

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022421\
 Data File : VY004048.D
 Acq On : 24 Feb 2021 12:39
 Operator : SY/MD
 Sample : M1458-03 2.5PPBMDL
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Manual Integrations
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 2/25/2021 12:17:51 PM

Quant Time: Feb 25 01:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 25 01:24:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	64831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	98497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	82498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41988	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	38848	53.70	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.40%
35) Dibromofluoromethane	7.716	113	30549	51.45	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.90%
50) Toluene-d8	10.178	98	110897	46.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.16%
62) 4-Bromofluorobenzene	12.477	95	39179	46.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.16%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.899	85	1672	2.72	ug/l 97
3) Chloromethane	2.113	50	2867	3.12	ug/l 89
4) Vinyl Chloride	2.253	62	2397	2.69	ug/l # 86
5) Bromomethane	2.655	94	1807	3.02	ug/l 97
6) Chloroethane	2.802	64	1461	2.71	ug/l 93
7) Trichlorofluoromethane	3.137	101	3014	2.70	ug/l 84
8) Diethyl Ether	3.527	74	904	2.53	ug/l # 46
9) 1,1,2-Trichlorotrifluo...	3.899	101	1454	2.44	ug/l 96
10) Methyl Iodide	4.100	142	1643	2.19	ug/l # 97
11) Tert butyl alcohol	4.948	59	1936	18.04	ug/l # 76
12) 1,1-Dichloroethene	3.881	96	1584	2.65	ug/l 84
13) Acrolein	3.728	56	908	12.62	ug/l 98
14) Allyl chloride	4.472	41	2837	2.50	ug/l 95
15) Acrylonitrile	5.161	53	2404	12.79	ug/l 100
16) Acetone	3.948	43	2618	14.32	ug/l 97
17) Carbon Disulfide	4.204	76	5221	2.70	ug/l # 93
18) Methyl Acetate	4.484	43	1192	2.77	ug/l # 80
19) Methyl tert-butyl Ether	5.228	73	4418	2.51	ug/l 96
20) Methylene Chloride	4.716	84	3496	4.73	ug/l 91
21) trans-1,2-Dichloroethene	5.228	96	1800	2.68	ug/l 93
22) Diisopropyl ether	6.124	45	5466	2.45	ug/l # 96
23) Vinyl Acetate	6.063	43	18368	12.16	ug/l 98
24) 1,1-Dichloroethane	6.015	63	3041	2.55	ug/l # 82
25) 2-Butanone	6.996	43	3110	11.94	ug/l 93
26) 2,2-Dichloropropane	6.984	77	2667	2.42	ug/l 99
27) cis-1,2-Dichloroethene	6.990	96	1905	2.58	ug/l 99
28) Bromochloromethane	7.338	49	1271	2.41	ug/l # 94
29) Tetrahydrofuran	7.350	42	2060	12.25	ug/l 98
30) Chloroform	7.502	83	3342	2.76	ug/l 88
31) Cyclohexane	7.789	56	4180	3.44	ug/l # 65
32) 1,1,1-Trichloroethane	7.709	97	2878	2.59	ug/l 94
36) 1,1-Dichloropropene	7.923	75	2619	2.66	ug/l 95
37) Ethyl Acetate	7.075	43	1458	2.50	ug/l # 82
38) Carbon Tetrachloride	7.904	117	2613	2.57	ug/l 85
39) Methylcyclohexane	9.185	83	2870	2.41	ug/l 88
40) Benzene	8.161	78	7044	2.57	ug/l 95

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Quant Time: Feb 25 01:24:44 2021
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	951m	3.09	ug/l	
42) 1,2-Dichloroethane	8.240	62	2412	2.68	ug/l	97
43) Isopropyl Acetate	8.276	43	2724	2.48	ug/l	95
44) Trichloroethene	8.935	130	1901	2.51	ug/l	100
45) 1,2-Dichloropropane	9.215	63	1612	2.40	ug/l	96
46) Dibromomethane	9.307	93	892	2.38	ug/l	92
47) Bromodichloromethane	9.496	83	2274	2.37	ug/l #	94
48) Methyl methacrylate	9.288	41	1250	2.33	ug/l	93
49) 1,4-Dioxane	9.294	88	196	43.29	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	6013	10.59	ug/l	96
52) Toluene	10.246	92	4120	2.41	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	2179	2.11	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	2613	2.26	ug/l #	93
55) 1,1,2-Trichloroethane	10.642	97	1207	2.27	ug/l	93
56) Ethyl methacrylate	10.514	69	1573	2.07	ug/l	95
57) 1,3-Dichloropropane	10.782	76	2123	2.25	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	4607	13.37	ug/l	99
59) 2-Hexanone	10.831	43	3909	9.77	ug/l	98
60) Dibromochloromethane	10.983	129	1424	2.12	ug/l	96
61) 1,2-Dibromoethane	11.081	107	1140	2.18	ug/l	92
64) Tetrachloroethene	10.715	164	1878	2.47	ug/l	93
65) Chlorobenzene	11.514	112	4232	2.55	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	1629	2.57	ug/l	97
67) Ethyl Benzene	11.587	91	7791	2.50	ug/l	96
68) m/p-Xylenes	11.703	106	5789	5.03	ug/l	100
69) o-Xylene	12.026	106	2679	2.48	ug/l	99
70) Styrene	12.038	104	4113	2.22	ug/l	91
71) Bromoform	12.203	173	1024	2.52	ug/l #	98
73) Isopropylbenzene	12.331	105	7374	2.47	ug/l	97
74) N-amyl acetate	12.142	43	1986	2.21	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	1303	2.40	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	1080m	2.56	ug/l	
77) Bromobenzene	12.605	156	1884	2.57	ug/l	97
78) n-propylbenzene	12.672	91	8800	2.47	ug/l	99
79) 2-Chlorotoluene	12.757	91	5014	2.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	6284	2.47	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.373	75	537m	2.37	ug/l	
82) 4-Chlorotoluene	12.849	91	5430	2.56	ug/l	99
83) tert-Butylbenzene	13.074	119	5357	2.46	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	6204	2.44	ug/l	98
85) sec-Butylbenzene	13.251	105	7190	2.41	ug/l	98
86) p-Isopropyltoluene	13.367	119	6605	2.38	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	3467	2.48	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	3663	2.64	ug/l	86
89) n-Butylbenzene	13.696	91	6597	2.56	ug/l	98
90) Hexachloroethane	13.958	117	1252	2.53	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	3168	2.56	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	257	2.47	ug/l	77
93) 1,2,4-Trichlorobenzene	15.001	180	2506	2.82	ug/l	94
94) Hexachlorobutadiene	15.111	225	1512	2.70	ug/l	96
95) Naphthalene	15.232	128	4343	2.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.415	180	2078	2.74	ug/l	99

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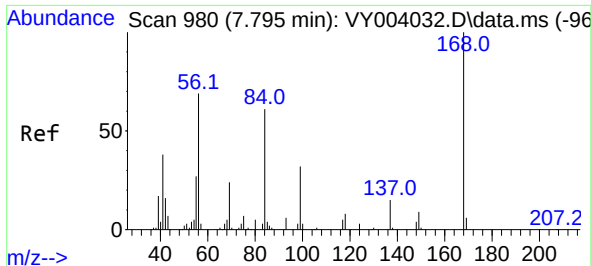
Manual Integrations
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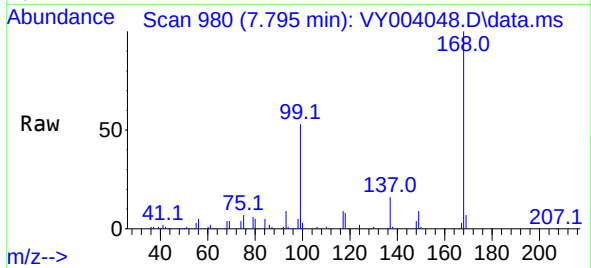
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 Response via : Initial Calibration

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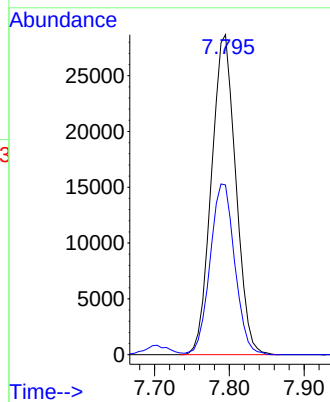
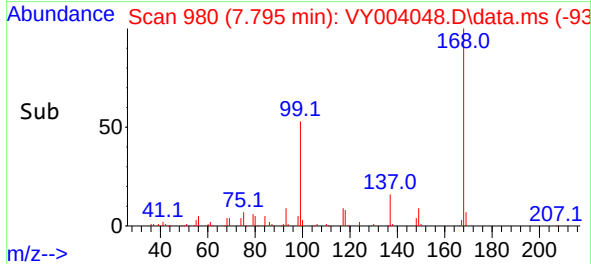
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004048.D
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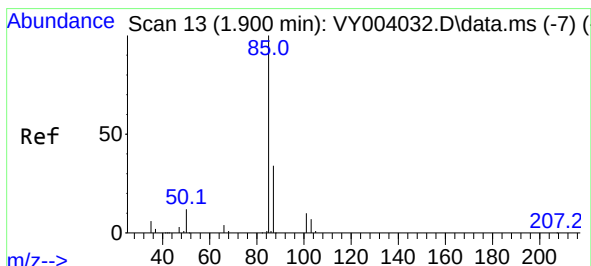
Tgt Ion:168 Resp: 64831
Ion Ratio Lower Upper
168 100
99 53.0 41.2 61.8



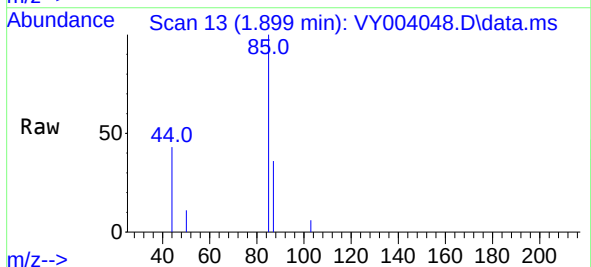
Instrument :
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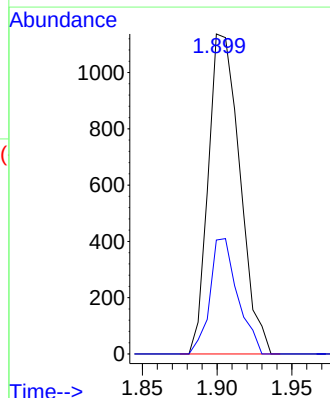
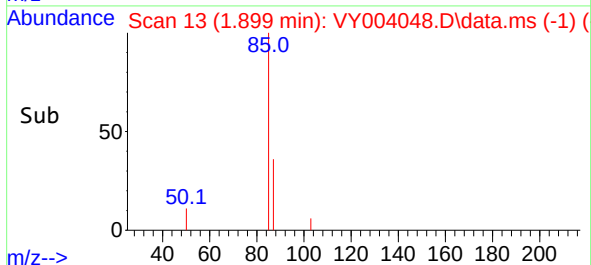
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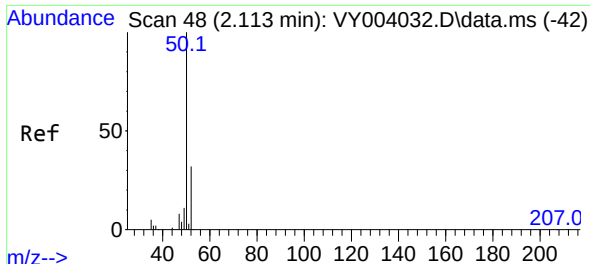


#2
Dichlorodifluoromethane
Concen: 2.72 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



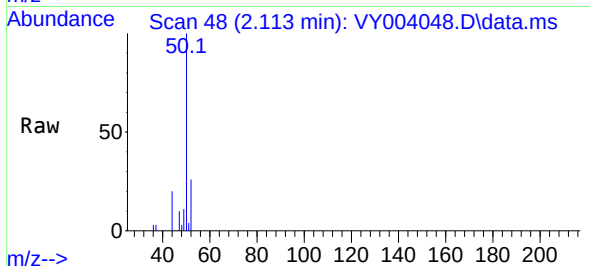
Tgt Ion: 85 Resp: 1672
Ion Ratio Lower Upper
85 100
87 35.6 17.0 51.0





#3
Chloromethane
Concen: 3.12 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

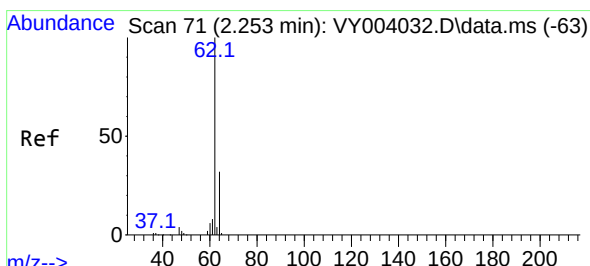
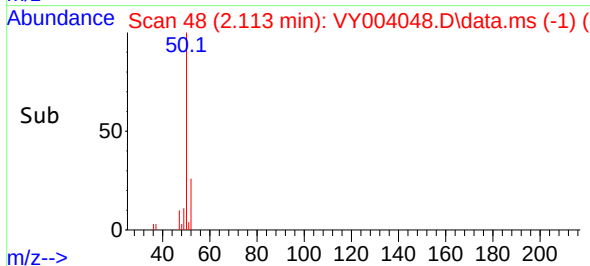
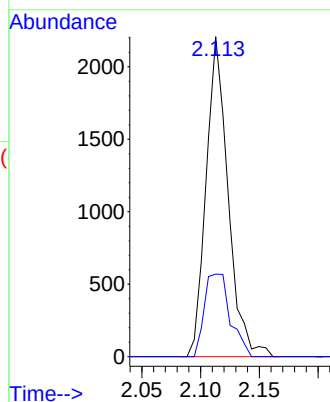
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Tgt Ion: 50 Resp: 2867
Ion Ratio Lower Upper
50 100
52 25.8 25.4 38.2

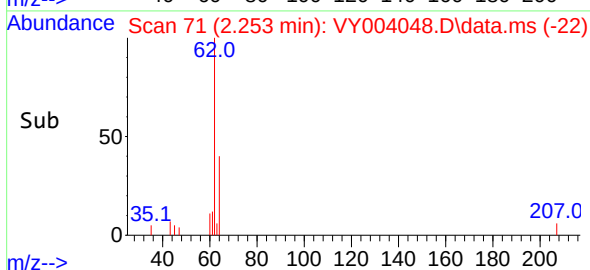
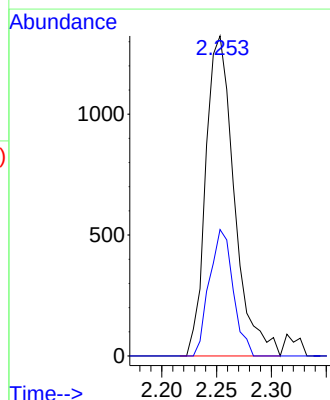
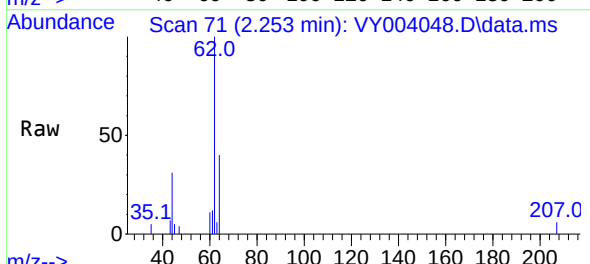
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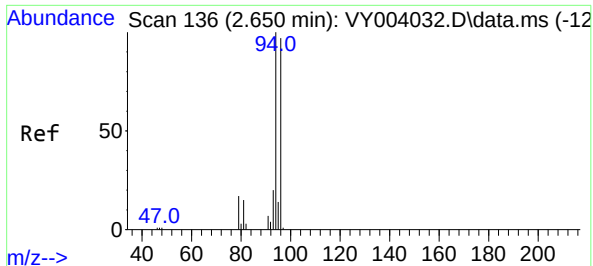
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#4
Vinyl Chloride
Concen: 2.69 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 62 Resp: 2397
Ion Ratio Lower Upper
62 100
64 39.5 25.3 37.9#





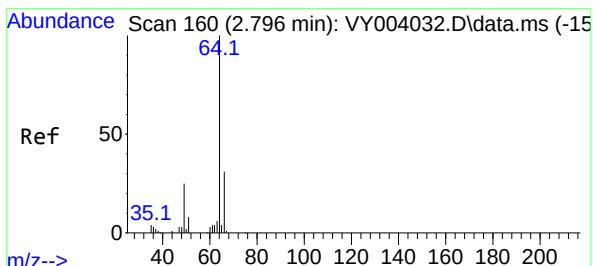
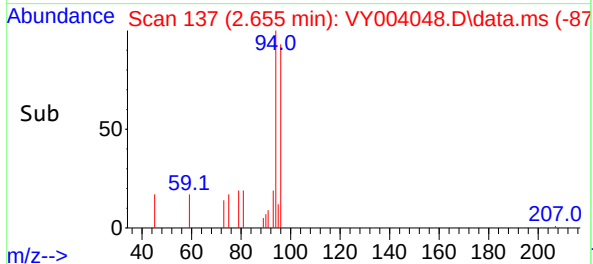
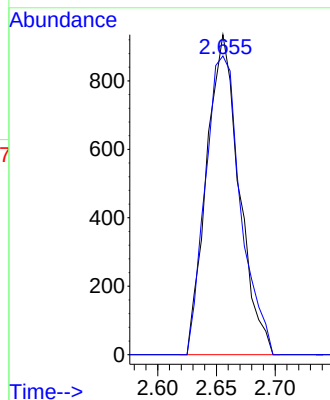
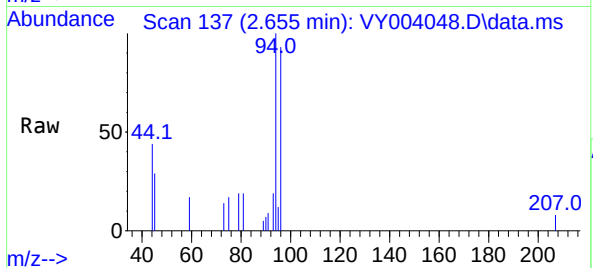
#5
Bromomethane
Concen: 3.02 ug/l
RT: 2.655 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 94 Resp: 1807
Ion Ratio Lower Upper
94 100
96 93.4 77.4 116.2

Instrument :
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ClientSampleId :
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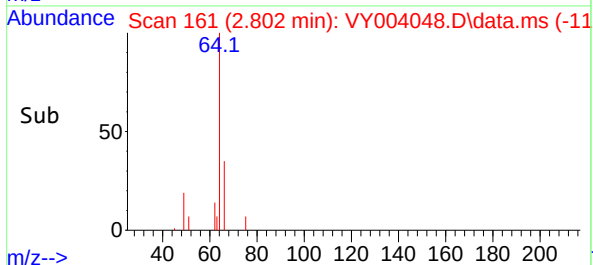
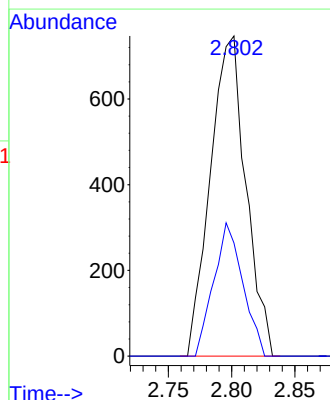
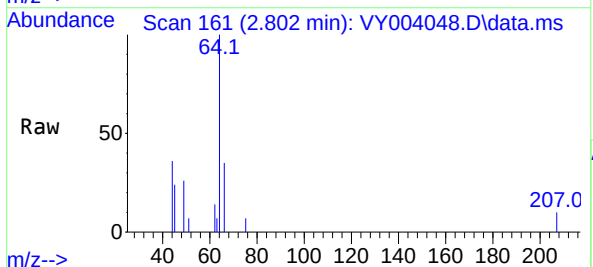
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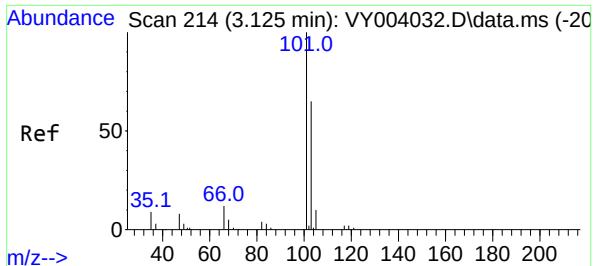
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#6
Chloroethane
Concen: 2.71 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 64 Resp: 1461
Ion Ratio Lower Upper
64 100
66 35.3 25.0 37.6





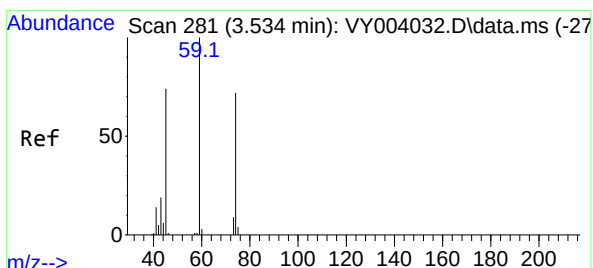
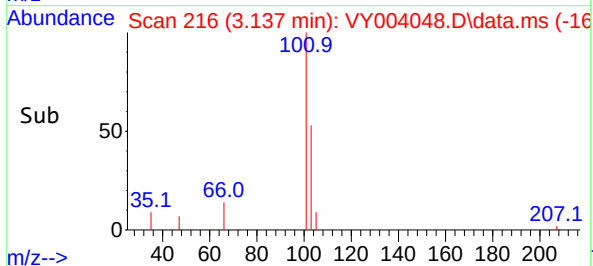
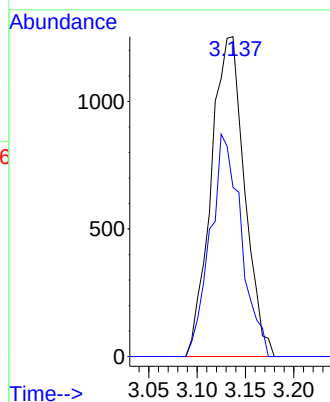
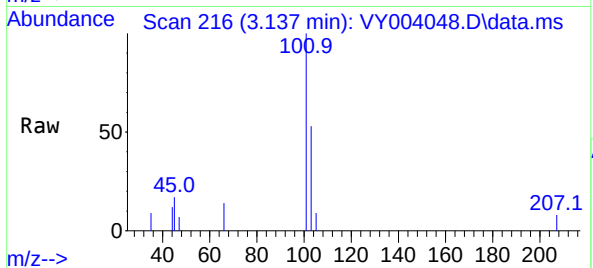
#7
Trichlorofluoromethane
Concen: 2.70 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 101 Resp: 3014
Ion Ratio Lower Upper
101 100
103 52.9 52.2 78.2

Instrument :
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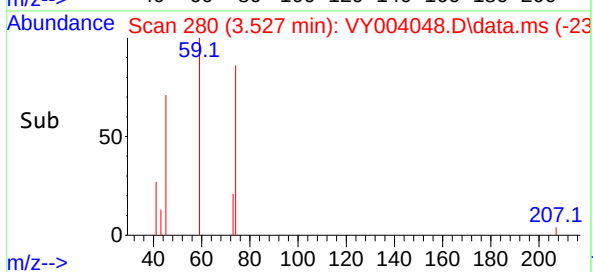
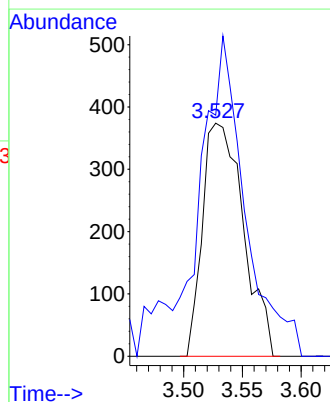
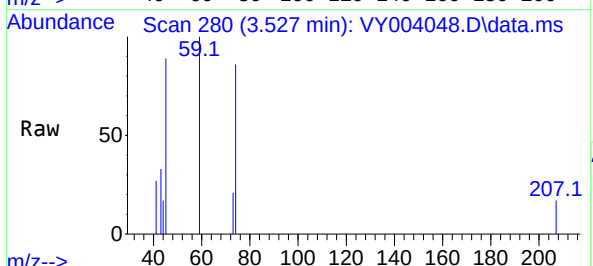
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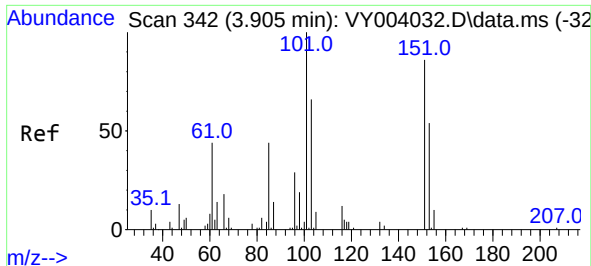
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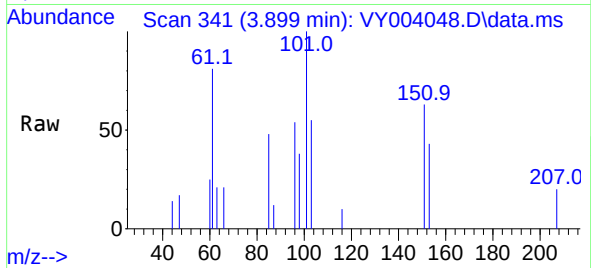
#8
Diethyl Ether
Concen: 2.53 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 74 Resp: 904
Ion Ratio Lower Upper
74 100
45 160.8 52.6 157.8#

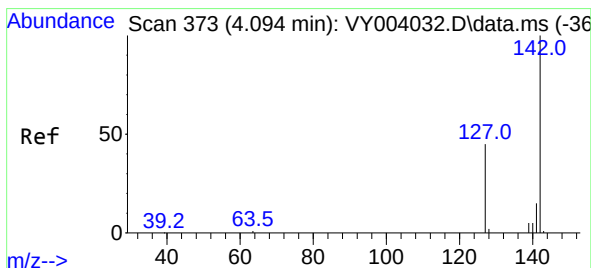
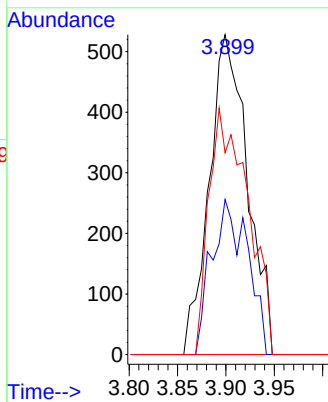
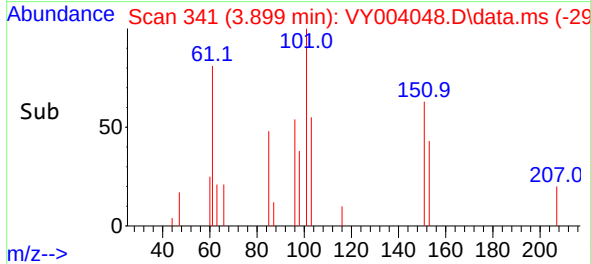




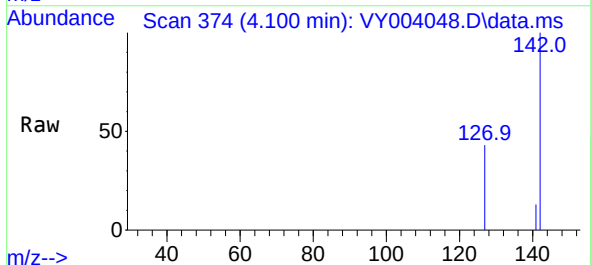
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.44 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



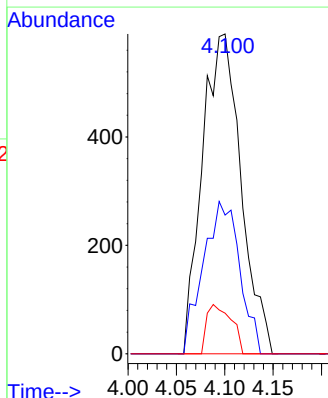
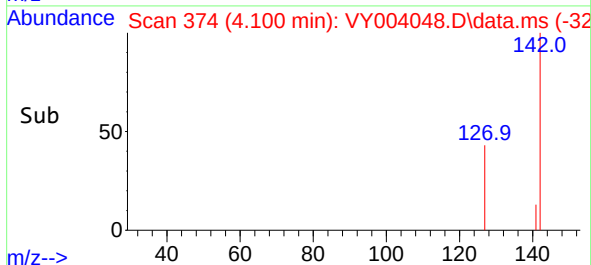
Tgt Ion:101 Resp: 1454
Ion Ratio Lower Upper
101 100
85 45.5 36.1 54.1
151 78.5 66.9 100.3



#10
Methyl Iodide
Concen: 2.19 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



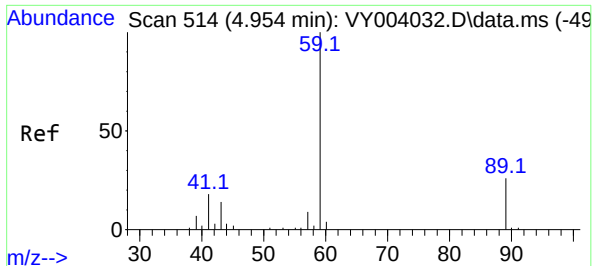
Tgt Ion:142 Resp: 1643
Ion Ratio Lower Upper
142 100
127 44.7 35.4 53.0
141 9.8 11.5 17.3#



Instrument :
MSVOA_Y
ClientSampleId :
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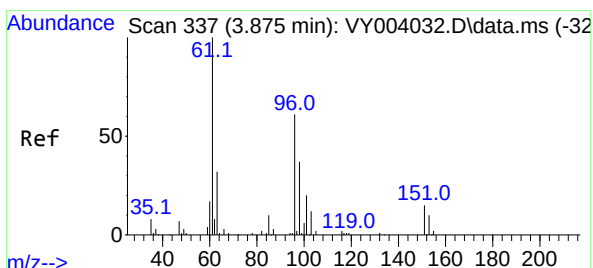
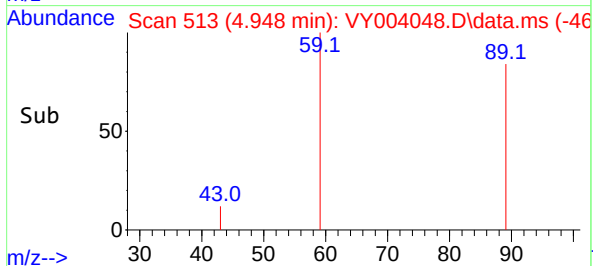
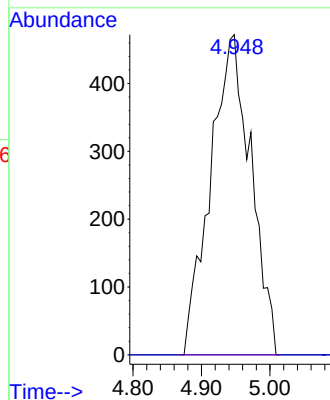
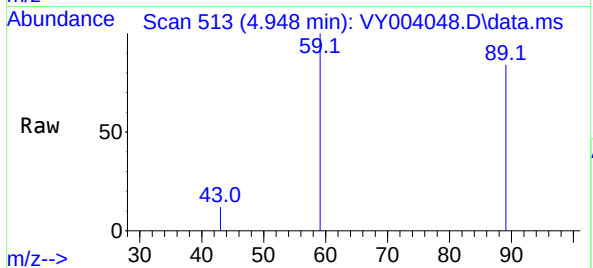
#11
Tert butyl alcohol
Concen: 18.04 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 59 Resp: 1936
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

Instrument :
MSVOA_Y
ClientSampleId :
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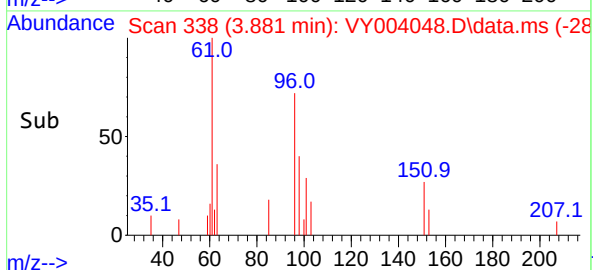
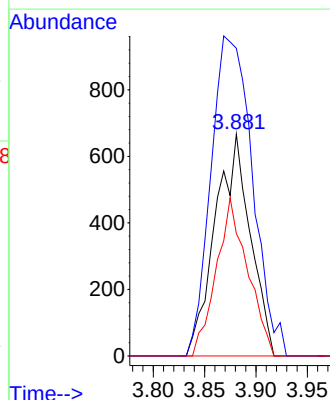
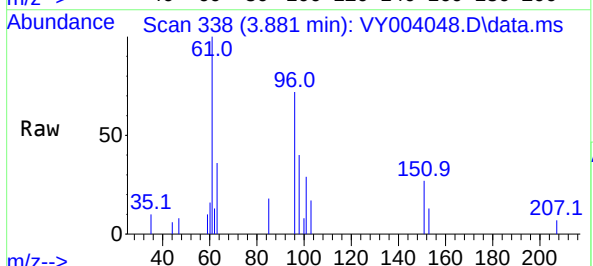
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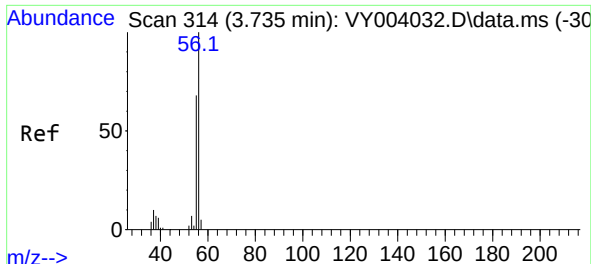
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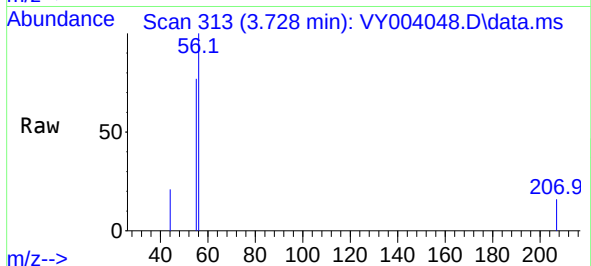
#12
1,1-Dichloroethene
Concen: 2.65 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 96 Resp: 1584
Ion Ratio Lower Upper
96 100
61 138.7 130.7 196.1
98 55.2 48.9 73.3

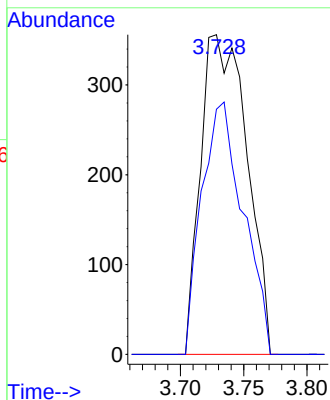
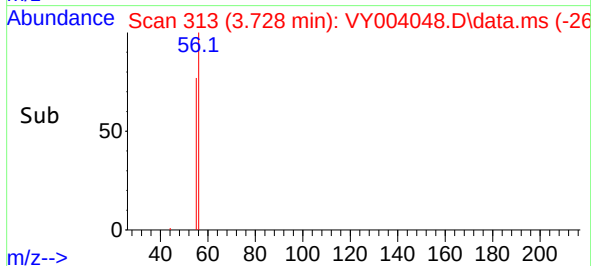




#13
Acrolein
Concen: 12.62 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



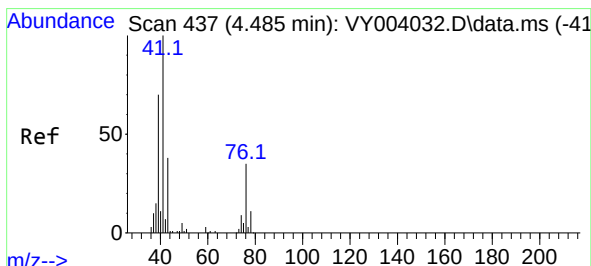
Tgt Ion: 56 Resp: 908
Ion Ratio Lower Upper
56 100
55 70.7 55.4 83.0



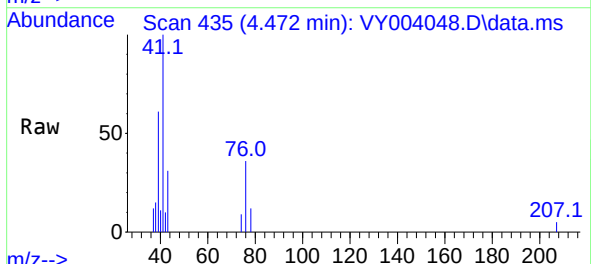
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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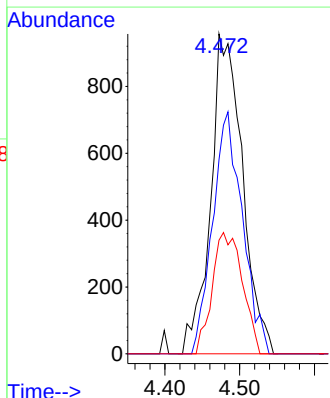
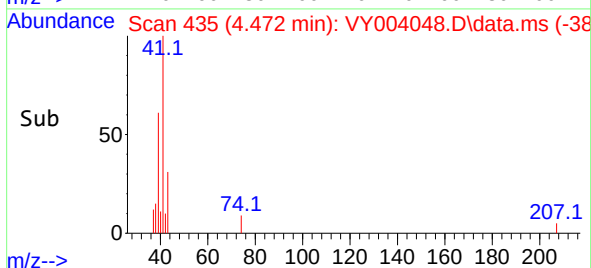
MMDadoda
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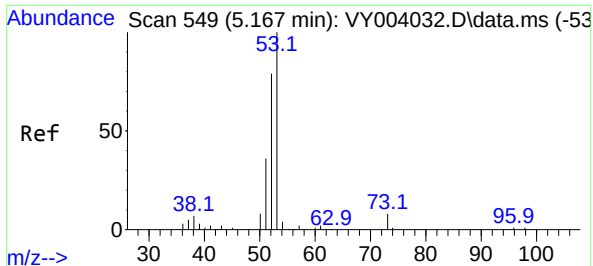


#14
Allyl chloride
Concen: 2.50 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



Tgt Ion: 41 Resp: 2837
Ion Ratio Lower Upper
41 100
39 70.8 54.0 81.0
76 36.0 26.1 39.1





#15

Acrylonitrile

Concen: 12.79 ug/l

RT: 5.161 min Scan# 548

Delta R.T. -0.006 min

Lab File: VY004048.D

Acq: 24 Feb 2021 12:39

Tgt Ion: 53	Resp: 2404
Ion Ratio	Lower Upper
53 100	
52 82.9	66.2 99.4
51 36.4	29.5 44.3

Instrument :

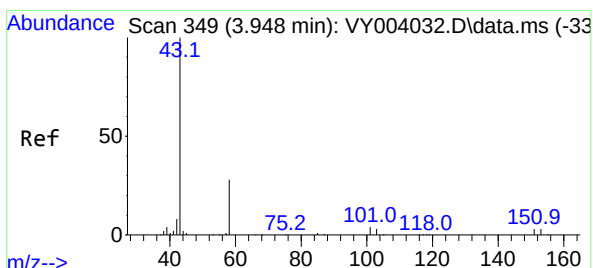
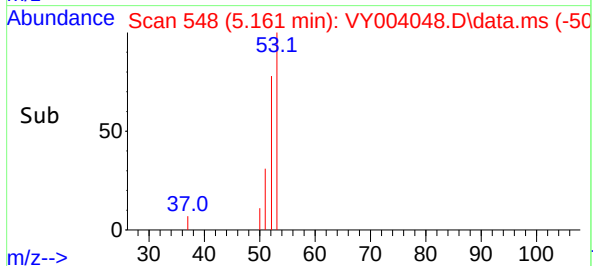
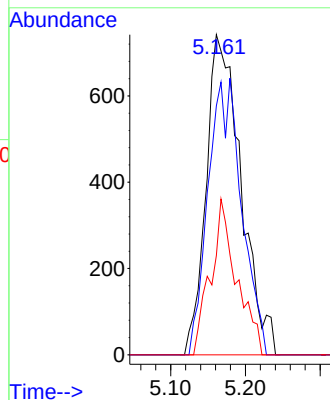
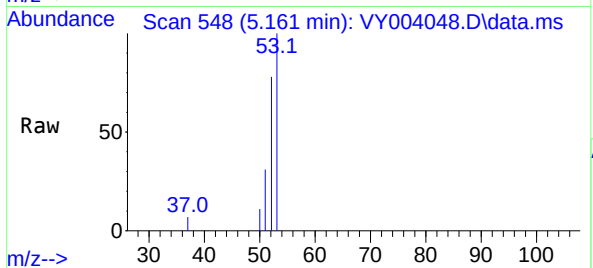
MSVOA_Y

ClientSampleId :

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#16

Acetone

Concen: 14.32 ug/l

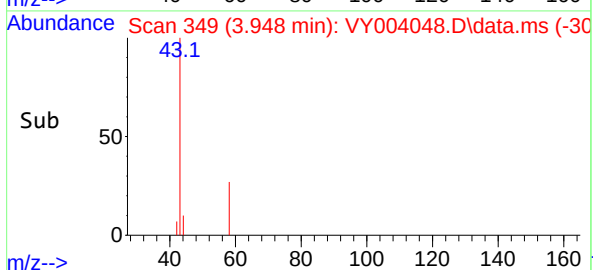
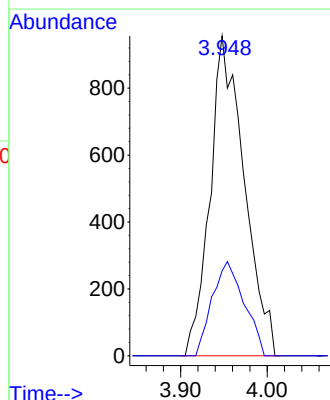
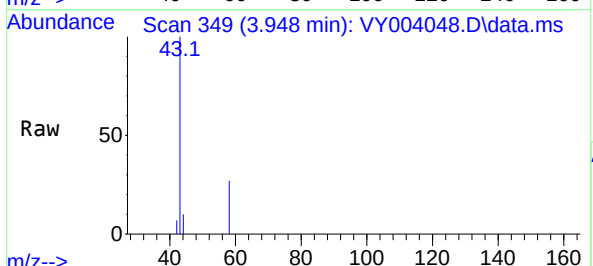
RT: 3.948 min Scan# 349

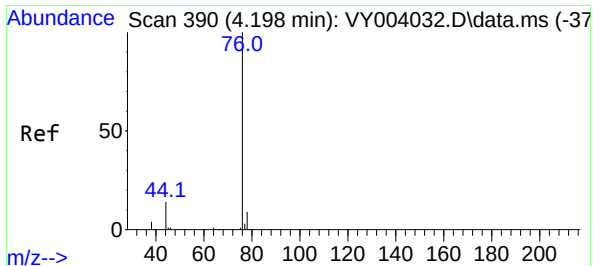
Delta R.T. -0.000 min

Lab File: VY004048.D

Acq: 24 Feb 2021 12:39

Tgt Ion: 43	Resp: 2618		
Ion Ratio	Lower	Upper	
43 100			
58 26.6	22.6	34.0	





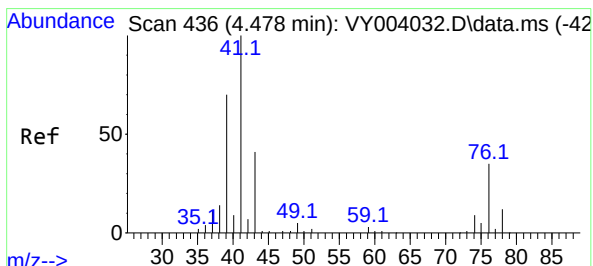
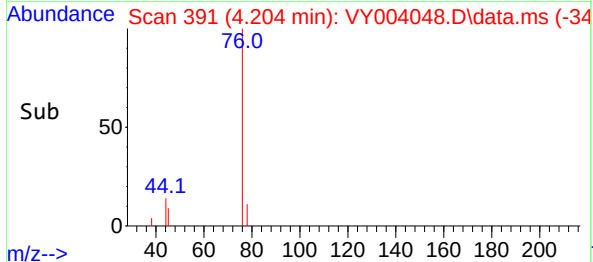
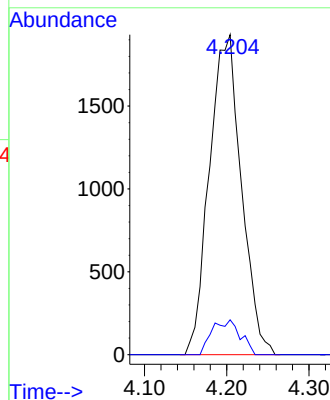
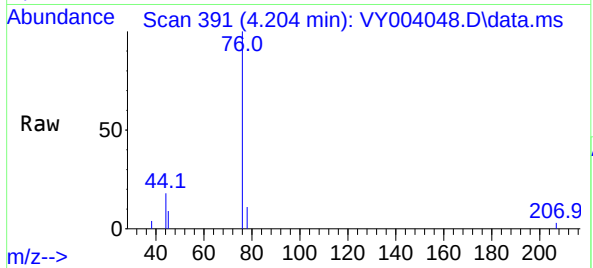
#17
Carbon Disulfide
Concen: 2.70 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 76 Resp: 5221
Ion Ratio Lower Upper
76 100
78 10.9 6.8 10.2#

Instrument :
MSVOA_Y
ClientSampleId :
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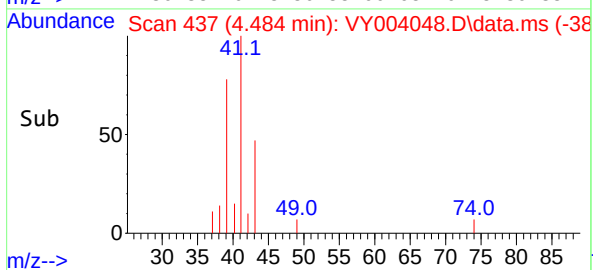
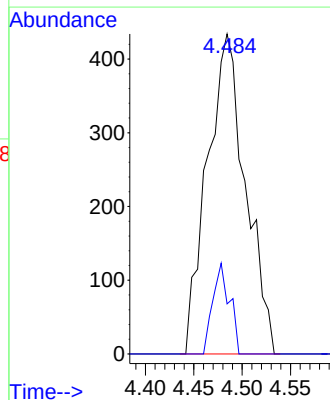
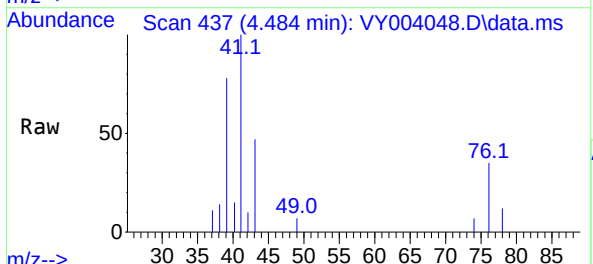
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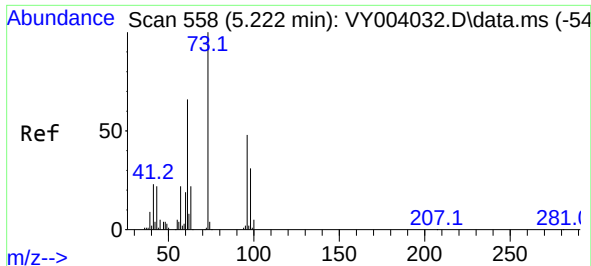
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#18
Methyl Acetate
Concen: 2.77 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
74 12.4 17.6 26.4#





#19

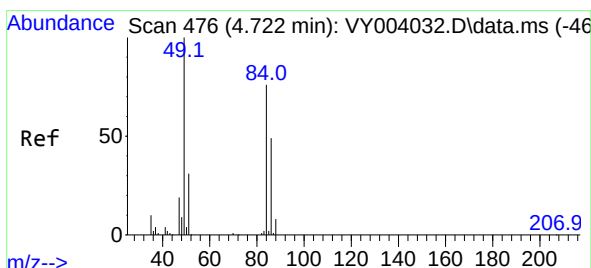
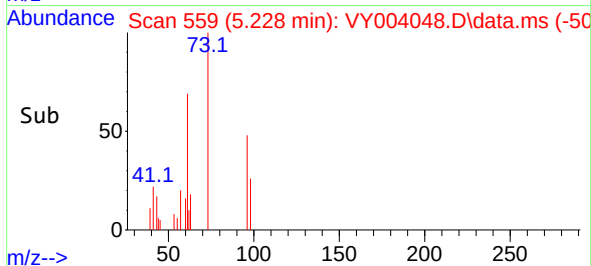
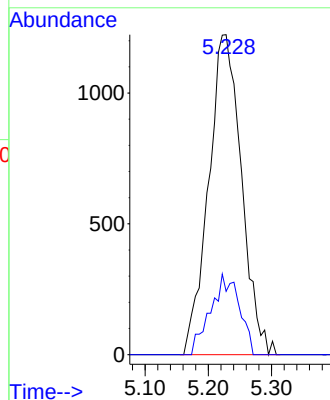
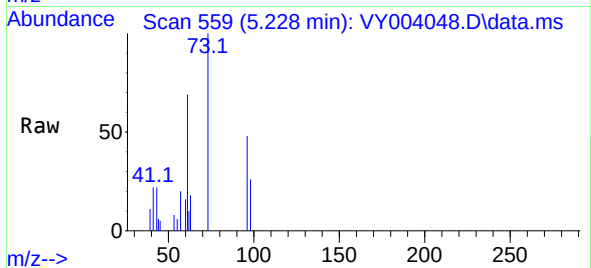
Methyl tert-butyl Ether
Concen: 2.51 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 73 Resp: 4418
Ion Ratio Lower Upper
73 100
57 19.8 17.5 26.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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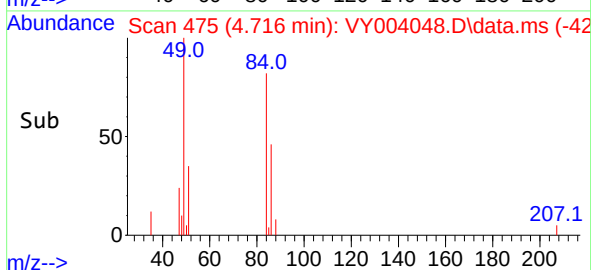
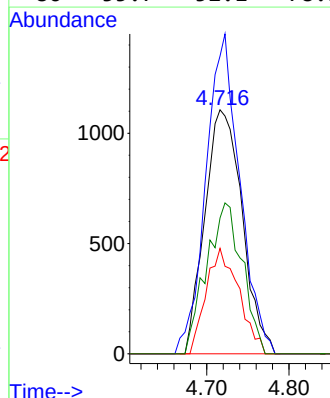
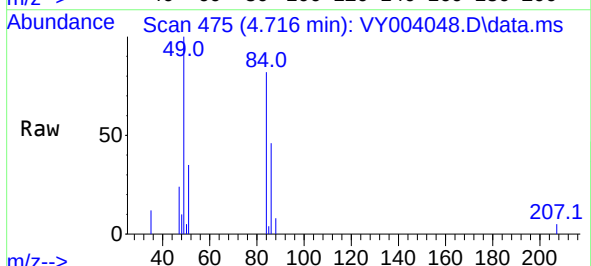
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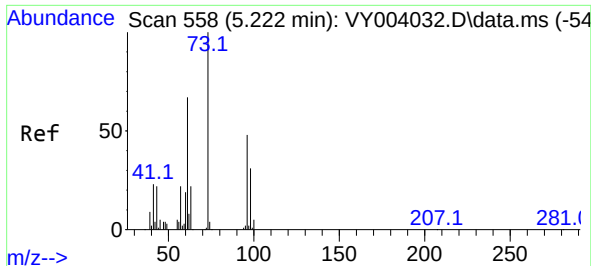


#20

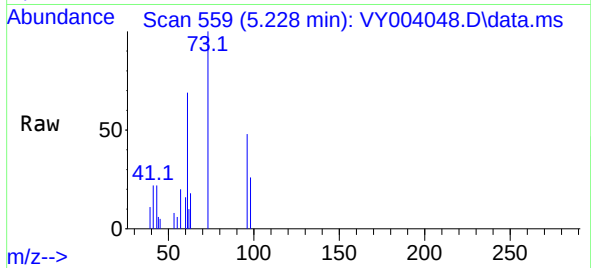
Methylene Chloride
Concen: 4.73 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 84 Resp: 3496
Ion Ratio Lower Upper
84 100
49 122.1 105.8 158.6
51 43.2 32.6 48.8
86 55.7 52.1 78.1



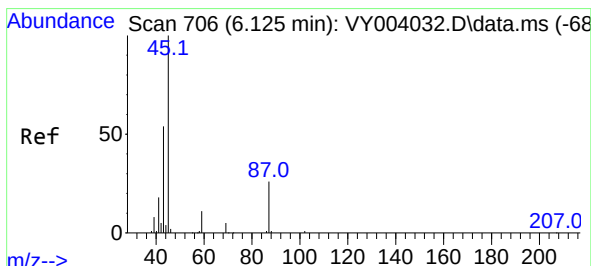
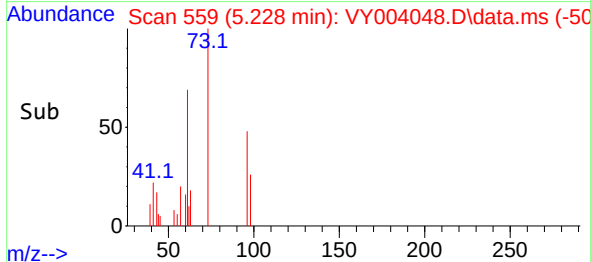
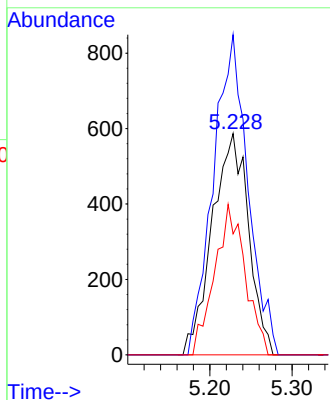


#21
trans-1,2-Dichloroethene
Concen: 2.68 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

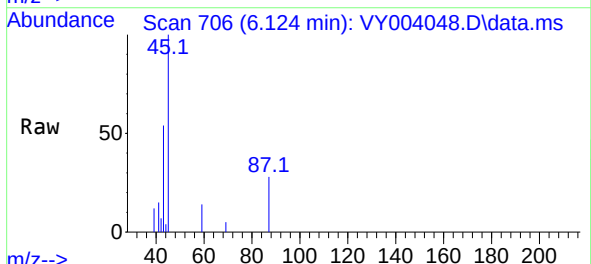


Tgt Ion: 96 Resp: 1800

Ion	Ratio	Lower	Upper
96	100		
61	144.6	110.8	166.2
98	54.7	51.0	76.6

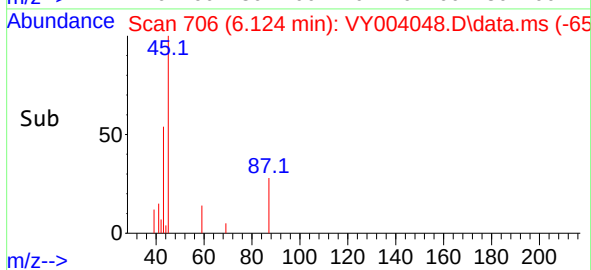
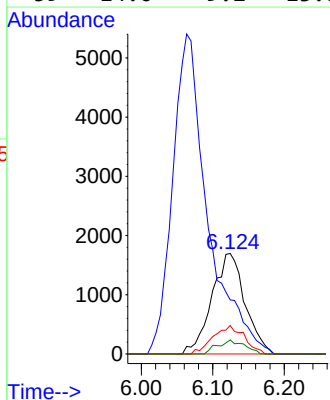


#22
Diisopropyl ether
Concen: 2.45 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



Tgt Ion: 45 Resp: 5466

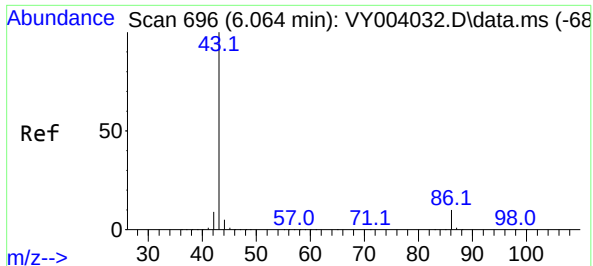
Ion	Ratio	Lower	Upper
45	100		
43	53.8	45.1	67.7
87	28.3	21.0	31.4
59	14.0	9.2	13.8



Instrument :
MSVOA_Y
ClientSampleId :
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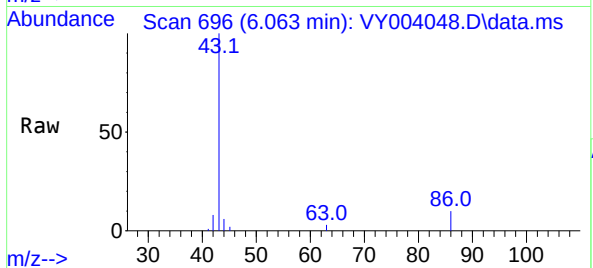
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#23
 Vinyl Acetate
 Concen: 12.16 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY004048.D
 Acq: 24 Feb 2021 12:39

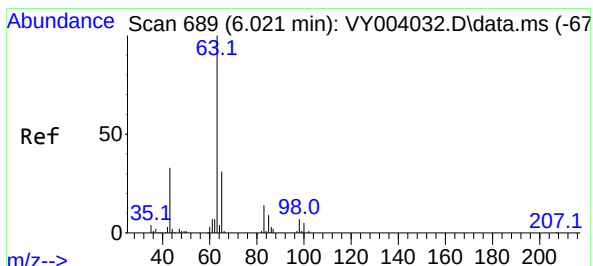
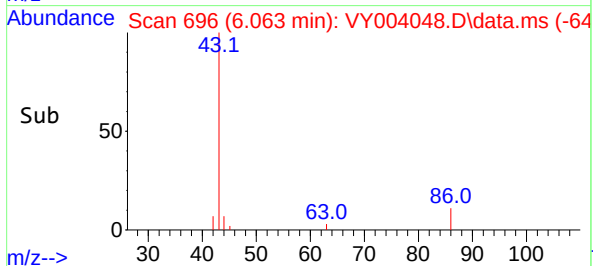
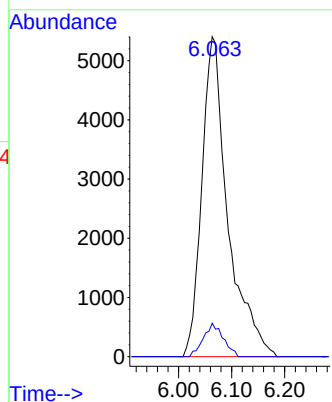
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2021



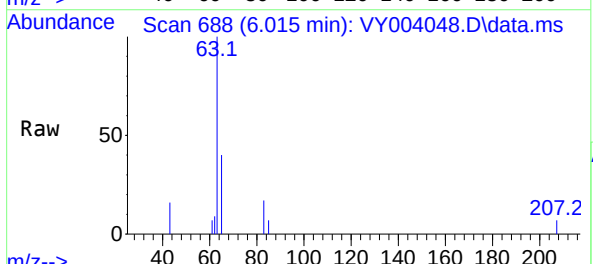
Tgt Ion: 43 Resp: 18368
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.6

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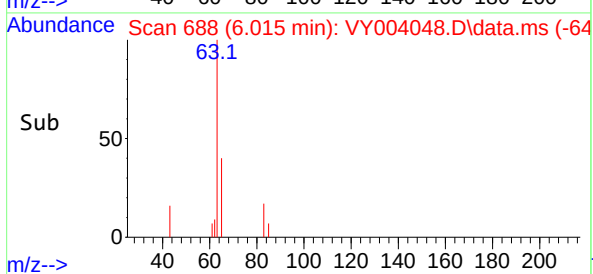
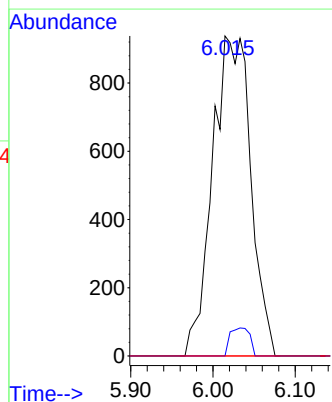
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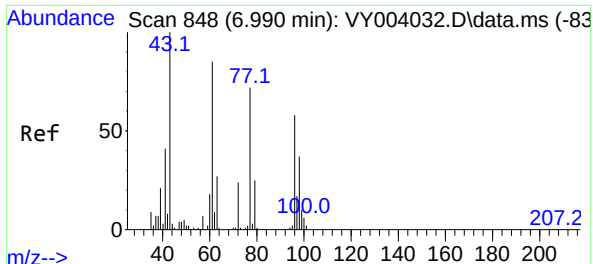


#24
 1,1-Dichloroethane
 Concen: 2.55 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY004048.D
 Acq: 24 Feb 2021 12:39



Tgt Ion: 63 Resp: 3041
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.3 6.9#





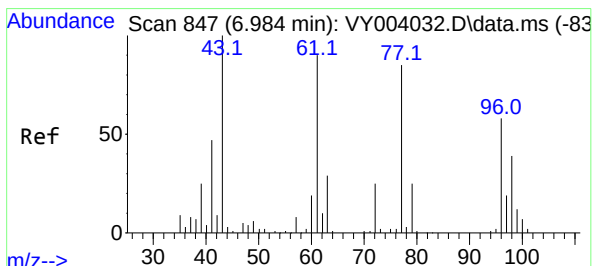
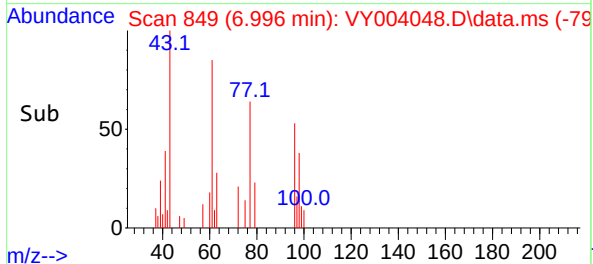
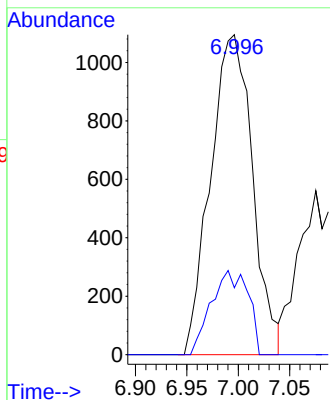
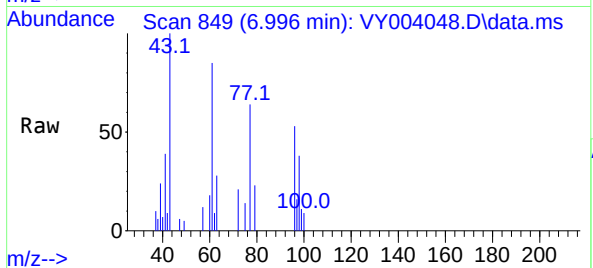
#25
2-Butanone
Concen: 11.94 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 43 Resp: 3110
Ion Ratio Lower Upper
43 100
72 20.9 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
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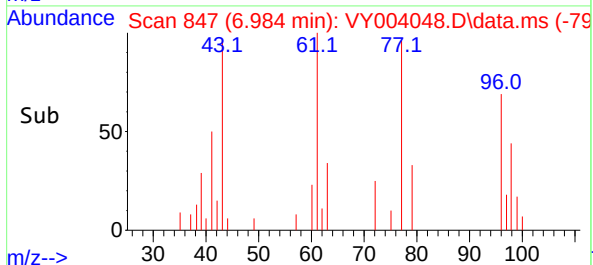
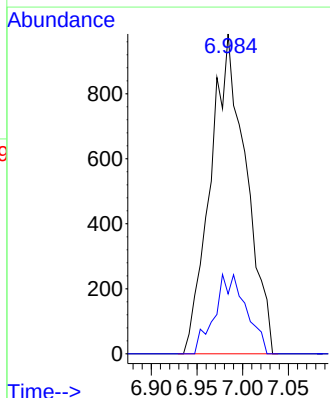
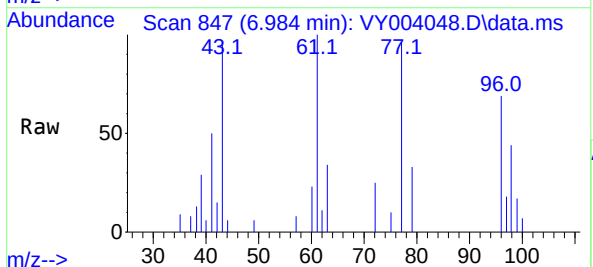
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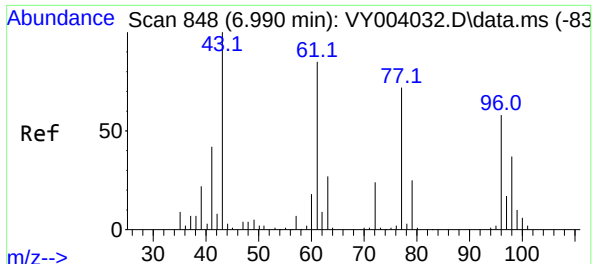
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#26
2,2-Dichloropropane
Concen: 2.42 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

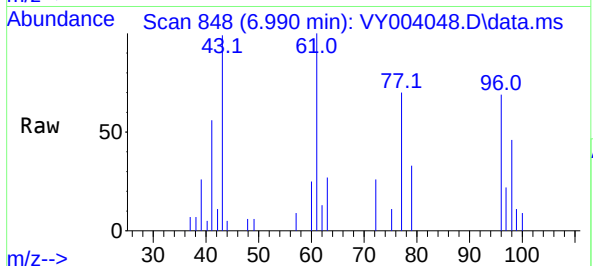
Tgt Ion: 77 Resp: 2667
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.1



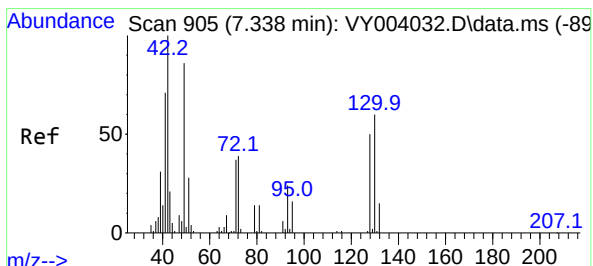
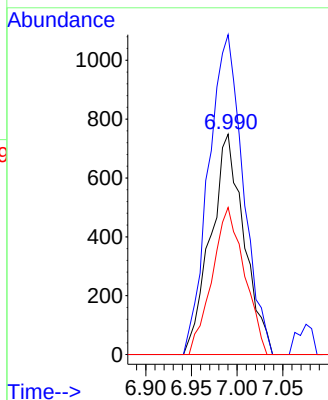
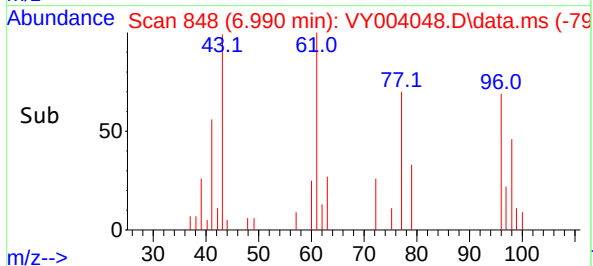


#27

cis-1,2-Dichloroethene
Concen: 2.58 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

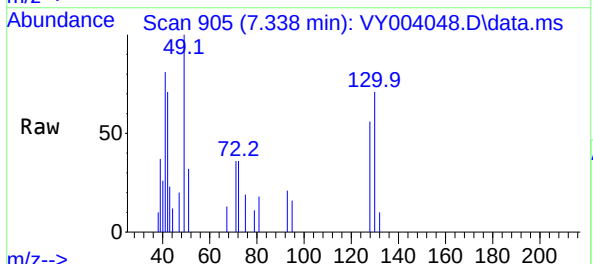


Tgt Ion:	96	Resp:	1905
Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	303.6
98	64.4	0.0	130.6

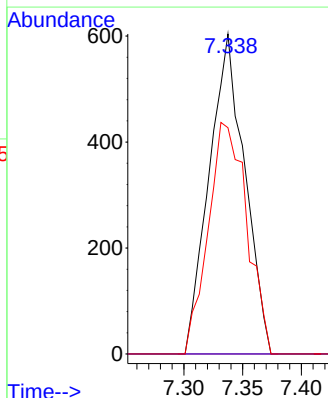
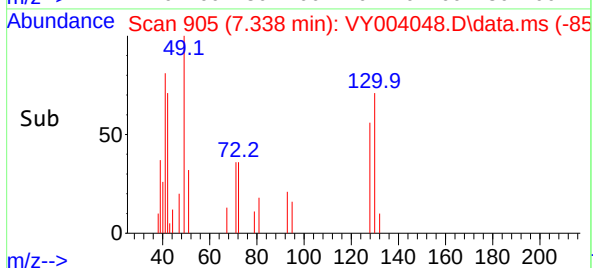


#28

Bromochloromethane
Concen: 2.41 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



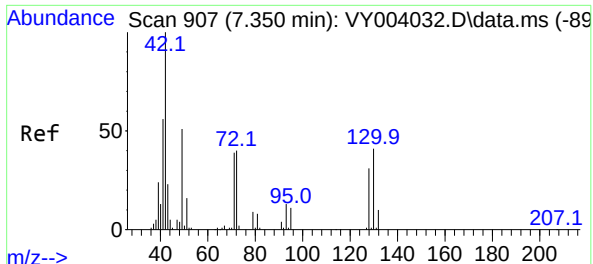
Tgt Ion:	49	Resp:	1271
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	78.4	59.0	88.4



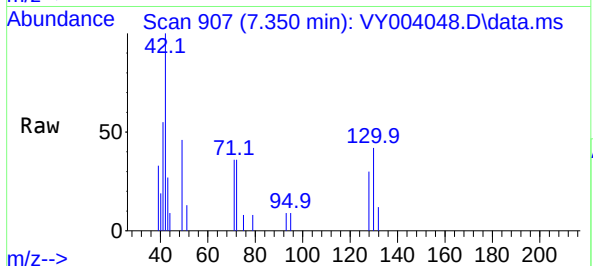
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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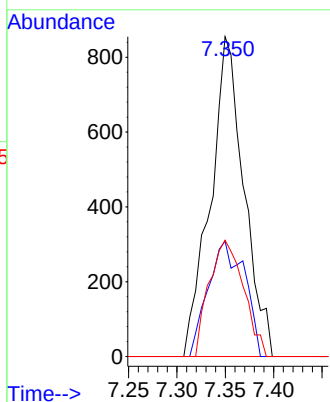
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#29
Tetrahydrofuran
Concen: 12.25 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



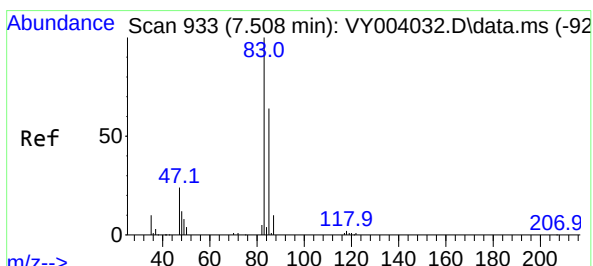
Tgt Ion:	42	Resp:	2060
Ion	Ratio	Lower	Upper
42	100		
72	39.2	32.6	48.8
71	37.3	31.0	46.6



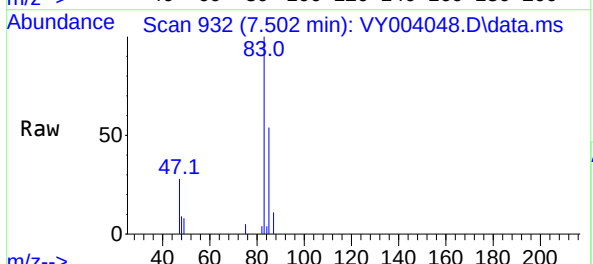
Instrument :
MSVOA_Y
ClientSampleId :
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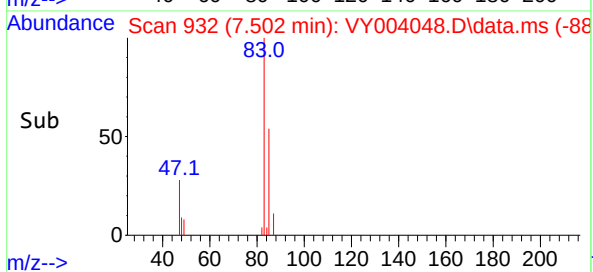
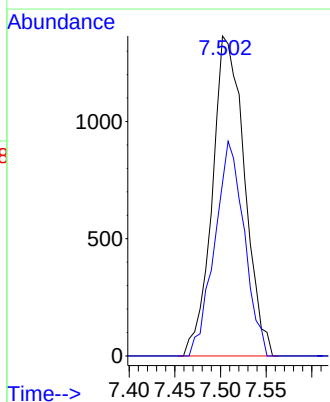
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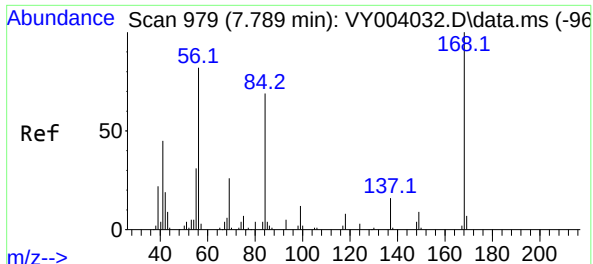


#30
Chloroform
Concen: 2.76 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

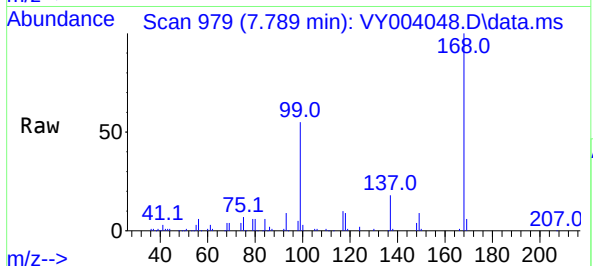


Tgt Ion:	83	Resp:	3342
Ion	Ratio	Lower	Upper
83	100		
85	54.1	51.0	76.6

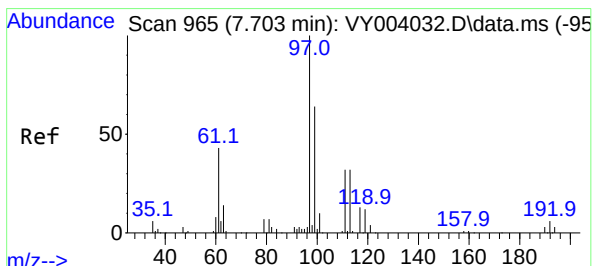
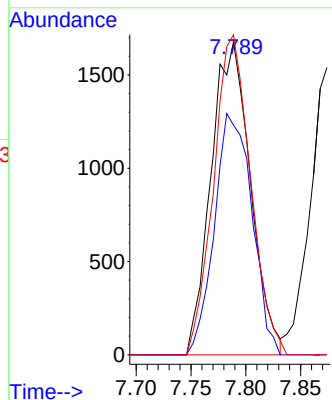
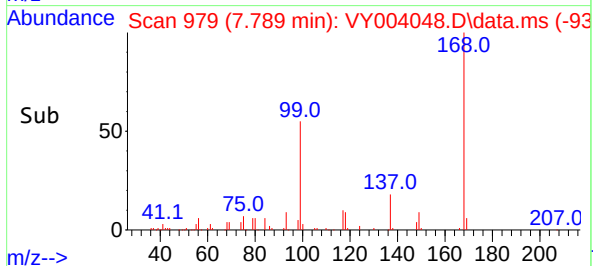




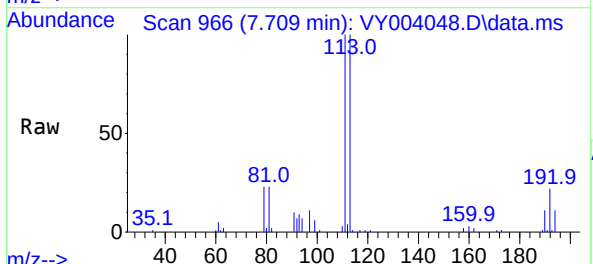
#31
Cyclohexane
Concen: 3.44 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



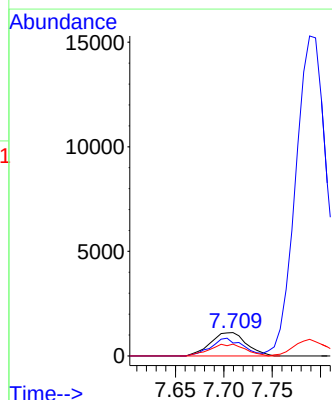
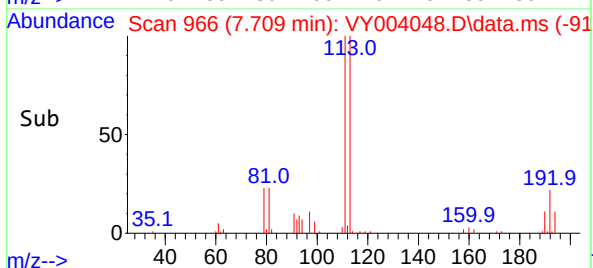
Tgt Ion: 56 Resp: 4180
Ion Ratio Lower Upper
56 100
69 73.4 25.3 37.9#
84 102.3 67.3 100.9#



#32
1,1,1-Trichloroethane
Concen: 2.59 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



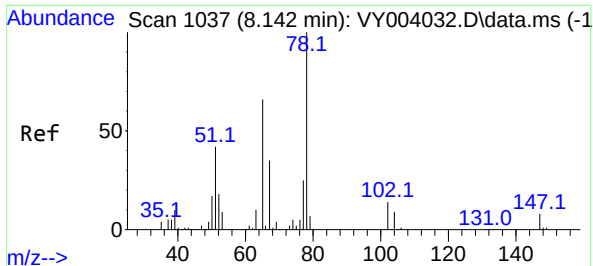
Tgt Ion: 97 Resp: 2878
Ion Ratio Lower Upper
97 100
99 67.5 51.8 77.6
61 49.8 34.5 51.7



Instrument :
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ClientSampleId :
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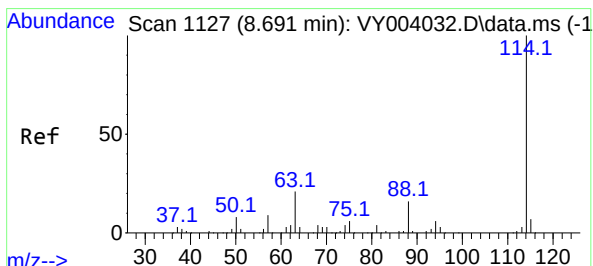
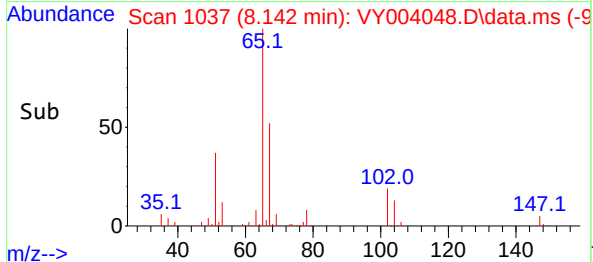
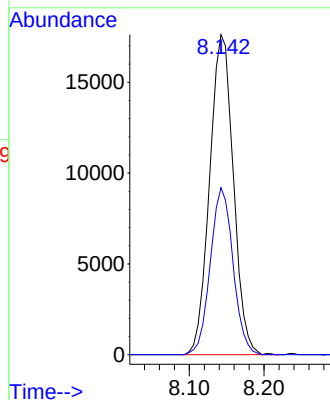
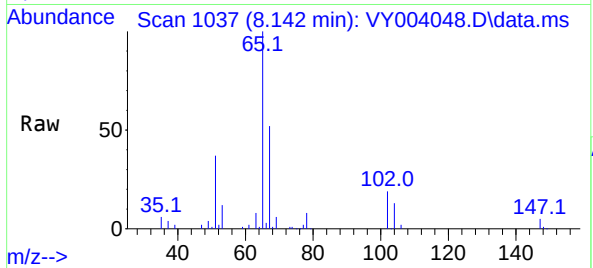
#33
1,2-Dichloroethane-d4
Concen: 53.70 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 65 Resp: 38848
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.4

Instrument :
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ClientSampleId :
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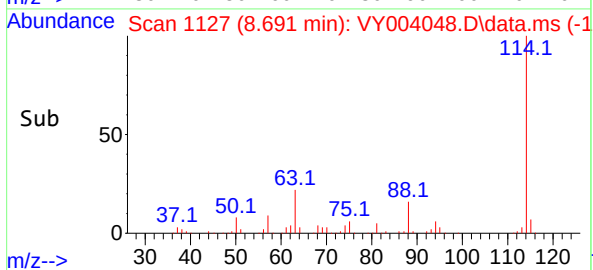
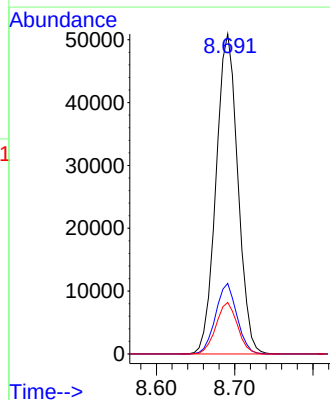
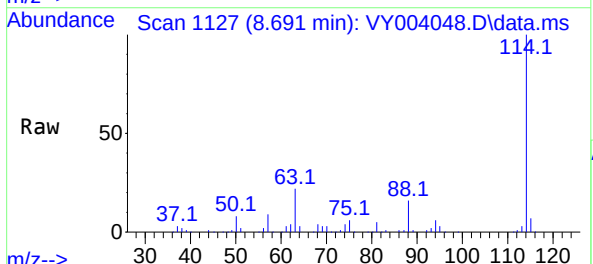
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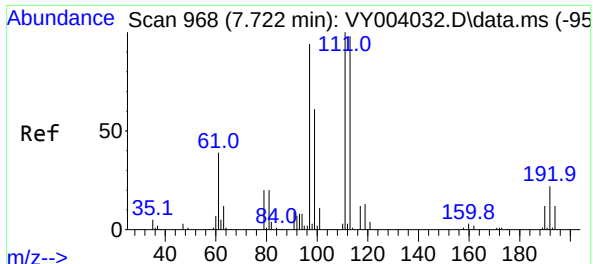
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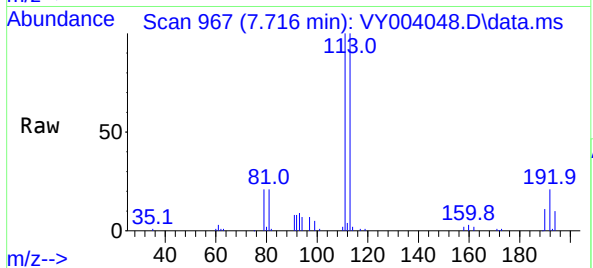
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 114 Resp: 98497
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.6
88 16.1 0.0 31.4

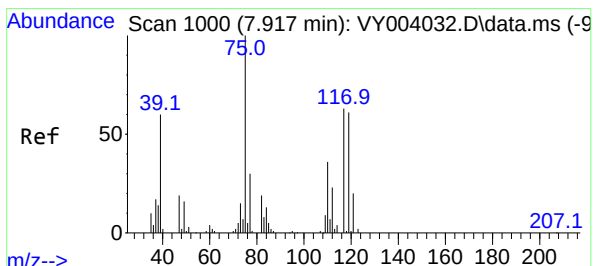
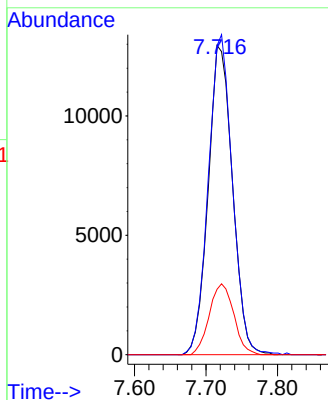
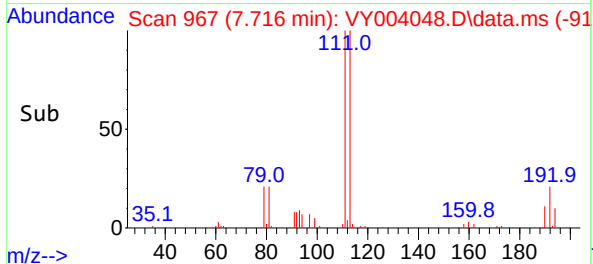




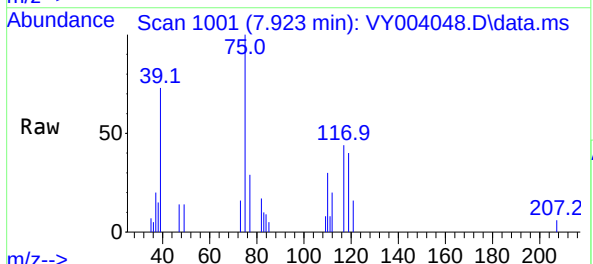
#35
Dibromofluoromethane
Concen: 51.45 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



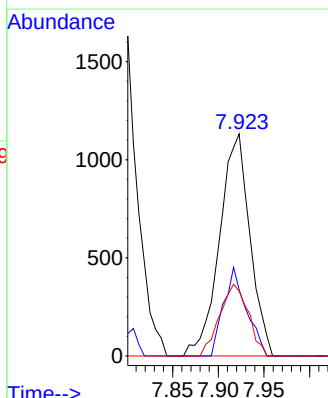
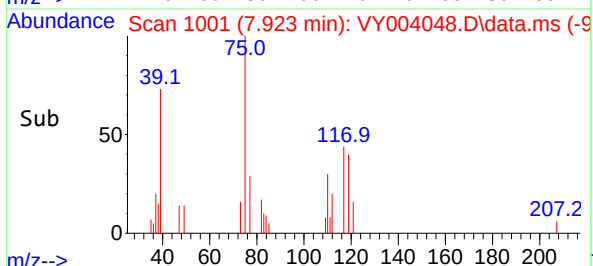
Tgt Ion: 113 Resp: 30549
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 23.1 18.5 27.7



#36
1,1-Dichloropropene
Concen: 2.66 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



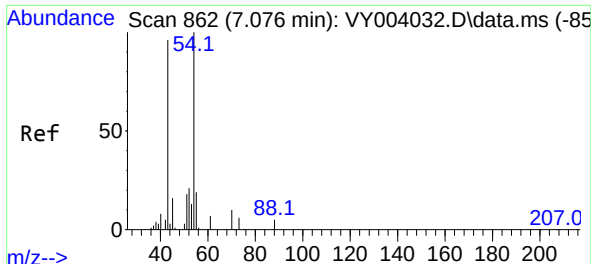
Tgt Ion: 75 Resp: 2619
Ion Ratio Lower Upper
75 100
110 29.9 17.4 52.3
77 30.3 24.5 36.7



Instrument :
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ClientSampleId :
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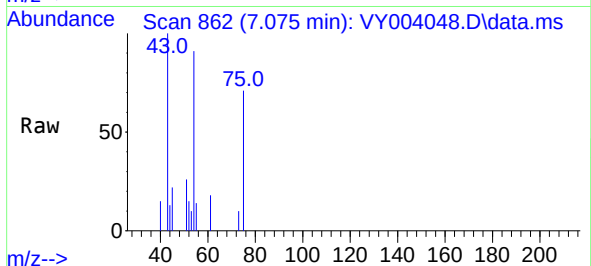
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#37
Ethyl Acetate
Concen: 2.50 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

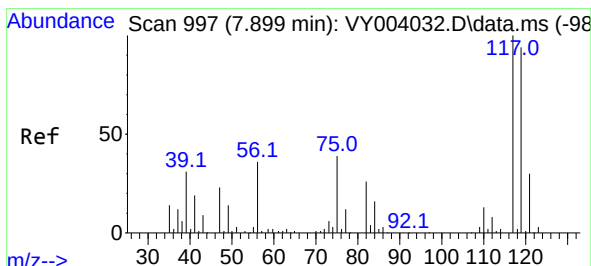
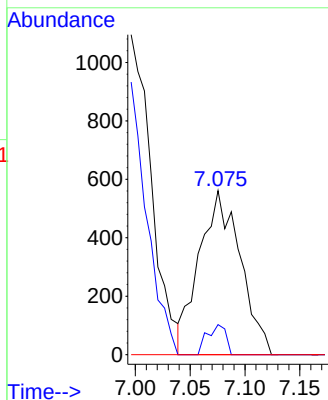
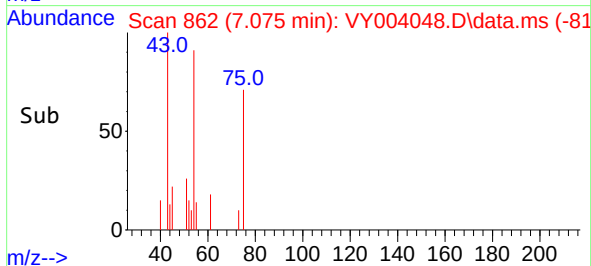
Instrument :
MSVOA_Y
ClientSampleId :
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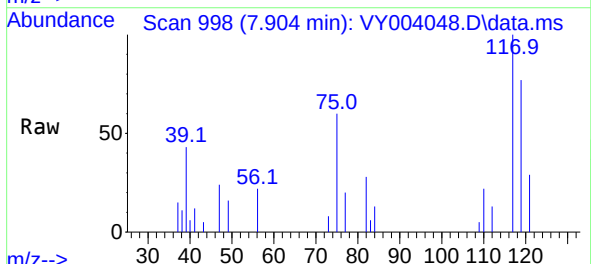
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
61 8.3 10.7 16.1#
70 0.0 7.7 11.5#

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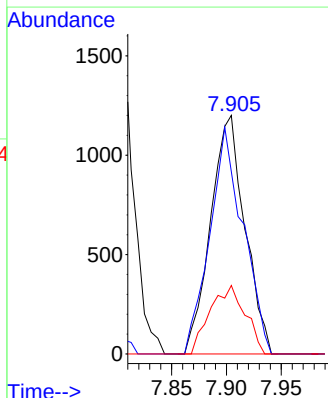
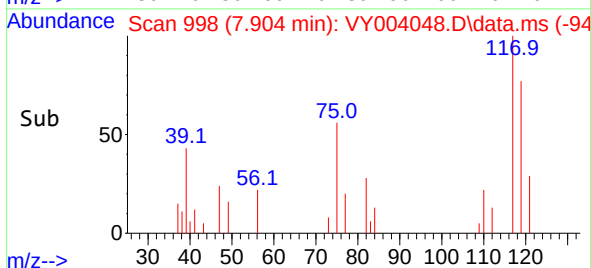
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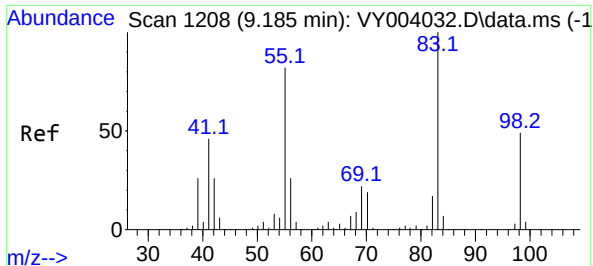


#38
Carbon Tetrachloride
Concen: 2.57 ug/l
RT: 7.904 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



Tgt Ion: 117 Resp: 2613
Ion Ratio Lower Upper
117 100
119 76.5 75.4 113.0
121 28.8 24.2 36.2





#39

Methylcyclohexane

Concen: 2.41 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY004048.D

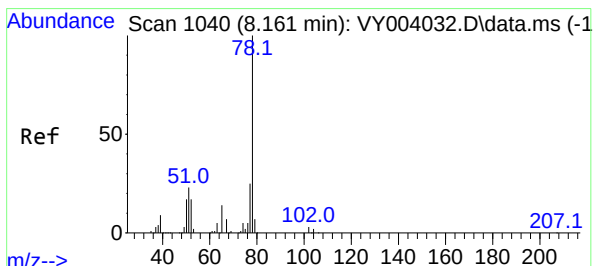
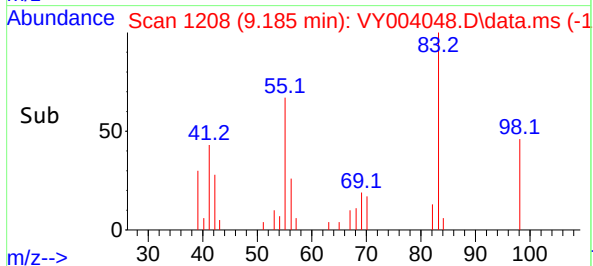
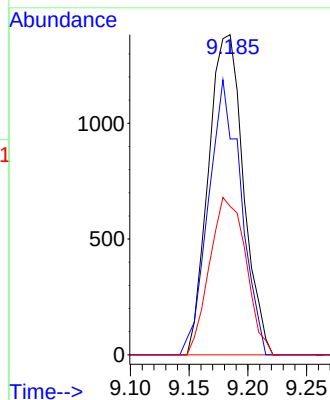
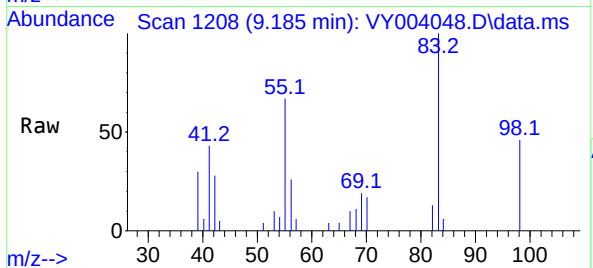
Acq: 24 Feb 2021 12:39

Tgt Ion:	83	Resp:	2870
Ion	Ratio	Lower	Upper
83	100		
55	67.4	65.6	98.4
98	46.3	39.5	59.3

Instrument :
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ClientSampleId :
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#40

Benzene

Concen: 2.57 ug/l

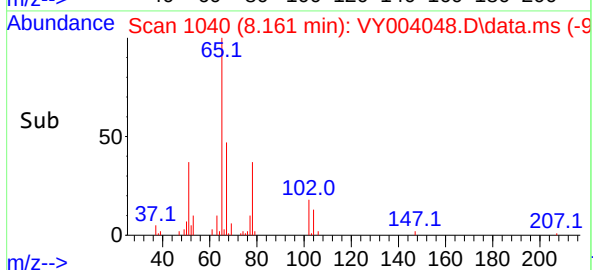
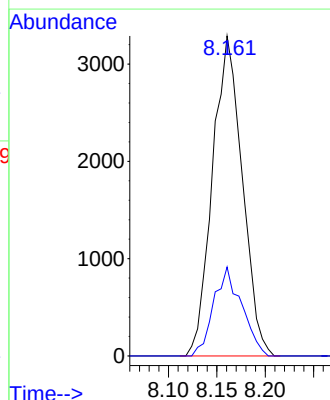
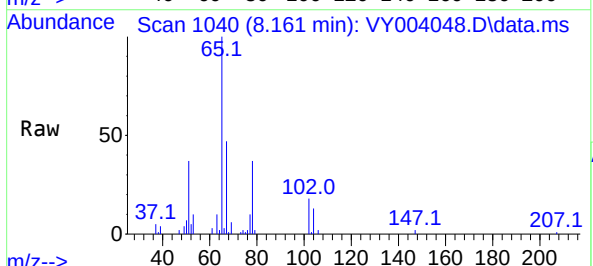
RT: 8.161 min Scan# 1040

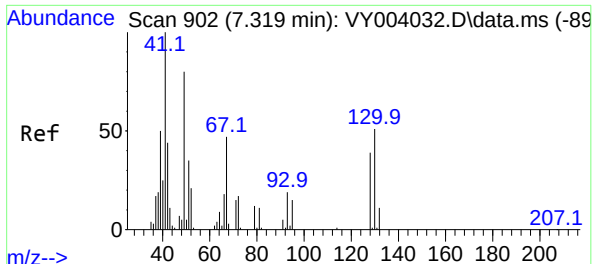
Delta R.T. -0.000 min

Lab File: VY004048.D

Acq: 24 Feb 2021 12:39

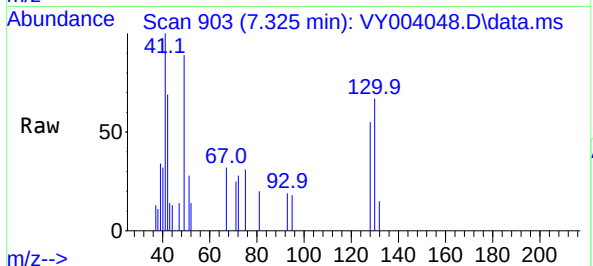
Tgt Ion:	78	Resp:	7044
Ion	Ratio	Lower	Upper
78	100		
77	27.8	20.1	30.1





#41
Methacrylonitrile
Concen: 3.09 ug/l m
RT: 7.325 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

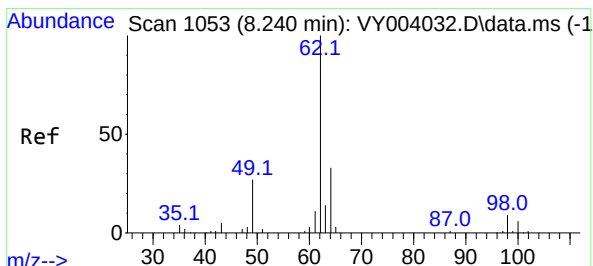
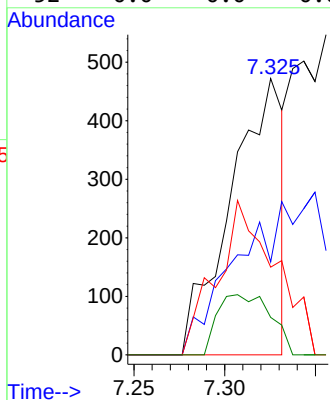
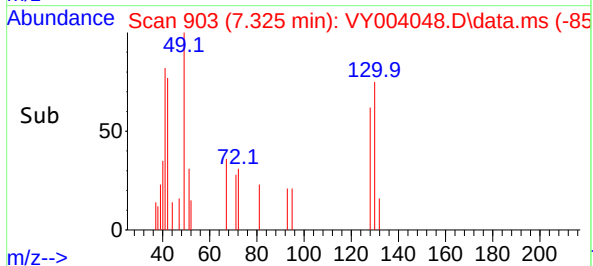
Instrument :
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ClientSampleId :
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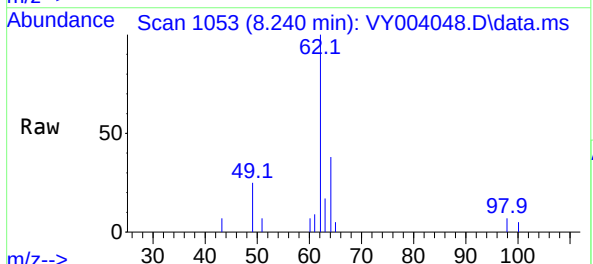
Tgt Ion: 41 Resp: 951
Ion Ratio Lower Upper
41 100
39 109.9 91.2 136.8
67 0.0 0.0 0.0
52 0.0 0.0 0.0

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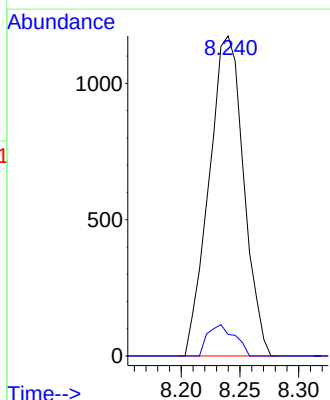
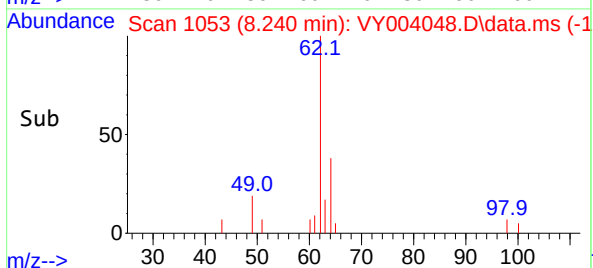
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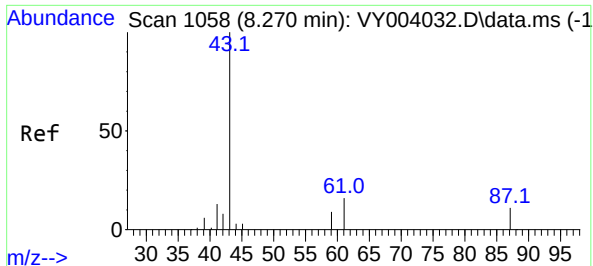


#42
1,2-Dichloroethane
Concen: 2.68 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



Tgt Ion: 62 Resp: 2412
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.0





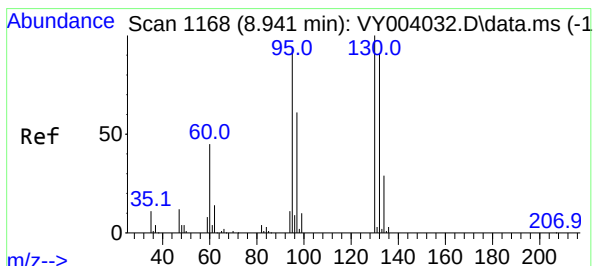
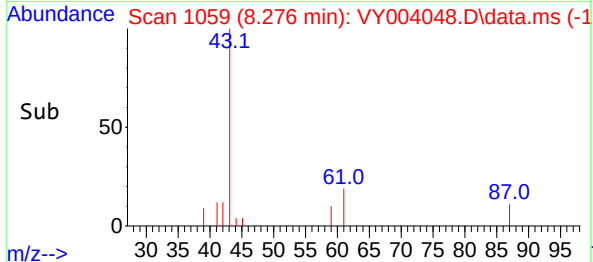
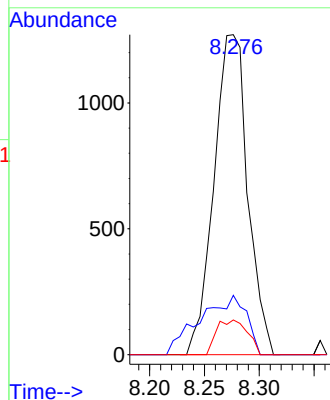
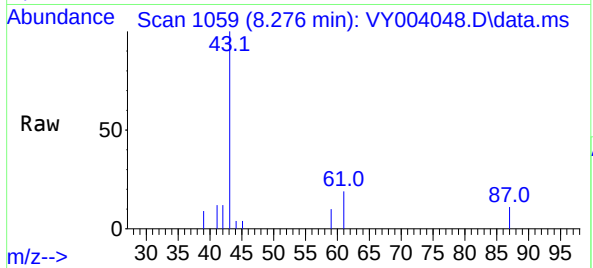
#43
Isopropyl Acetate
Concen: 2.48 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion:	43	Resp:	2724
Ion	Ratio	Lower	Upper
43	100		
61	25.6	22.1	33.1
87	9.9	9.8	14.8

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

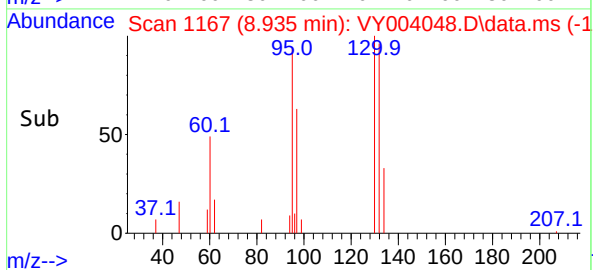
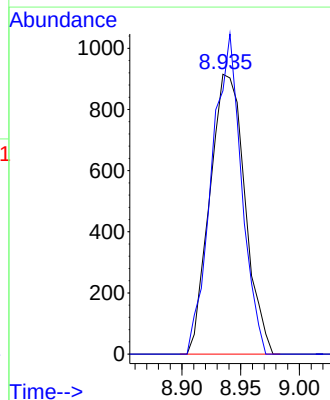
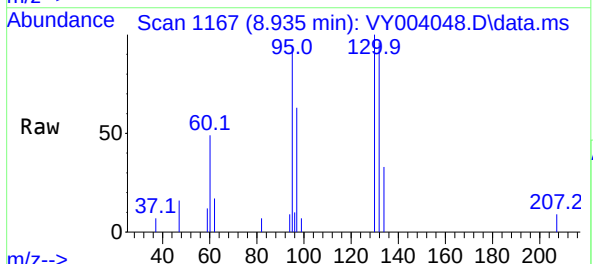
Manual Integrations
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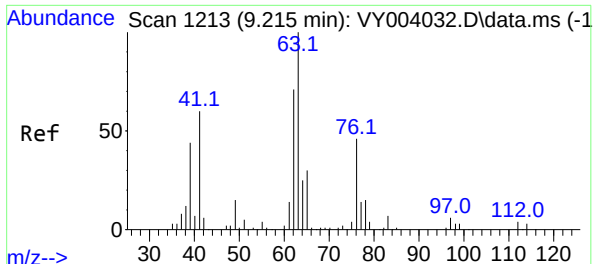
MMDadoda
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#44
Trichloroethene
Concen: 2.51 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion:	130	Resp:	1901
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	188.0





#45

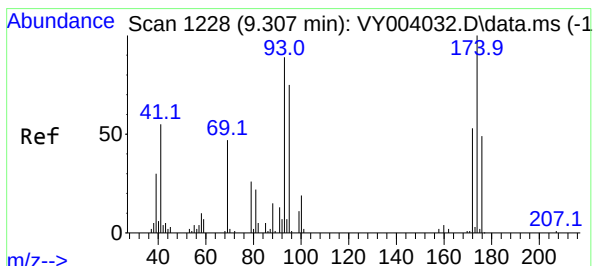
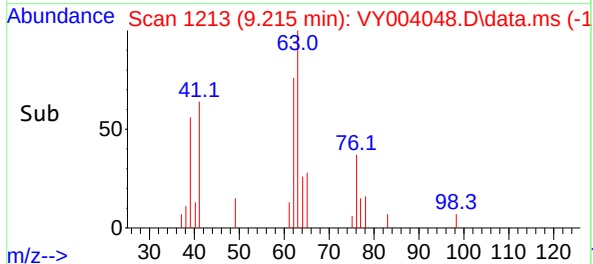
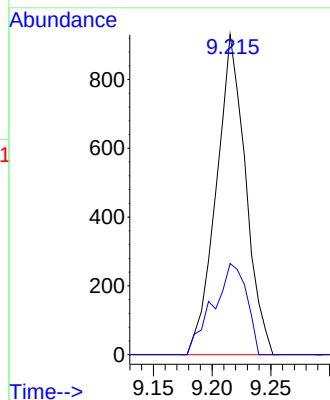
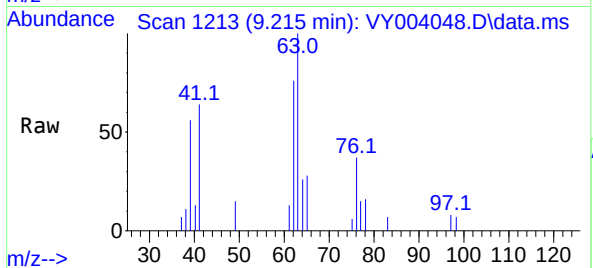
1,2-Dichloropropane
Concen: 2.40 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 63 Resp: 1612
Ion Ratio Lower Upper
63 100
65 28.5 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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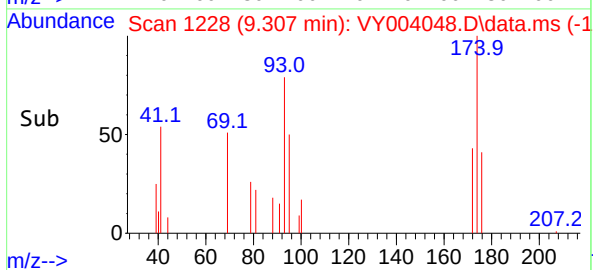
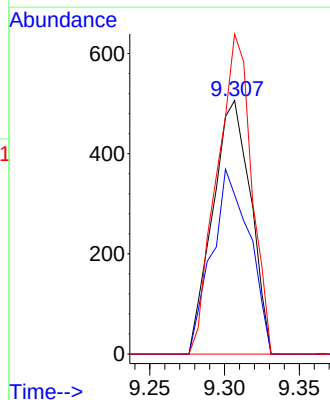
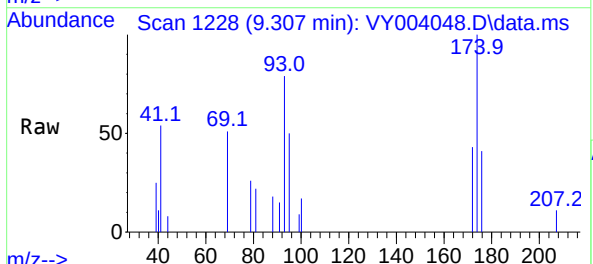
MMDadoda
2/25/2021 12:17:51 PM

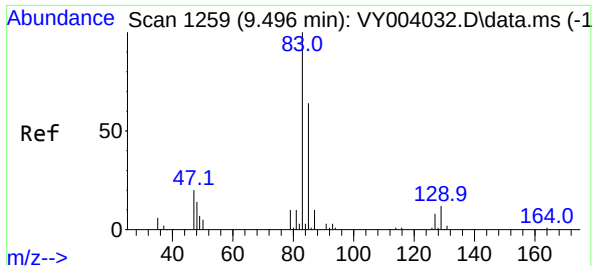


#46

Dibromomethane
Concen: 2.38 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 93 Resp: 892
Ion Ratio Lower Upper
93 100
95 72.4 66.3 99.5
174 115.2 88.1 132.1





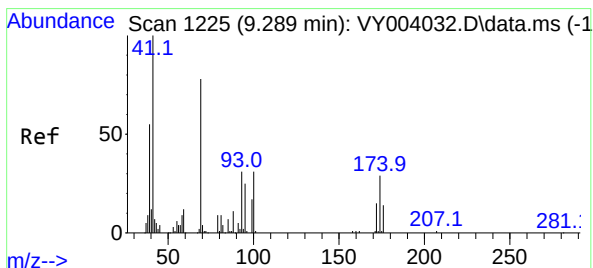
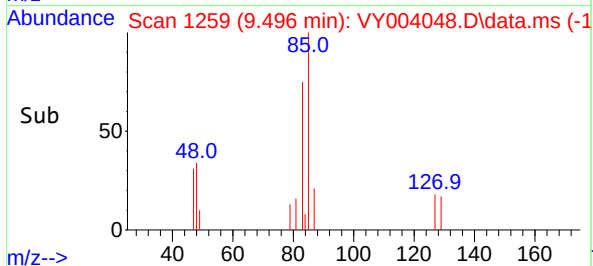
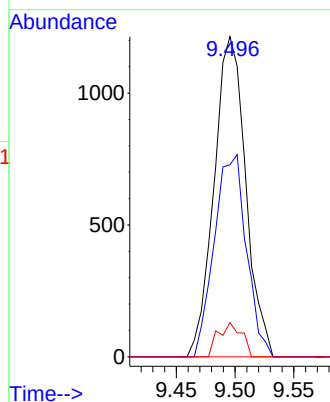
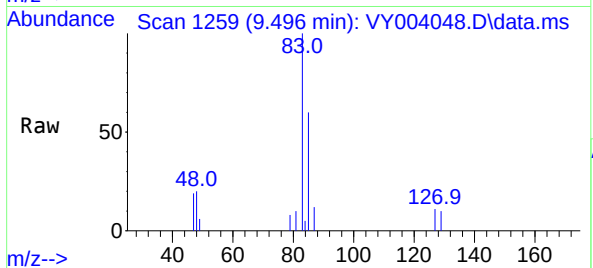
#47
Bromodichloromethane
Concen: 2.37 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 83 Resp: 2274
Ion Ratio Lower Upper
83 100
85 60.0 51.6 77.4
127 10.6 6.5 9.7#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

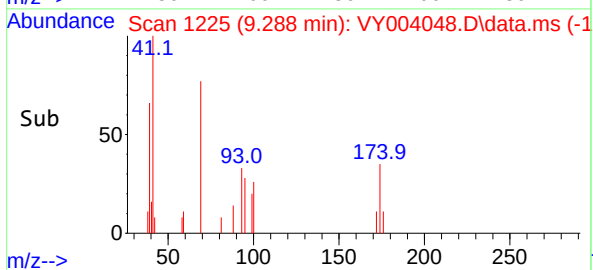
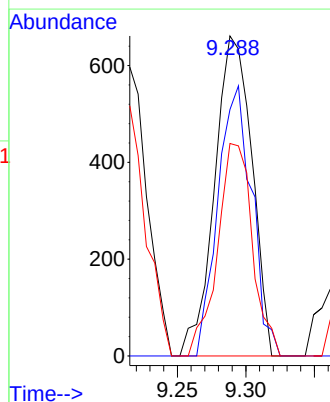
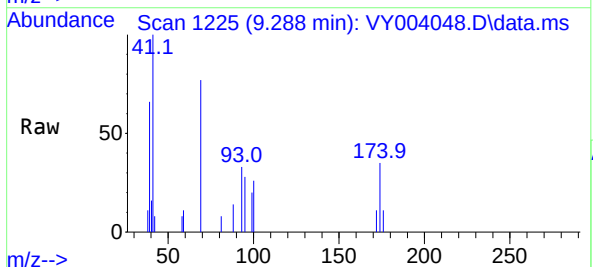
Manual Integrations
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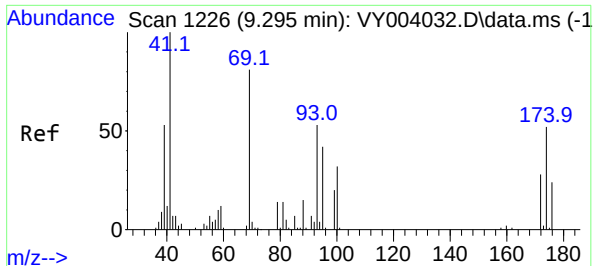
MMDadoda
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#48
Methyl methacrylate
Concen: 2.33 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 41 Resp: 1250
Ion Ratio Lower Upper
41 100
69 76.8 65.1 97.7
39 62.2 44.2 66.2





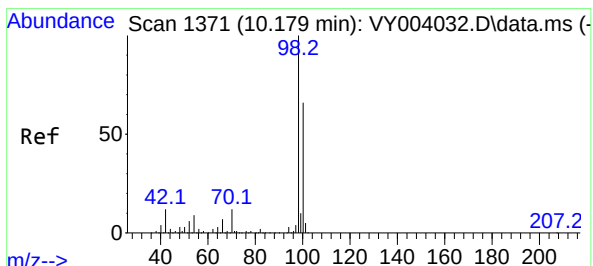
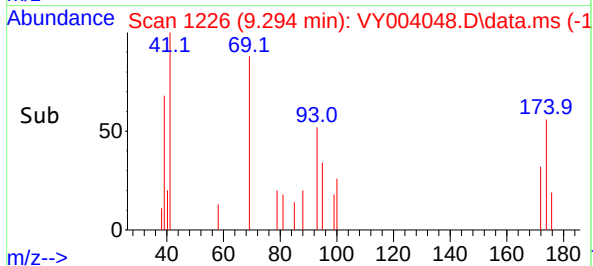
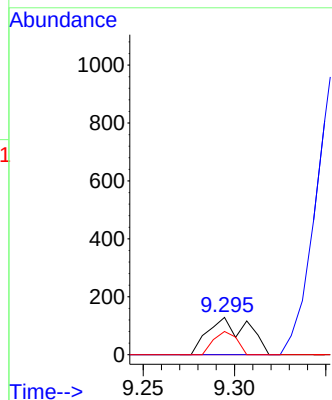
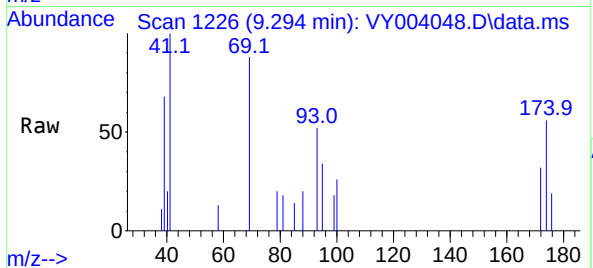
#49
1,4-Dioxane
Concen: 43.29 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 88 Resp: 196
Ion Ratio Lower Upper
88 100
43 0.0 32.0 48.0#
58 36.2 56.5 84.7#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

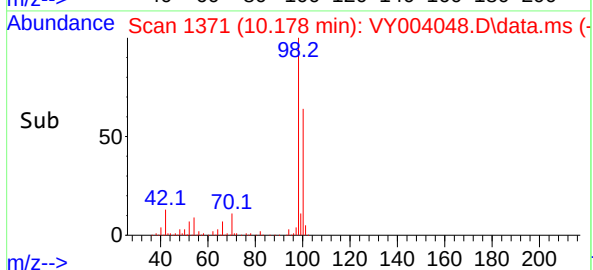
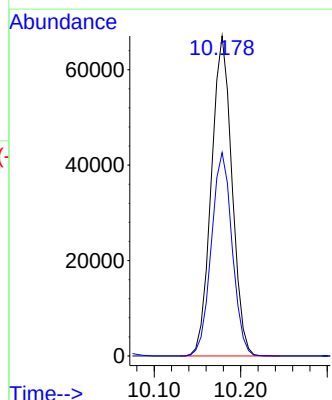
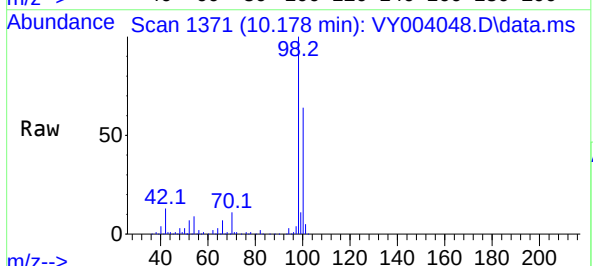
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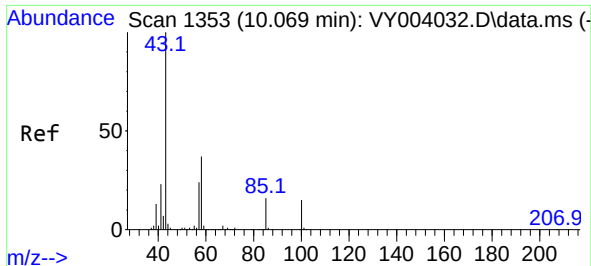
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#50
Toluene-d8
Concen: 46.58 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

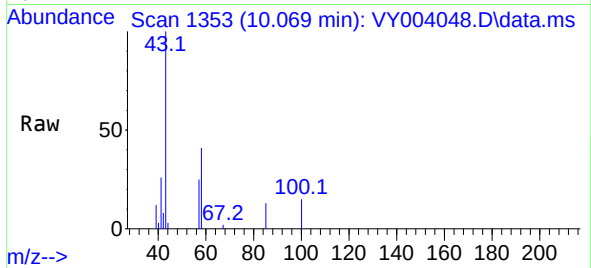
Tgt Ion: 98 Resp: 110897
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 10.59 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

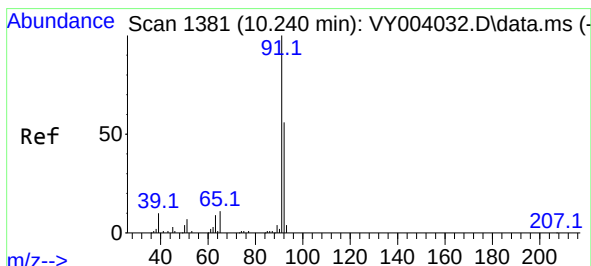
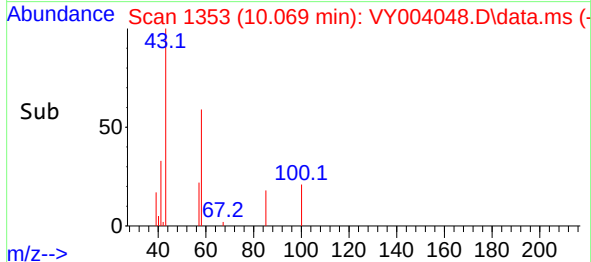
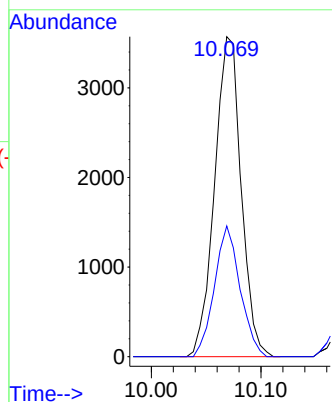
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 43 Resp: 6013
Ion Ratio Lower Upper
43 100
58 39.4 29.8 44.8

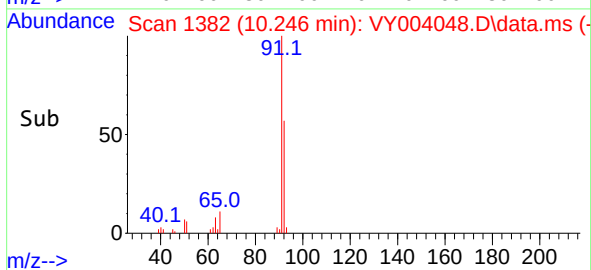
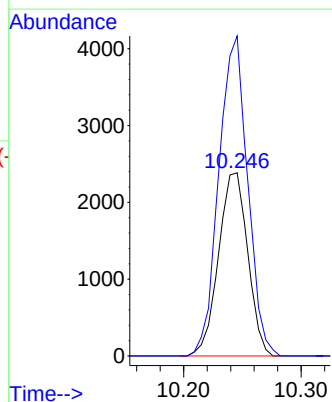
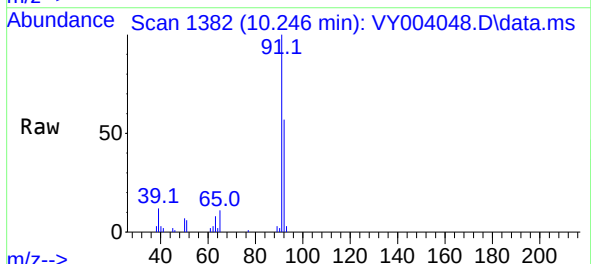
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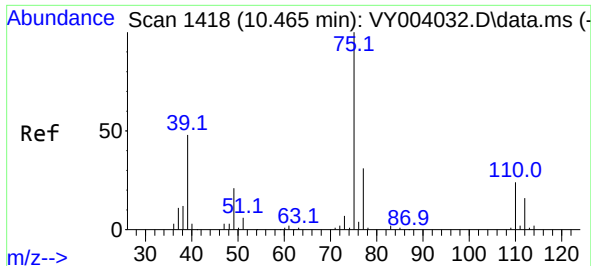
MMDadoda
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#52
Toluene
Concen: 2.41 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 92 Resp: 4120
Ion Ratio Lower Upper
92 100
91 172.4 141.0 211.4





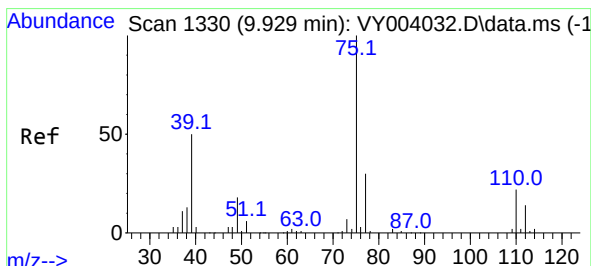
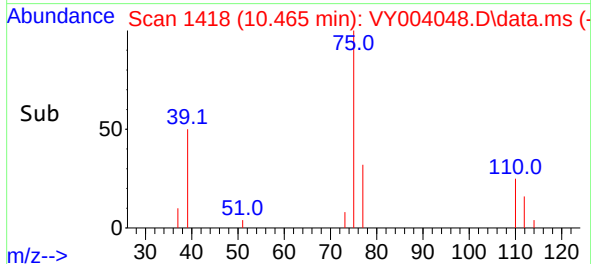
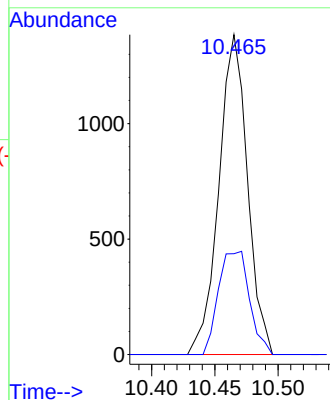
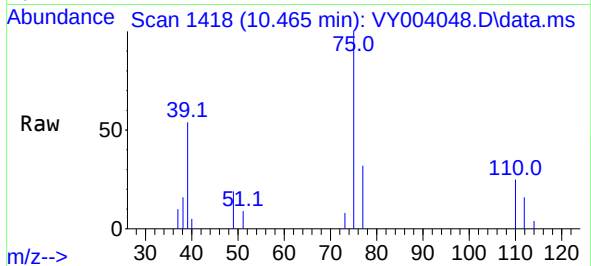
#53
t-1,3-Dichloropropene
Concen: 2.11 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 75 Resp: 2179
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

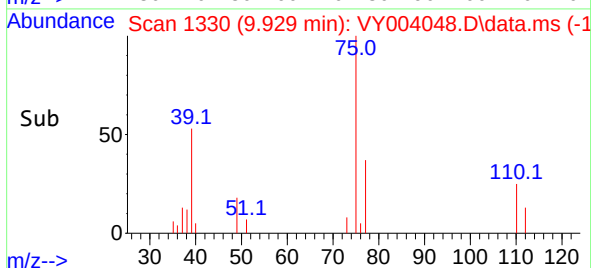
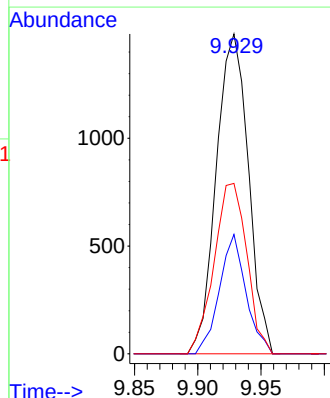
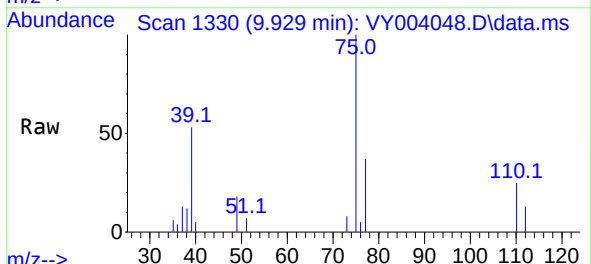
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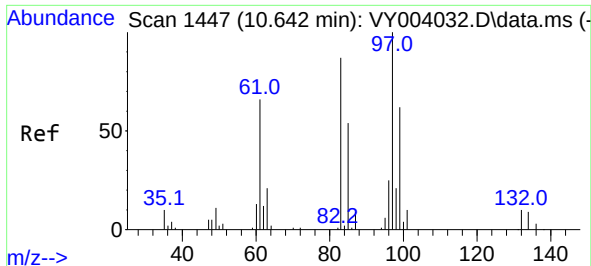
MMDadoda
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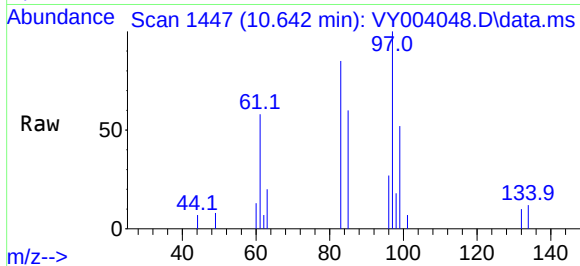
#54
cis-1,3-Dichloropropene
Concen: 2.26 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 75 Resp: 2613
Ion Ratio Lower Upper
75 100
77 37.3 24.2 36.4#
39 53.3 40.4 60.6

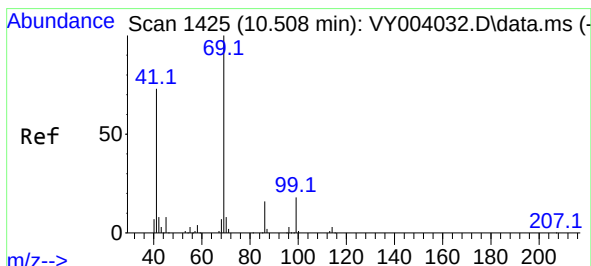
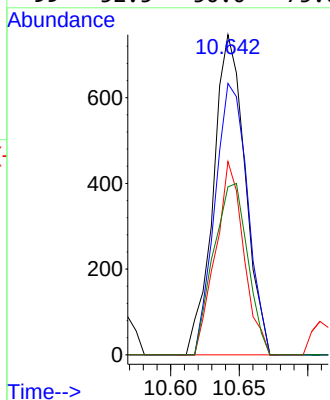
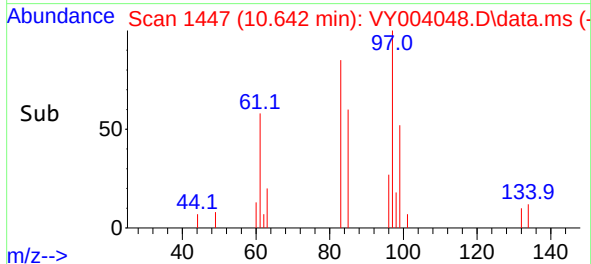




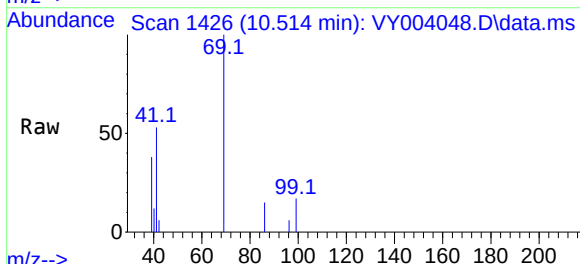
#55
1,1,2-Trichloroethane
Concen: 2.27 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



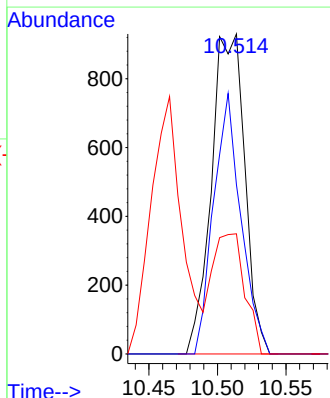
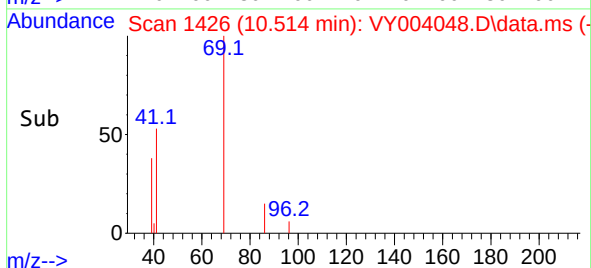
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.4	104.0
85	60.4	43.4	65.0
99	52.5	50.0	75.0



#56
Ethyl methacrylate
Concen: 2.07 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



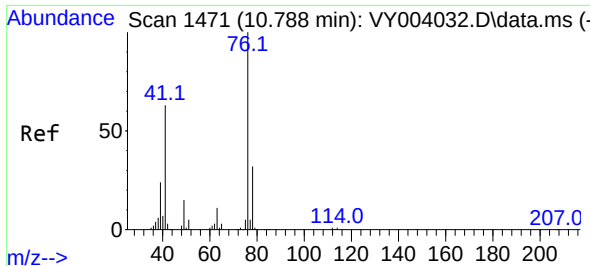
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.9	57.2	85.8
39	36.4	27.8	41.6



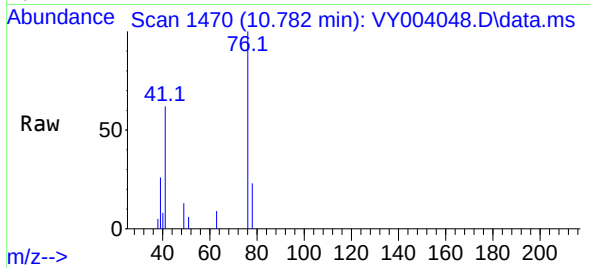
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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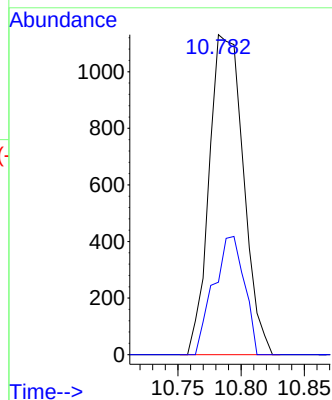
MMDadoda
2/25/2021 12:17:51 PM



#57
1,3-Dichloropropane
Concen: 2.25 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



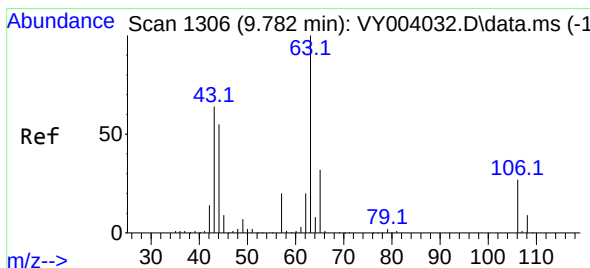
Tgt Ion: 76 Resp: 2123
Ion Ratio Lower Upper
76 100
78 33.2 25.5 38.3



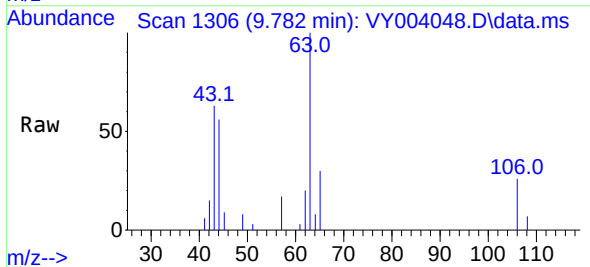
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

Manual Integrations
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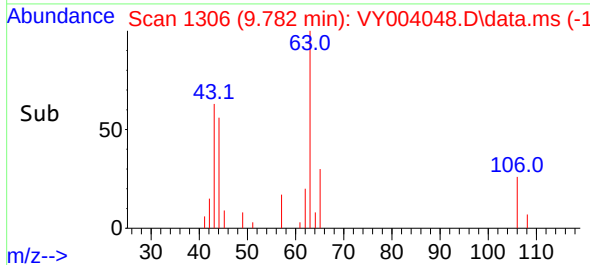
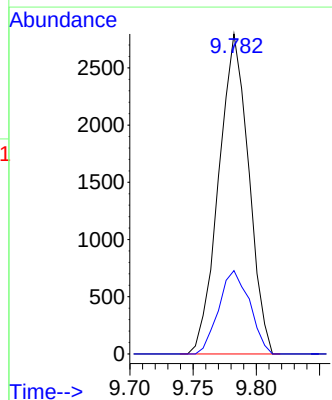
MMDadoda
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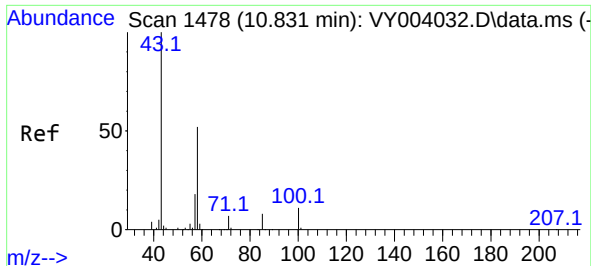


#58
2-Chloroethyl Vinyl ether
Concen: 13.37 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

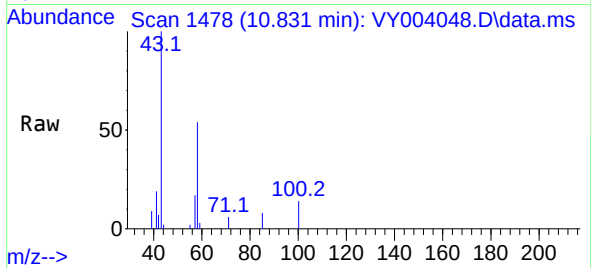


Tgt Ion: 63 Resp: 4607
Ion Ratio Lower Upper
63 100
106 26.8 22.1 33.1

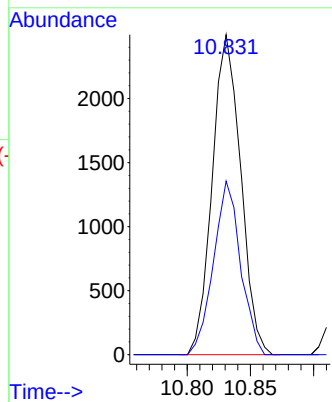
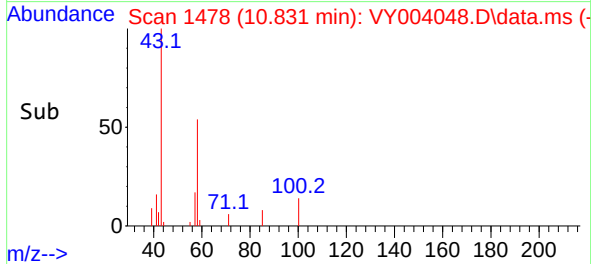




#59
2-Hexanone
Concen: 9.77 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



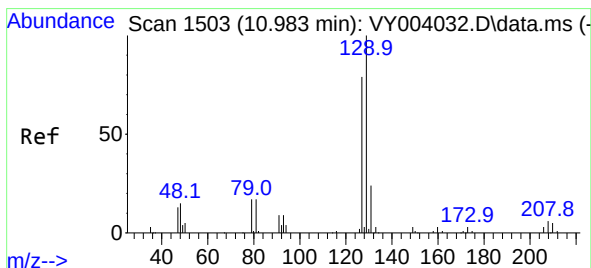
Tgt Ion: 43 Resp: 3909
Ion Ratio Lower Upper
43 100
58 51.5 26.5 79.4



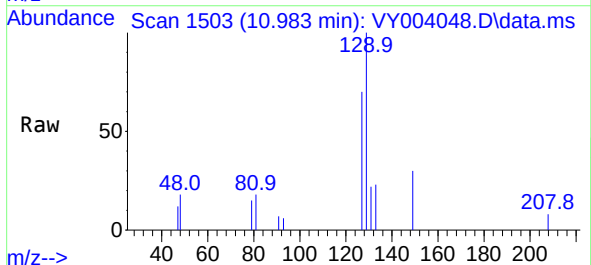
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021

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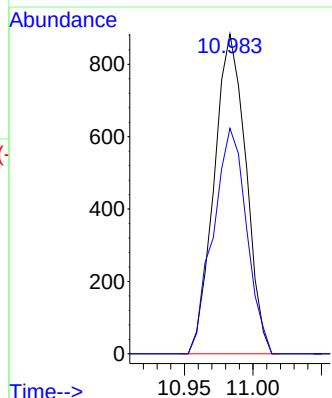
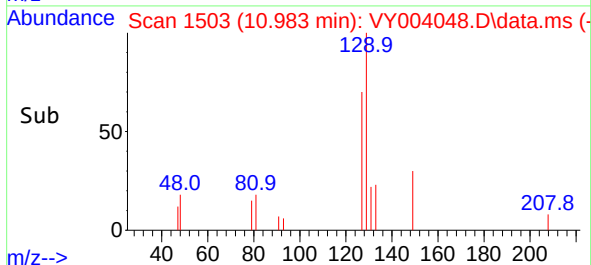
MMDadoda
2/25/2021 12:17:51 PM

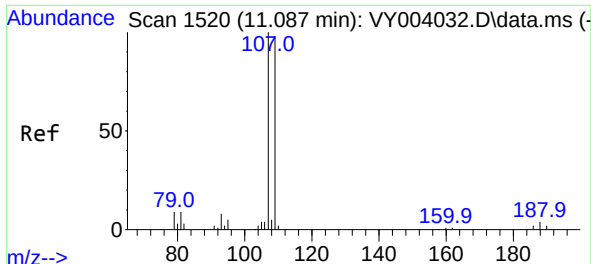


#60
Dibromochloromethane
Concen: 2.12 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



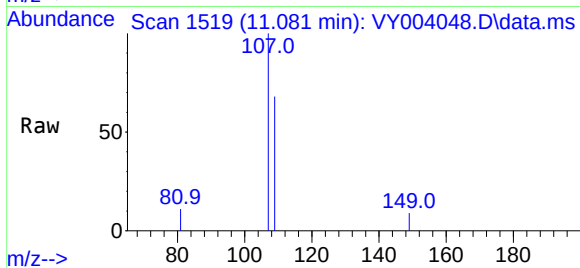
Tgt Ion: 129 Resp: 1424
Ion Ratio Lower Upper
129 100
127 74.3 39.0 117.0





#61
1,2-Dibromoethane
Concen: 2.18 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

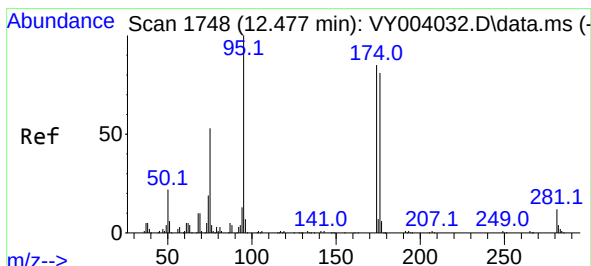
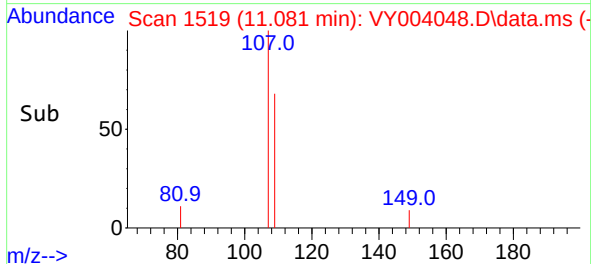
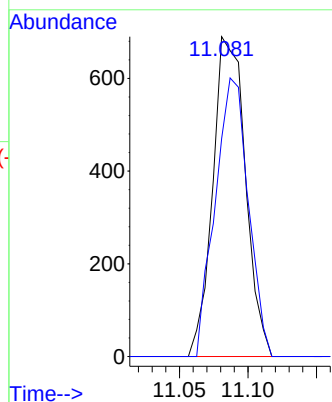
Instrument :
MSVOA_Y
ClientSampleId :
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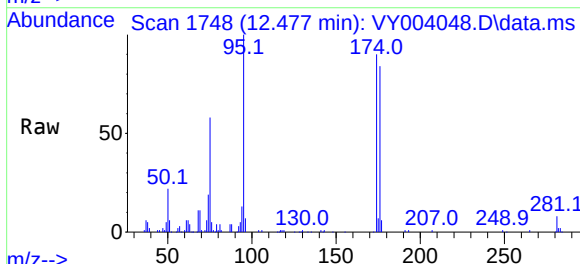
Tgt Ion:107 Resp: 1140
Ion Ratio Lower Upper
107 100
109 88.3 76.7 115.1

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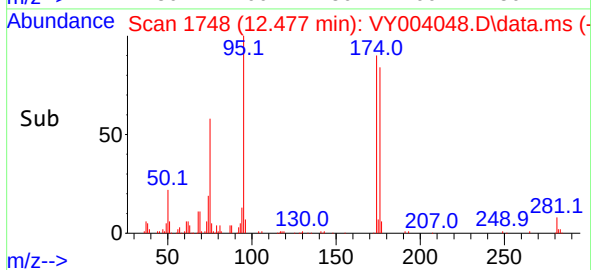
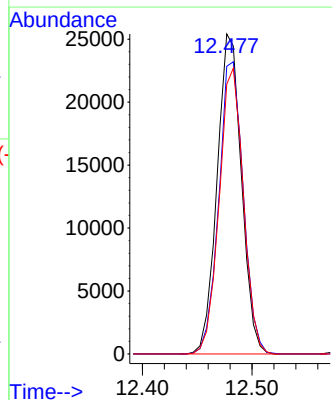
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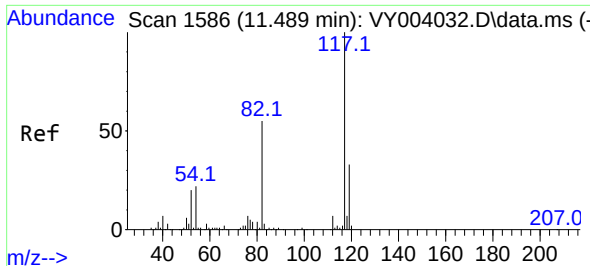


#62
4-Bromofluorobenzene
Concen: 46.58 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



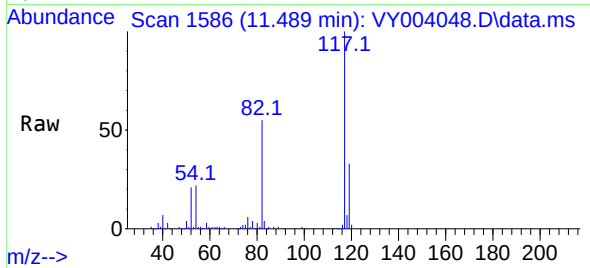
Tgt Ion: 95 Resp: 39179
Ion Ratio Lower Upper
95 100
174 91.8 0.0 179.0
176 88.6 0.0 174.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

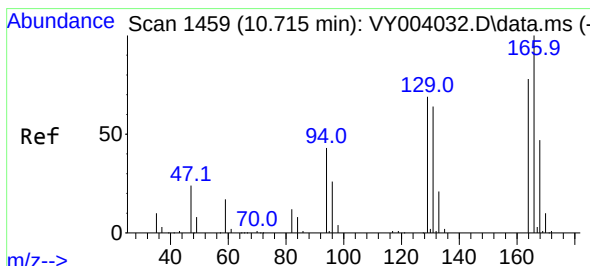
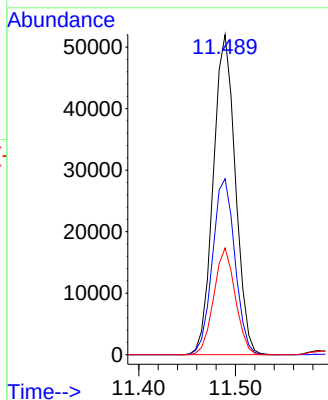
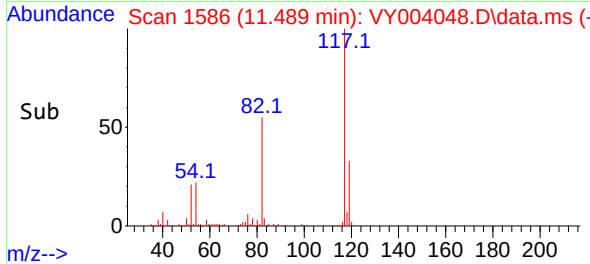
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



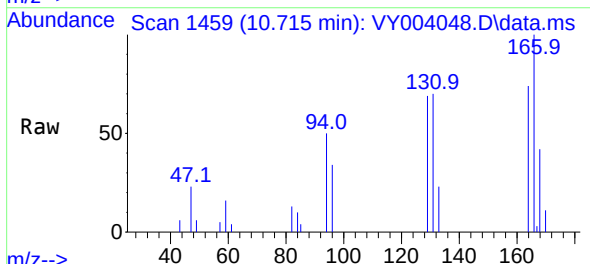
Tgt Ion:117 Resp: 82498
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.6
119 33.3 26.2 39.2

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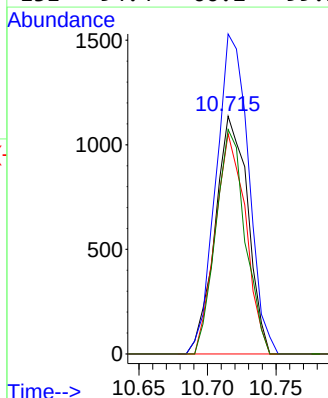
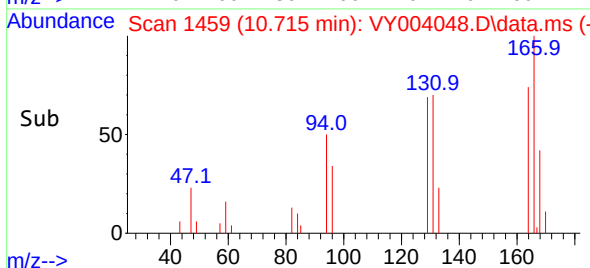
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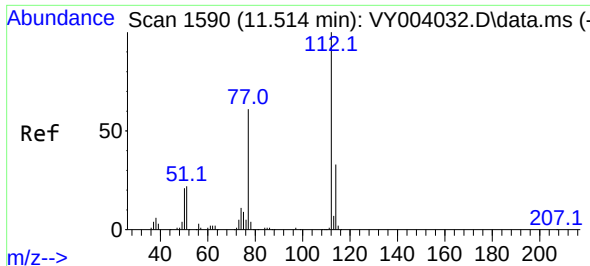


#64
Tetrachloroethene
Concen: 2.47 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



Tgt Ion:164 Resp: 1878
Ion Ratio Lower Upper
164 100
166 134.6 102.7 154.1
129 92.6 70.6 105.8
131 94.4 66.2 99.2





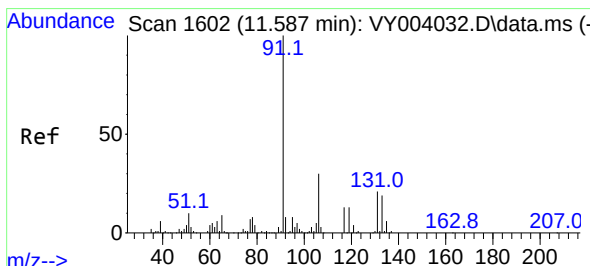
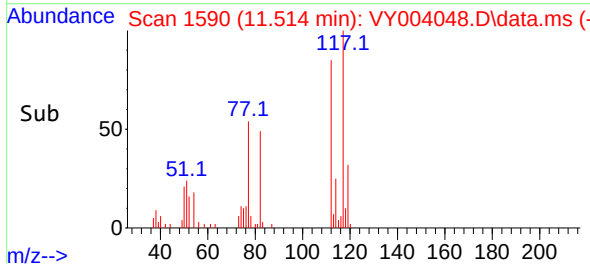
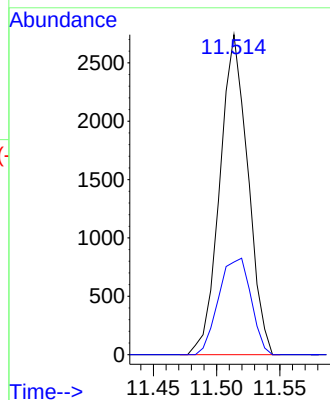
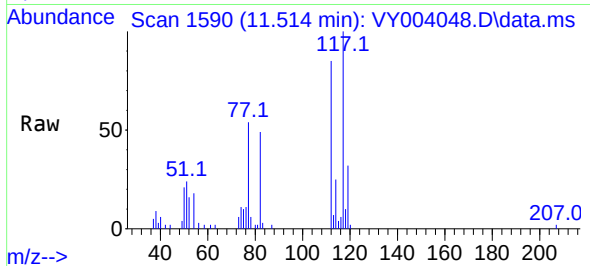
#65
Chlorobenzene
Concen: 2.55 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:112 Resp: 4232
Ion Ratio Lower Upper
112 100
114 29.0 26.5 39.7

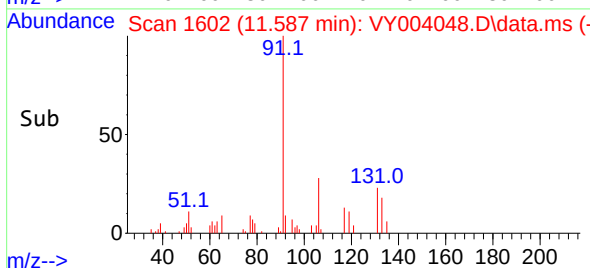
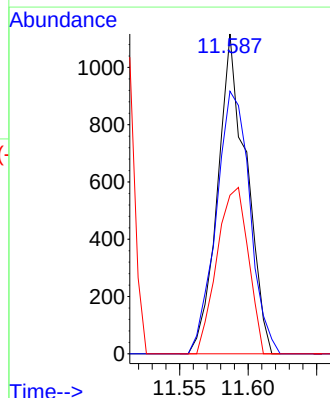
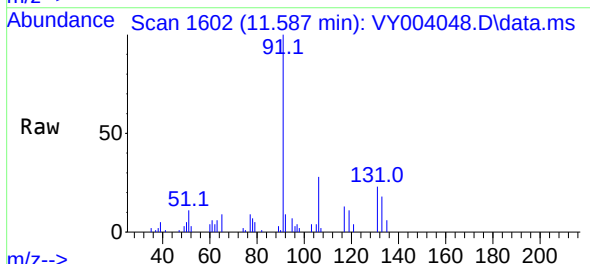
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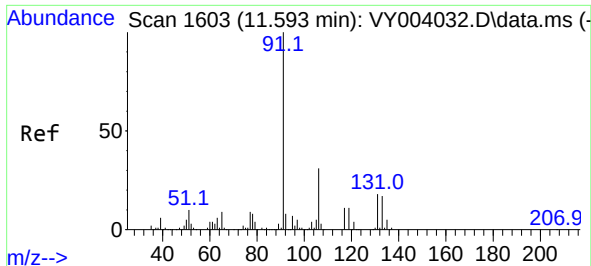
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.57 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

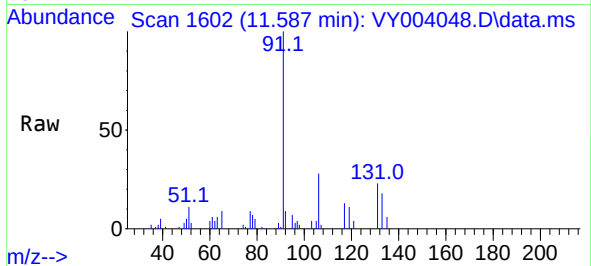
Tgt Ion:131 Resp: 1629
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 56.5 31.5 94.5





#67
Ethyl Benzene
Concen: 2.50 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

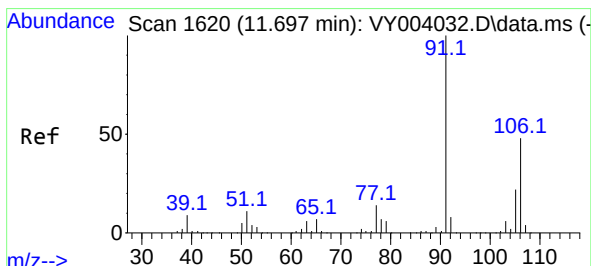
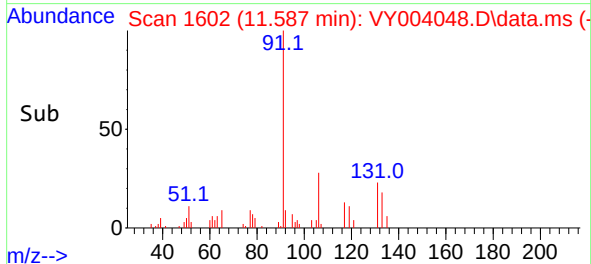
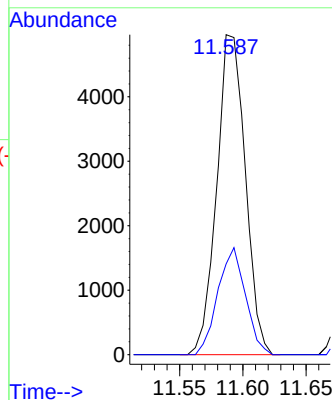
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 91 Resp: 7791
Ion Ratio Lower Upper
91 100
106 28.4 24.5 36.7

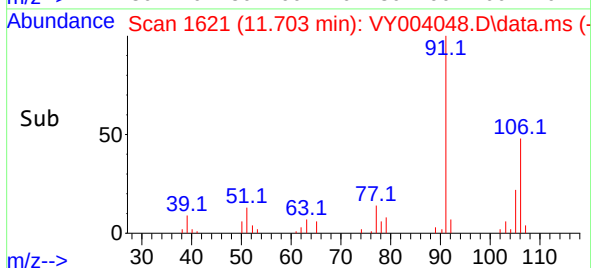
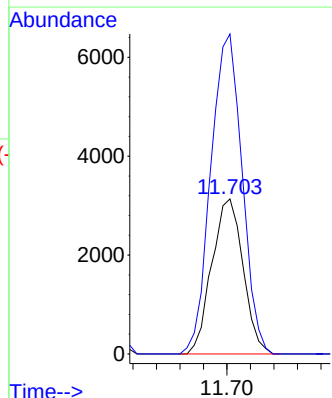
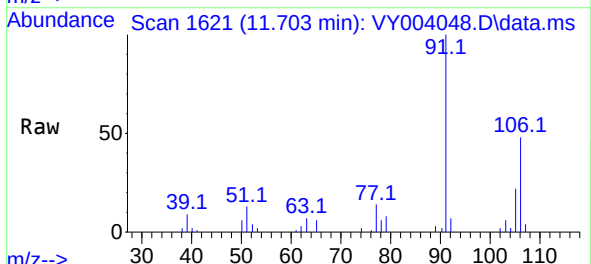
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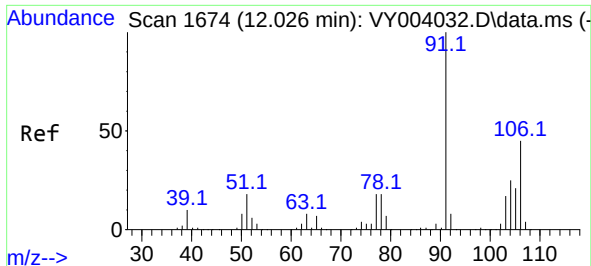
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#68
m/p-Xylenes
Concen: 5.03 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 106 Resp: 5789
Ion Ratio Lower Upper
106 100
91 207.1 165.4 248.0





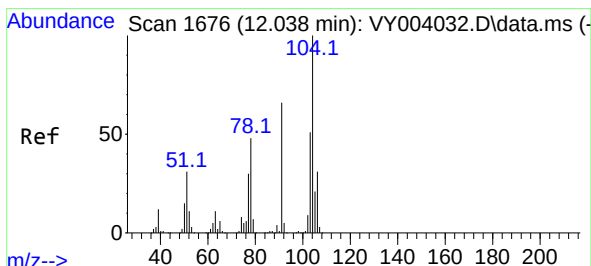
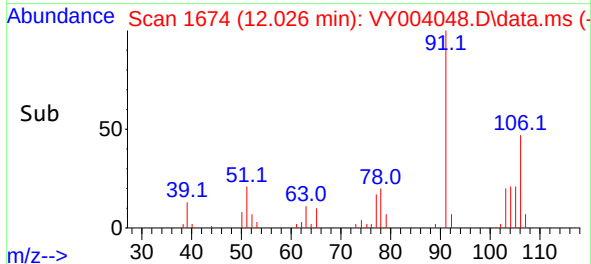
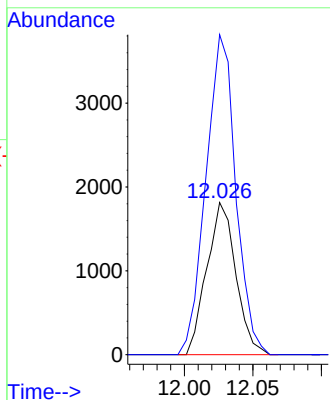
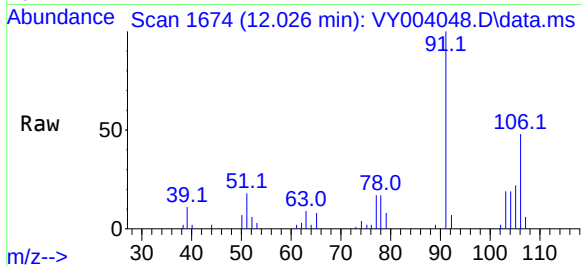
#69
o-Xylene
Concen: 2.48 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion:106 Resp: 2679
Ion Ratio Lower Upper
106 100
91 215.6 108.9 326.7

Instrument :
MSVOA_Y
ClientSampleId :
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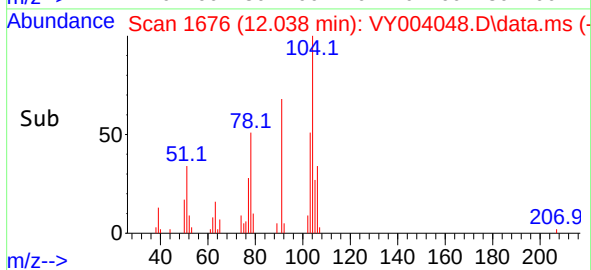
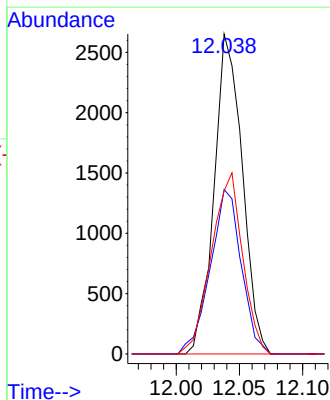
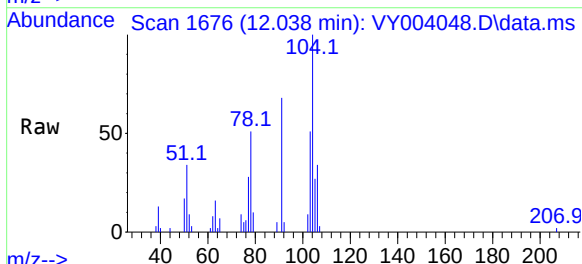
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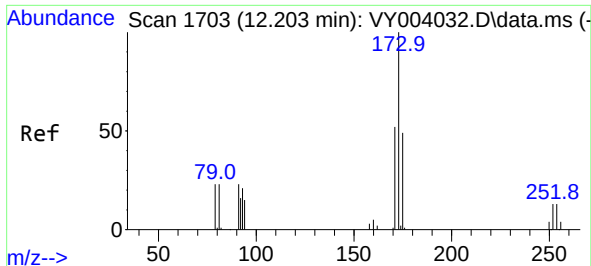
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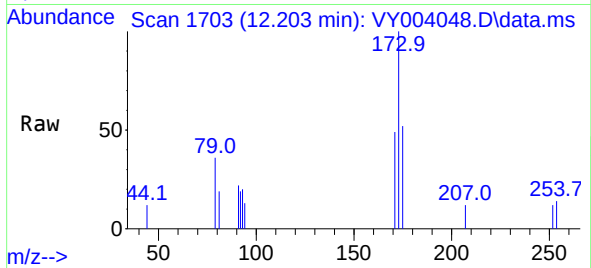
#70
Styrene
Concen: 2.22 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion:104 Resp: 4113
Ion Ratio Lower Upper
104 100
78 56.3 41.1 61.7
103 62.6 43.9 65.9

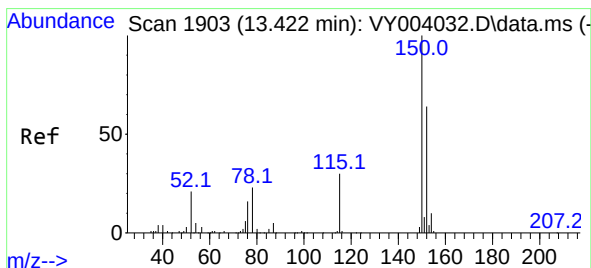
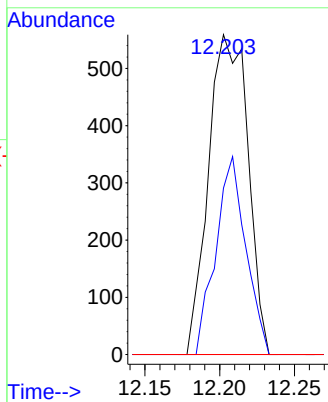
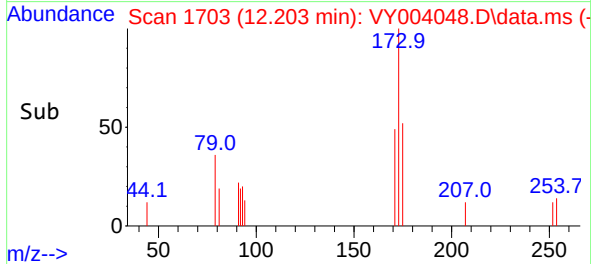




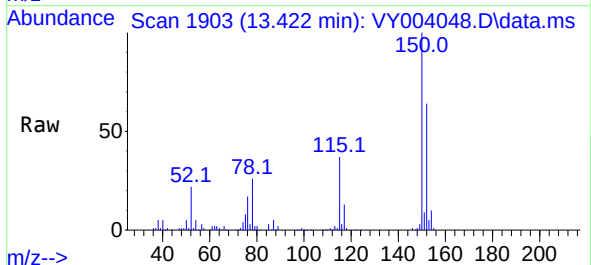
#71
Bromoform
Concen: 2.52 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



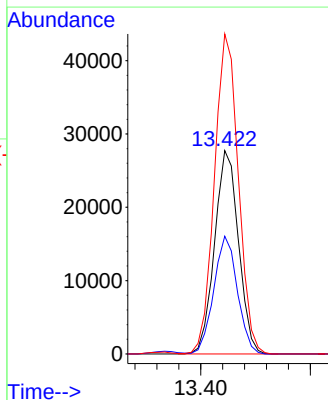
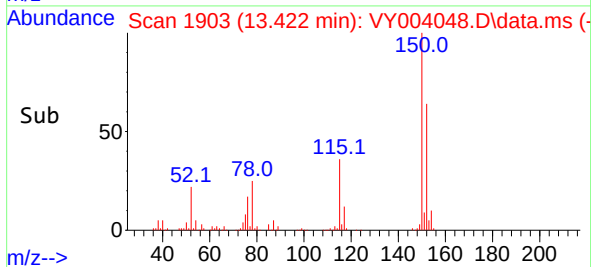
Tgt Ion:173 Resp: 1024
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



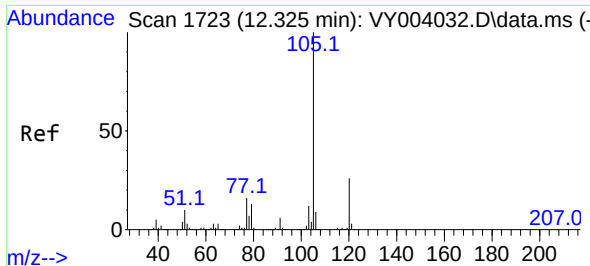
Tgt Ion:152 Resp: 41988
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.6
150 157.5 0.0 347.2



Instrument :
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ClientSampleId :
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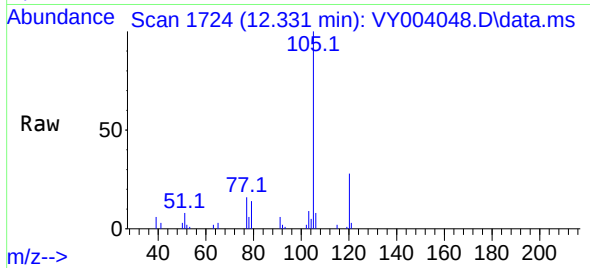
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#73
Isopropylbenzene
Concen: 2.47 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

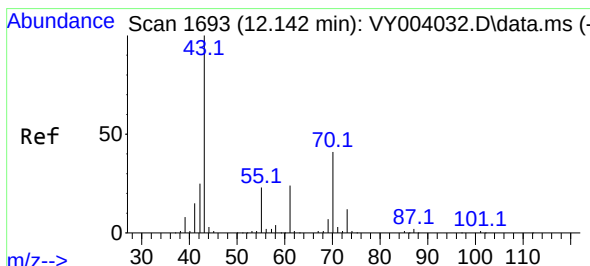
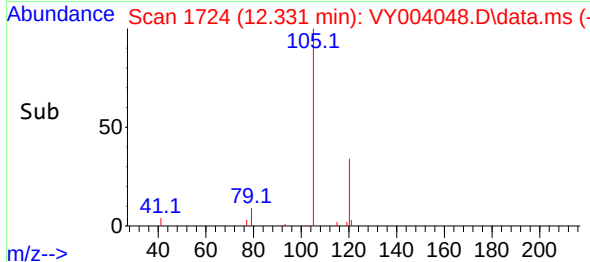
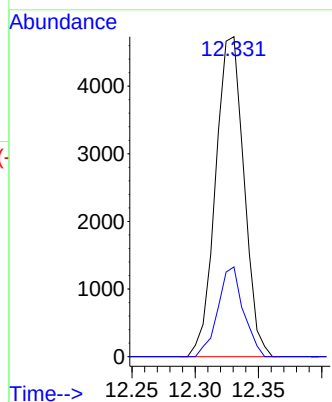
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion: 105 Resp: 7374
Ion Ratio Lower Upper
105 100
120 25.2 13.3 39.9

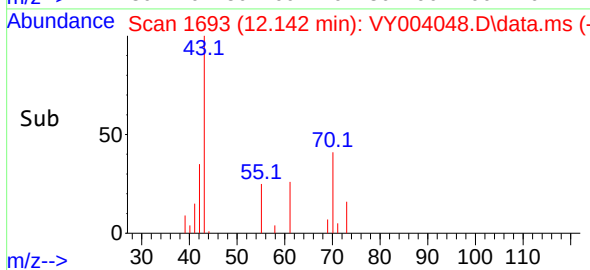
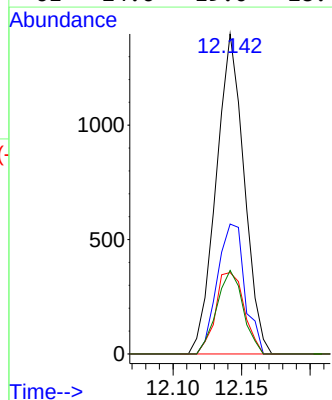
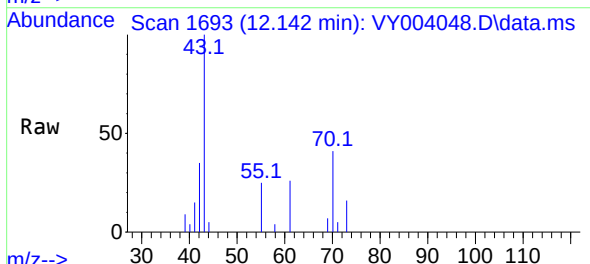
Manual Integrations
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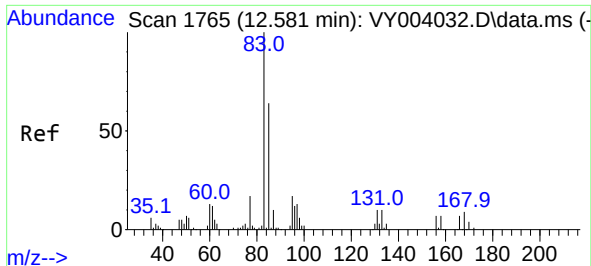
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#74
N-ethyl acetate
Concen: 2.21 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
70 39.9 32.3 48.5
55 26.0 18.4 27.6
61 24.6 19.0 28.4





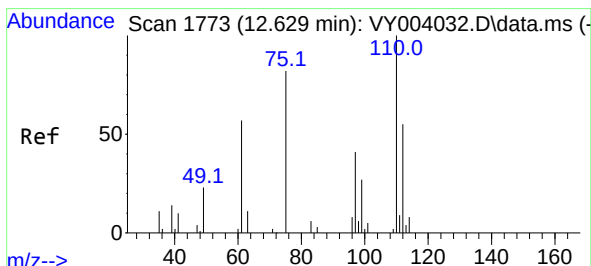
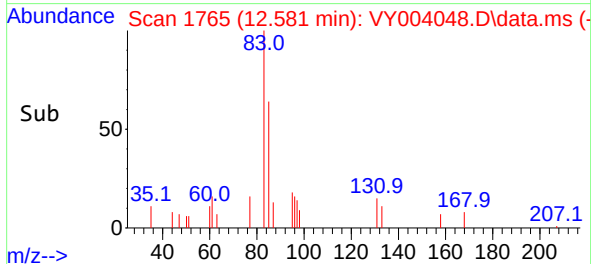
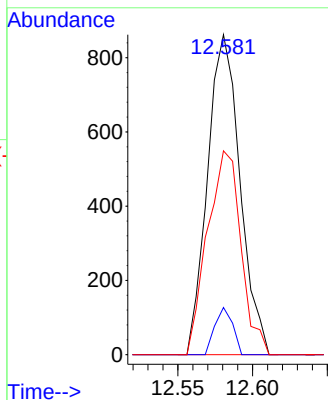
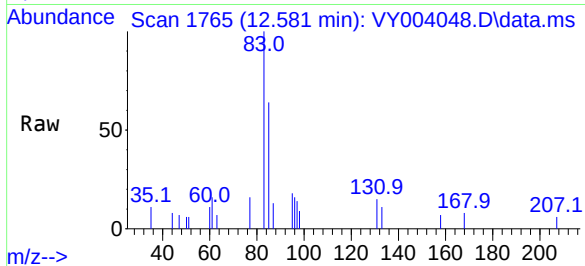
#75
1,1,2,2-Tetrachloroethane
Concen: 2.40 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.1	5.5	16.4
85	65.6	31.6	95.0

Instrument :
MSVOA_Y
ClientSampleId :
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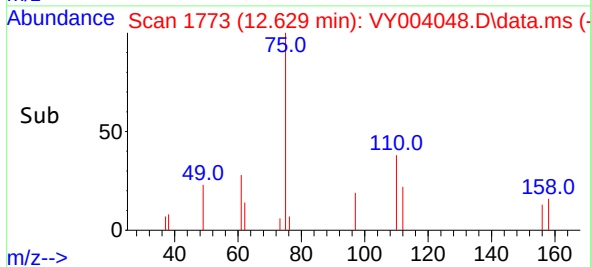
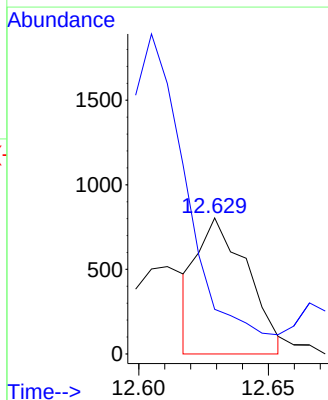
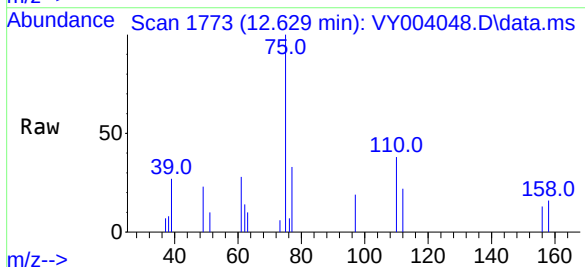
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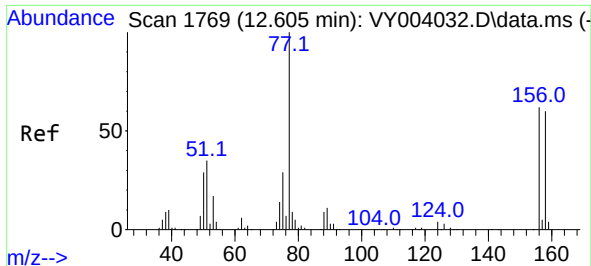
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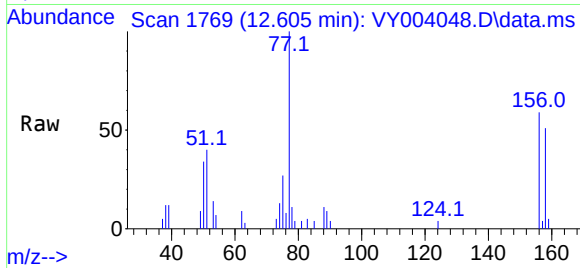
#76
1,2,3-Trichloropropane
Concen: 2.56 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

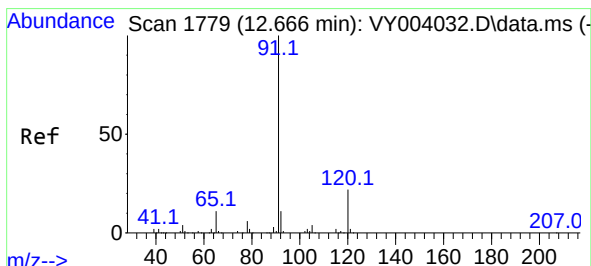
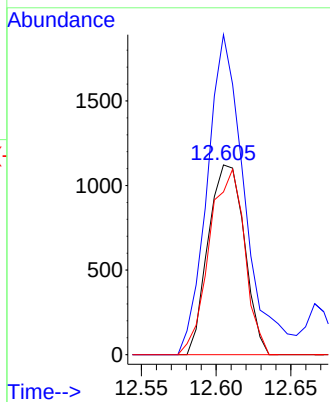
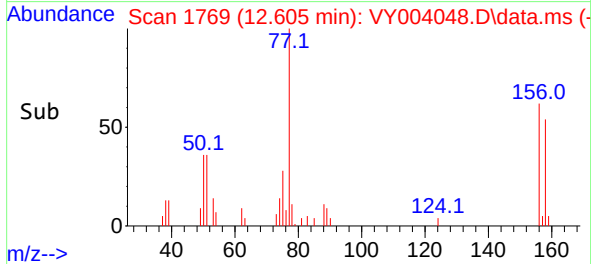




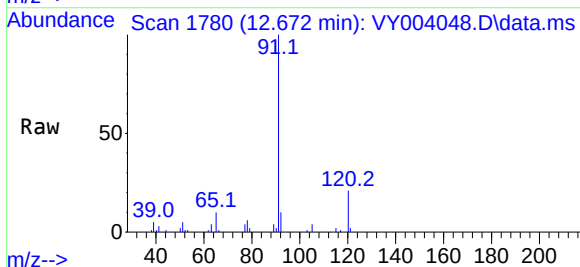
#77
Bromobenzene
Concen: 2.57 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



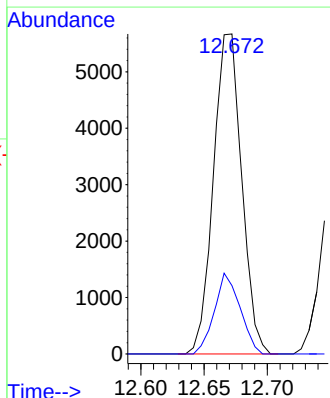
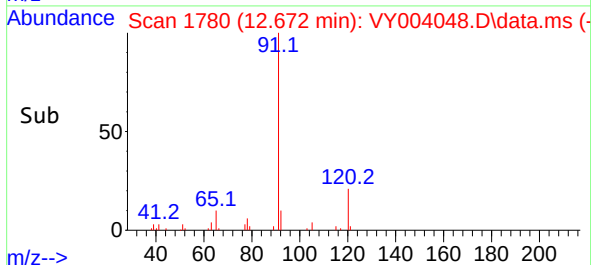
Tgt Ion: 156 Resp: 1884
Ion Ratio Lower Upper
156 100
77 175.7 90.5 271.3
158 95.5 48.9 146.6



#78
n-propylbenzene
Concen: 2.47 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



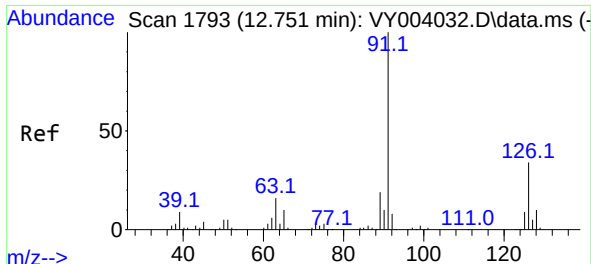
Tgt Ion: 91 Resp: 8800
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9



Instrument :
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ClientSampleId :
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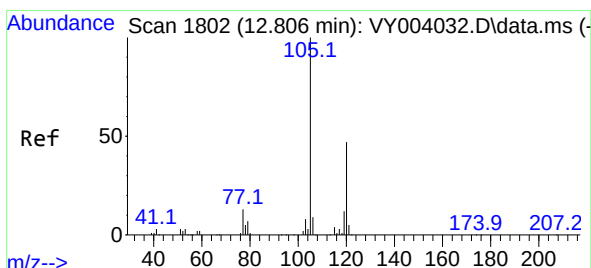
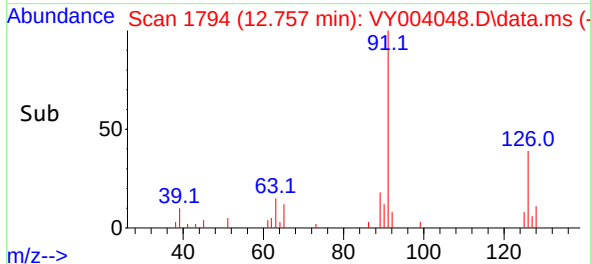
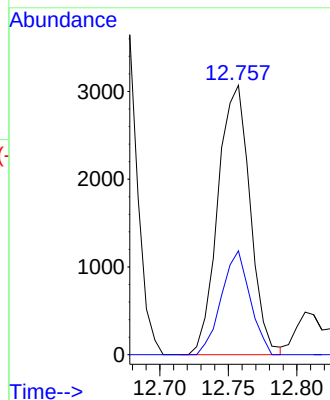
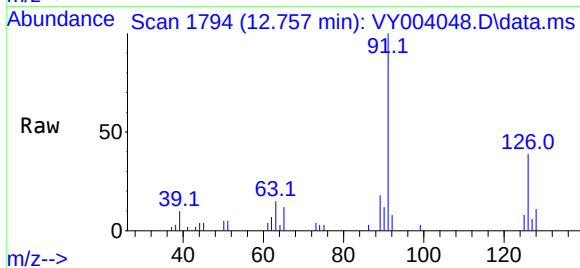
#79
2-Chlorotoluene
Concen: 2.48 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 91 Resp: 5014
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

Instrument :
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ClientSampleId :
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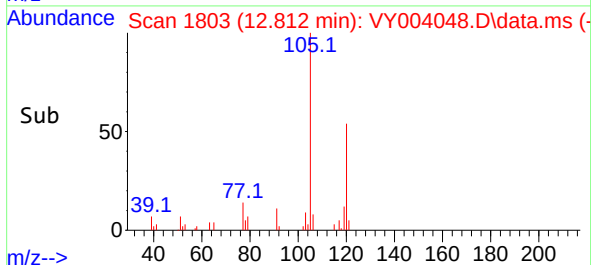
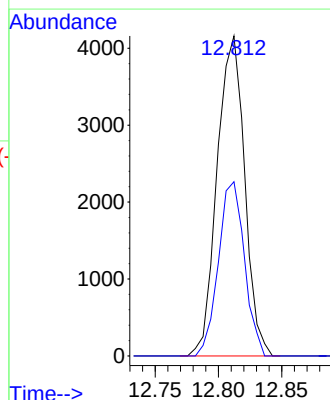
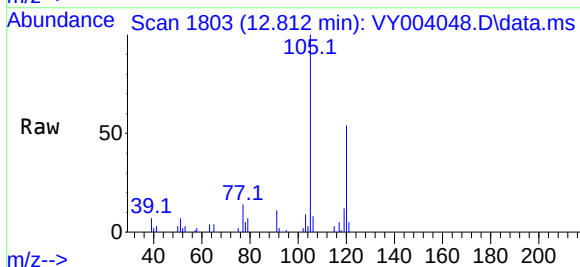
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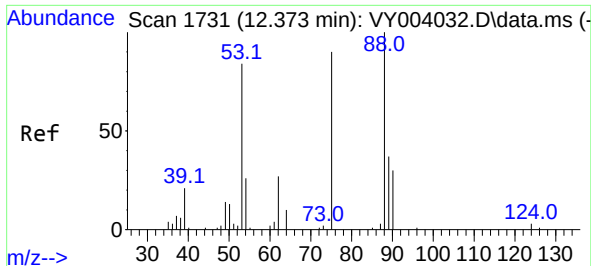
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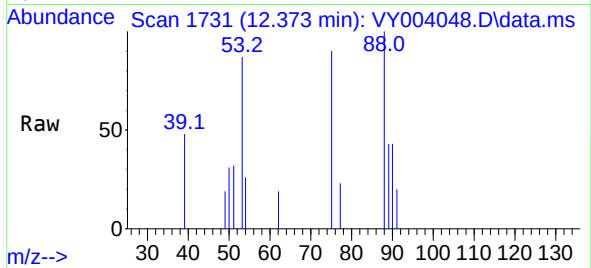
#80
1,3,5-Trimethylbenzene
Concen: 2.47 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 105 Resp: 6284
Ion Ratio Lower Upper
105 100
120 51.5 24.1 72.2

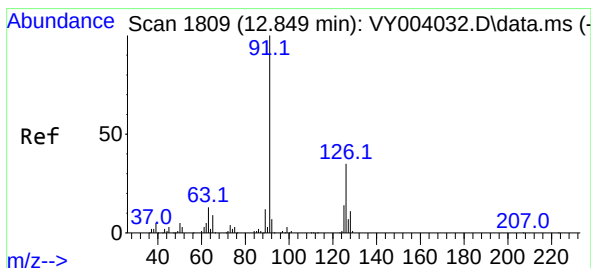
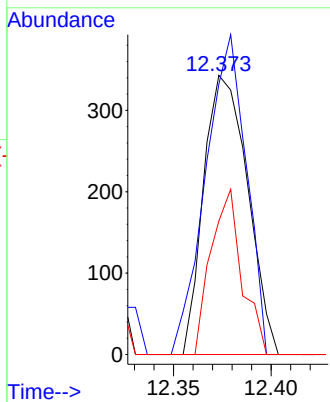
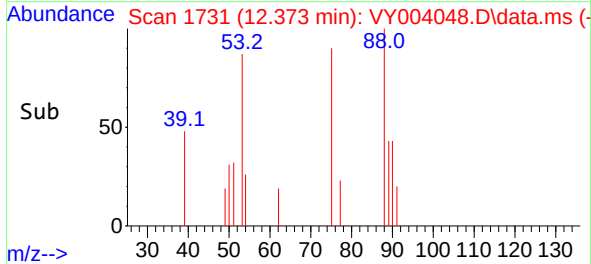




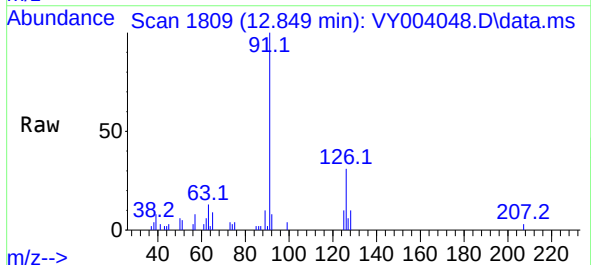
#81
trans-1,4-Dichloro-2-butene
Concen: 2.37 ug/l m
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



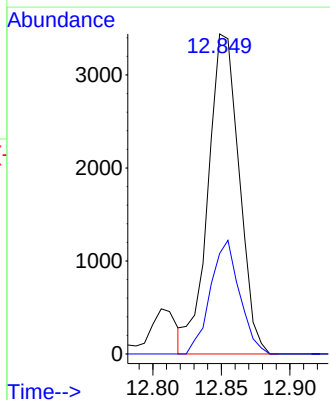
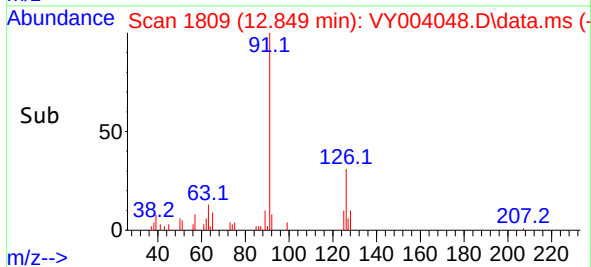
Tgt Ion: 75 Resp: 537
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 2.56 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



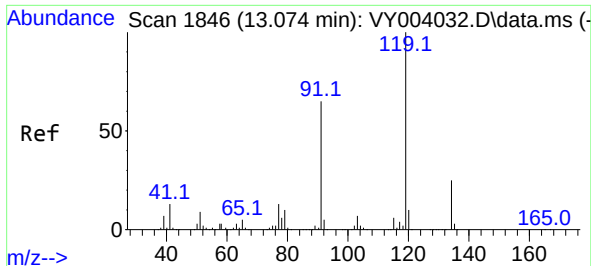
Tgt Ion: 91 Resp: 5430
Ion Ratio Lower Upper
91 100
126 33.3 16.8 50.4



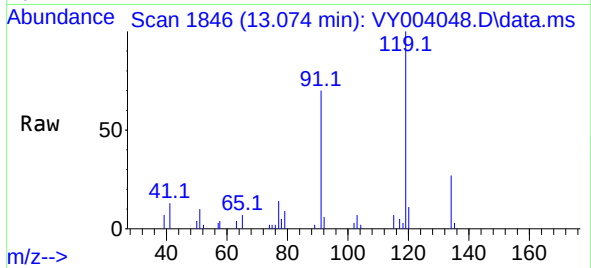
Instrument :
MSVOA_Y
ClientSampleId :
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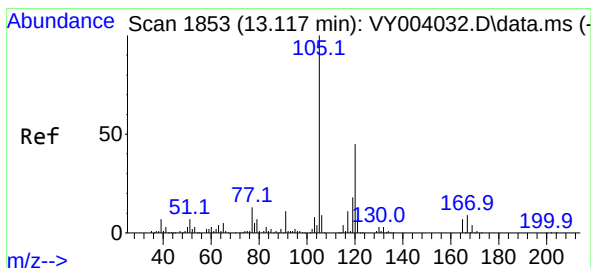
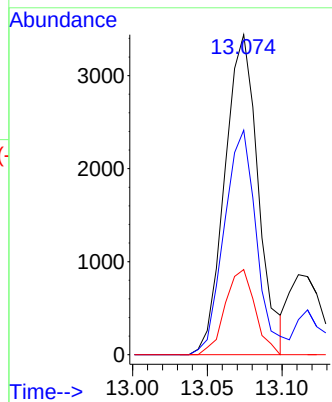
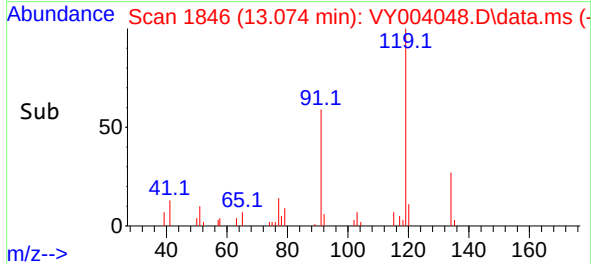
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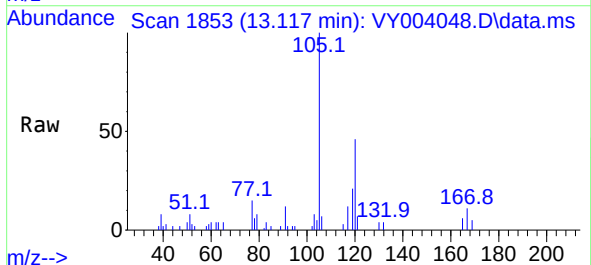
#83
tert-Butylbenzene
Concen: 2.46 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



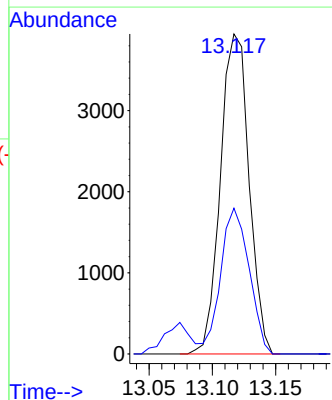
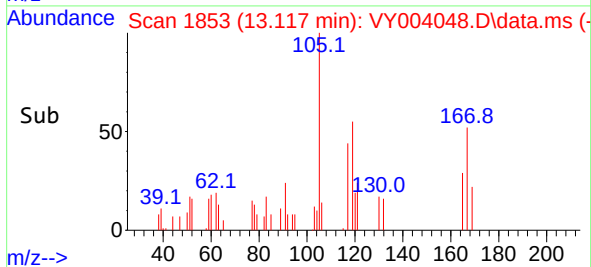
Tgt Ion:119 Resp: 5357
Ion Ratio Lower Upper
119 100
91 68.4 33.0 99.0
134 23.8 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 2.44 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



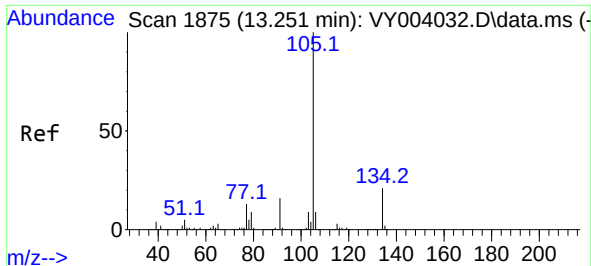
Tgt Ion:105 Resp: 6204
Ion Ratio Lower Upper
105 100
120 45.7 22.1 66.3



Instrument :
MSVOA_Y
ClientSampleId :
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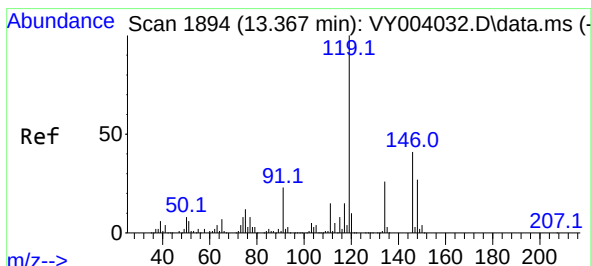
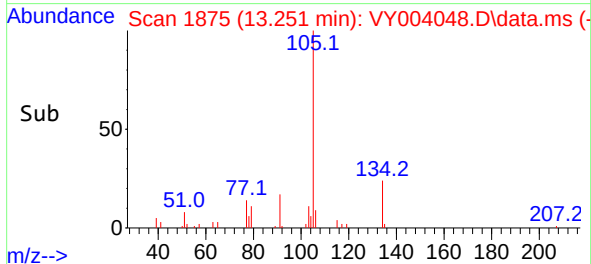
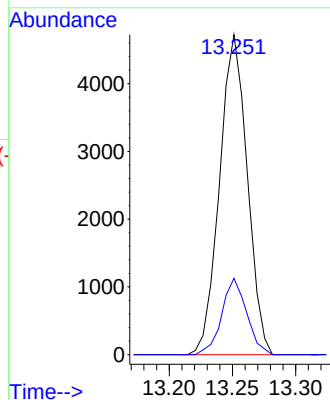
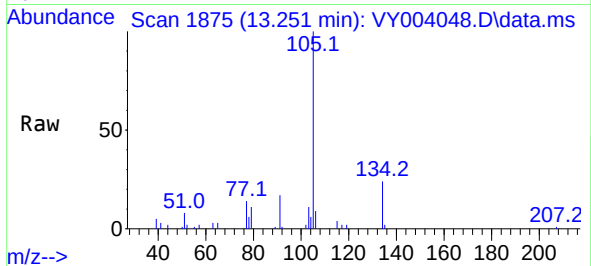
#85
sec-Butylbenzene
Concen: 2.41 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion:105 Resp: 7190
Ion Ratio Lower Upper
105 100
134 21.4 10.2 30.4

Instrument :
MSVOA_Y
ClientSampleId :
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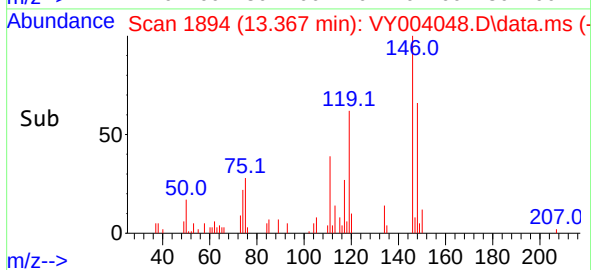
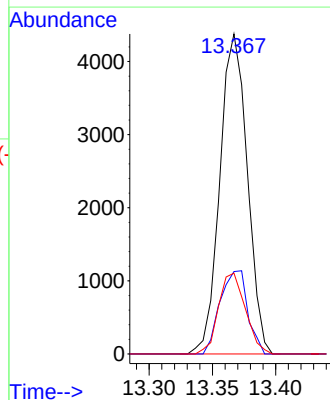
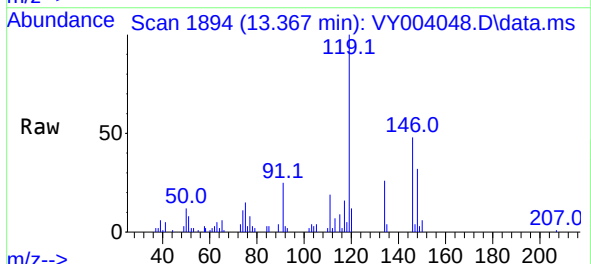
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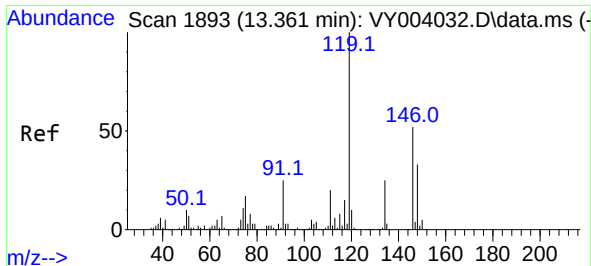
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#86
p-Isopropyltoluene
Concen: 2.38 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion:119 Resp: 6605
Ion Ratio Lower Upper
119 100
134 26.2 13.2 39.5
91 24.8 12.1 36.3





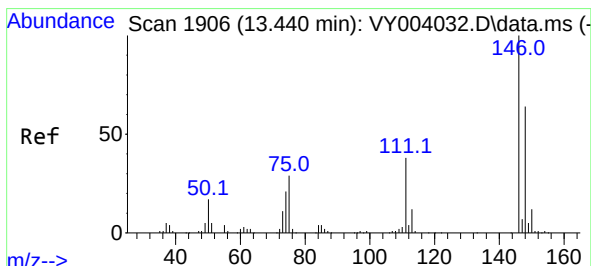
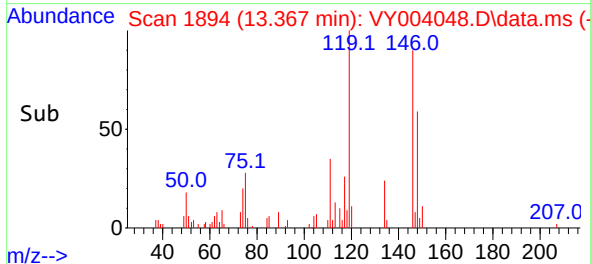
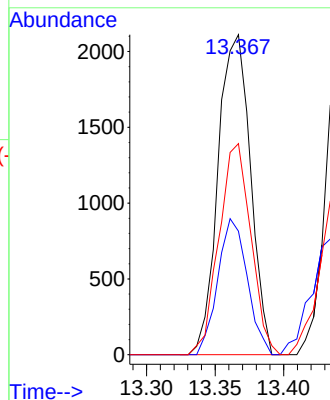
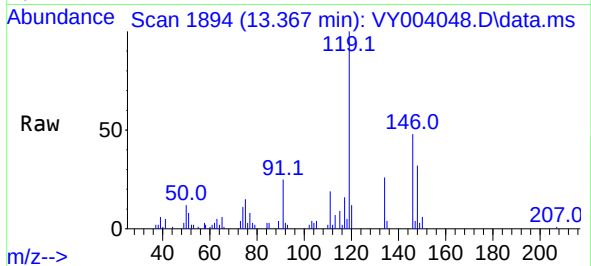
#87
1,3-Dichlorobenzene
Concen: 2.48 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion:	146	Resp:	3467
Ion Ratio	Lower	Upper	
146	100		
111	38.8	18.9	56.7
148	65.2	31.9	95.9

Instrument :
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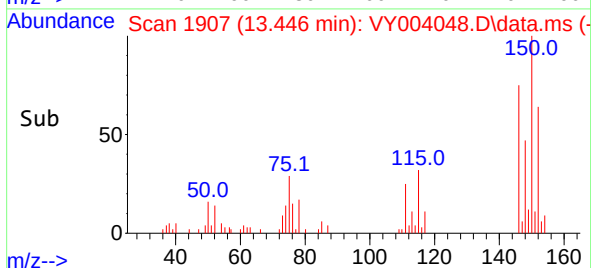
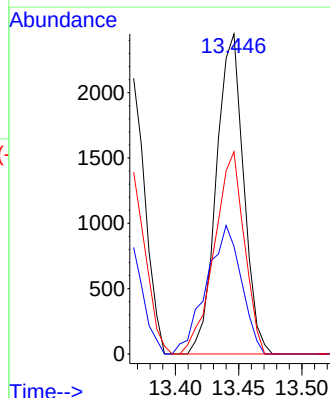
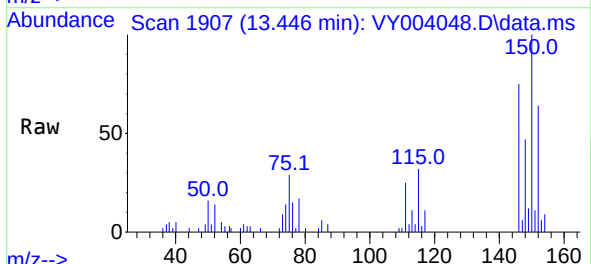
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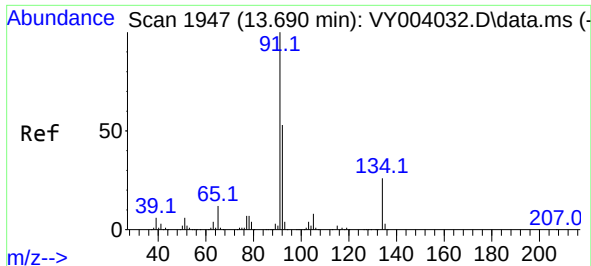
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#88
1,4-Dichlorobenzene
Concen: 2.64 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

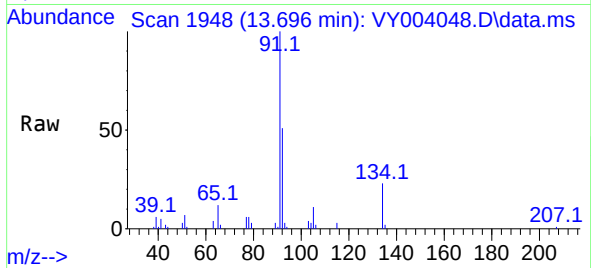
Tgt Ion:	146	Resp:	3663
Ion Ratio	Lower	Upper	
146	100		
111	51.5	18.6	55.8
148	69.6	31.8	95.4





#89
n-Butylbenzene
Concen: 2.56 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

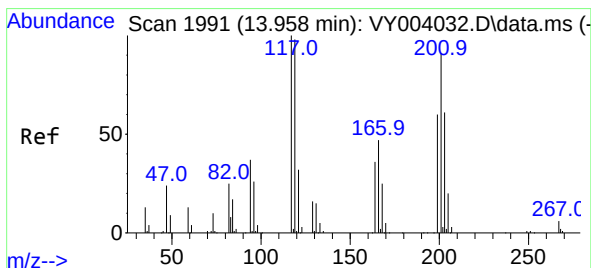
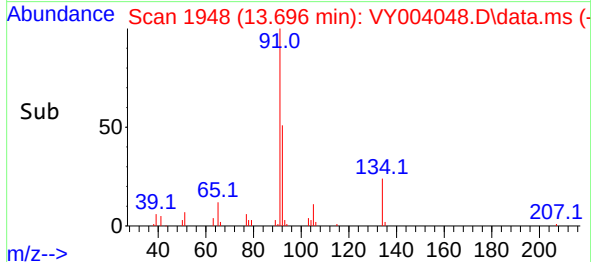
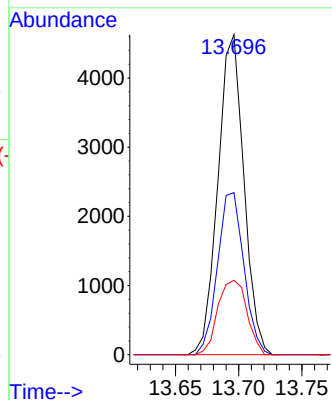
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 91 Resp: 6597
Ion Ratio Lower Upper
91 100
92 51.4 26.5 79.4
134 26.1 13.2 39.5

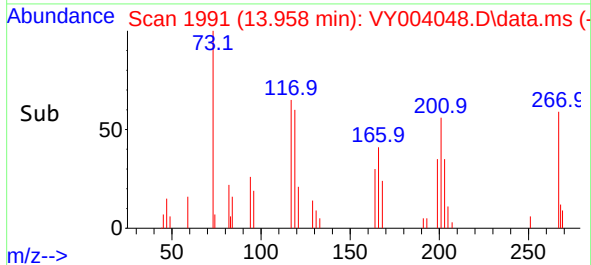
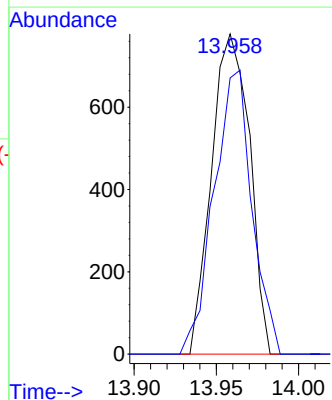
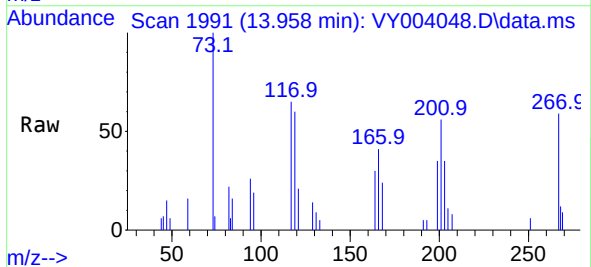
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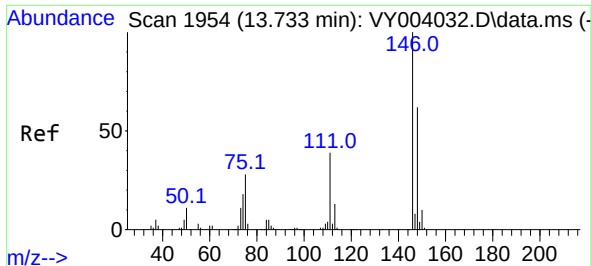
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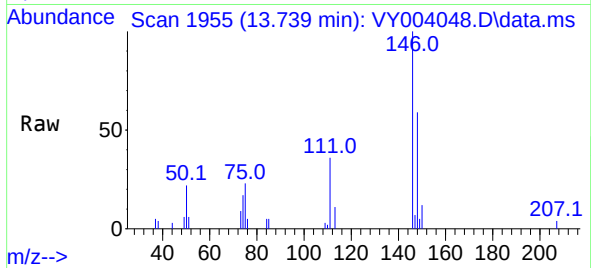
#90
Hexachloroethane
Concen: 2.53 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion: 117 Resp: 1252
Ion Ratio Lower Upper
117 100
201 88.8 46.0 138.0

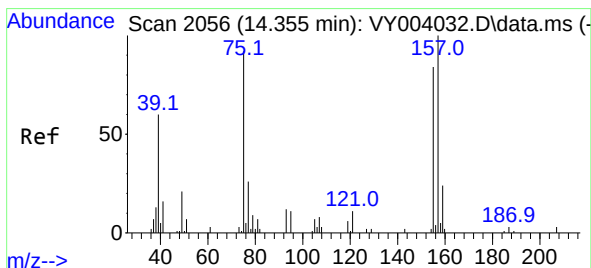
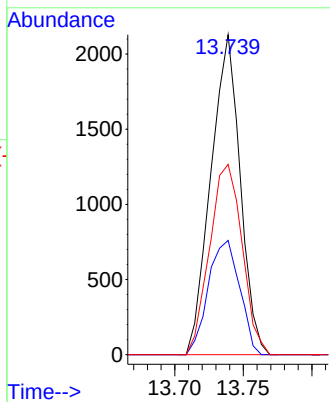
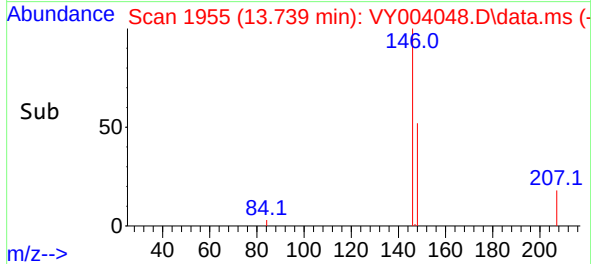




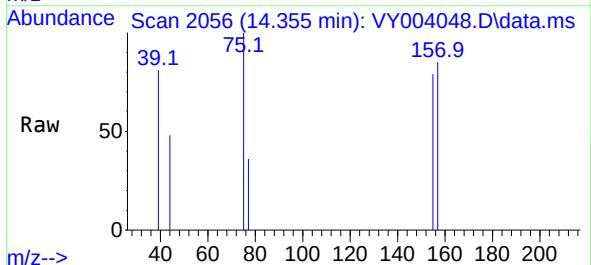
#91
1,2-Dichlorobenzene
Concen: 2.56 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



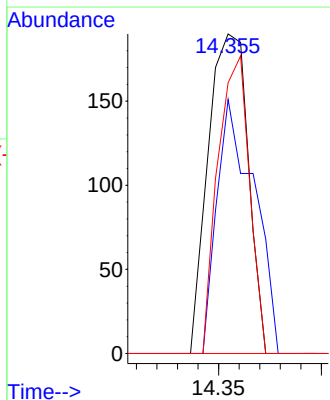
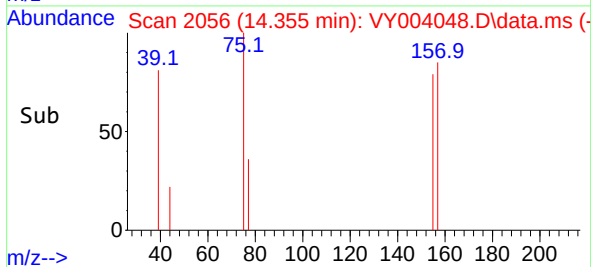
Tgt Ion:146 Resp: 3168
Ion Ratio Lower Upper
146 100
111 38.2 19.6 58.8
148 66.0 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.47 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



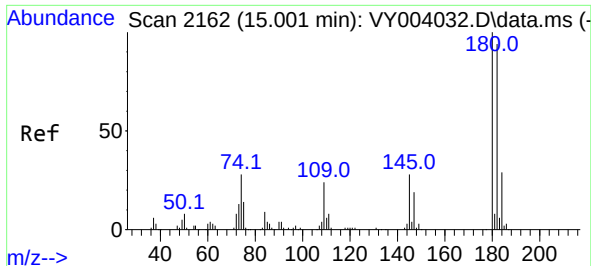
Tgt Ion: 75 Resp: 257
Ion Ratio Lower Upper
75 100
155 73.5 42.8 128.4
157 73.2 52.4 157.3



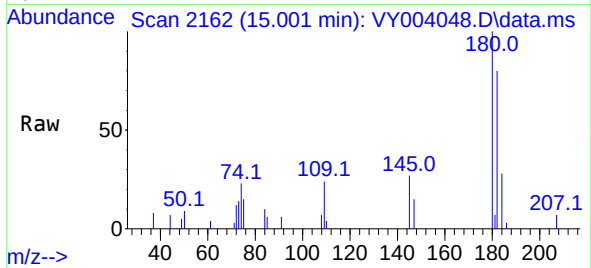
Instrument :
MSVOA_Y
ClientSampleId :
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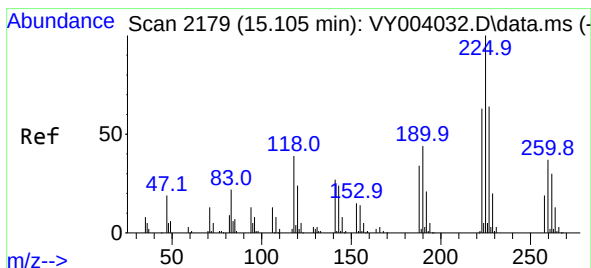
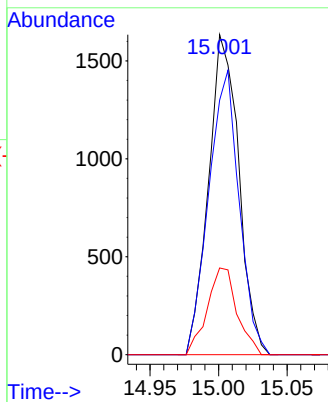
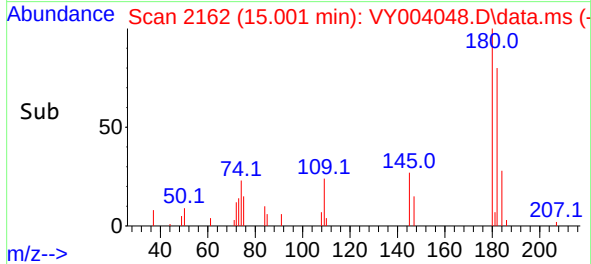
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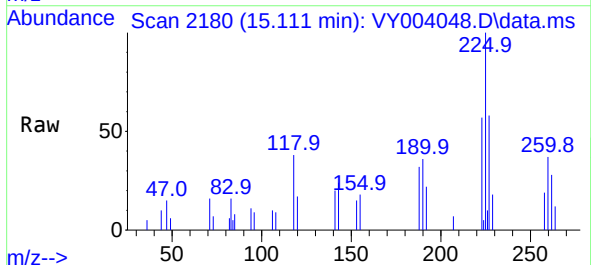
#93
1,2,4-Trichlorobenzene
Concen: 2.82 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



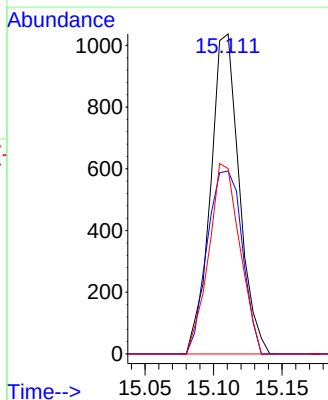
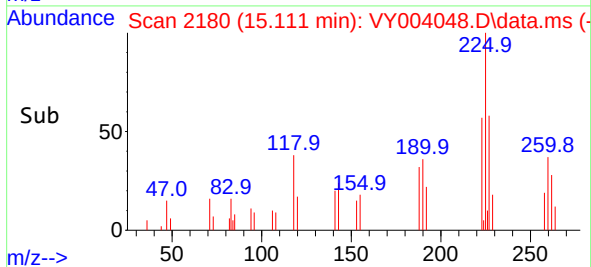
Tgt Ion:180 Resp: 2506
Ion Ratio Lower Upper
180 100
182 89.5 48.0 144.0
145 26.7 14.1 42.2



#94
Hexachlorobutadiene
Concen: 2.70 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39



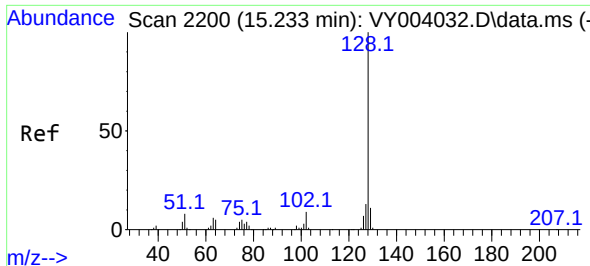
Tgt Ion:225 Resp: 1512
Ion Ratio Lower Upper
225 100
223 69.5 31.5 94.5
227 64.5 32.1 96.3



Instrument :
MSVOA_Y
ClientSampleId :
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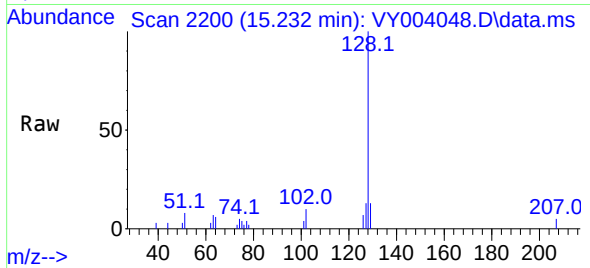
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#95
Naphthalene
Concen: 2.68 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

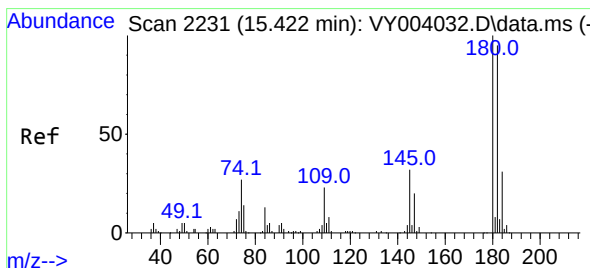
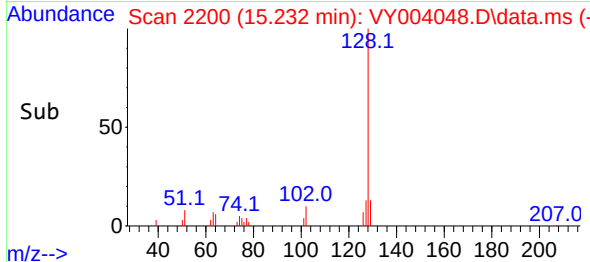
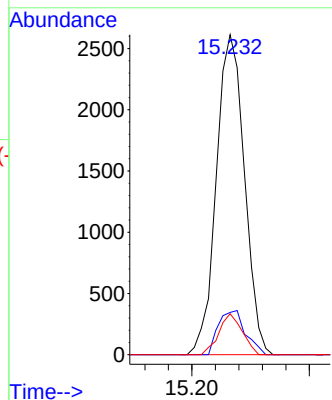
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion:	128	Resp:	4343
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:17:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.74 ug/l
RT: 15.415 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY004048.D
Acq: 24 Feb 2021 12:39

Tgt Ion:	180	Resp:	2078
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.6	142.8
145	31.3	15.3	45.9

