

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004419.D
 Acq On : 14 Apr 2021 14:16
 Operator : SY/MD
 Sample : M2025-05
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 104-SB-2

Quant Time: Apr 15 01:07:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

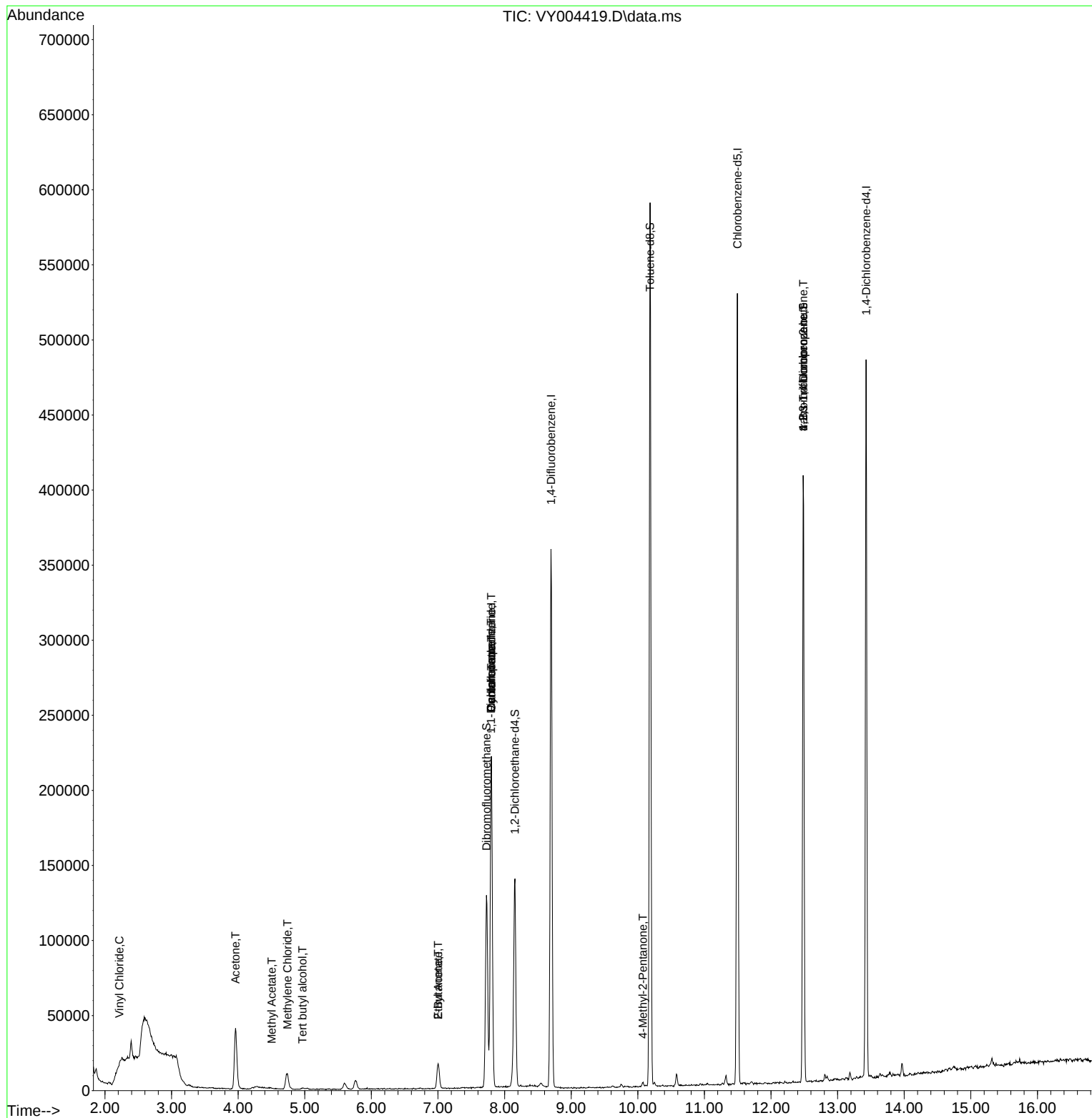
Internal Standards						
1) Pentafluorobenzene	7.801	168	167990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	104216	55.84	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.68%			
35) Dibromofluoromethane	7.728	113	89004	54.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.92%			
50) Toluene-d8	10.185	98	361969	52.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.14%			
62) 4-Bromofluorobenzene	12.483	95	118230	50.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.24%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.217	62	7254	3.05	ug/l #	43
11) Tert butyl alcohol	4.966	59	665	3.62	ug/l #	73
16) Acetone	3.960	43	69722	169.83	ug/l	99
18) Methyl Acetate	4.503	43	1514	1.16	ug/l #	54
20) Methylene Chloride	4.741	84	7604	4.22	ug/l	88
25) 2-Butanone	7.002	43	29192	41.06	ug/l	98
31) Cyclohexane	7.801	56	3727	1.09	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13960	4.77	ug/l #	50
37) Ethyl Acetate	7.002	43	29192	15.49	ug/l #	70
38) Carbon Tetrachloride	7.801	117	16707	6.60	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1967	1.07	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	64624	51.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64624	92.95	ug/l #	12

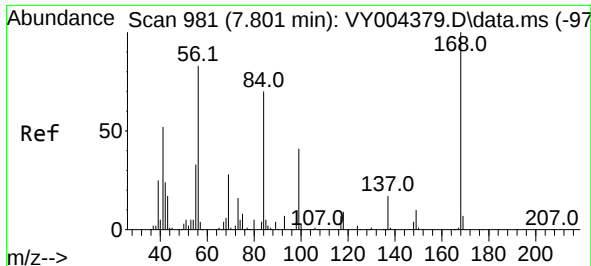
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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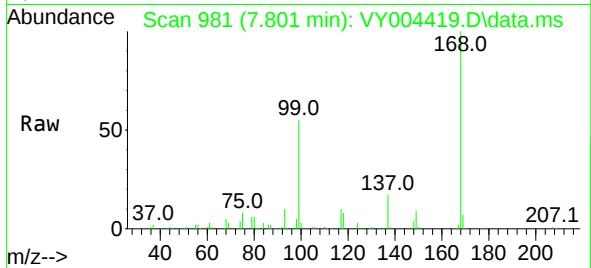
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



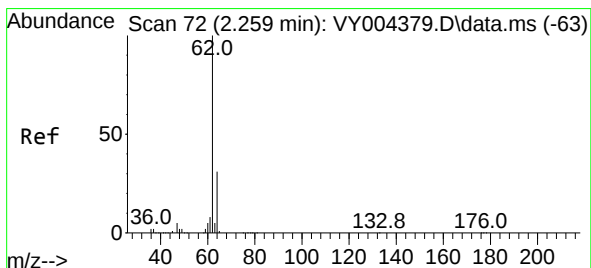
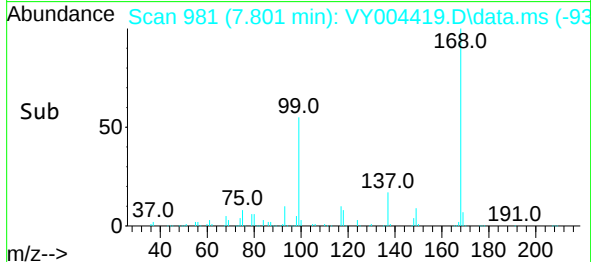
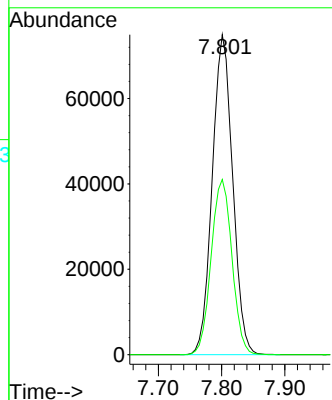


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Instrument :
MSVOA_Y
ClientSampleId :
104-SB-2

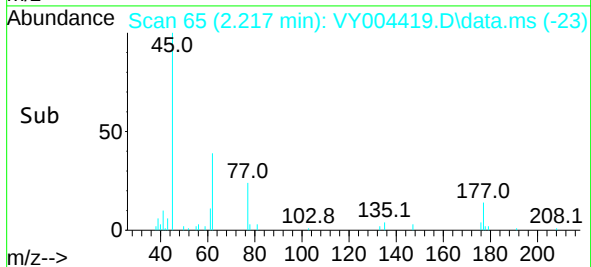
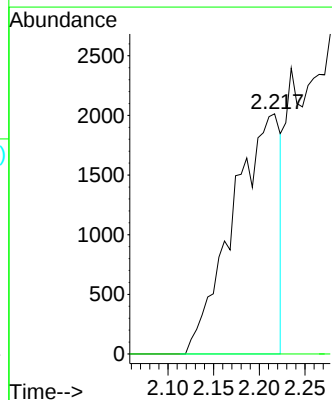
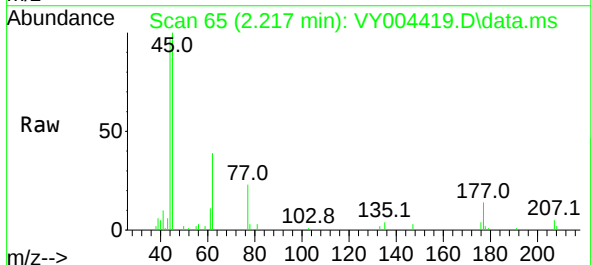


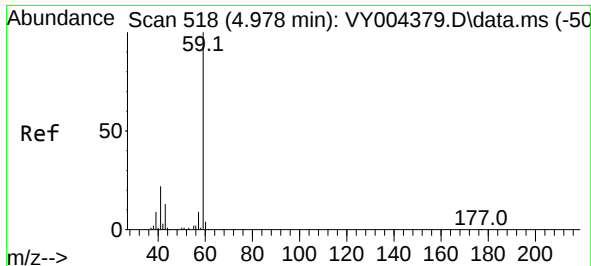
Tgt Ion:168 Resp: 167990
Ion Ratio Lower Upper
168 100
99 54.8 45.5 68.3



#4
Vinyl Chloride
Concen: 3.05 ug/l
RT: 2.217 min Scan# 65
Delta R.T. -0.043 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Tgt Ion: 62 Resp: 7254
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

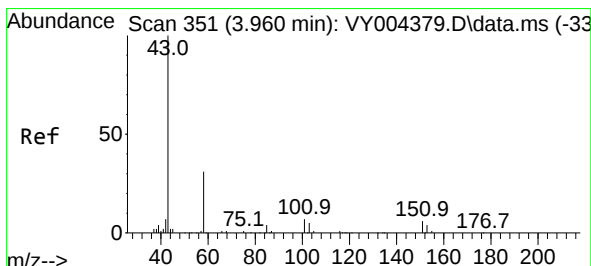
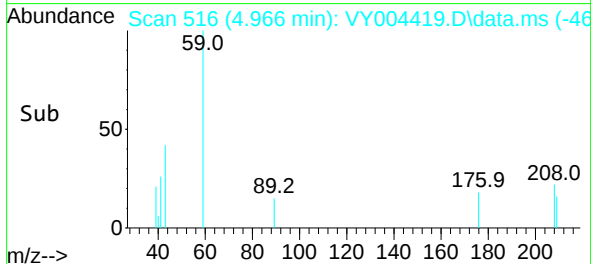
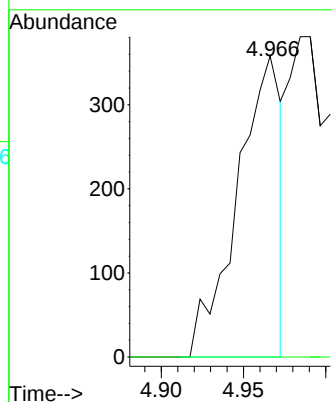
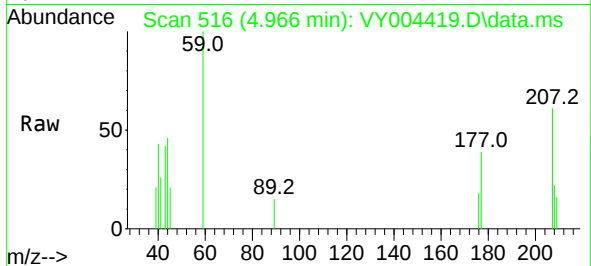




#11
Tert butyl alcohol
Concen: 3.62 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

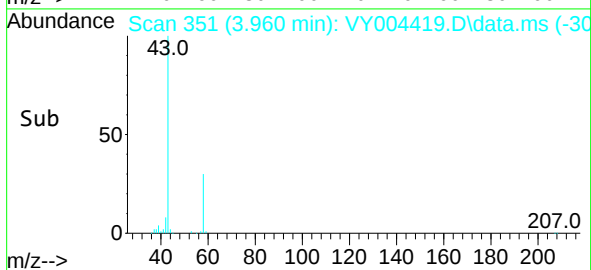
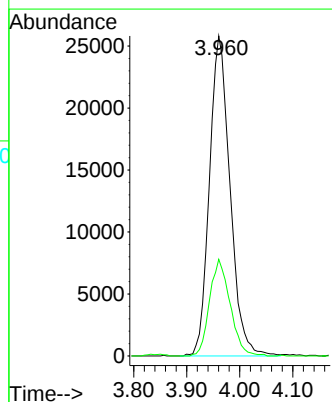
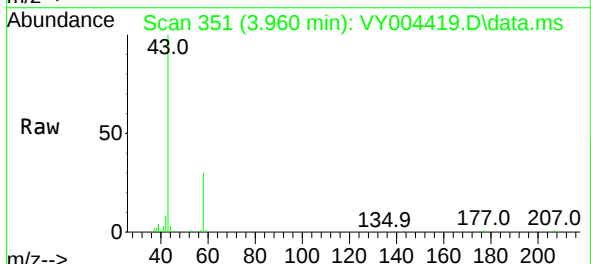
Instrument :
MSVOA_Y
ClientSampleId :
104-SB-2

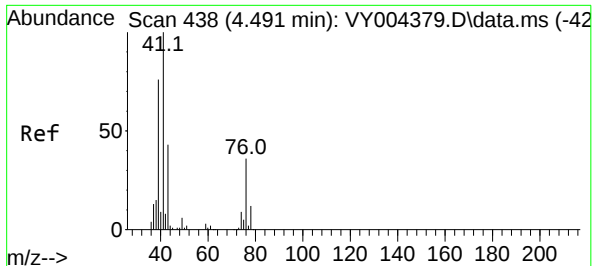
Tgt Ion: 59 Resp: 665
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 169.83 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Tgt Ion: 43 Resp: 69722
Ion Ratio Lower Upper
43 100
58 30.2 24.6 37.0

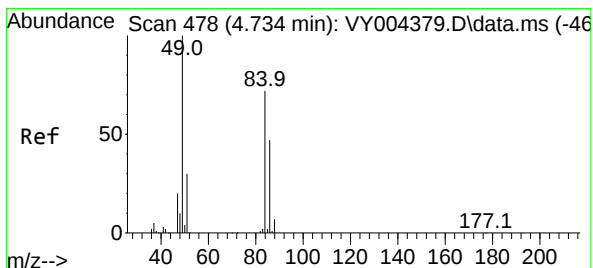
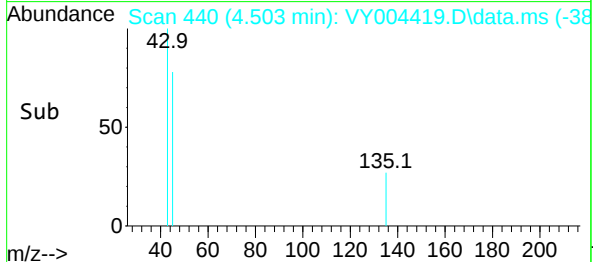
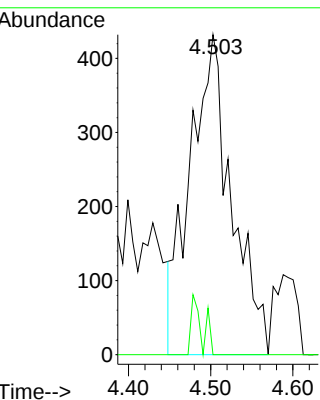
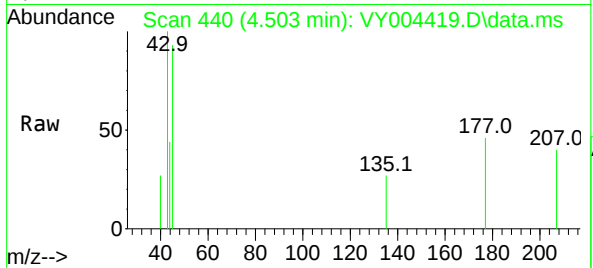




#18
Methyl Acetate
Concen: 1.16 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

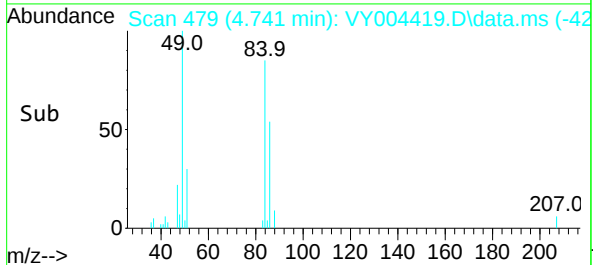
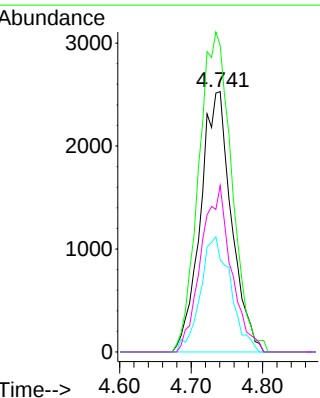
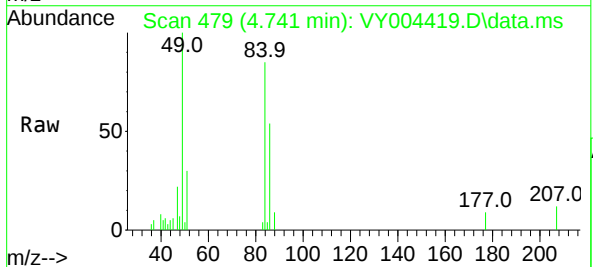
Instrument :
MSVOA_Y
ClientSampleId :
104-SB-2

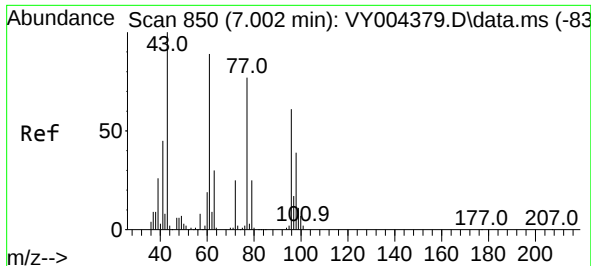
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
74 0.0 17.2 25.8#



#20
Methylene Chloride
Concen: 4.22 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Tgt Ion: 84 Resp: 7604
Ion Ratio Lower Upper
84 100
49 117.7 111.2 166.8
51 35.4 33.4 50.2
86 64.0 52.7 79.1

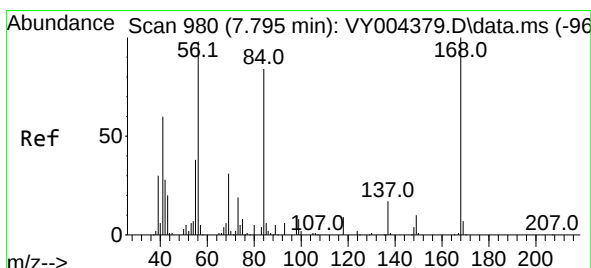
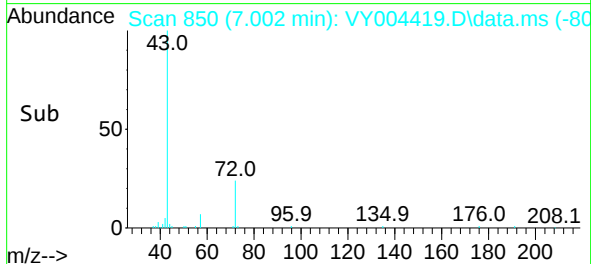
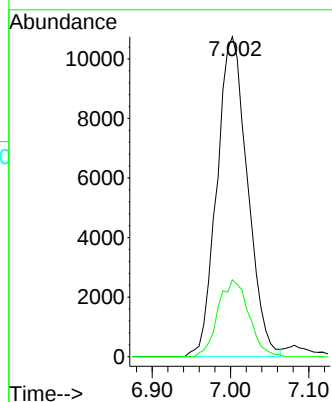
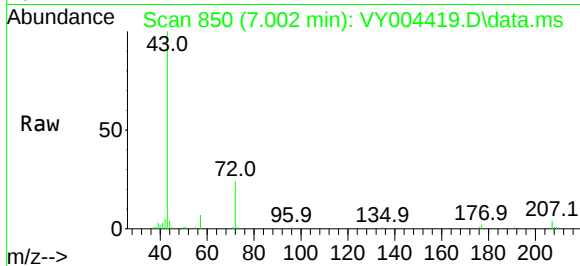




#25
2-Butanone
Concen: 41.06 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

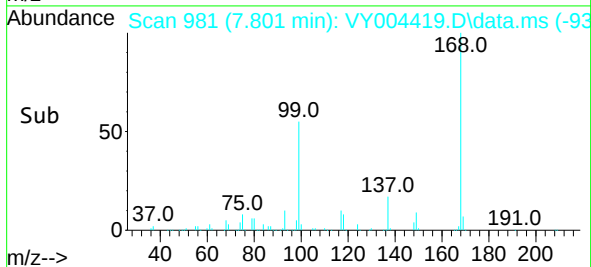
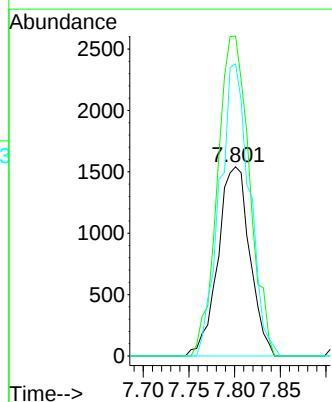
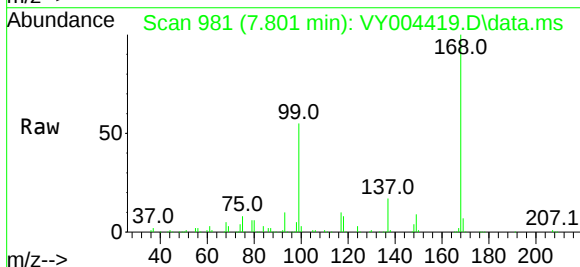
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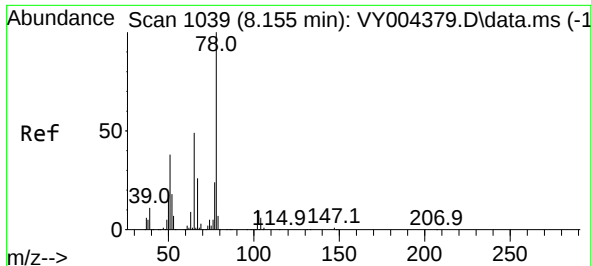
Tgt Ion: 43 Resp: 29192
Ion Ratio Lower Upper
43 100
72 24.0 20.2 30.2



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Tgt Ion: 56 Resp: 3727
Ion Ratio Lower Upper
56 100
69 169.2 25.8 38.6#
84 154.4 68.2 102.4#

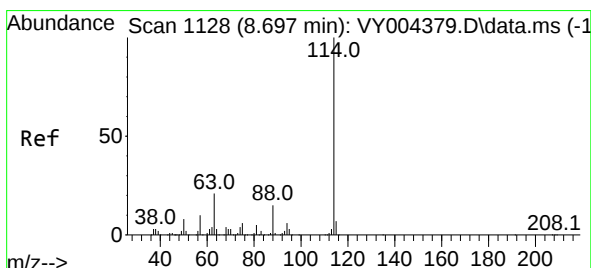
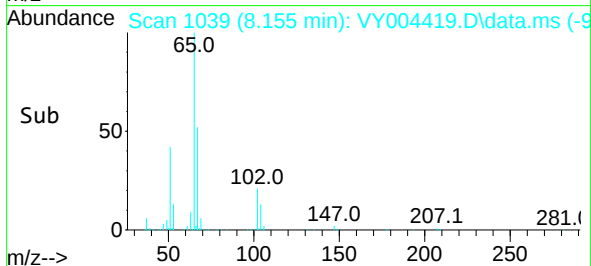
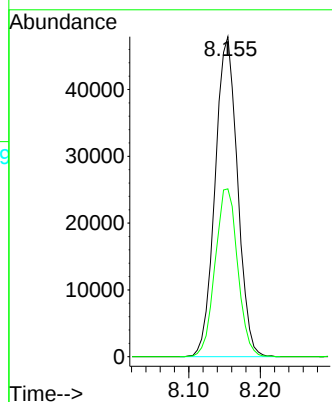
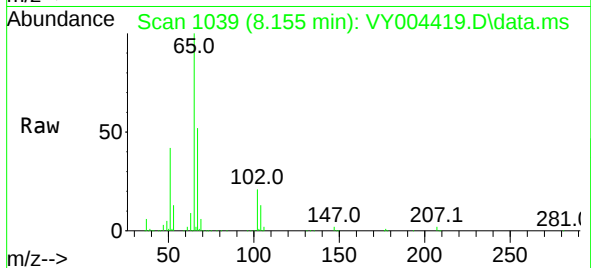




#33
1,2-Dichloroethane-d4
Concen: 55.84 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

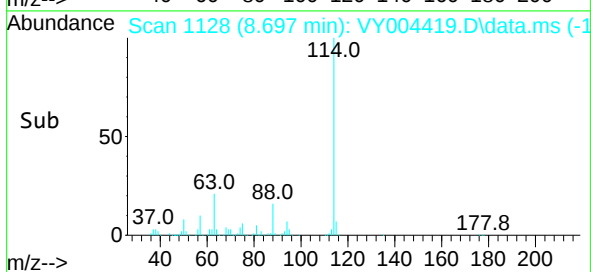
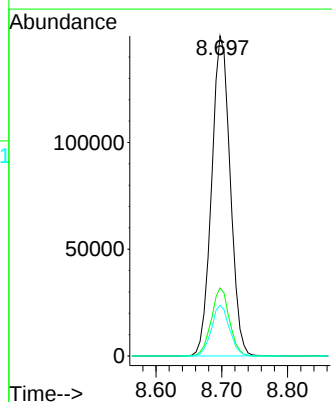
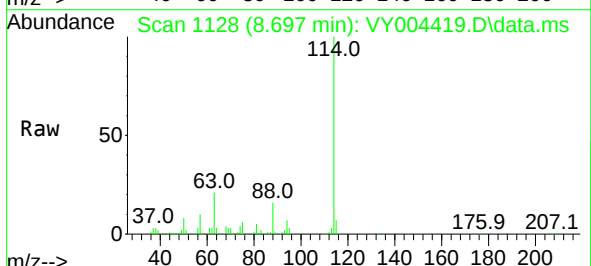
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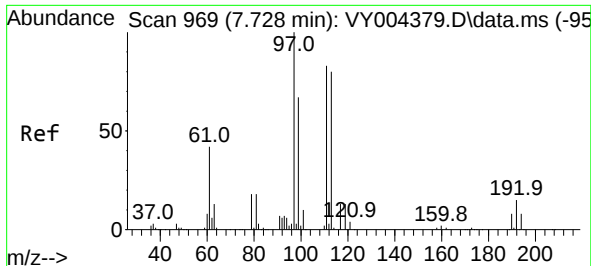
Tgt Ion: 65 Resp: 104216
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Tgt Ion:114 Resp: 294506
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.9 0.0 30.8

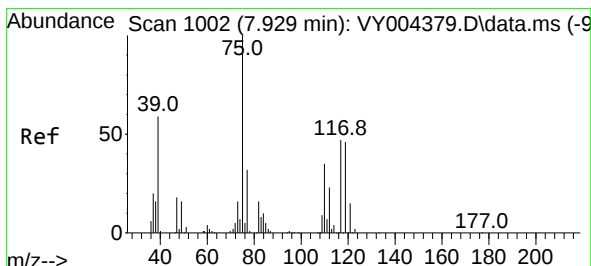
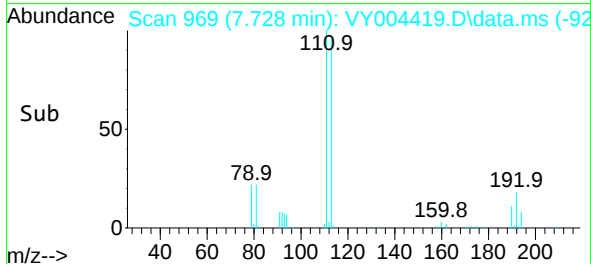
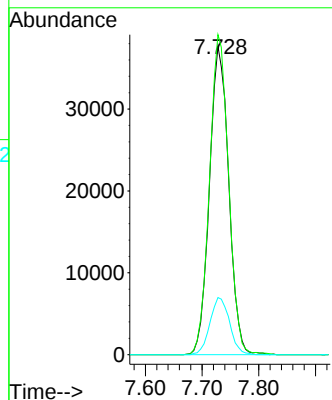
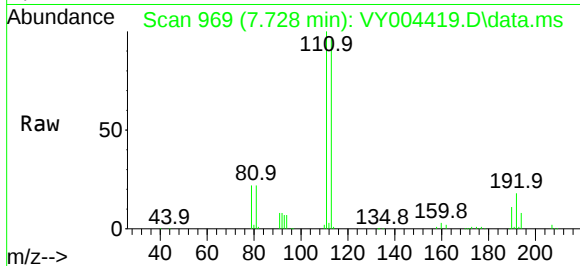




#35
Dibromofluoromethane
Concen: 54.46 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

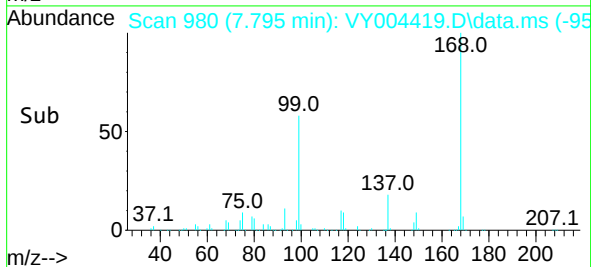
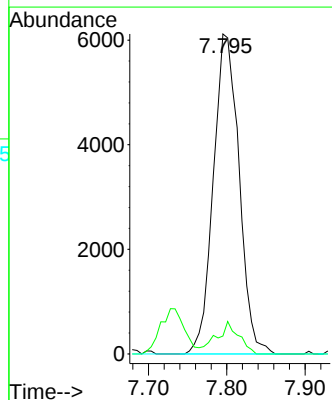
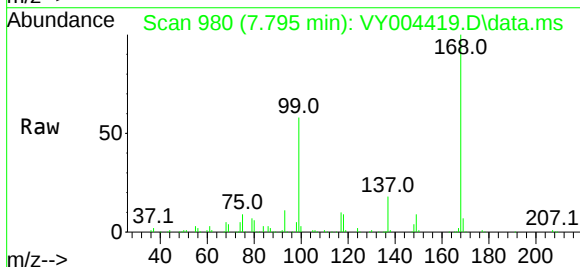
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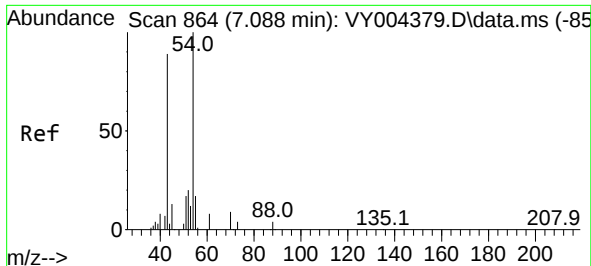
Tgt Ion:	113	Resp:	89004
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	18.8	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Tgt Ion:	75	Resp:	13960
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	51.7#
77	0.0	24.3	36.5#





#37

Ethyl Acetate

Concen: 15.49 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.085 min

Lab File: VY004419.D

Acq: 14 Apr 2021 14:16

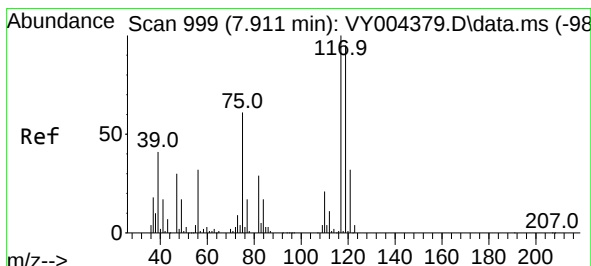
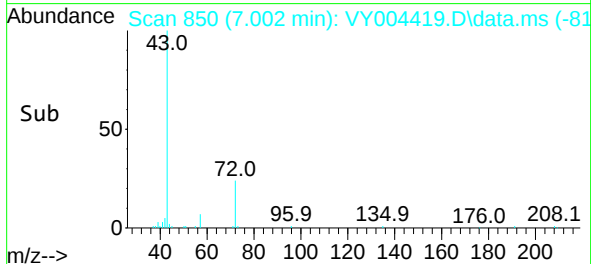
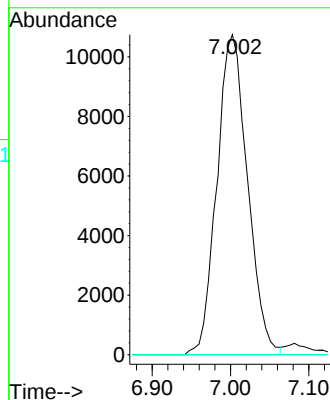
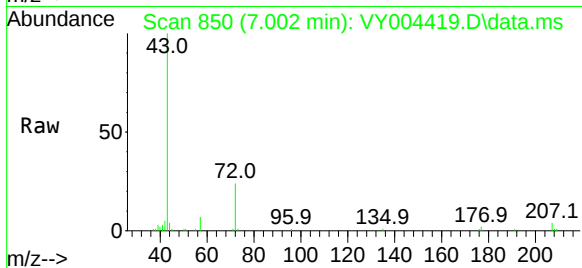
Instrument :

MSVOA_Y

ClientSampleId :

104-SB-2

Tgt Ion:	43	Resp:	29192
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.0	7.5	11.3#



#38

Carbon Tetrachloride

Concen: 6.60 ug/l

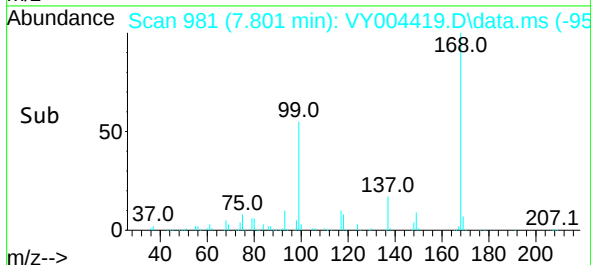
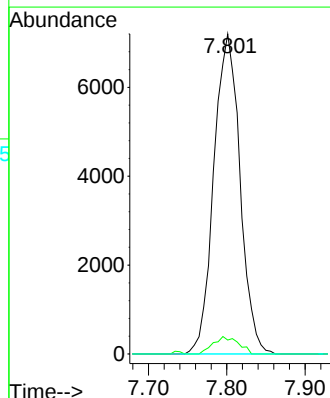
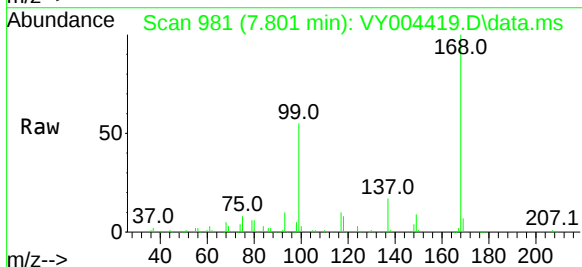
RT: 7.801 min Scan# 981

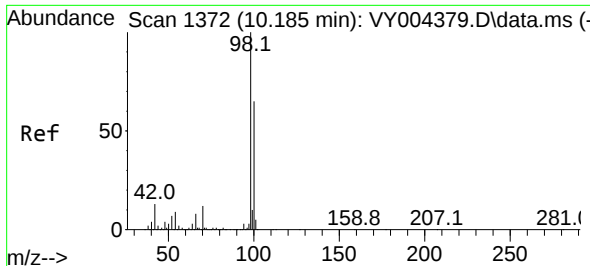
Delta R.T. -0.110 min

Lab File: VY004419.D

Acq: 14 Apr 2021 14:16

Tgt Ion:	117	Resp:	16707
Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.8	113.8#
121	0.0	25.3	37.9#

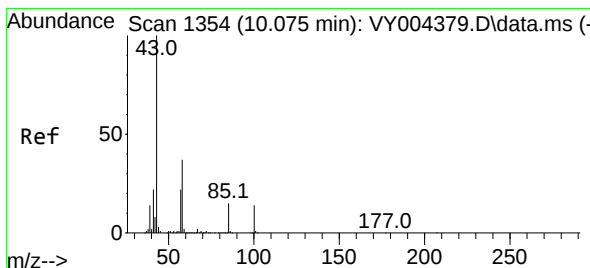
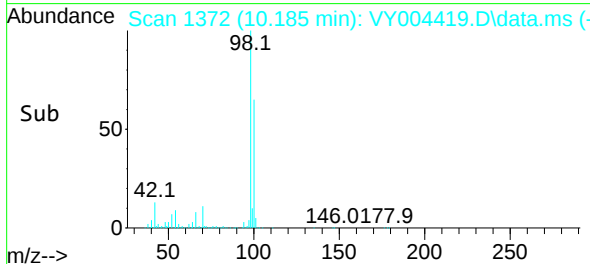
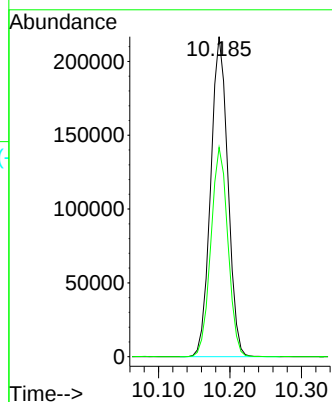
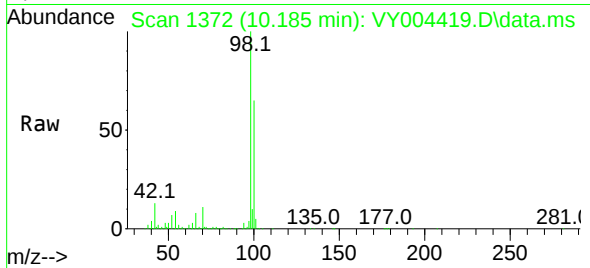




#50
Toluene-d8
Concen: 52.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

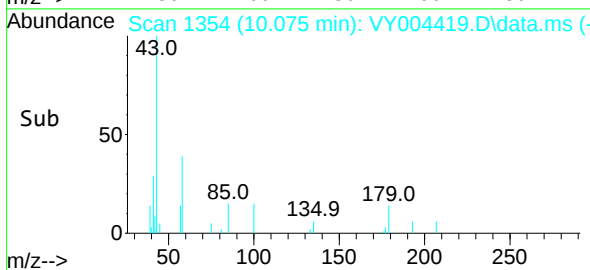
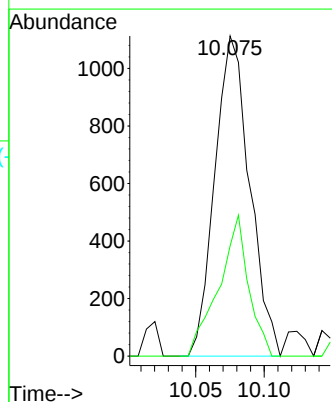
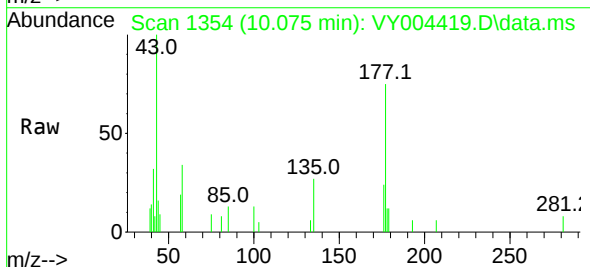
Instrument :
MSVOA_Y
ClientSampleId :
104-SB-2

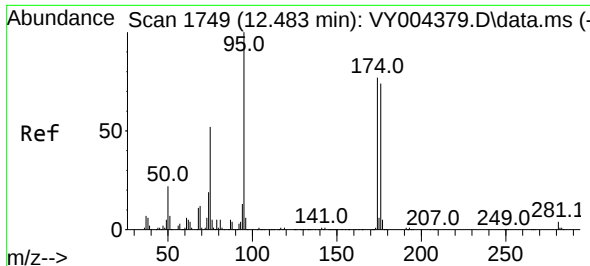
Tgt Ion: 98 Resp: 361969
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
58 37.7 29.2 43.8

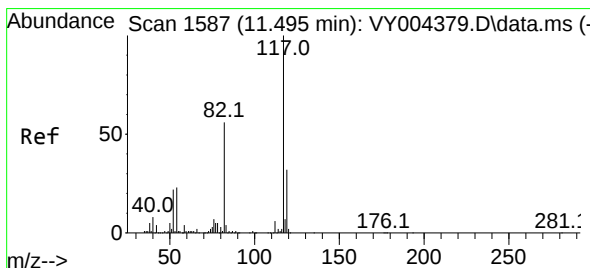
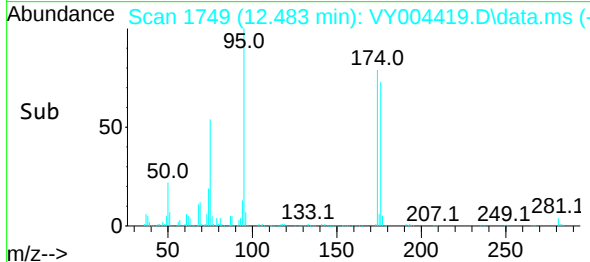
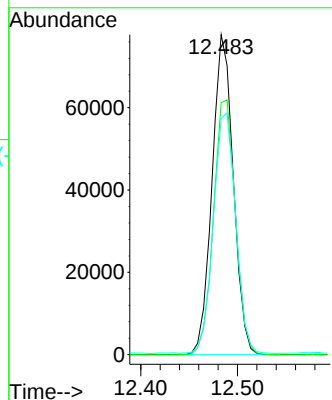
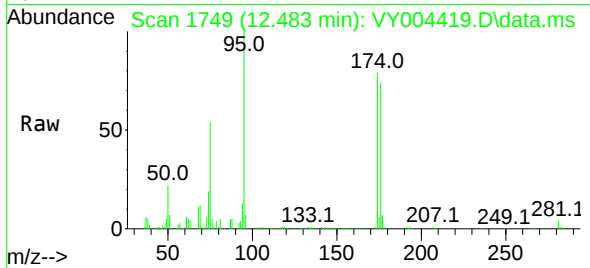




#62
4-Bromofluorobenzene
Concen: 50.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

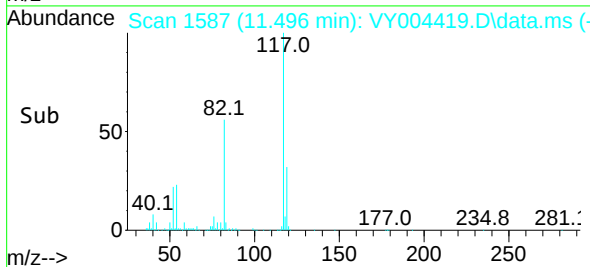
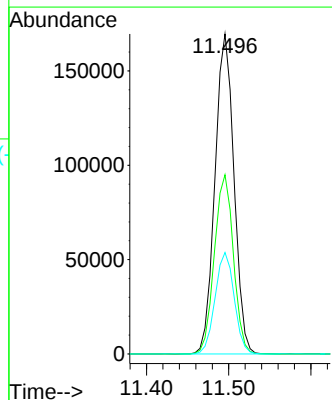
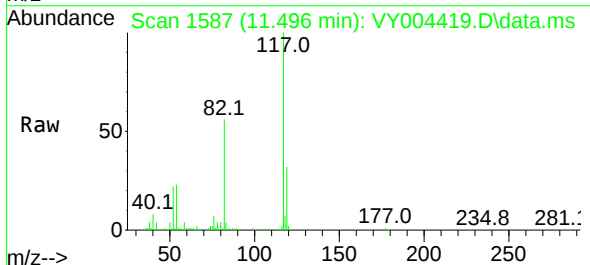
Instrument :
MSVOA_Y
ClientSampleId :
104-SB-2

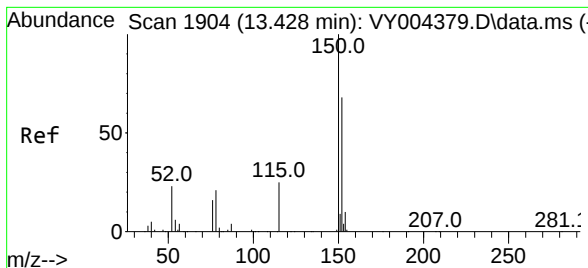
Tgt Ion: 95 Resp: 118230
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 79.1 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Tgt Ion: 117 Resp: 272648
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 31.7 25.4 38.0

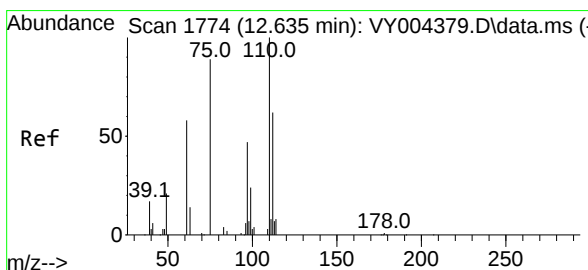
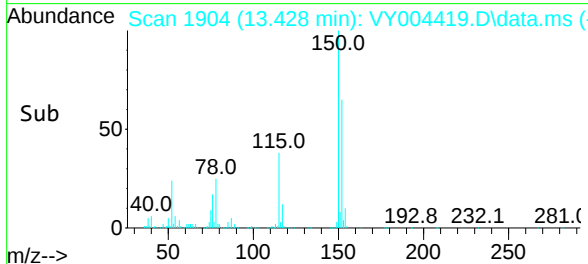
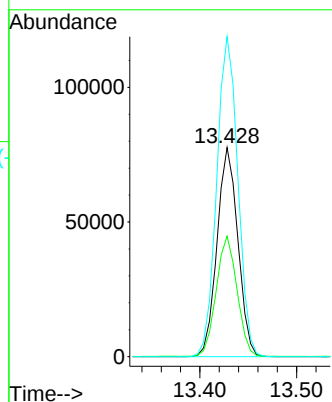
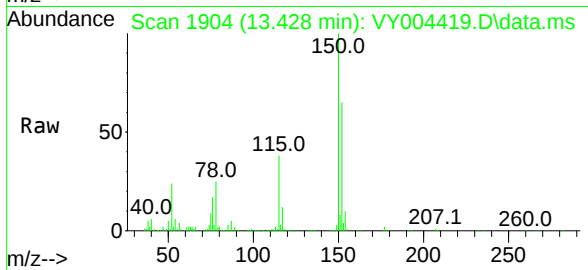




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

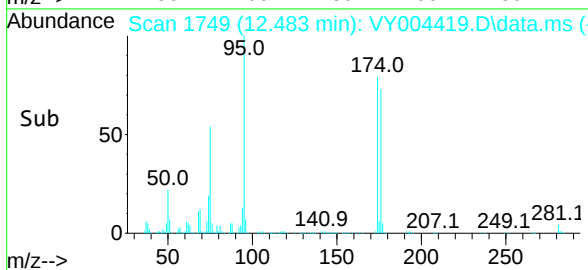
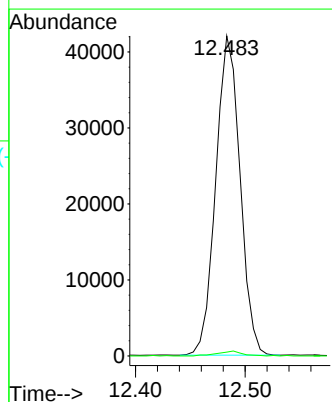
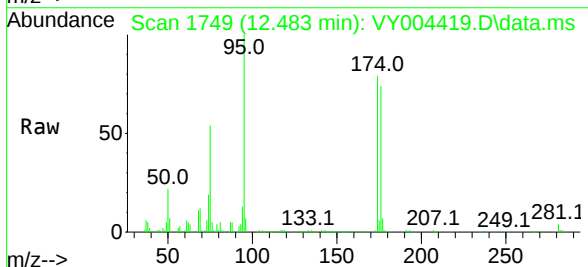
Instrument :
MSVOA_Y
ClientSampled :
104-SB-2

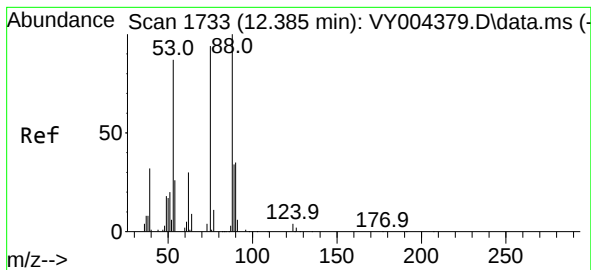
Tgt Ion:152 Resp: 115889
Ion Ratio Lower Upper
152 100
115 57.3 29.6 88.8
150 155.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 51.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

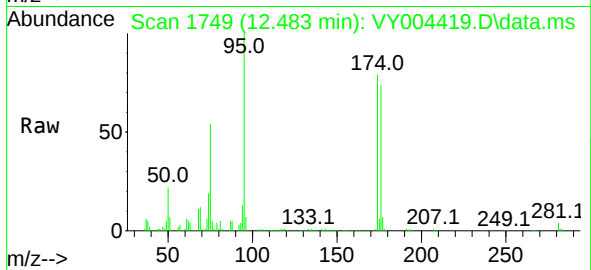
Tgt Ion: 75 Resp: 64624
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004419.D
Acq: 14 Apr 2021 14:16

Instrument :
MSVOA_Y
ClientSampleId :
104-SB-2



Tgt Ion: 75 Resp: 64624
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.5 36.1 54.1#

