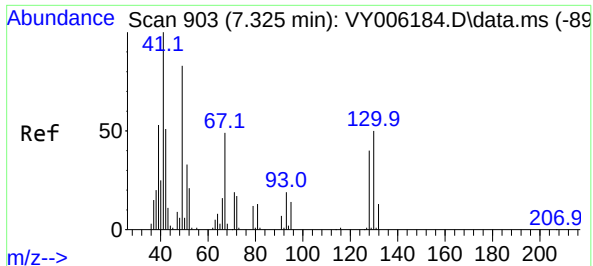
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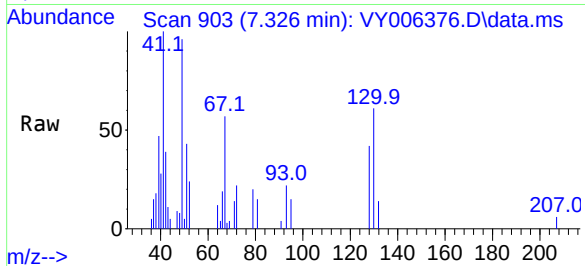
#40
Benzene
Concen: 5.463 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 78 Resp: 31446
Ion Ratio Lower Upper
78 100
77 24.8 20.4 30.6

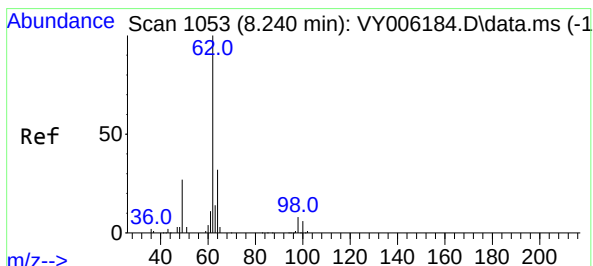
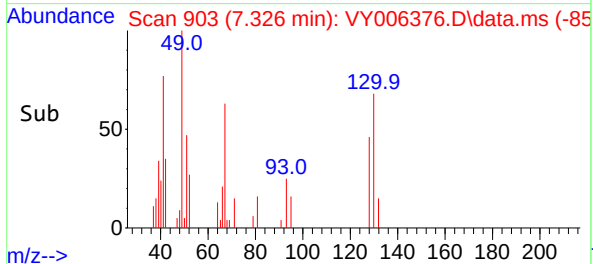
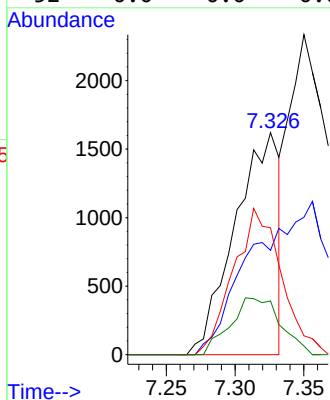




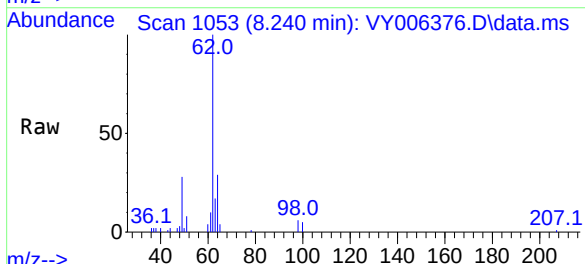
#41
Methacrylonitrile
Concen: 4.781 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



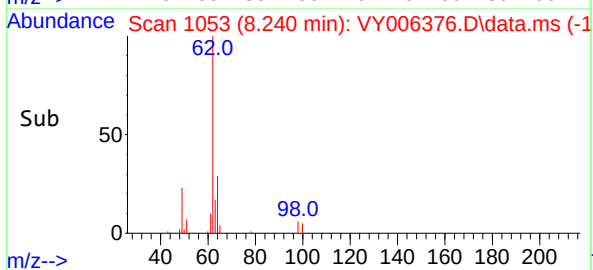
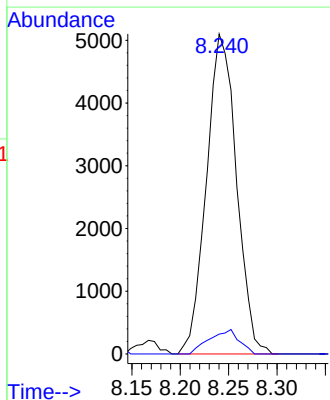
Tgt Ion: 41 Resp: 3666
Ion Ratio Lower Upper
41 100
39 125.1 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.944 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



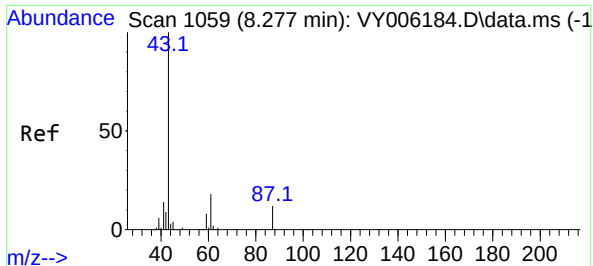
Tgt Ion: 62 Resp: 11025
Ion Ratio Lower Upper
62 100
98 7.5 0.0 14.8



Instrument :
MSVOA_Y
ClientSampleId :
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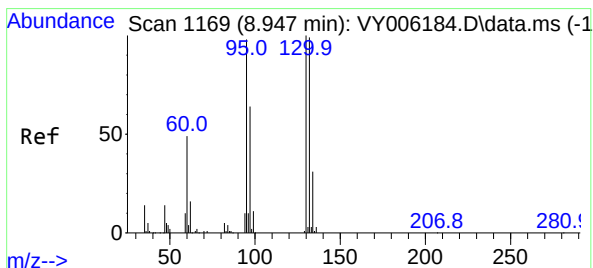
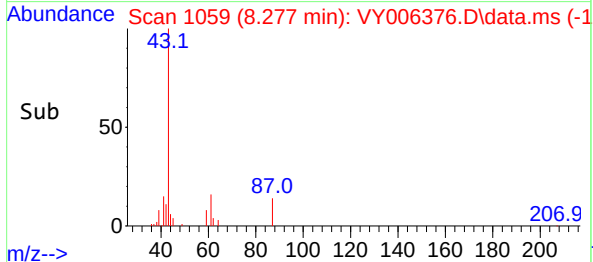
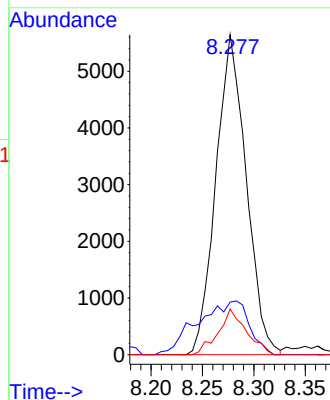
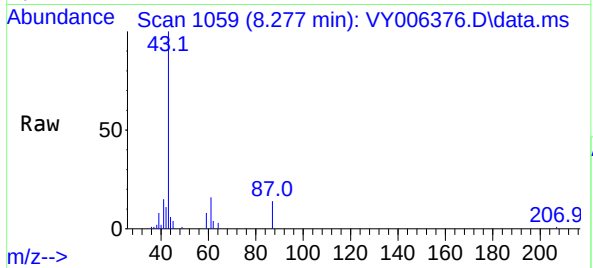
#43
Isopropyl Acetate
Concen: 5.111 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:	43	Resp:	11587
Ion	Ratio	Lower	Upper
43	100		
61	28.5	20.2	30.2
87	13.3	8.9	13.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

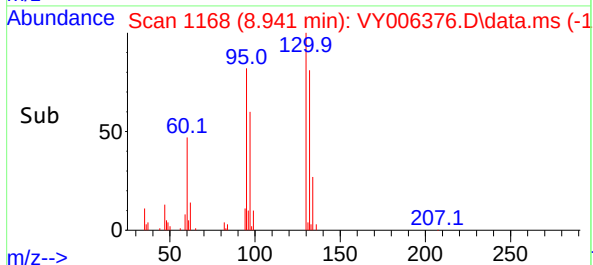
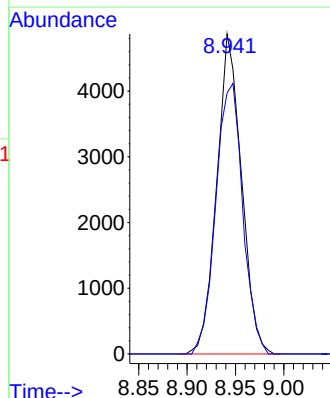
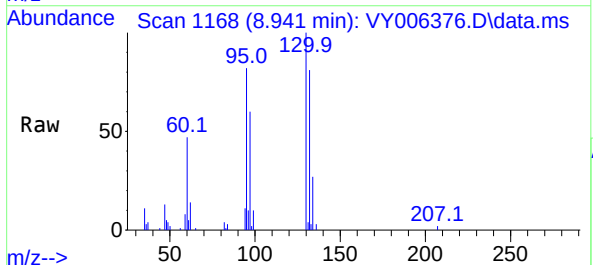
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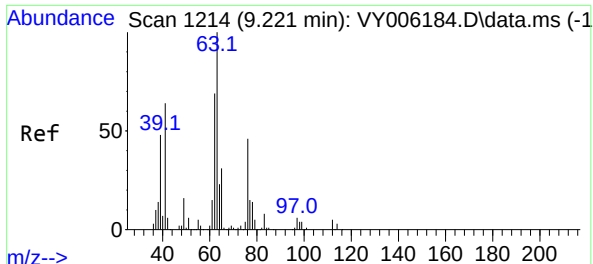
MMDadoda
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#44
Trichloroethene
Concen: 5.815 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:	130	Resp:	8646
Ion	Ratio	Lower	Upper
130	100		
95	81.5	0.0	188.2





#45

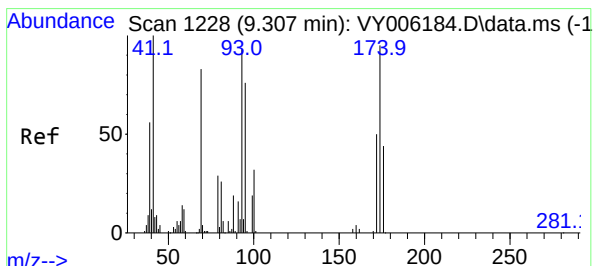
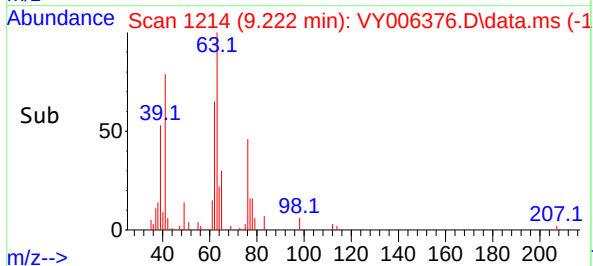
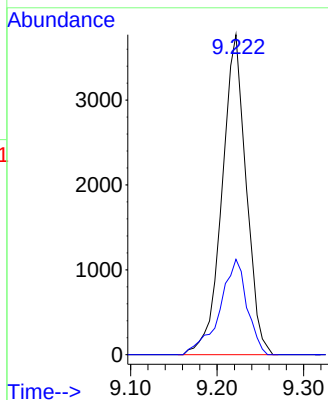
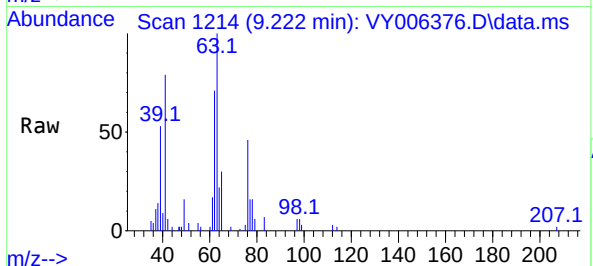
1,2-Dichloropropane
Concen: 5.143 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 63 Resp: 7289
Ion Ratio Lower Upper
63 100
65 29.8 23.0 34.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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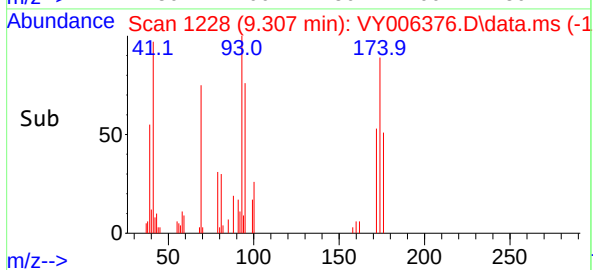
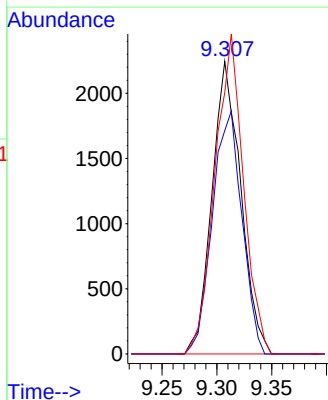
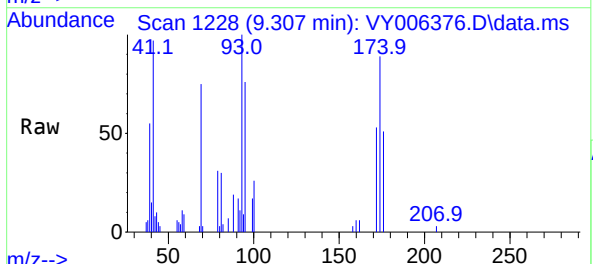
MMDadoda
10/15/2021 6:22:37 PM

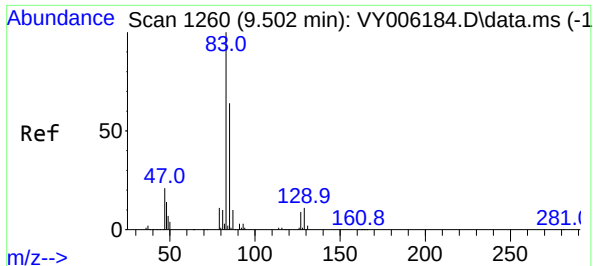


#46

Dibromomethane
Concen: 5.431 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 93 Resp: 4098
Ion Ratio Lower Upper
93 100
95 85.3 64.3 96.5
174 108.1 83.4 125.0





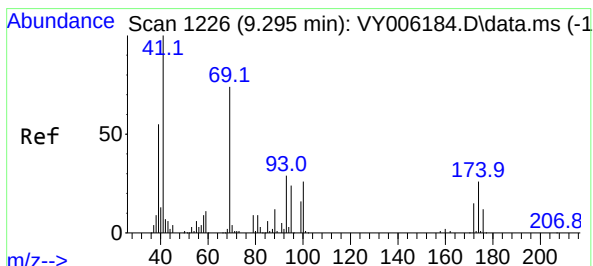
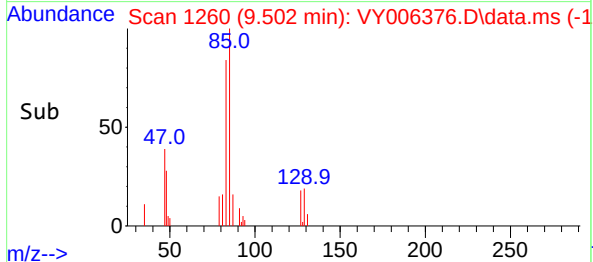
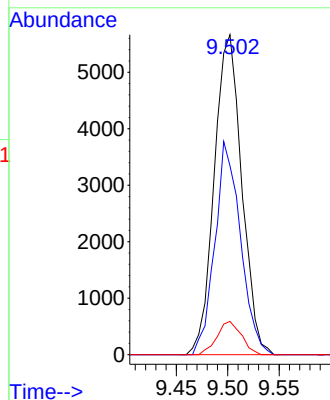
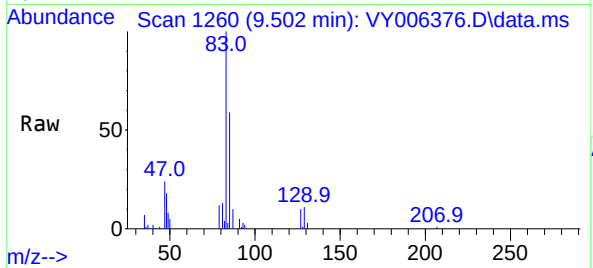
#47
Bromodichloromethane
Concen: 5.426 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 83 Resp: 10542
Ion Ratio Lower Upper
83 100
85 59.1 51.9 77.9
127 10.4 6.6 10.0#

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

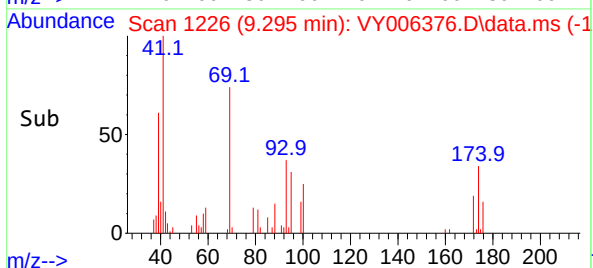
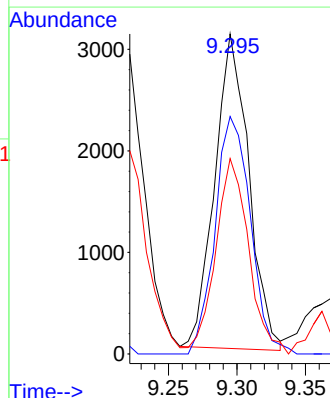
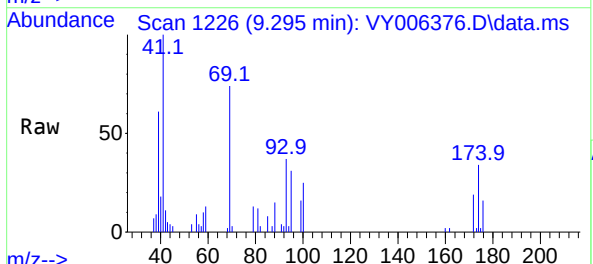
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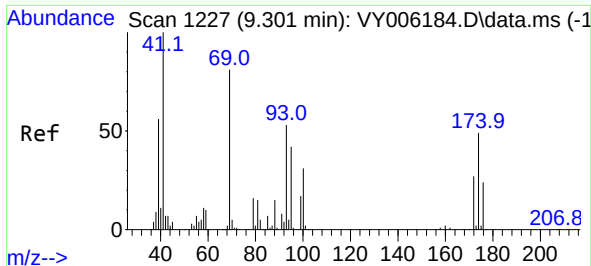
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#48
Methyl methacrylate
Concen: 4.916 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

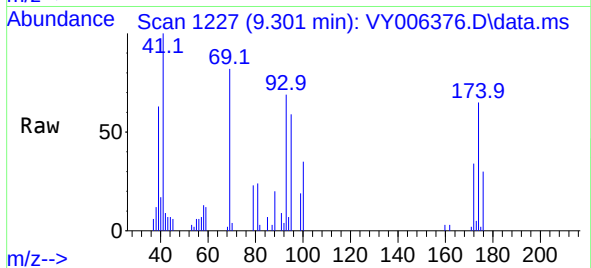
Tgt Ion: 41 Resp: 5347
Ion Ratio Lower Upper
41 100
69 78.6 58.2 87.2
39 60.7 47.4 71.0





#49
1,4-Dioxane
Concen: 111.116 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

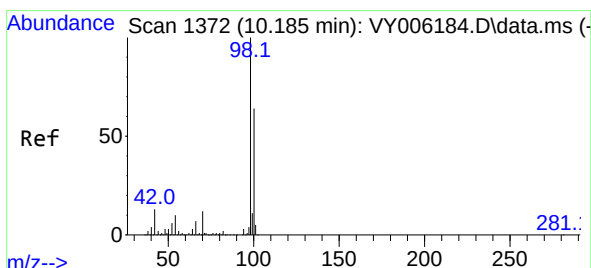
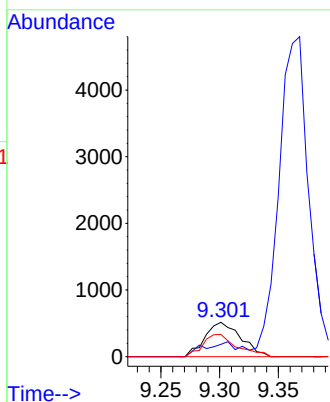
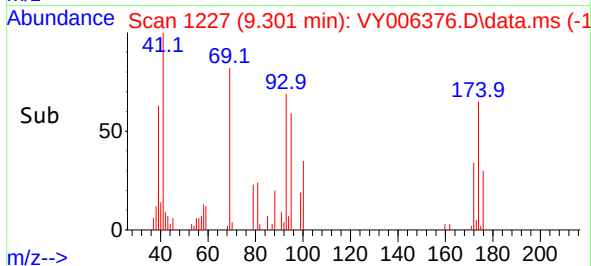
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



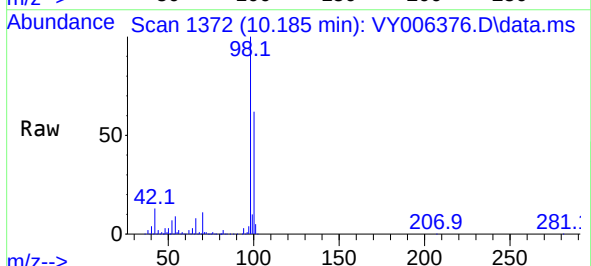
Tgt Ion: 88 Resp: 1094
Ion Ratio Lower Upper
88 100
43 43.3 32.8 49.2
58 61.4 59.8 89.6

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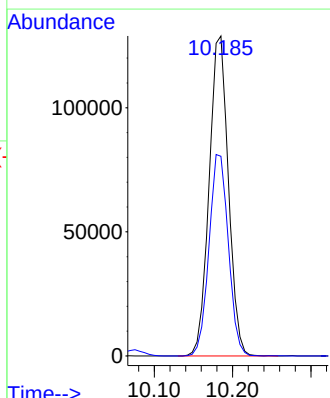
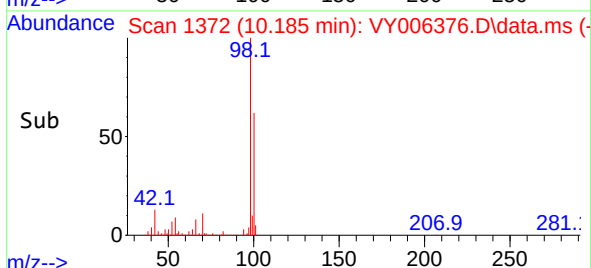
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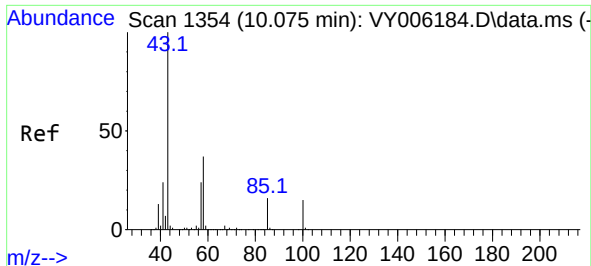


#50
Toluene-d8
Concen: 48.209 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



Tgt Ion: 98 Resp: 219832
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2





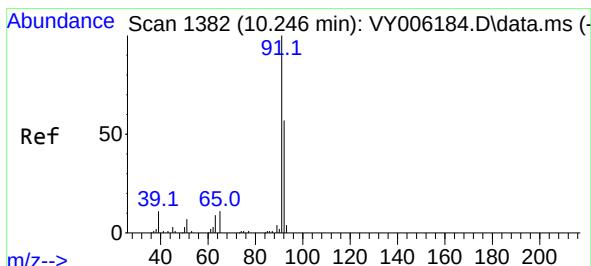
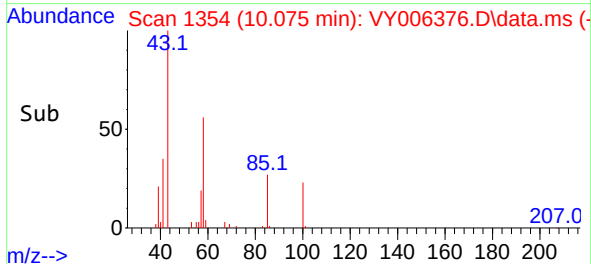
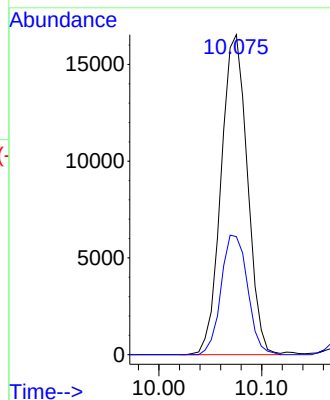
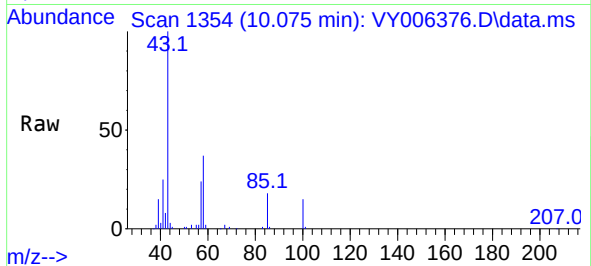
#51
4-Methyl-2-Pentanone
Concen: 24.923 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 43 Resp: 29339
Ion Ratio Lower Upper
43 100
58 37.7 28.1 42.1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

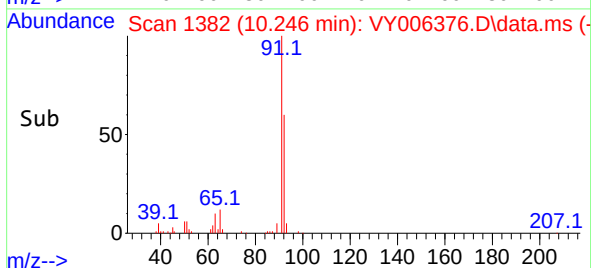
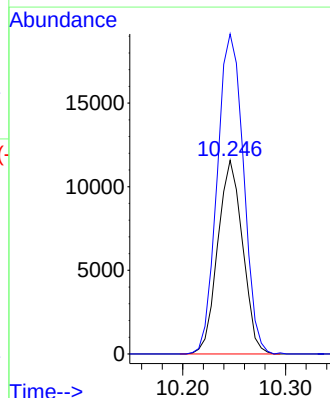
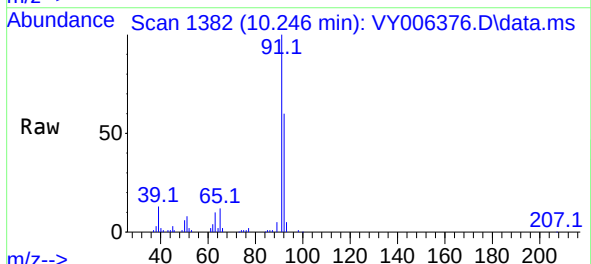
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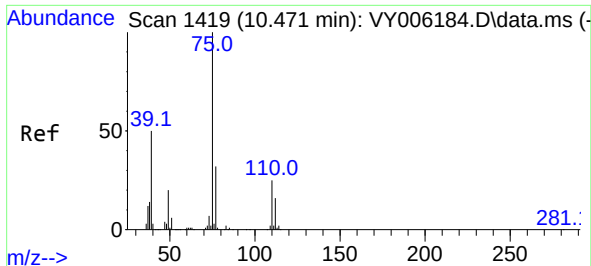
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#52
Toluene
Concen: 5.459 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 92 Resp: 19491
Ion Ratio Lower Upper
92 100
91 174.5 142.6 213.8





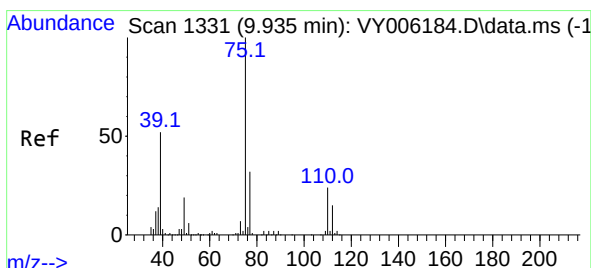
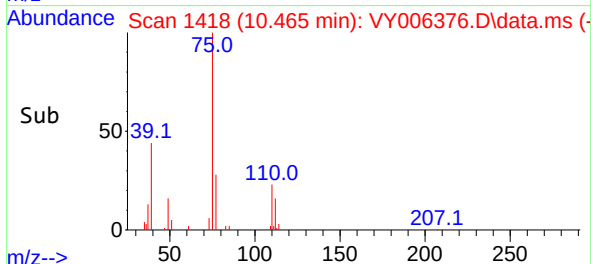
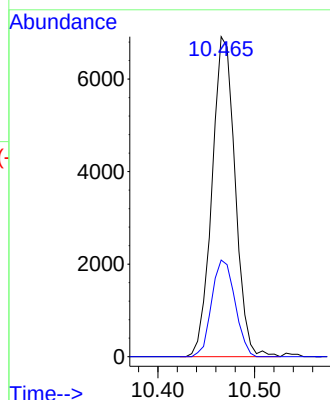
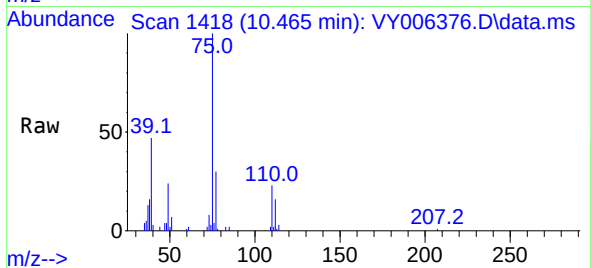
#53
t-1,3-Dichloropropene
Concen: 5.420 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 75 Resp: 11483
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

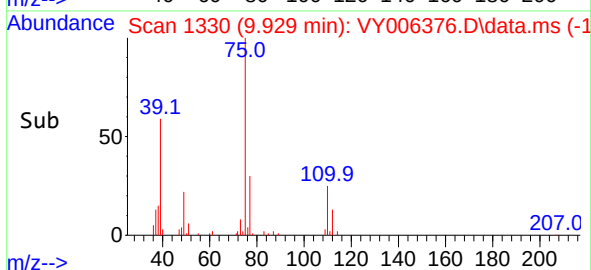
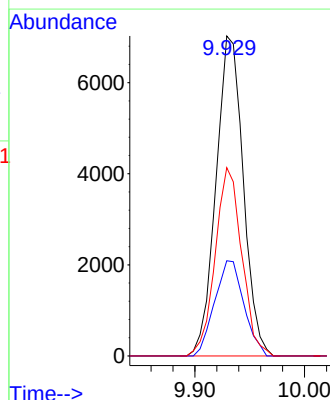
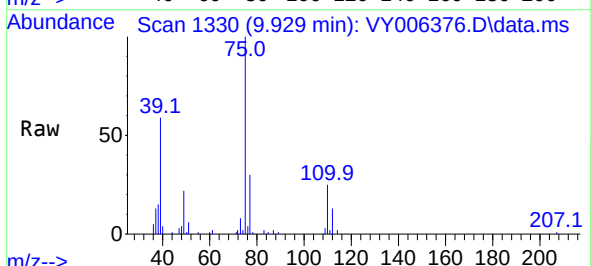
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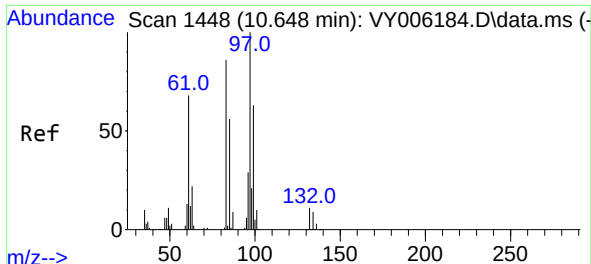
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#54
cis-1,3-Dichloropropene
Concen: 5.226 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

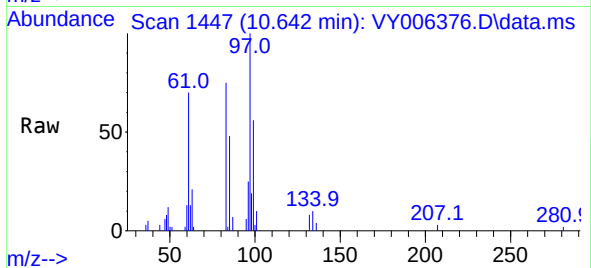
Tgt Ion: 75 Resp: 12171
Ion Ratio Lower Upper
75 100
77 29.8 25.6 38.4
39 58.8 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 5.610 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

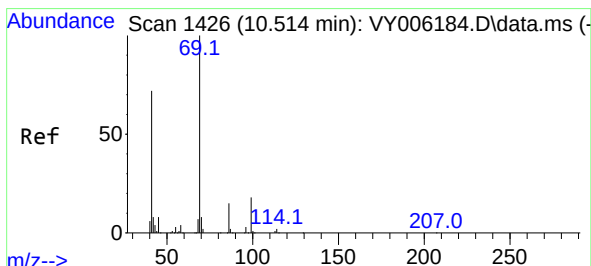
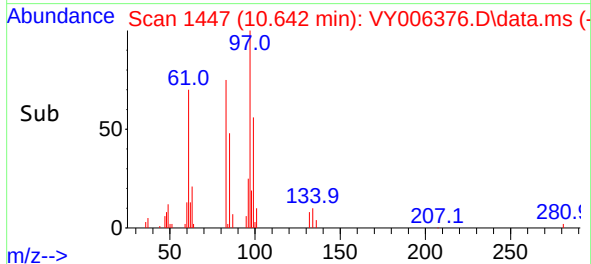
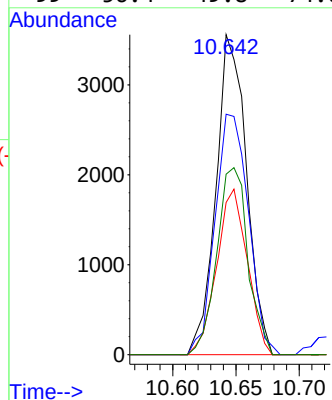


Tgt Ion: 97 Resp: 5957

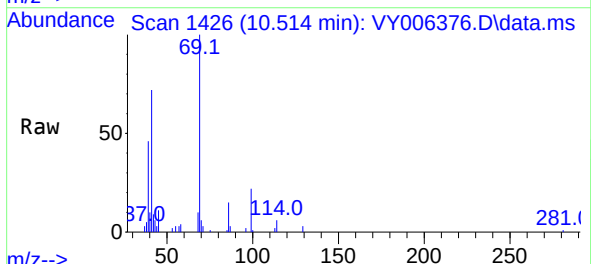
Ion	Ratio	Lower	Upper
97	100		
83	75.1	69.8	104.8
85	47.5	44.3	66.5
99	56.4	49.8	74.6

Manual Integrations
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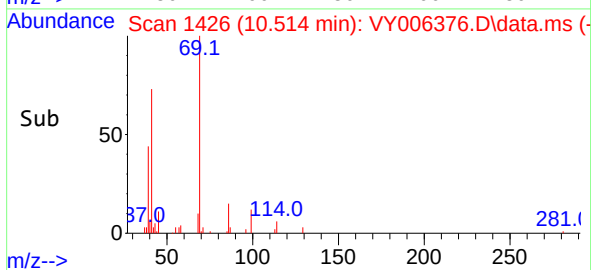
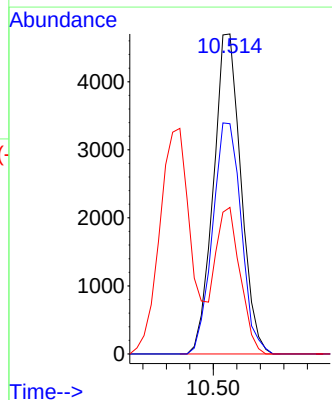


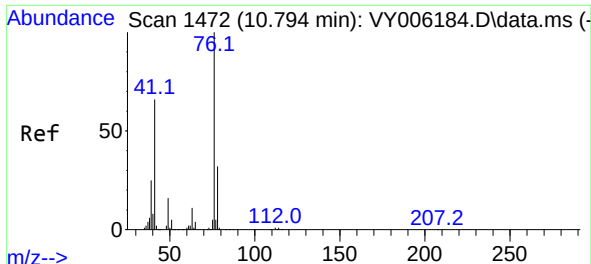
#56
Ethyl methacrylate
Concen: 4.735 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



Tgt Ion: 69 Resp: 7642

Ion	Ratio	Lower	Upper
69	100		
41	75.2	63.4	95.0
39	40.0	35.8	53.8





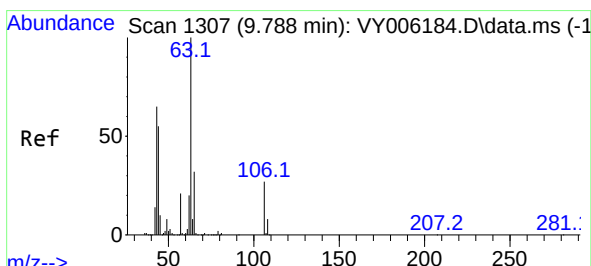
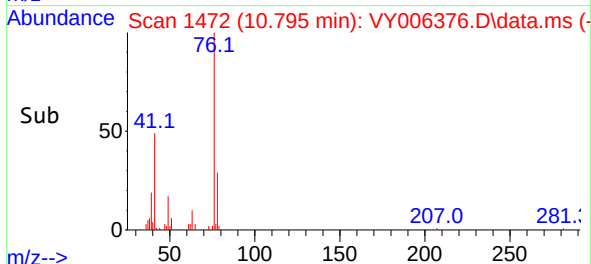
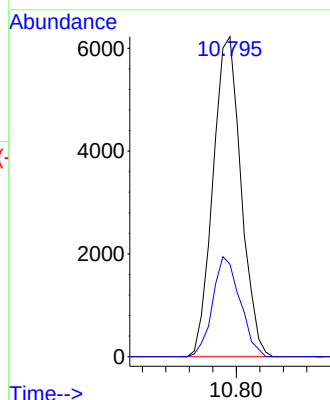
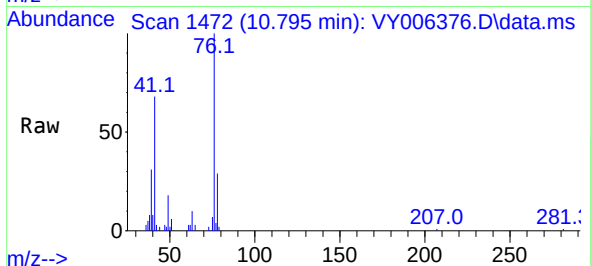
#57
1,3-Dichloropropane
Concen: 5.364 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 76 Resp: 10307
Ion Ratio Lower Upper
76 100
78 30.6 25.0 37.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

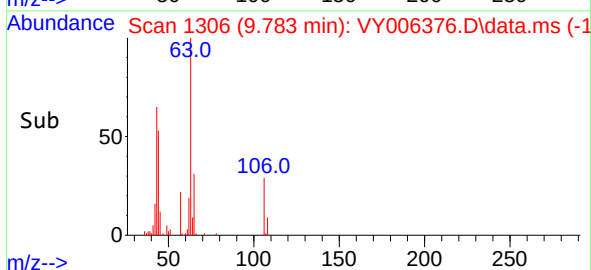
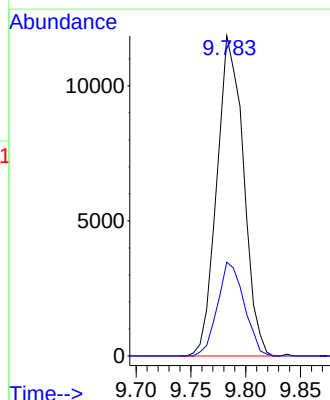
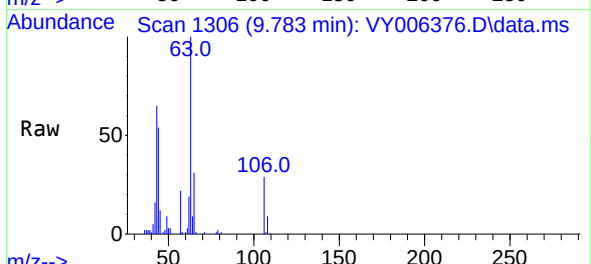
Manual Integrations
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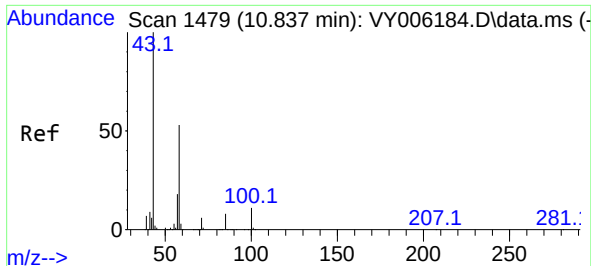
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#58
2-Chloroethyl Vinyl ether
Concen: 25.302 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 63 Resp: 20008
Ion Ratio Lower Upper
63 100
106 29.3 21.5 32.3





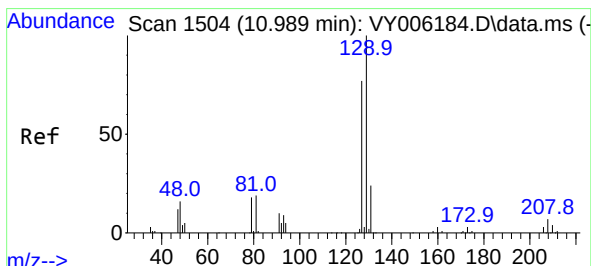
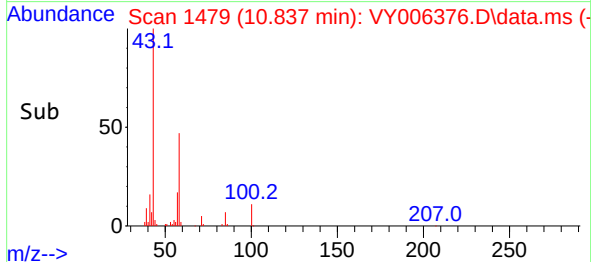
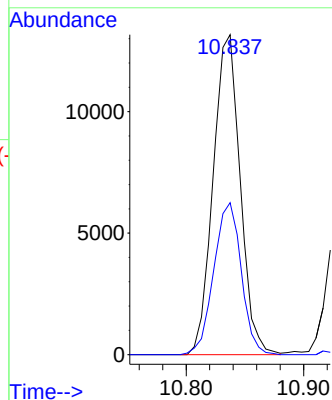
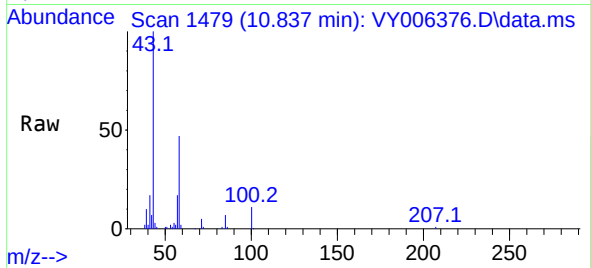
#59
2-Hexanone
Concen: 25.126 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 43 Resp: 21066
Ion Ratio Lower Upper
43 100
58 48.3 24.4 73.4

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

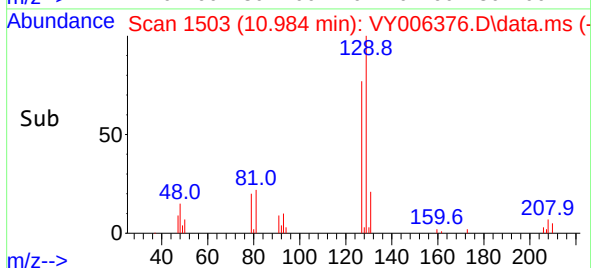
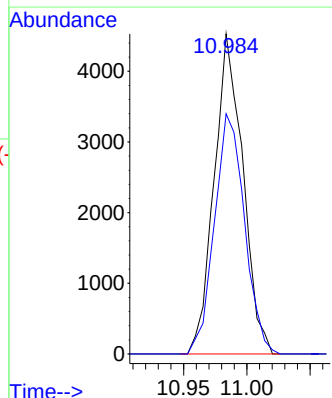
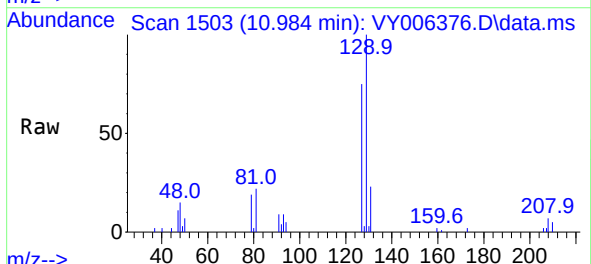
Manual Integrations
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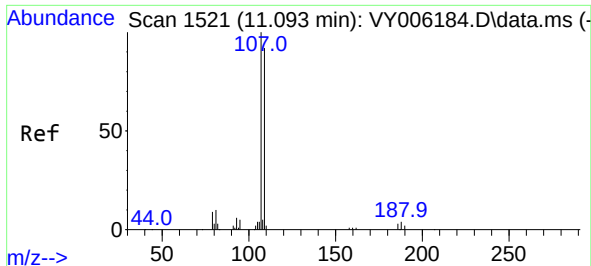
MMDadoda
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#60
Dibromochloromethane
Concen: 5.530 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:129 Resp: 7134
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1





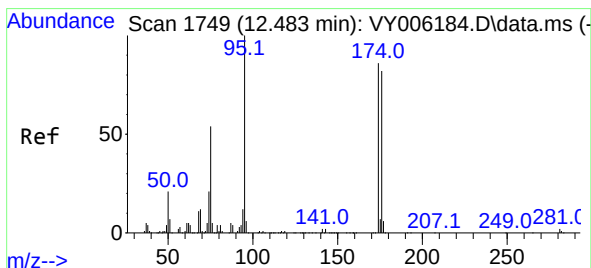
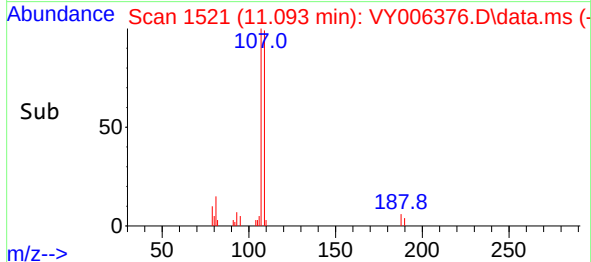
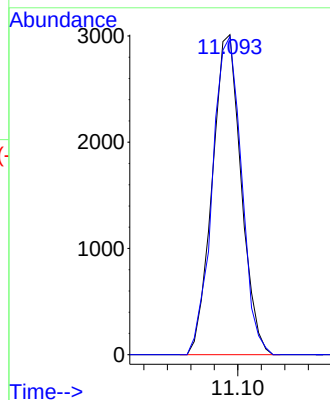
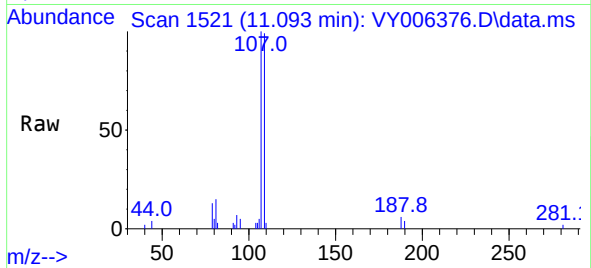
#61
1,2-Dibromoethane
Concen: 5.124 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 107 Resp: 5152
Ion Ratio Lower Upper
107 100
109 100.0 75.4 113.2

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

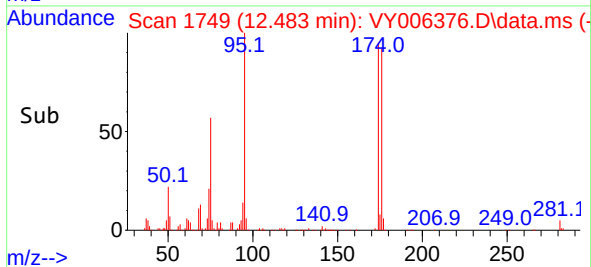
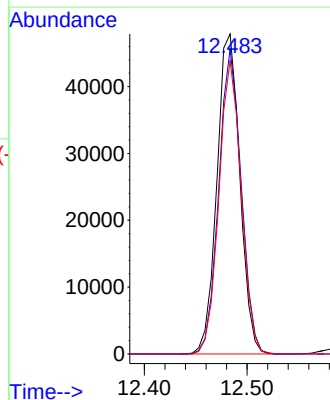
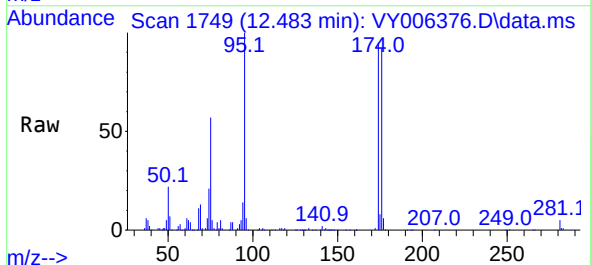
Manual Integrations
APPROVED

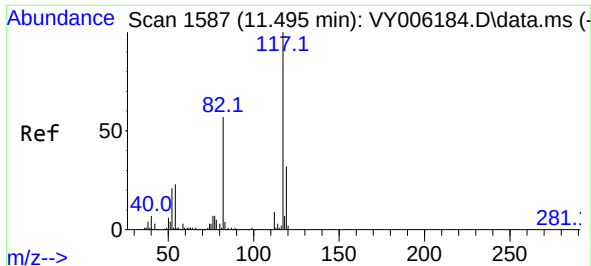
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#62
4-Bromofluorobenzene
Concen: 47.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 95 Resp: 74071
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 88.8 0.0 175.8





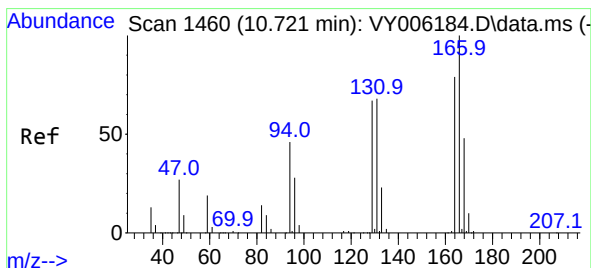
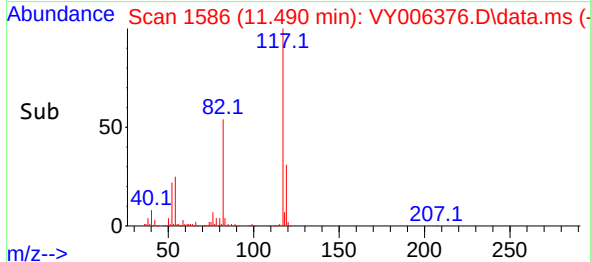
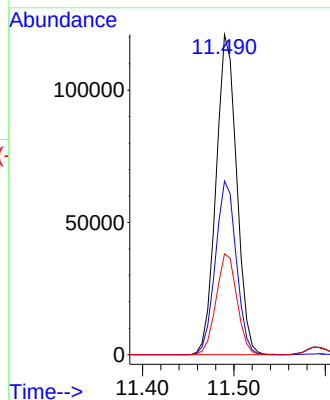
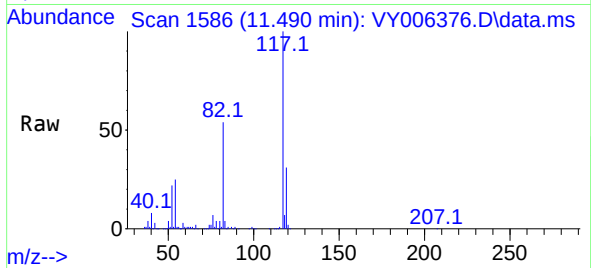
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:117 Resp: 189890
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.5 25.4 38.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

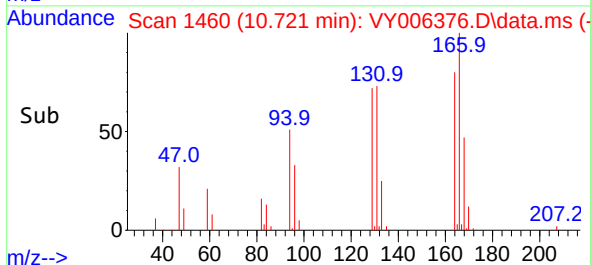
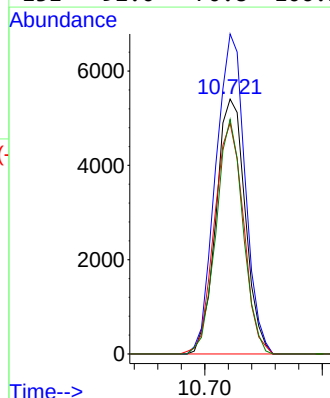
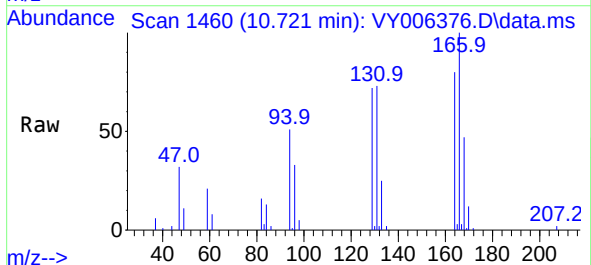
Manual Integrations
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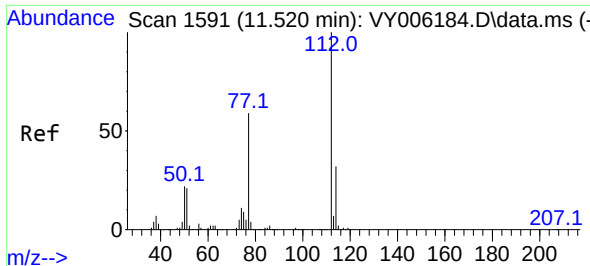
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#64
Tetrachloroethene
Concen: 6.100 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

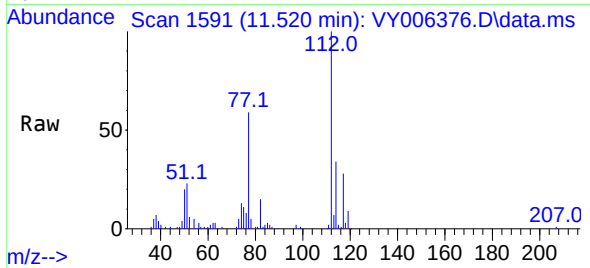
Tgt Ion:164 Resp: 9329
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 90.5 71.4 107.0
131 92.0 70.8 106.2





#65
Chlorobenzene
Concen: 5.456 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

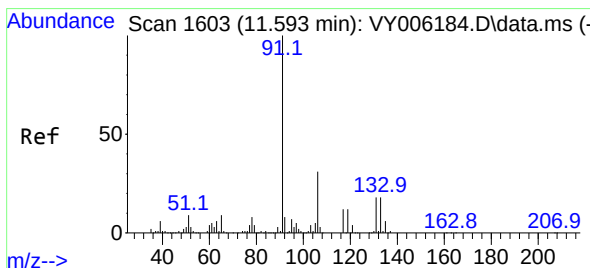
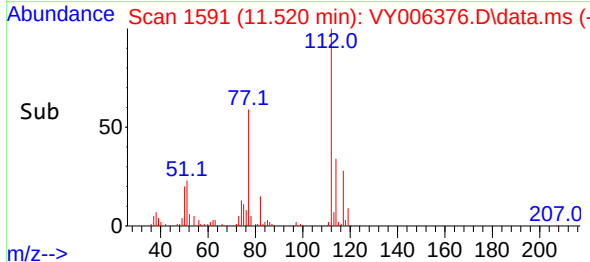
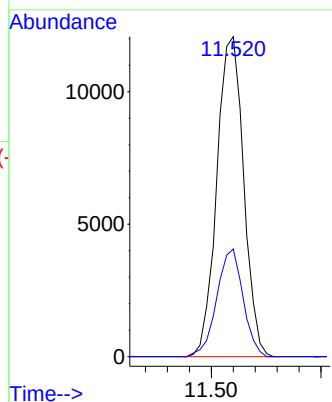
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



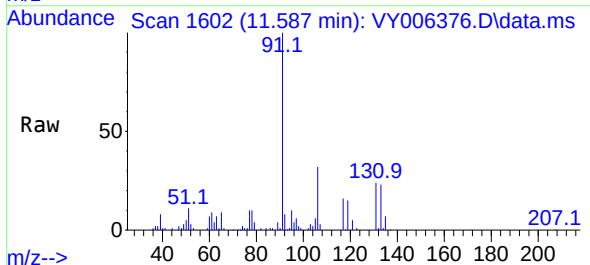
Tgt Ion:112 Resp: 20527
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6

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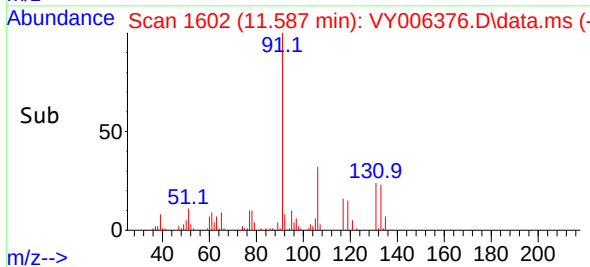
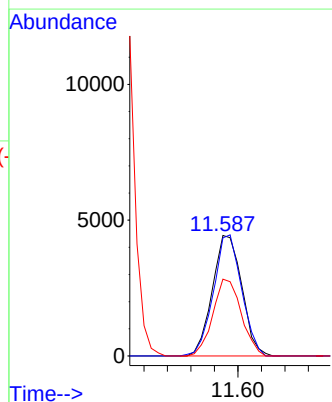
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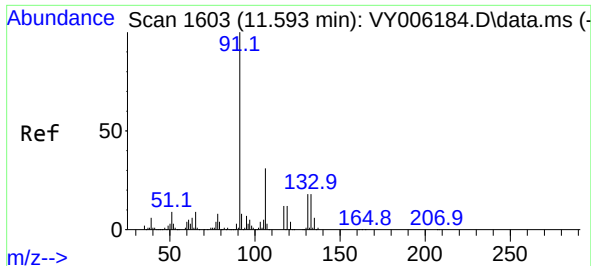


#66
1,1,1,2-Tetrachloroethane
Concen: 5.561 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



Tgt Ion:131 Resp: 7710
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.6
119 61.5 30.8 92.3





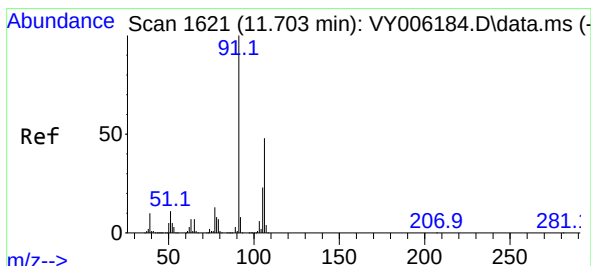
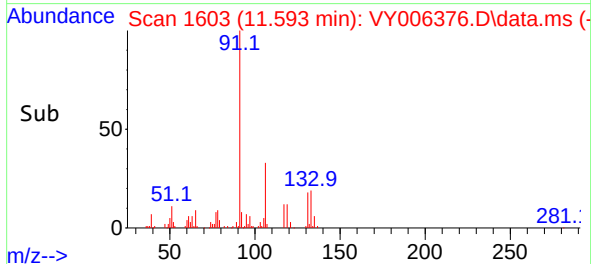
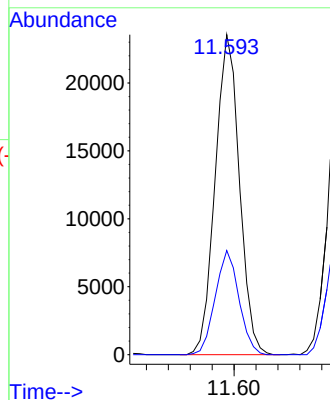
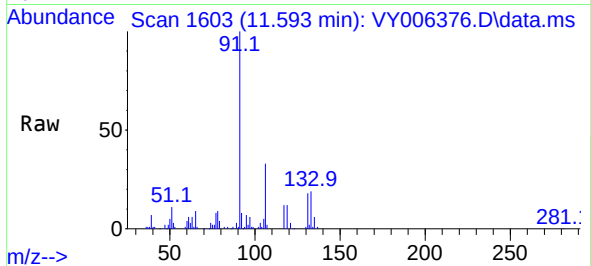
#67
Ethyl Benzene
Concen: 5.097 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 91 Resp: 36147
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

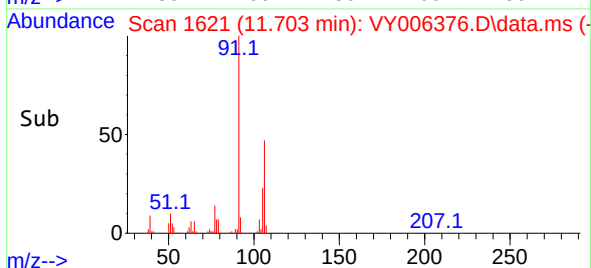
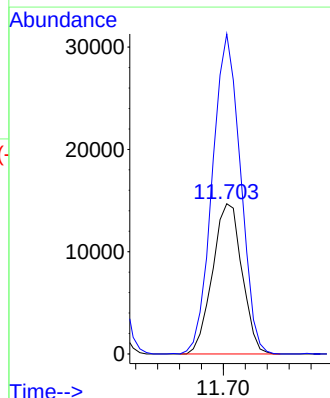
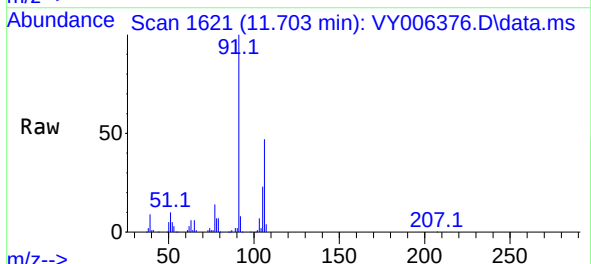
Manual Integrations
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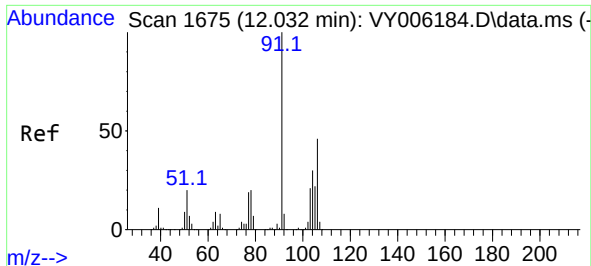
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#68
m/p-Xylenes
Concen: 10.187 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:106 Resp: 27415
Ion Ratio Lower Upper
106 100
91 203.6 166.6 249.8





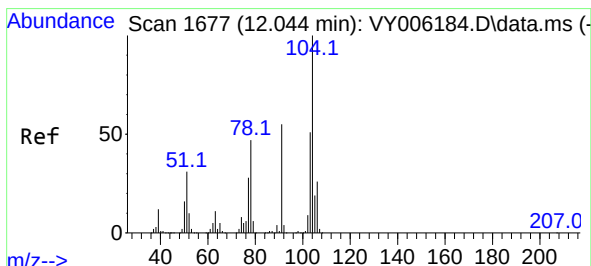
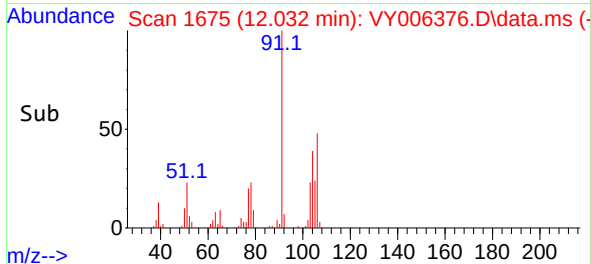
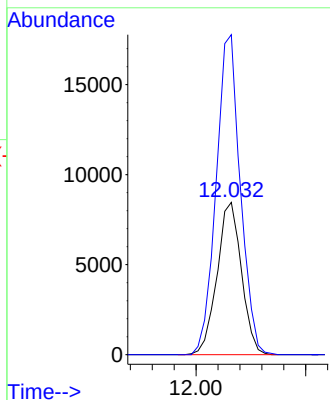
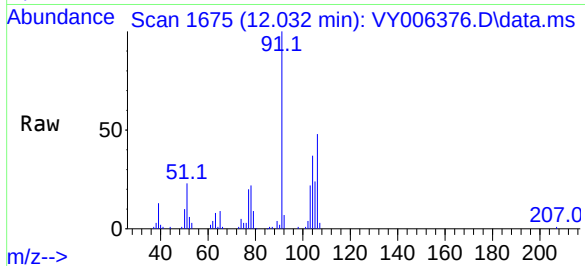
#69
o-Xylene
Concen: 5.141 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:106 Resp: 13066
Ion Ratio Lower Upper
106 100
91 208.4 110.3 331.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

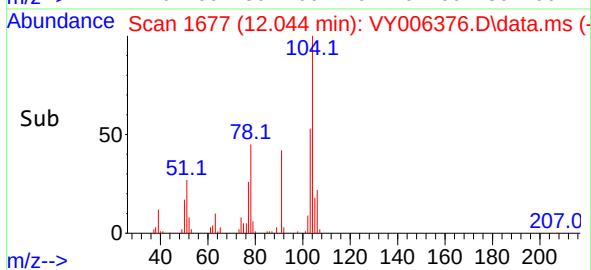
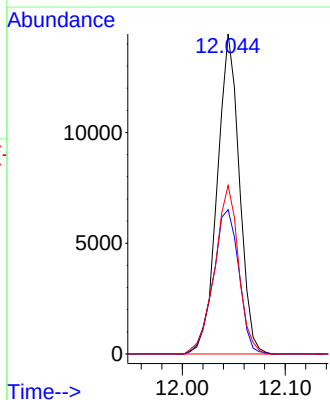
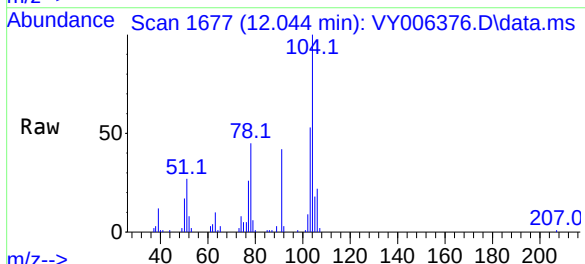
Manual Integrations
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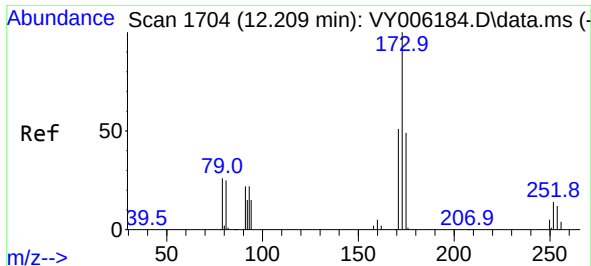
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#70
Styrene
Concen: 4.993 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:104 Resp: 21551
Ion Ratio Lower Upper
104 100
78 52.4 42.4 63.6
103 56.8 44.4 66.6





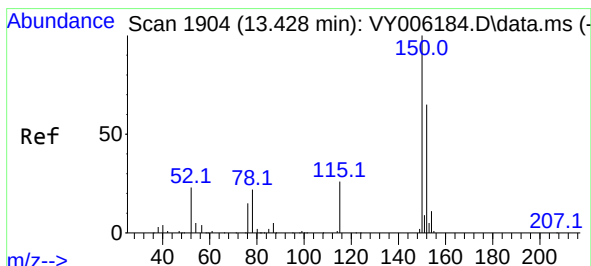
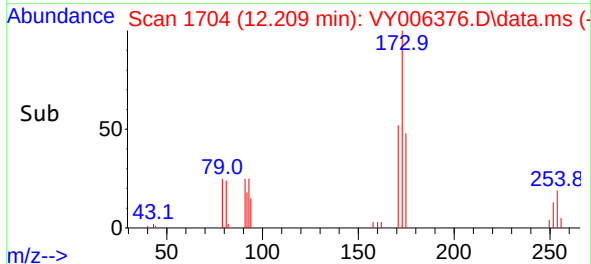
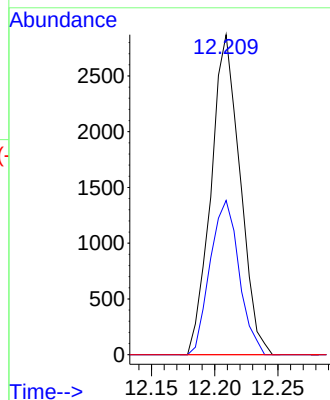
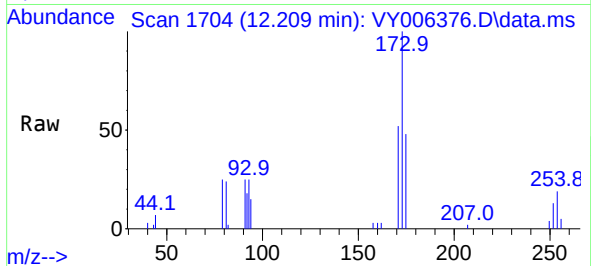
#71
Bromoform
Concen: 5.314 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:173 Resp: 4582
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

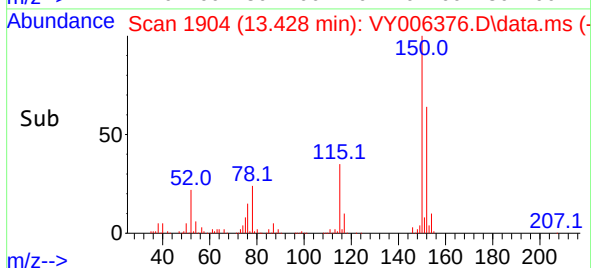
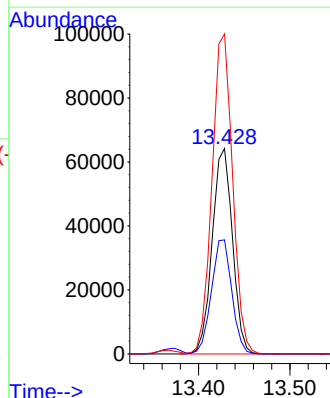
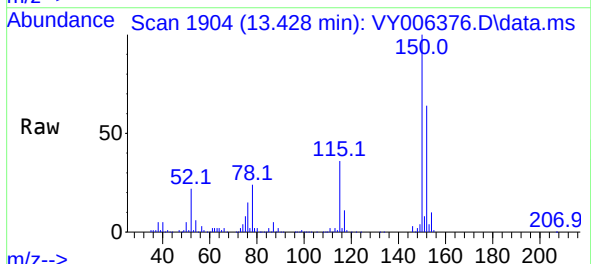
Manual Integrations
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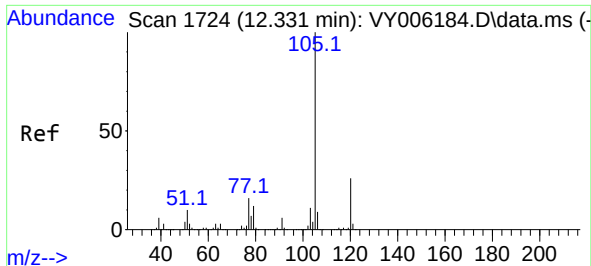
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

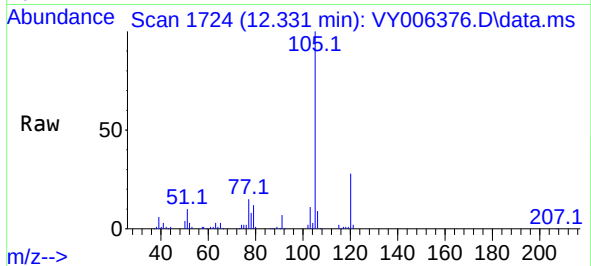
Tgt Ion:152 Resp: 98998
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 158.0 0.0 347.6





#73
Isopropylbenzene
Concen: 4.791 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

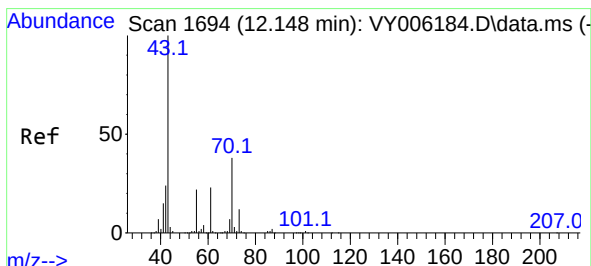
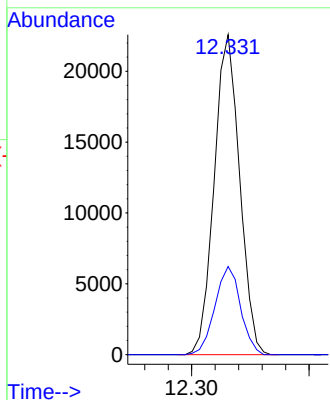
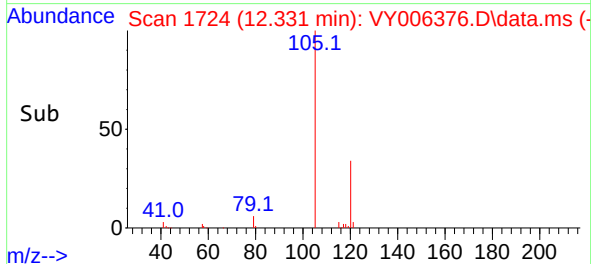
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



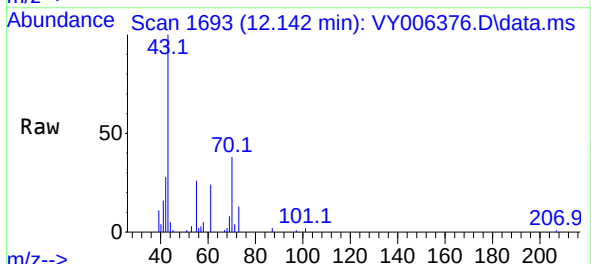
Tgt Ion: 105 Resp: 33972
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2

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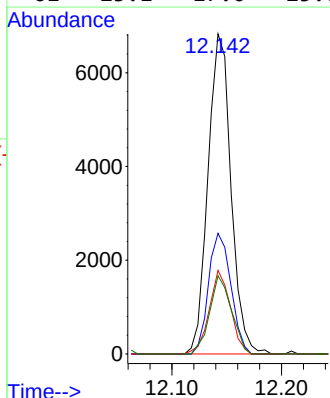
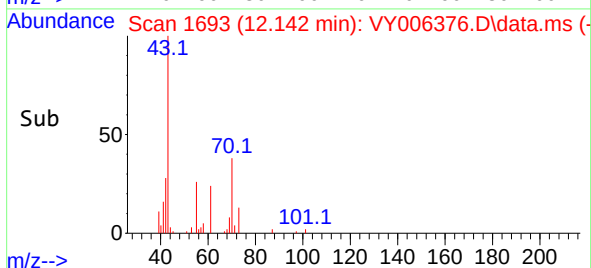
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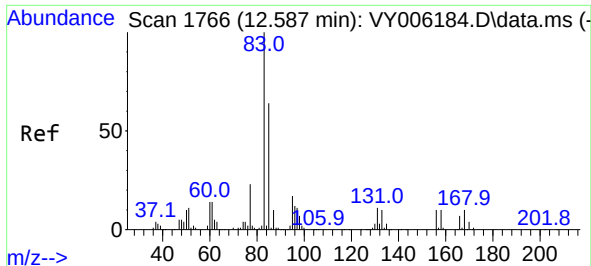


#74
N-ethyl acetate
Concen: 4.522 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



Tgt Ion: 43 Resp: 9954
Ion Ratio Lower Upper
43 100
70 36.7 28.7 43.1
55 24.0 17.3 25.9
61 23.1 17.0 25.6





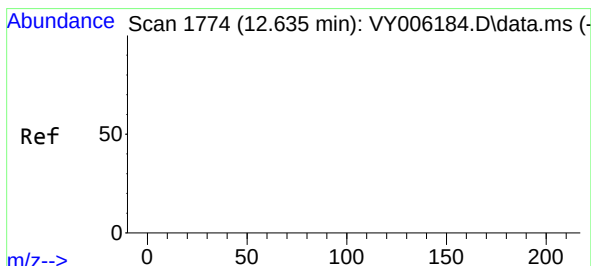
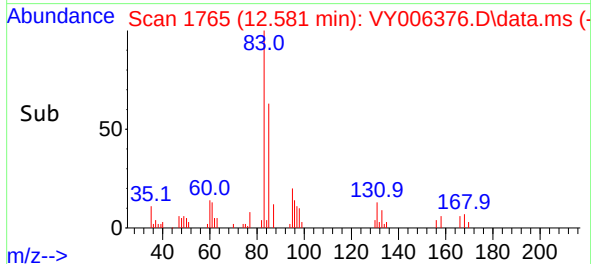
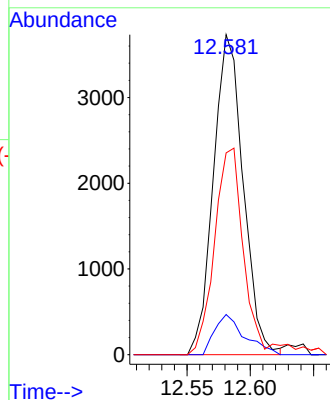
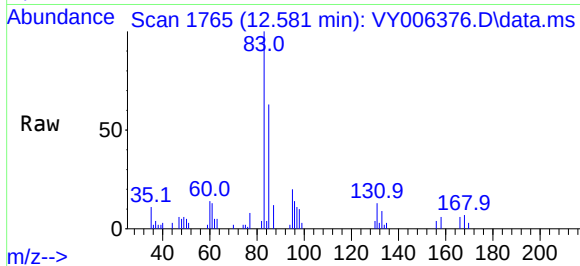
#75
1,1,2,2-Tetrachloroethane
Concen: 4.768 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 83 Resp: 6107
Ion Ratio Lower Upper
83 100
131 12.6 5.6 16.8
85 62.8 32.3 96.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

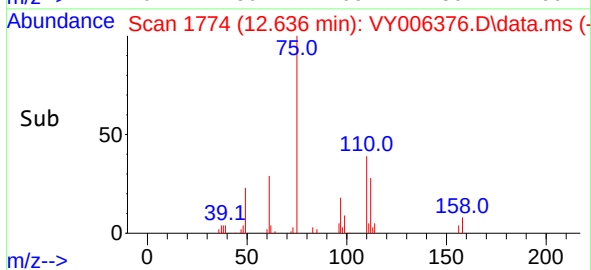
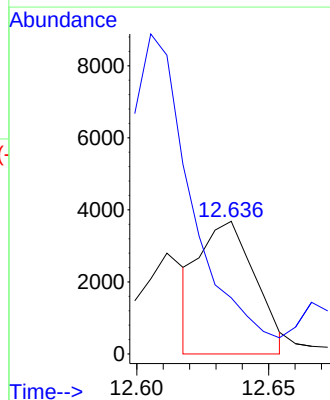
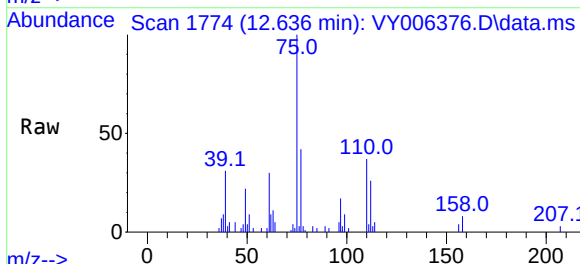
Manual Integrations
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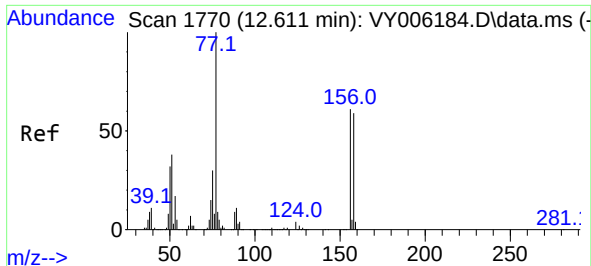
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#76
1,2,3-Trichloropropane
Concen: 5.584 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 75 Resp: 5373
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





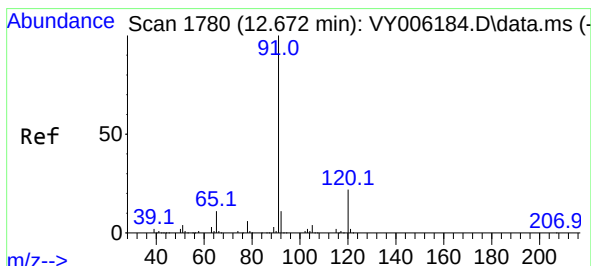
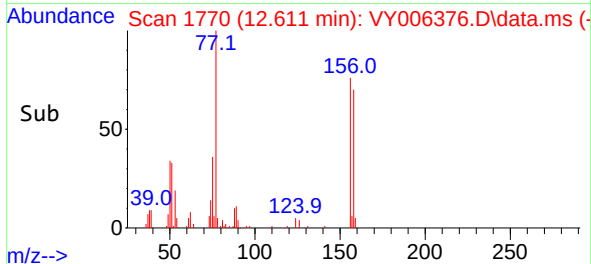
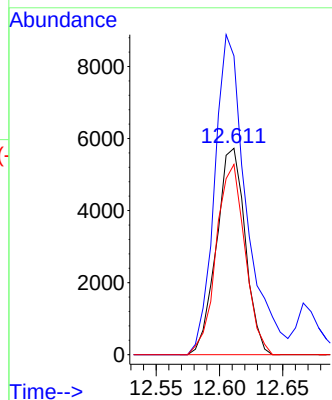
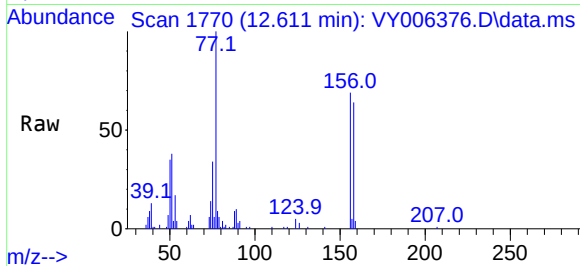
#77
Bromobenzene
Concen: 5.455 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 156 Resp: 9069
Ion Ratio Lower Upper
156 100
77 171.8 95.5 286.4
158 92.3 48.0 144.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

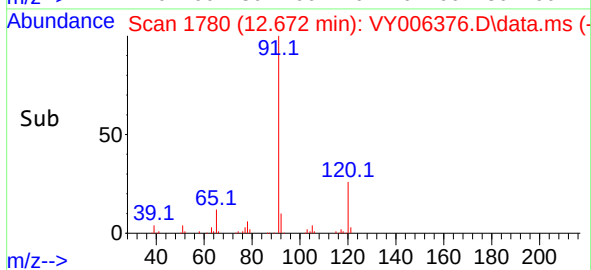
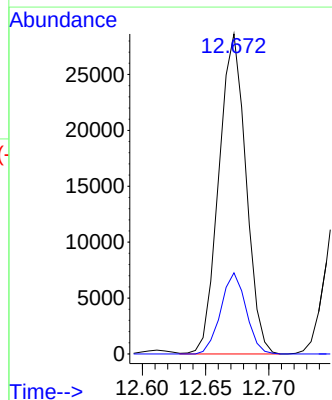
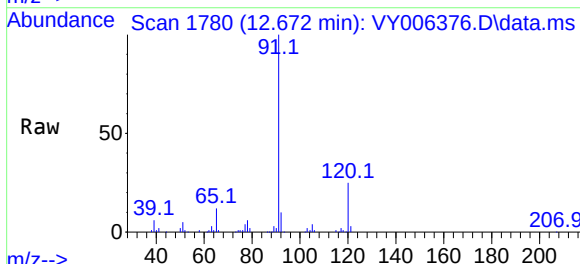
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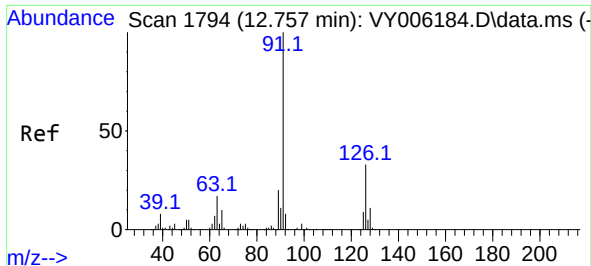
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#78
n-propylbenzene
Concen: 4.880 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 91 Resp: 42594
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9





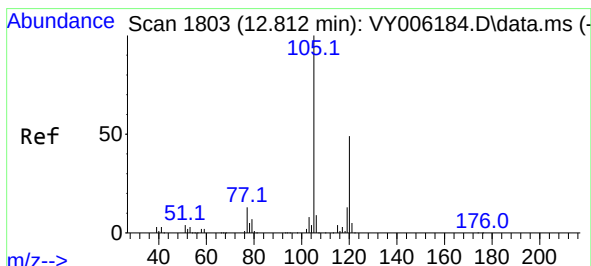
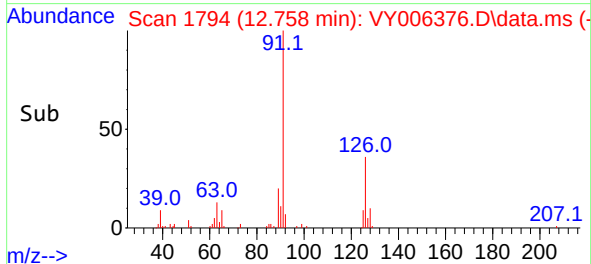
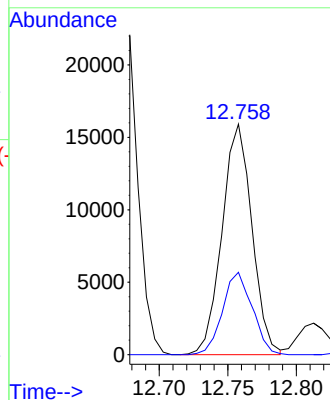
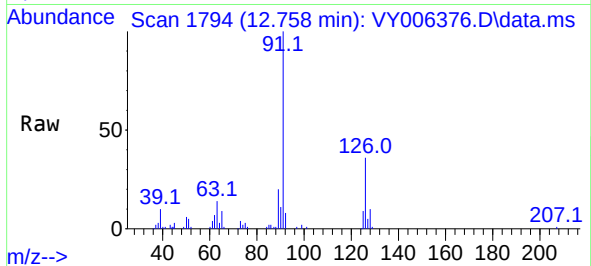
#79
2-Chlorotoluene
Concen: 5.005 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion: 91 Resp: 24175
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

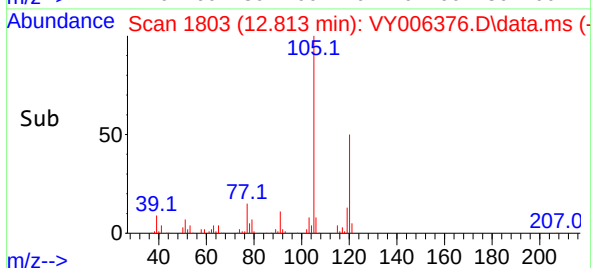
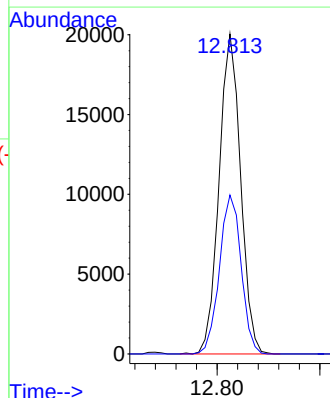
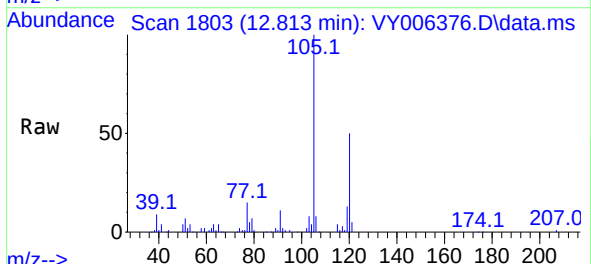
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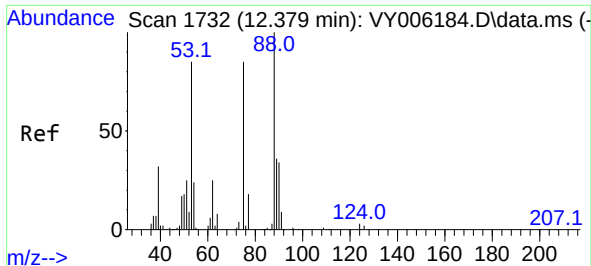
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#80
1,3,5-Trimethylbenzene
Concen: 4.909 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

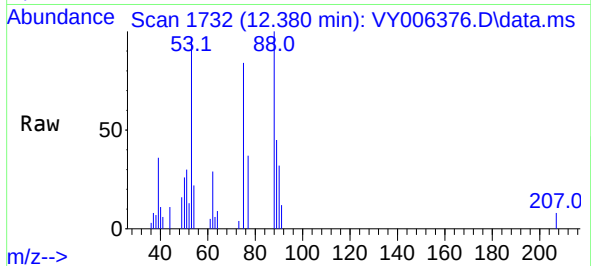
Tgt Ion:105 Resp: 29106
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.667 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

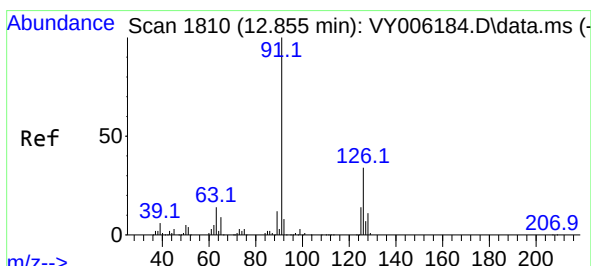
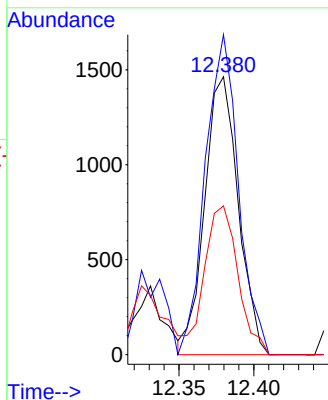
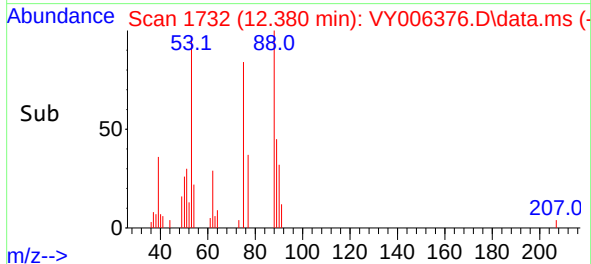
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



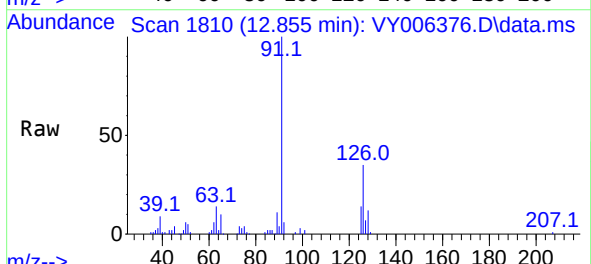
Tgt Ion: 75 Resp: 2285
Ion Ratio Lower Upper
75 100
53 113.6 85.3 127.9
89 54.1 37.0 55.4

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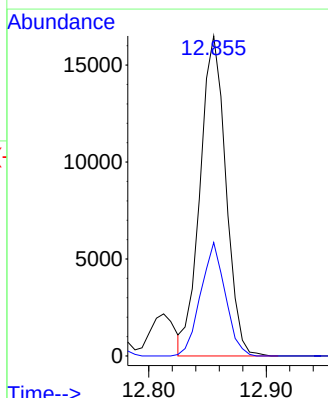
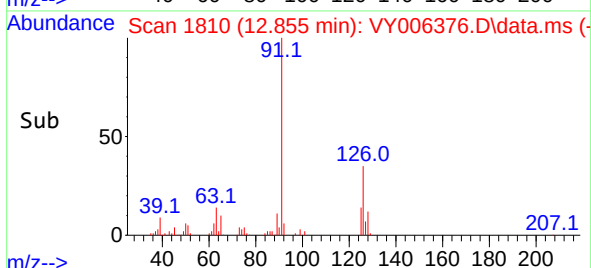
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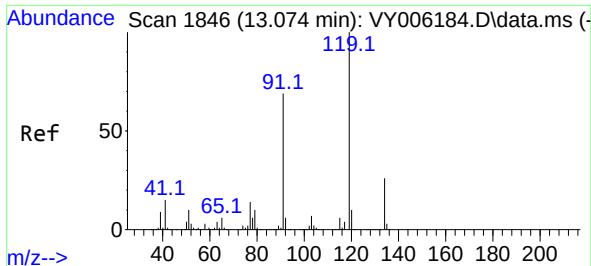


#82
4-Chlorotoluene
Concen: 5.032 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

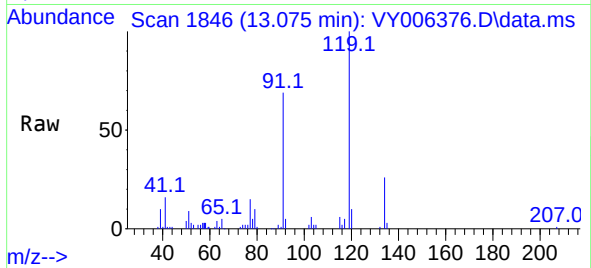


Tgt Ion: 91 Resp: 25139
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0

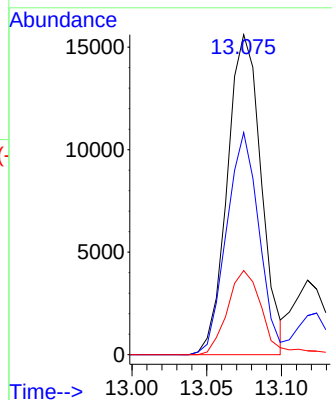




#83
tert-Butylbenzene
Concen: 4.861 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



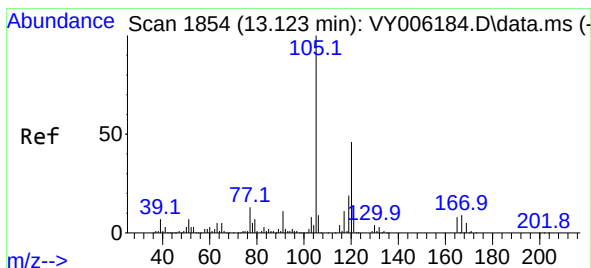
Tgt Ion:119 Resp: 24644
Ion Ratio Lower Upper
119 100
91 66.4 34.8 104.4
134 27.1 13.3 39.9



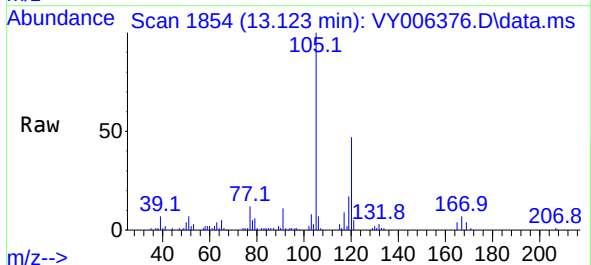
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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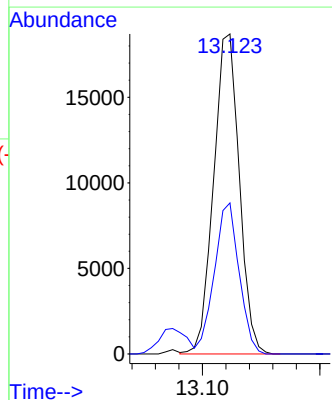
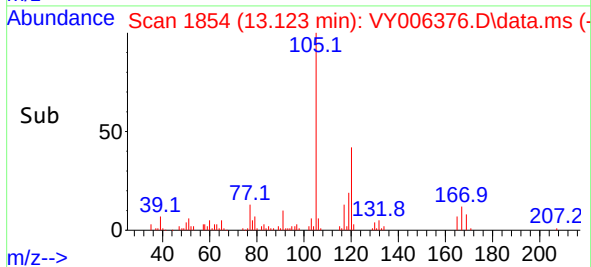
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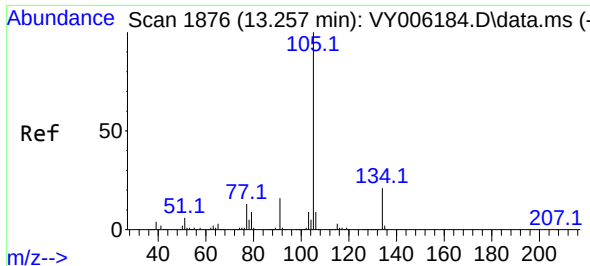


#84
1,2,4-Trimethylbenzene
Concen: 4.850 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



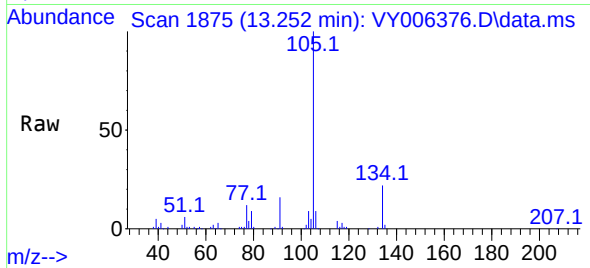
Tgt Ion:105 Resp: 28397
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 4.888 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY006376.D
 Acq: 12 Oct 2021 13:03

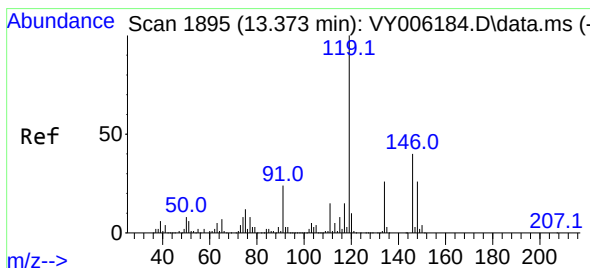
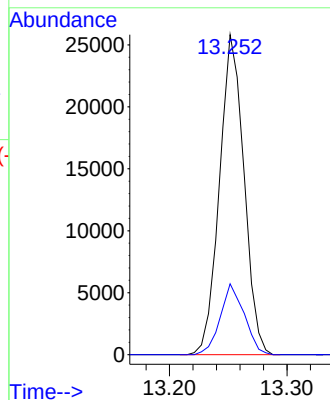
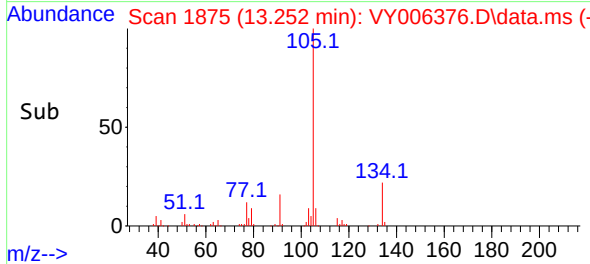
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



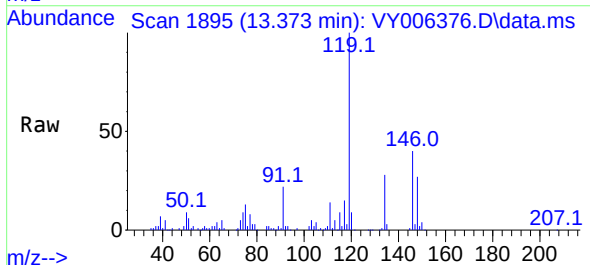
Tgt Ion:105 Resp: 37446
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.2 30.4

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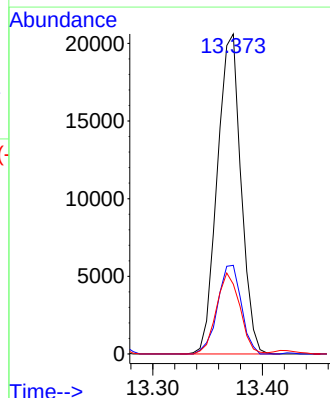
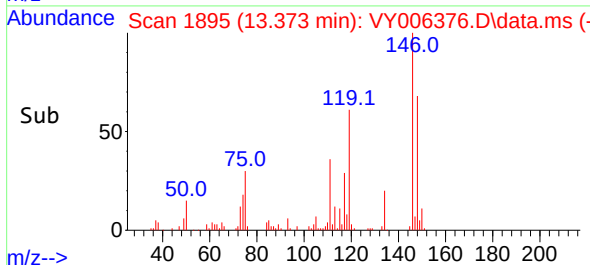
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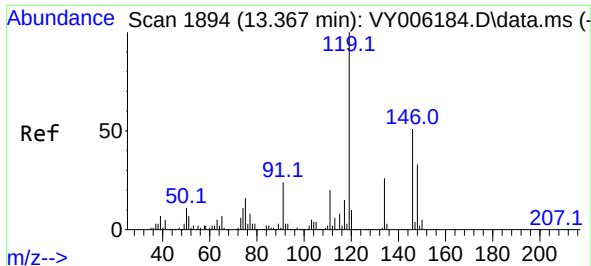


#86
 p-Isopropyltoluene
 Concen: 4.789 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY006376.D
 Acq: 12 Oct 2021 13:03



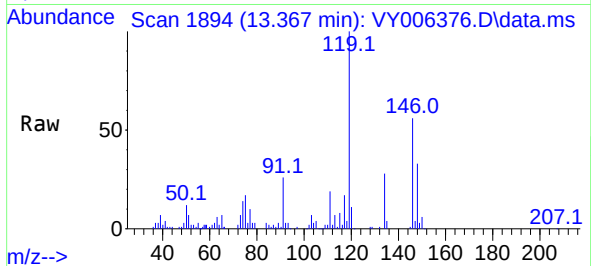
Tgt Ion:119 Resp: 30961
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.2 39.5
 91 25.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 5.220 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

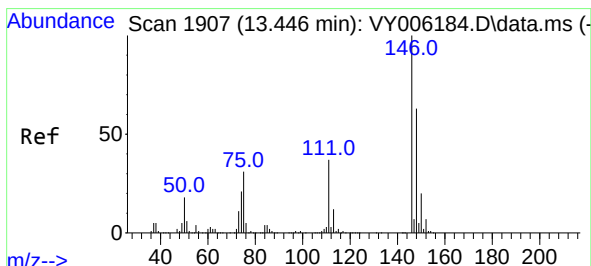
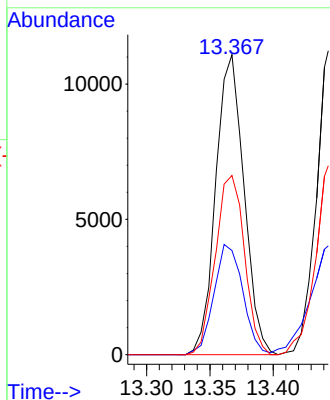
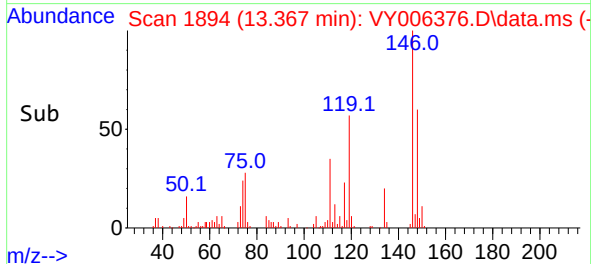
Instrument :
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ClientSampleId :
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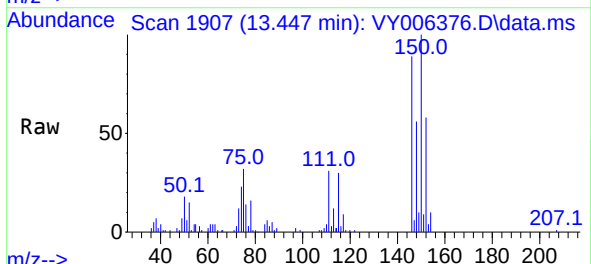
Tgt Ion:146 Resp: 17194
Ion Ratio Lower Upper
146 100
111 37.7 19.5 58.5
148 61.8 31.6 95.0

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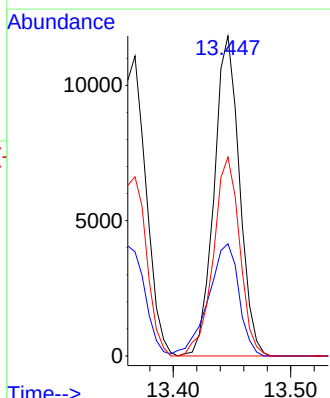
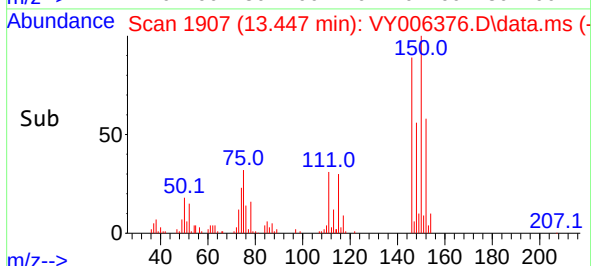
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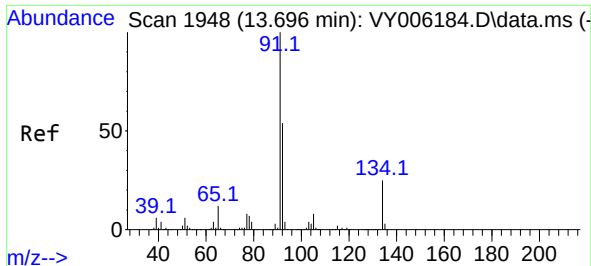


#88
1,4-Dichlorobenzene
Concen: 5.462 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

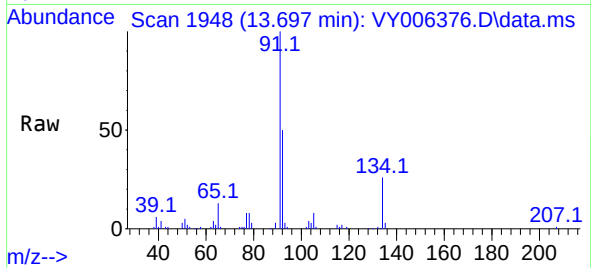


Tgt Ion:146 Resp: 17741
Ion Ratio Lower Upper
146 100
111 42.4 19.3 57.8
148 64.6 32.6 97.8

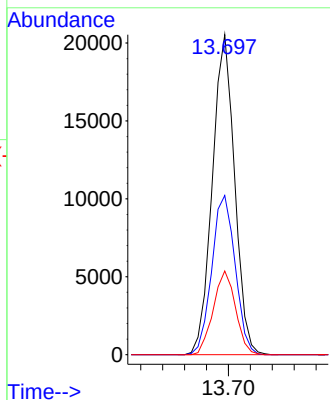




#89
n-Butylbenzene
Concen: 4.725 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



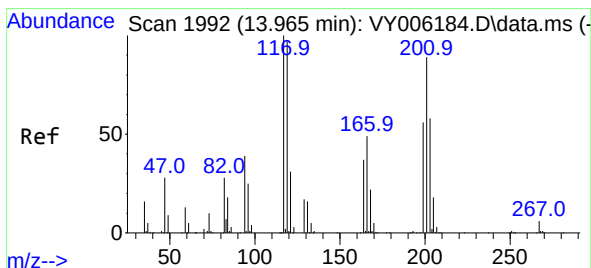
Tgt Ion:	91	Resp:	29026
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.3	78.9
134	26.2	13.0	38.9



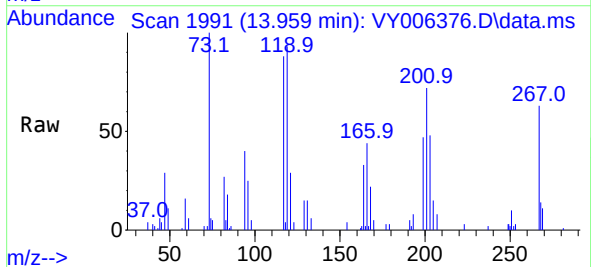
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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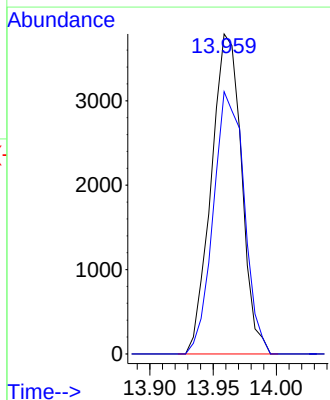
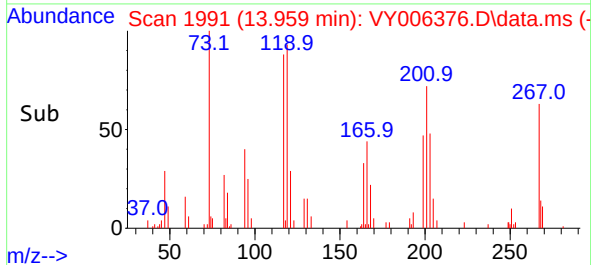
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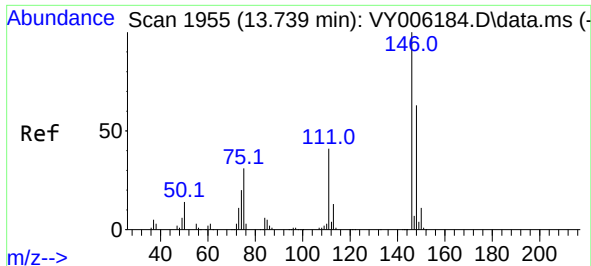


#90
Hexachloroethane
Concen: 5.382 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

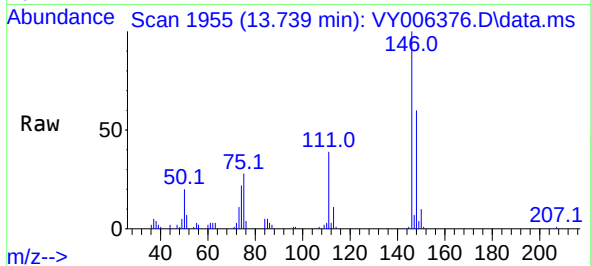


Tgt Ion:	117	Resp:	6319
Ion	Ratio	Lower	Upper
117	100		
201	83.4	43.0	128.8

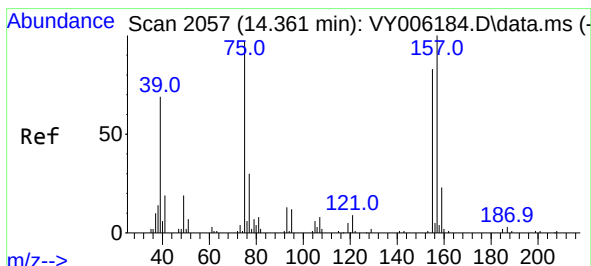
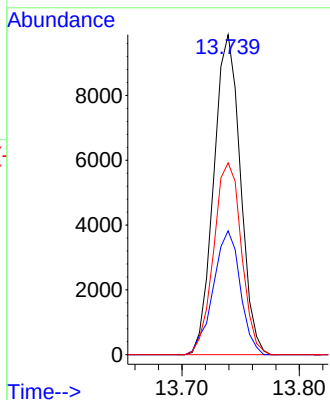
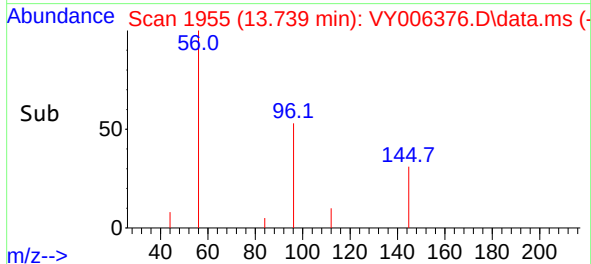




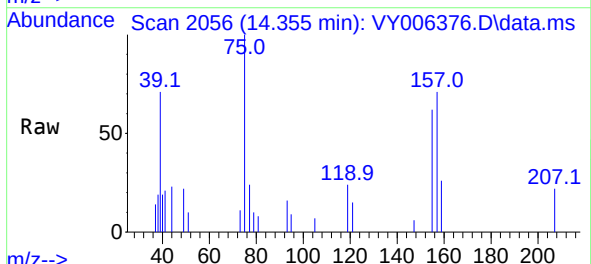
#91
1,2-Dichlorobenzene
Concen: 5.396 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



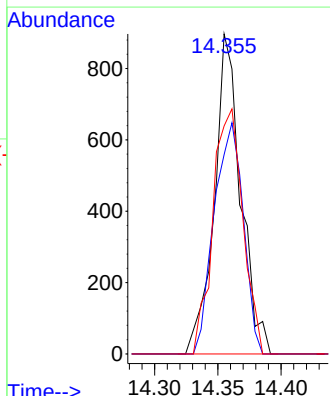
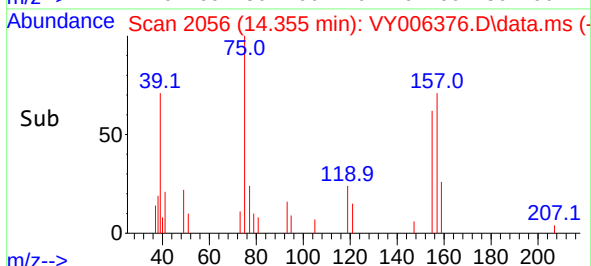
Tgt Ion:	146	Resp:	15542
Ion Ratio	Lower	Upper	
146	100		
111	39.4	20.3	60.9
148	62.6	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.332 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



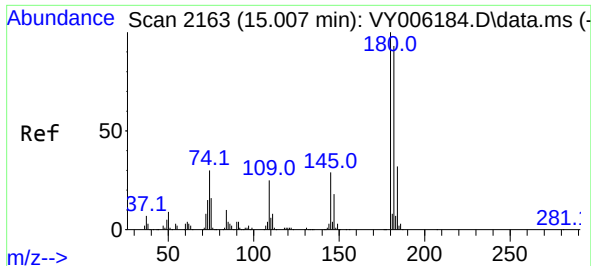
Tgt Ion:	75	Resp:	1301
Ion Ratio	Lower	Upper	
75	100		
155	79.6	38.0	113.9
157	86.5	47.8	143.3



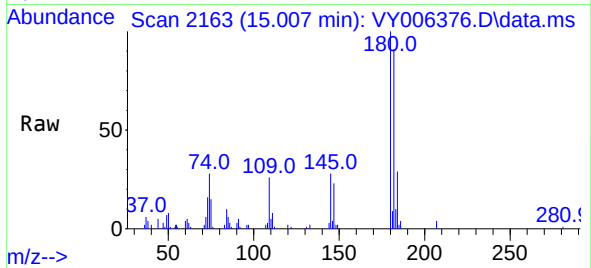
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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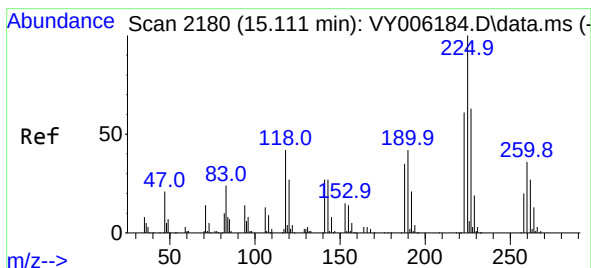
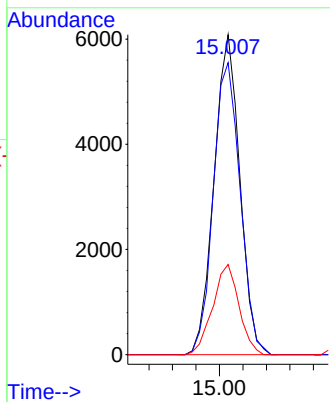
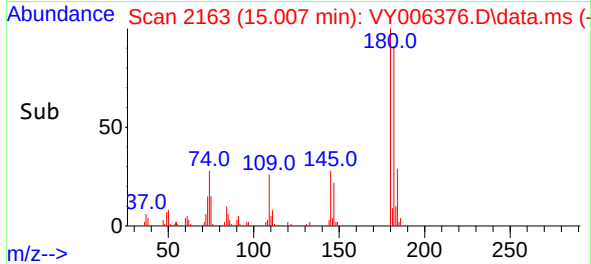
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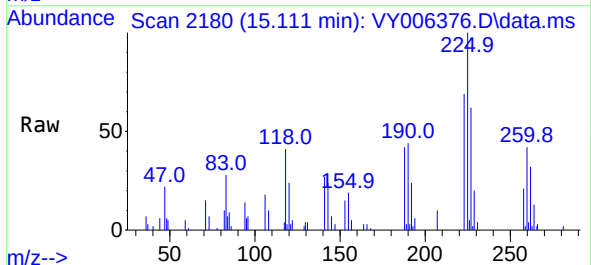
#93
1,2,4-Trichlorobenzene
Concen: 4.870 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



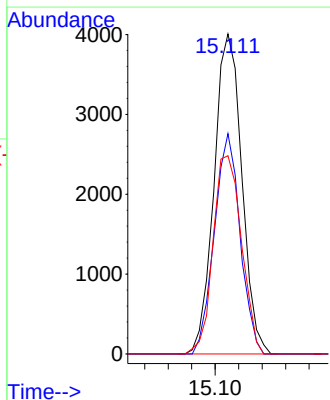
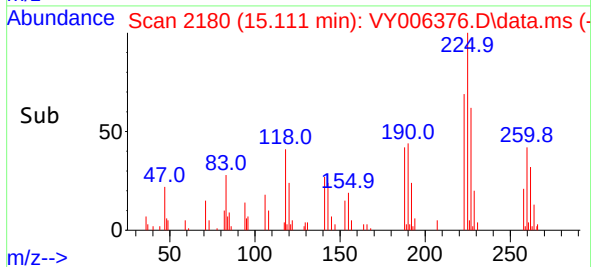
Tgt Ion:180 Resp: 9270
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 28.8 14.6 43.8



#94
Hexachlorobutadiene
Concen: 5.288 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03



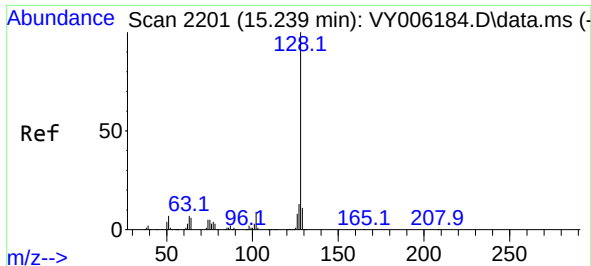
Tgt Ion:225 Resp: 6567
Ion Ratio Lower Upper
225 100
223 63.9 30.8 92.3
227 63.5 31.6 94.7



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
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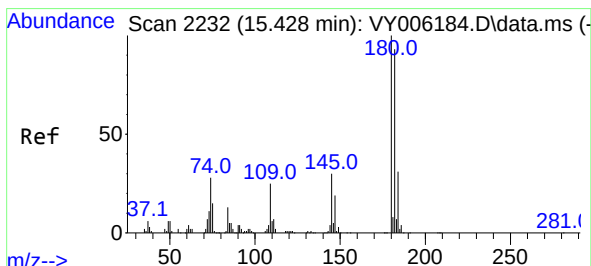
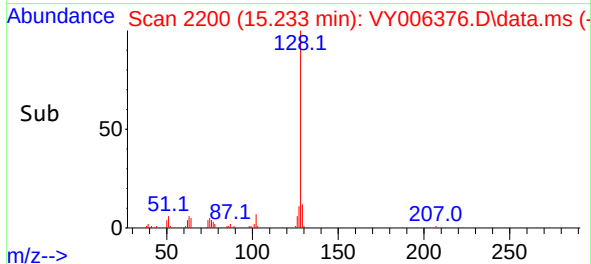
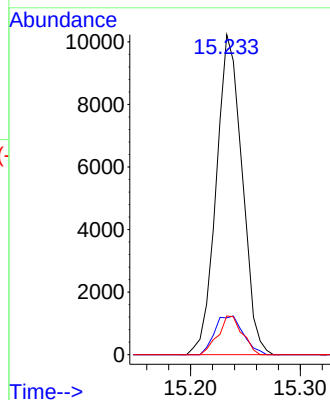
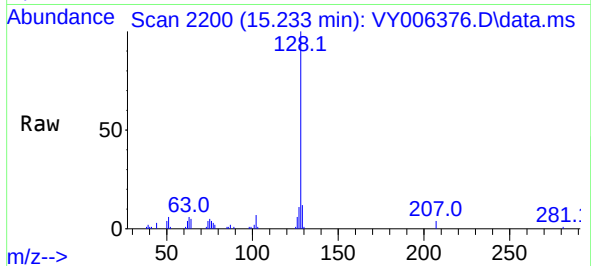
#95
Naphthalene
Concen: 4.444 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:	128	Resp:	16806
Ion Ratio	Lower	Upper	
128	100		
127	13.4	11.0	16.4
129	11.3	8.4	12.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.751 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006376.D
Acq: 12 Oct 2021 13:03

Tgt Ion:	180	Resp:	8015
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.3	141.9
145	31.4	15.3	45.9

