

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013365.D
 Acq On : 20 Apr 2023 14:03
 Operator : KP/MD
 Sample : 02371-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-26-9.0-9.5

Quant Time: Apr 21 02:14:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

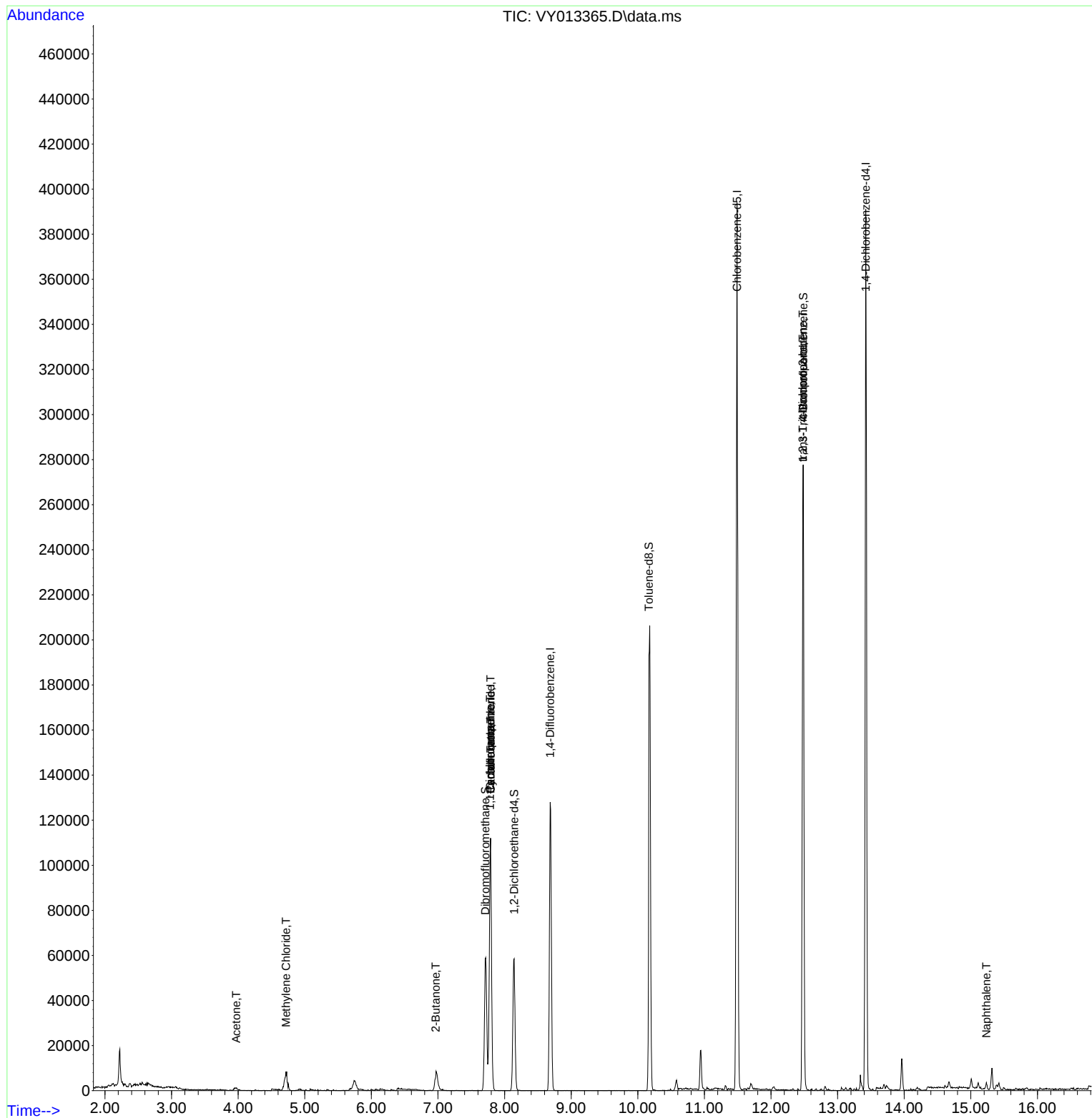
Internal Standards						
1) Pentafluorobenzene	7.789	168	81341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	96367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59822	61.197	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.400%			
35) Dibromofluoromethane	7.710	113	35663	57.164	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.320%			
50) Toluene-d8	10.167	98	137794	59.339	ug/l	-0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.680%			
62) 4-Bromofluorobenzene	12.483	95	71892	95.284	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 190.560%#			
Target Compounds						
11) Tert butyl alcohol	5.021	59	113	Below Cal	#	74
16) Acetone	3.973	43	3108	9.247	ug/l	96
20) Methylene Chloride	4.716	84	5852	2.536	ug/l #	78
25) 2-Butanone	6.966	43	695	1.615	ug/l #	49
31) Cyclohexane	7.789	56	2050	1.387	ug/l #	2
36) 1,1-Dichloropropene	7.783	75	5738	6.071	ug/l #	55
38) Carbon Tetrachloride	7.789	117	8603	8.232	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	44776	35.938	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44776	74.590	ug/l #	13
95) Naphthalene	15.233	128	2814	3.805	ug/l #	83

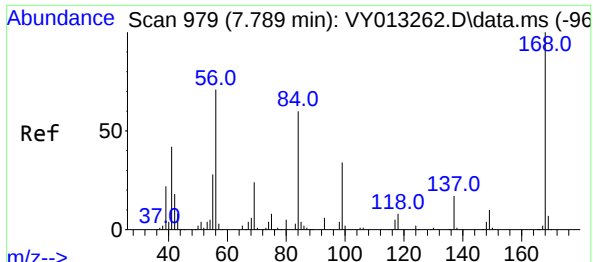
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-26-9.0-9.5

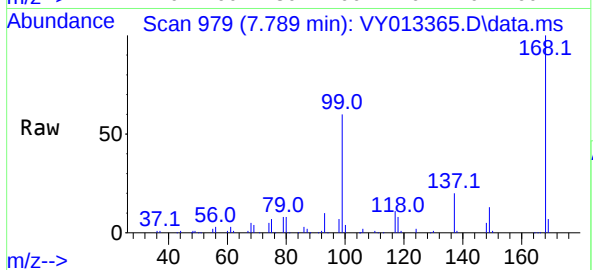
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



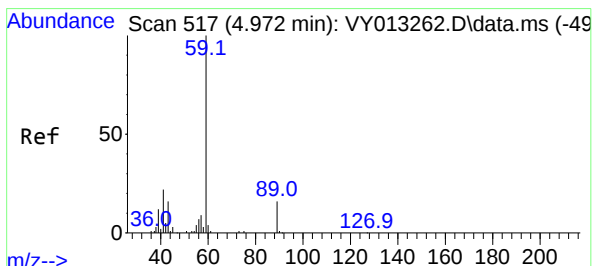
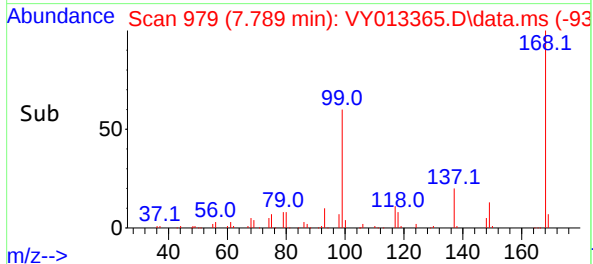
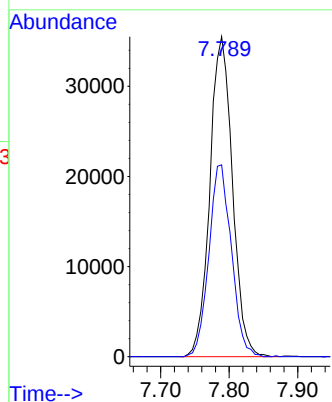


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

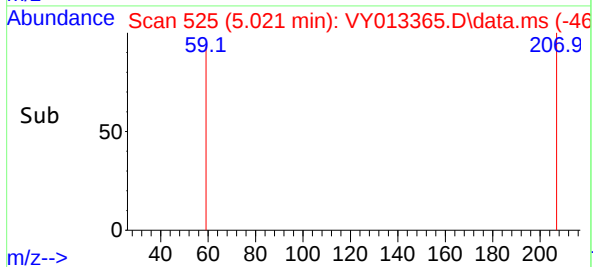
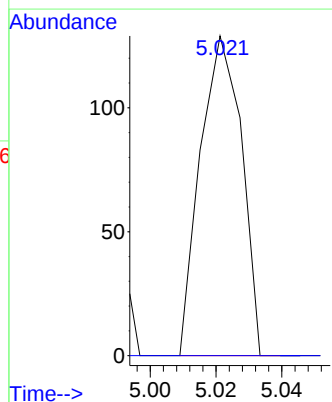
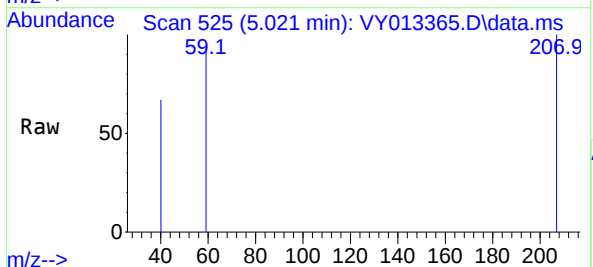


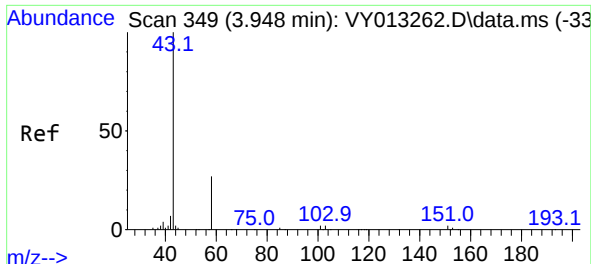
Tgt Ion:168 Resp: 81341
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.021 min Scan# 525
Delta R.T. 0.049 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Tgt Ion: 59 Resp: 113
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

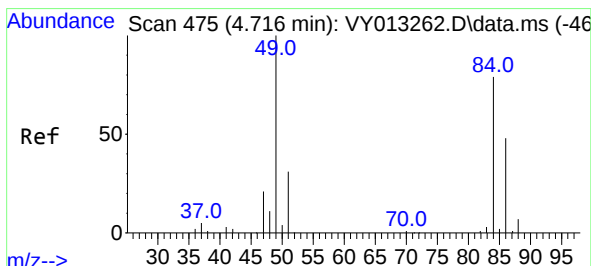
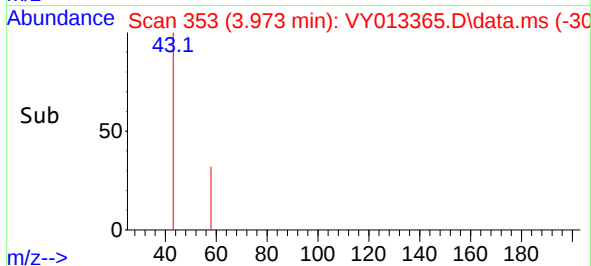
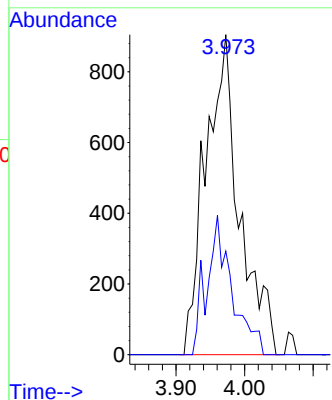
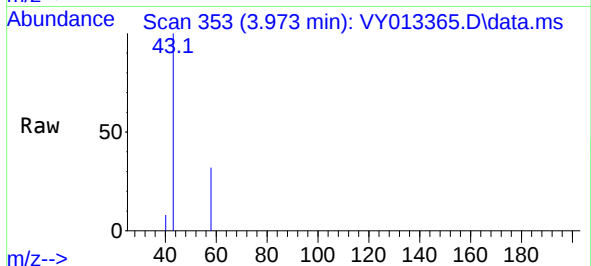




#16
Acetone
Concen: 9.247 ug/l
RT: 3.973 min Scan# 3108
Delta R.T. 0.024 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

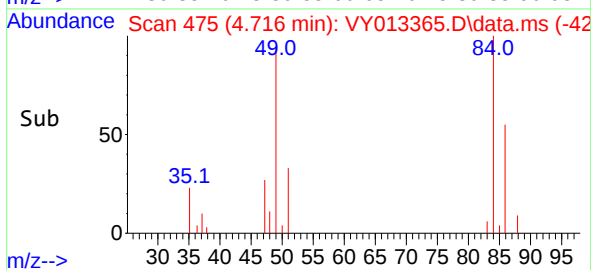
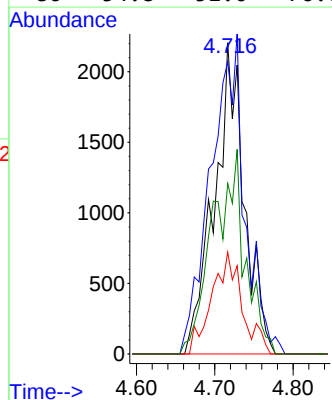
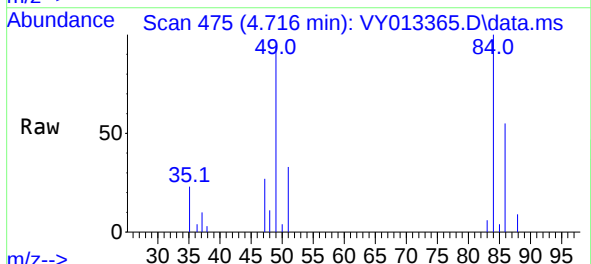
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

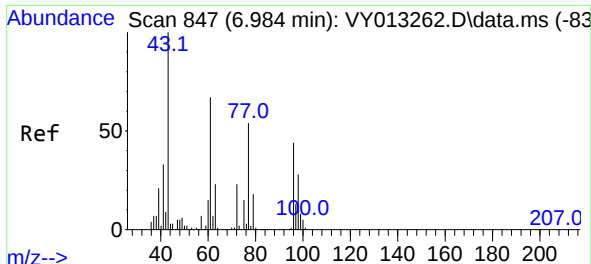
Tgt Ion: 43 Resp: 3108
Ion Ratio Lower Upper
43 100
58 32.4 24.2 36.2



#20
Methylene Chloride
Concen: 2.536 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Tgt Ion: 84 Resp: 5852
Ion Ratio Lower Upper
84 100
49 94.0 102.6 154.0#
51 32.7 31.9 47.9
86 54.8 51.0 76.6

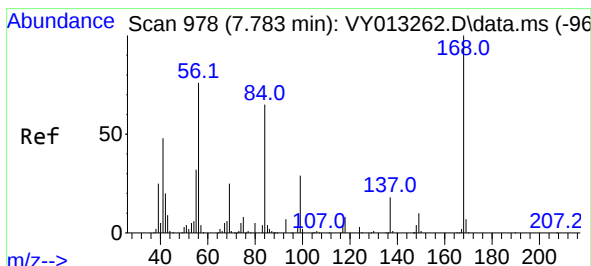
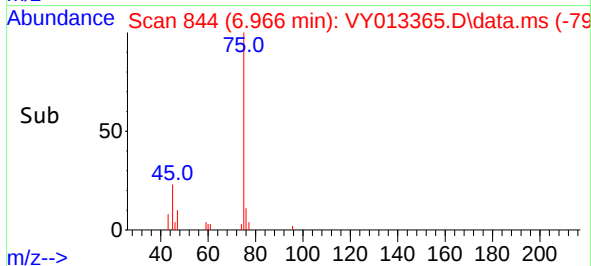
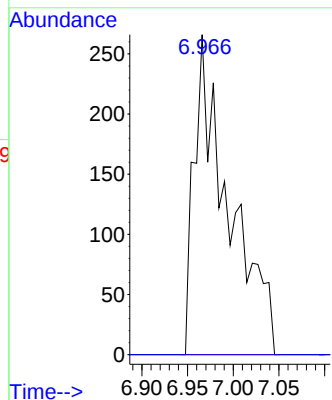
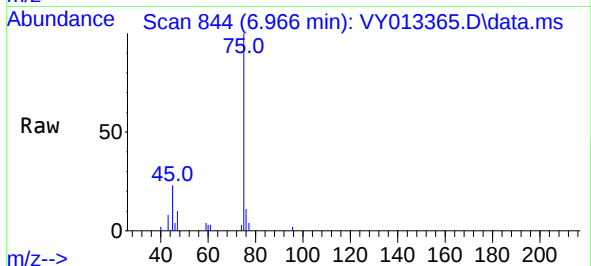




#25
2-Butanone
Concen: 1.615 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

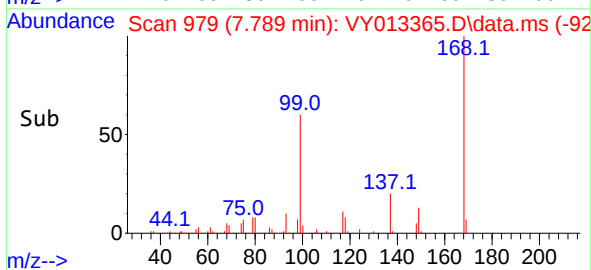
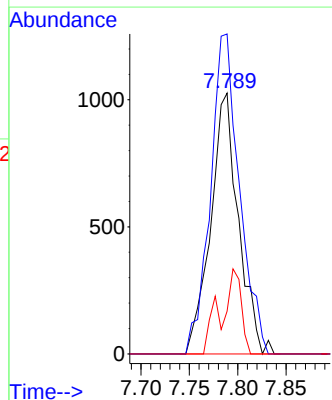
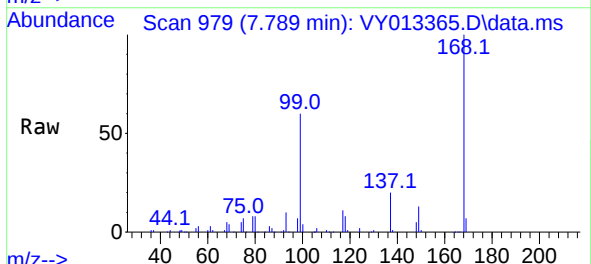
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

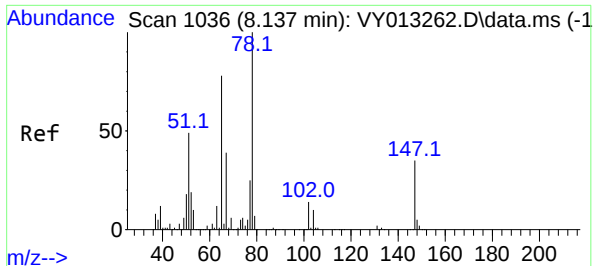
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.387 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Tgt Ion: 56 Resp: 2050
Ion Ratio Lower Upper
56 100
69 122.7 25.7 38.5#
84 16.4 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 61.197 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013365.D

Acq: 20 Apr 2023 14:03

Instrument :

MSVOA_Y

ClientSampleId :

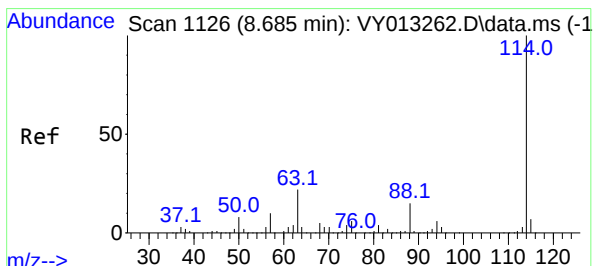
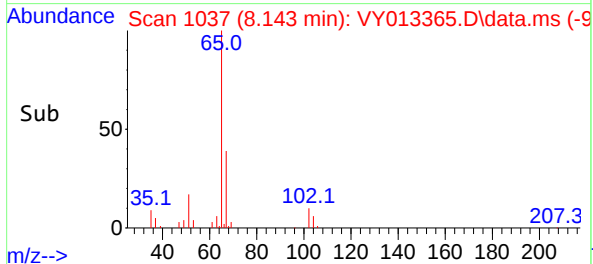
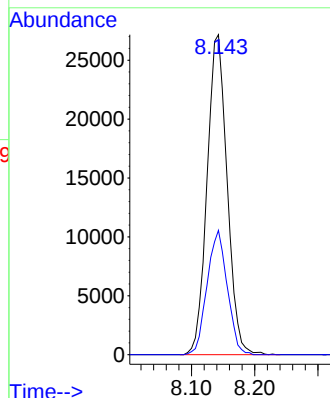
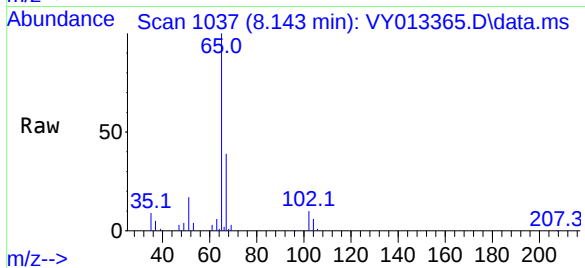
SB-26-9.0-9.5

Tgt Ion: 65 Resp: 59822

Ion Ratio Lower Upper

65 100

67 39.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013365.D

Acq: 20 Apr 2023 14:03

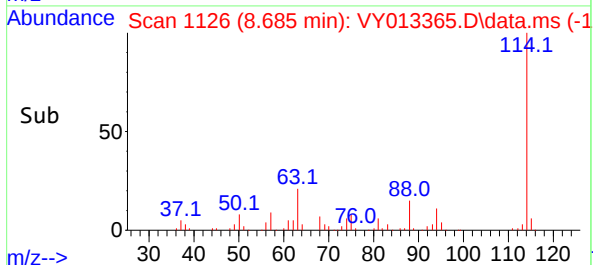
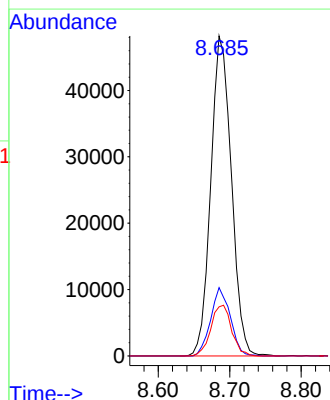
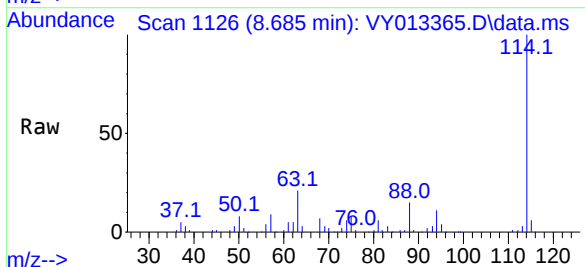
Tgt Ion: 114 Resp: 96367

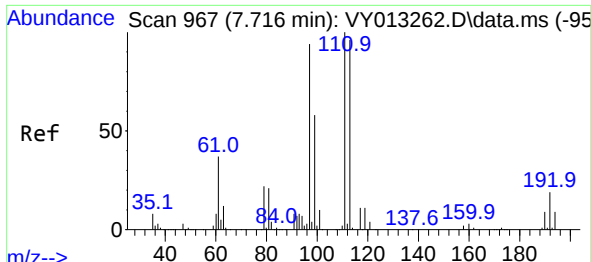
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

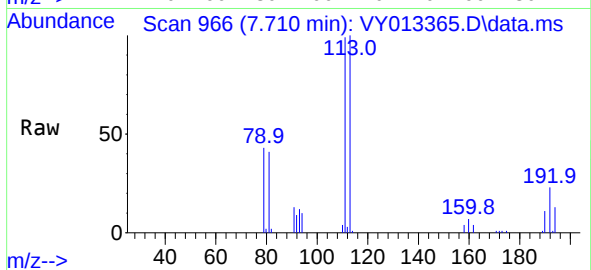
88 15.4 0.0 28.6



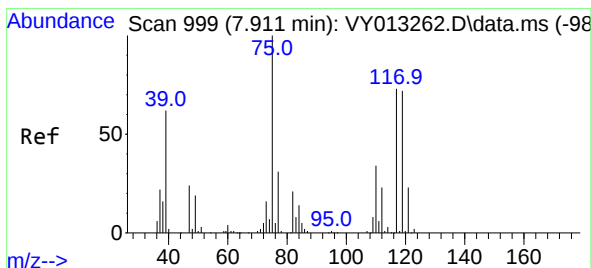
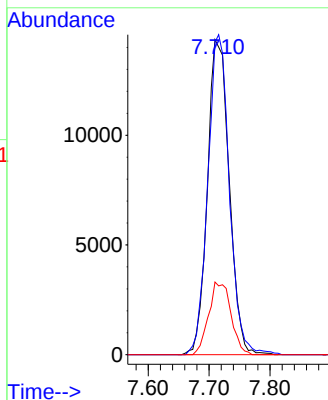
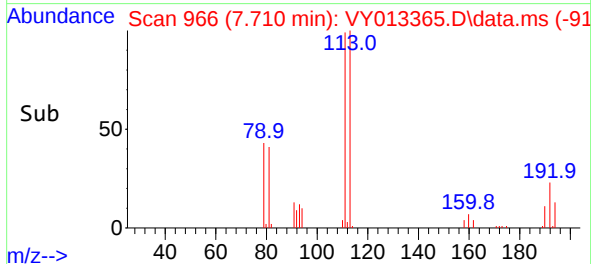


#35
Dibromofluoromethane
Concen: 57.164 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

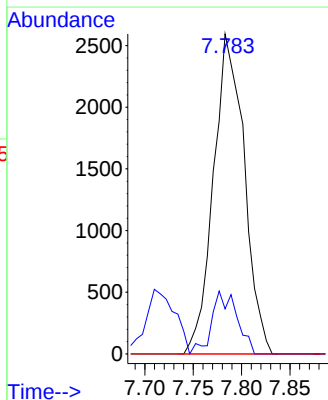
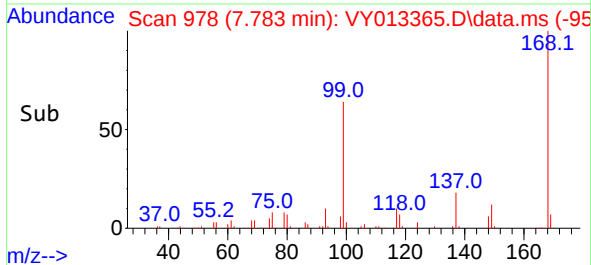
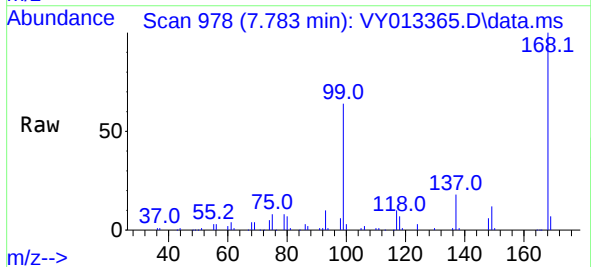


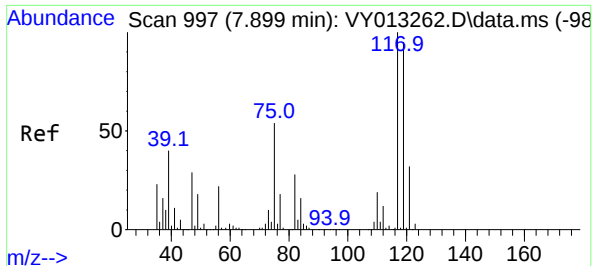
Tgt Ion:113 Resp: 35663
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 23.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 6.071 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

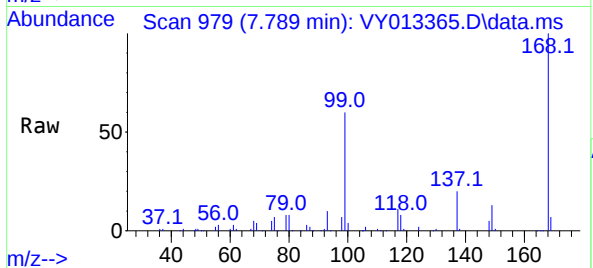
Tgt Ion: 75 Resp: 5738
Ion Ratio Lower Upper
75 100
110 15.0 17.8 53.3#
77 0.0 25.0 37.4#



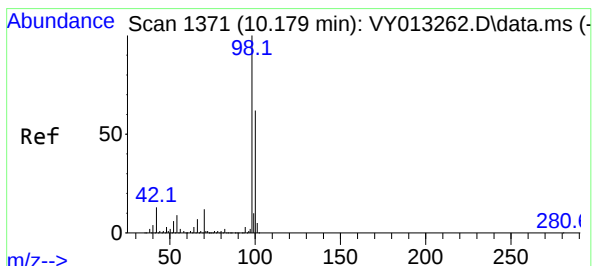
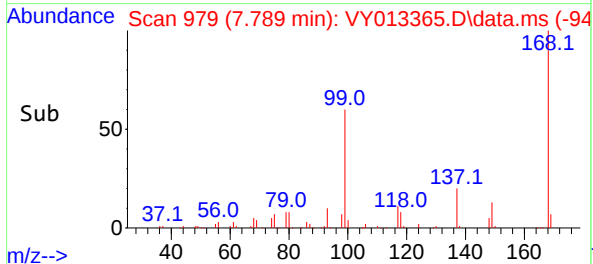
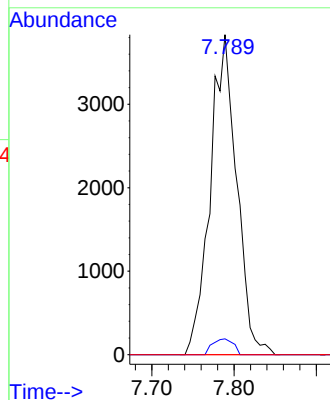


#38
Carbon Tetrachloride
Concen: 8.232 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Instrument :
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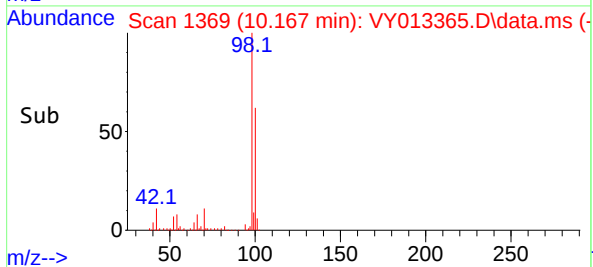
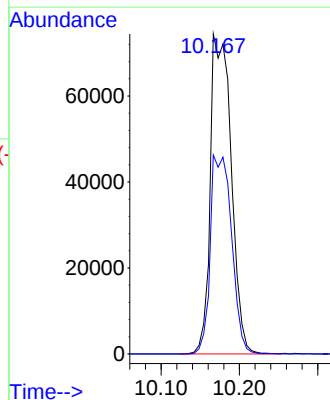
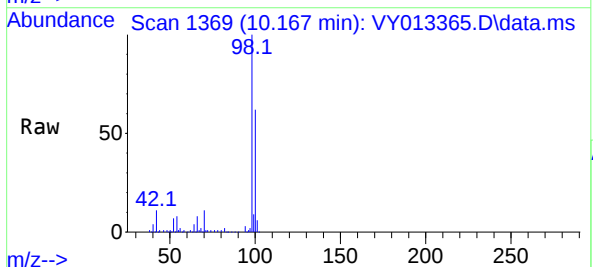


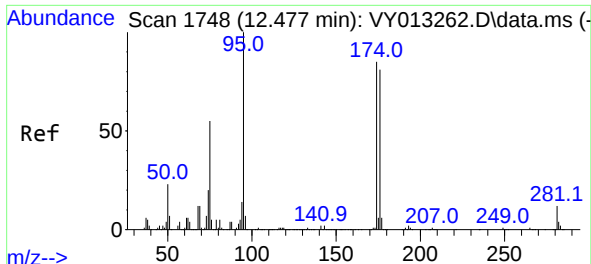
Tgt Ion:117 Resp: 8603
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 59.339 ug/l
RT: 10.167 min Scan# 1369
Delta R.T. -0.012 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Tgt Ion: 98 Resp: 137794
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

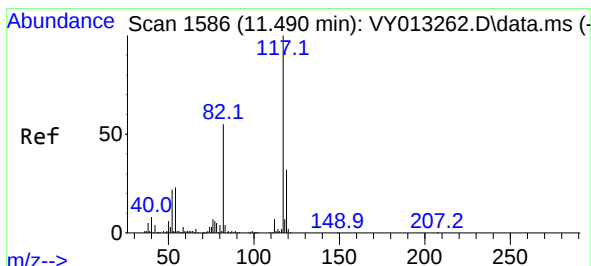
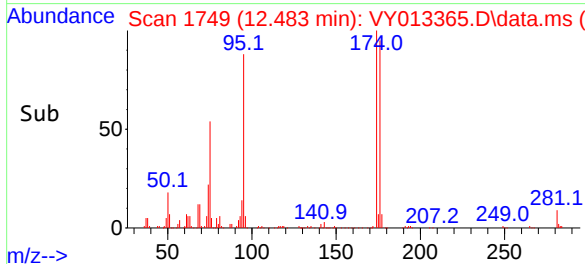
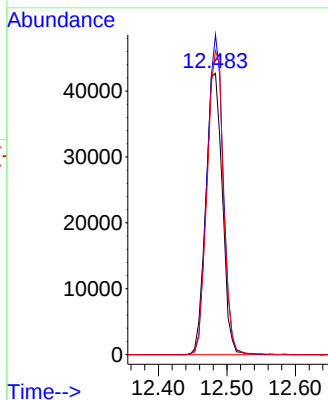
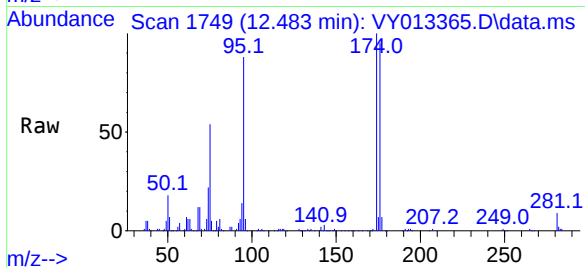




#62
4-Bromofluorobenzene
Concen: 95.284 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

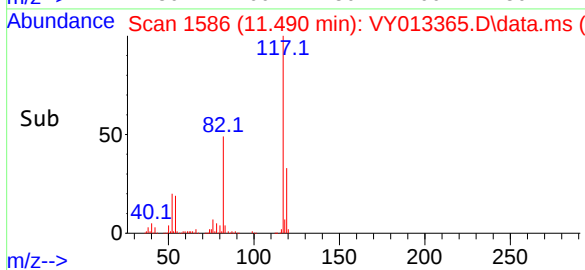
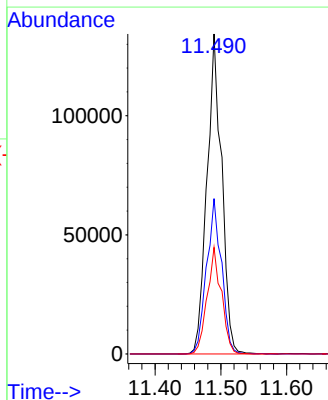
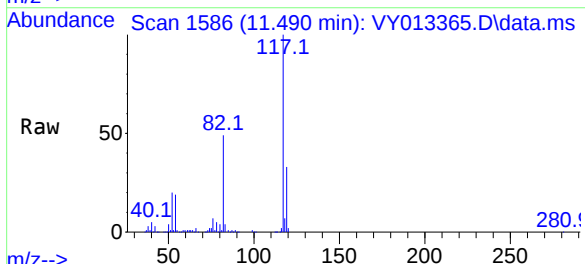
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

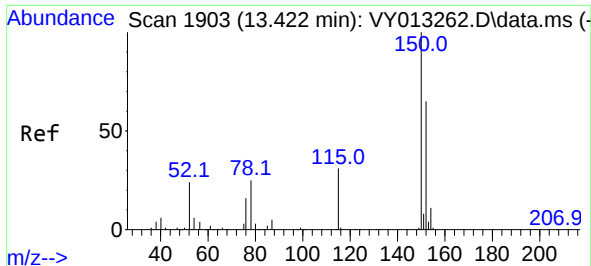
Tgt Ion: 95 Resp: 71892
Ion Ratio Lower Upper
95 100
174 109.8 0.0 176.6
176 106.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Tgt Ion: 117 Resp: 209420
Ion Ratio Lower Upper
117 100
82 48.6 45.4 68.0
119 33.3 25.6 38.4

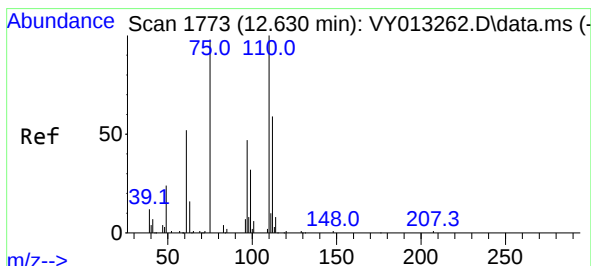
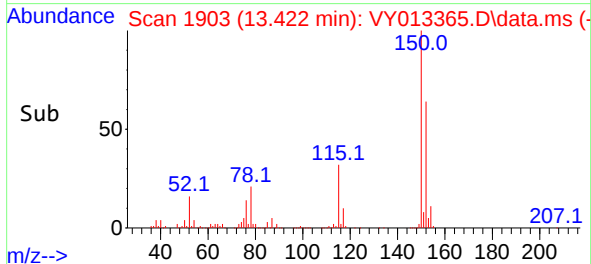
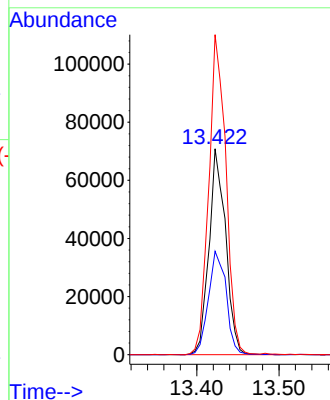
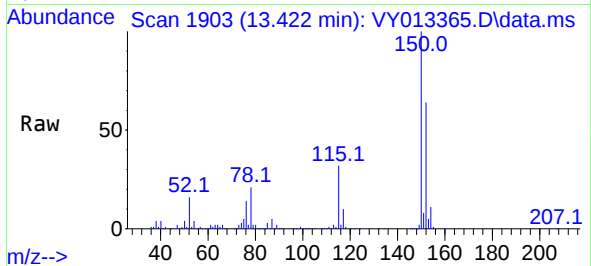




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013365.D
 Acq: 20 Apr 2023 14:03

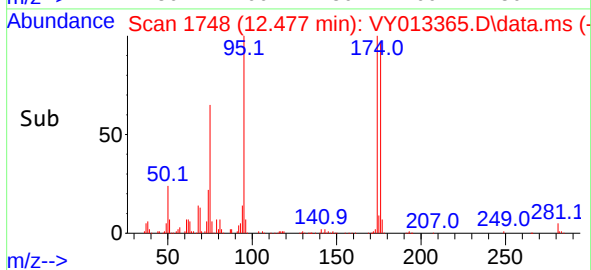
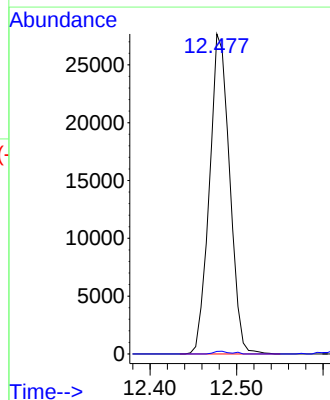
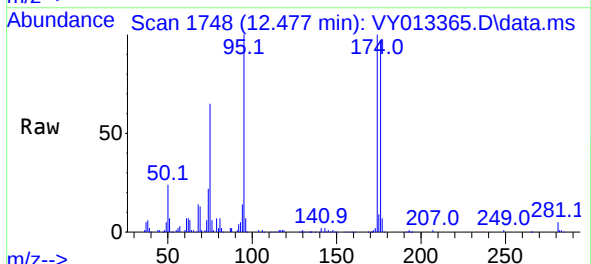
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-26-9.0-9.5

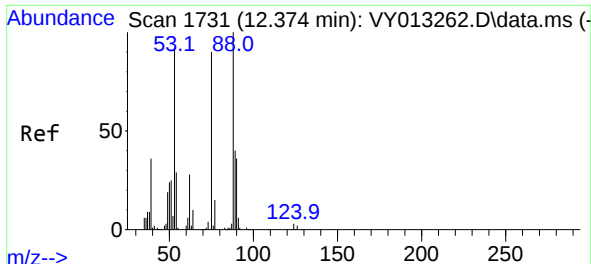
Tgt Ion:152 Resp: 99987
 Ion Ratio Lower Upper
 152 100
 115 53.4 27.1 81.3
 150 159.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 35.938 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013365.D
 Acq: 20 Apr 2023 14:03

Tgt Ion: 75 Resp: 44776
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#

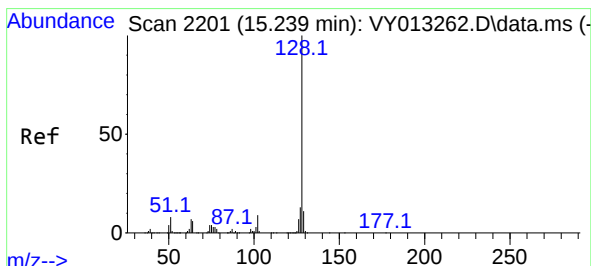
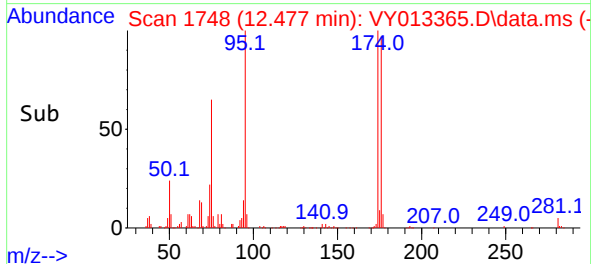
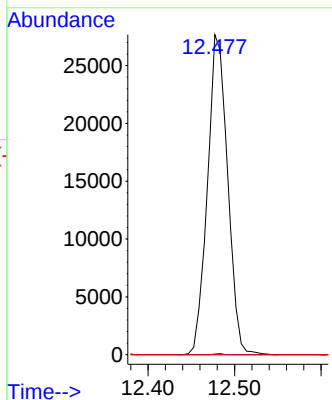
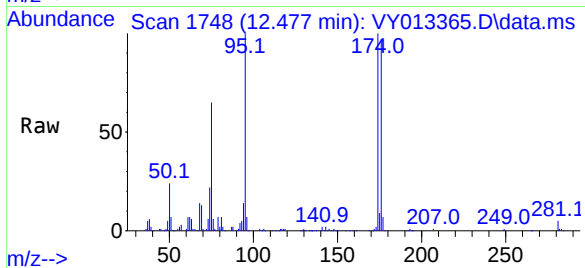




#81
trans-1,4-Dichloro-2-butene
Concen: 74.590 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

Tgt Ion: 75 Resp: 44776
Ion Ratio Lower Upper
75 100
53 0.1 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.805 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY013365.D
Acq: 20 Apr 2023 14:03

Tgt Ion: 128 Resp: 2814
Ion Ratio Lower Upper
128 100
127 20.7 10.3 15.5#
129 5.4 8.6 13.0#

