

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013964.D
 Acq On : 01 Jun 2023 15:18
 Operator : KP/MD
 Sample : VY0601SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBL01

Quant Time: Jun 02 07:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

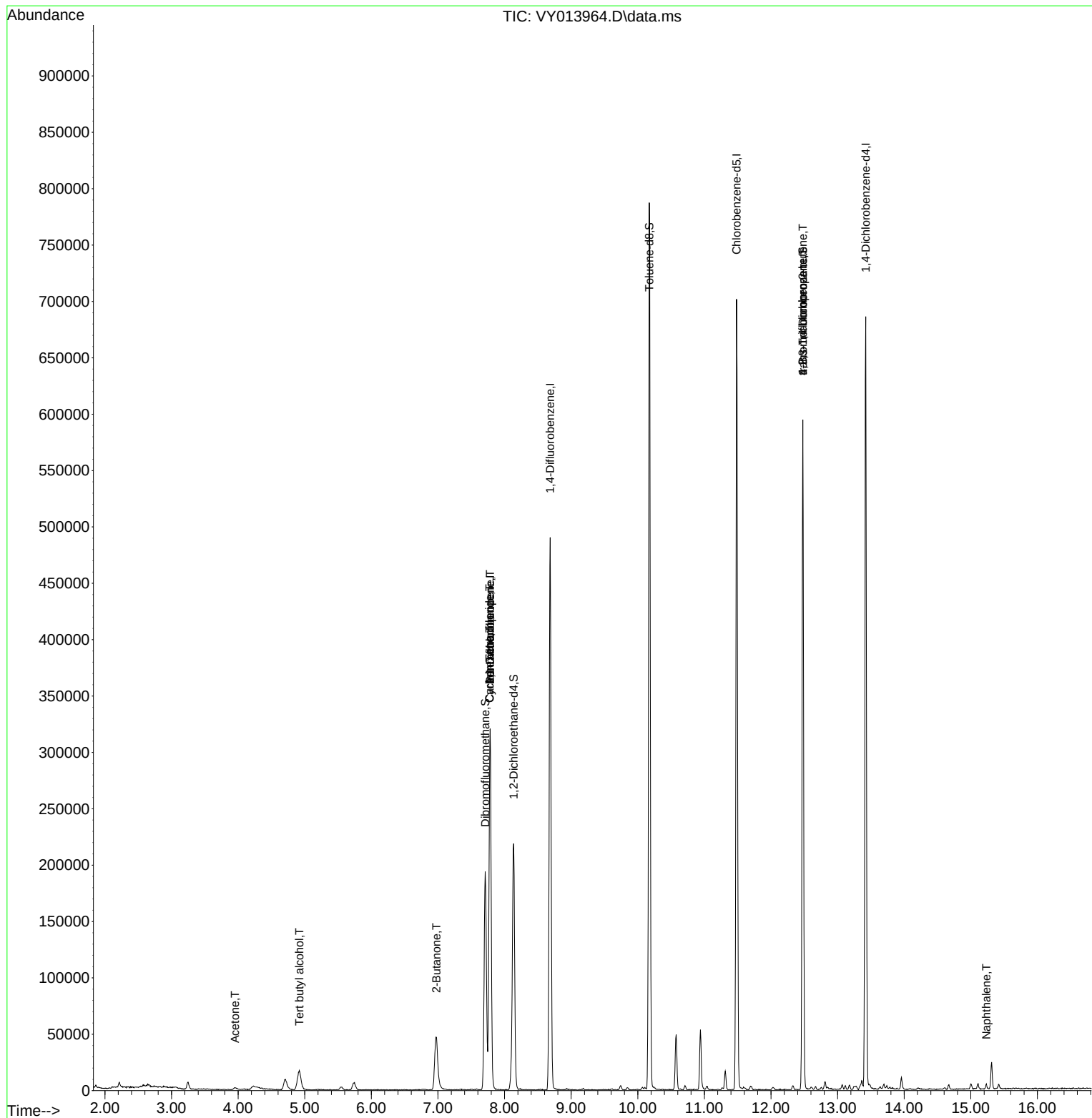
Internal Standards						
1) Pentafluorobenzene	7.783	168	247371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	403157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	365389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	175252	53.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 107.040%		
35) Dibromofluoromethane	7.710	113	135342	52.824	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 105.640%		
50) Toluene-d8	10.173	98	493423	50.489	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 100.980%		
62) 4-Bromofluorobenzene	12.477	95	160177	48.075	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 96.160%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.918	59	17502	26.006	ug/l #	92
16) Acetone	3.954	43	4400	3.927	ug/l	91
20) Methylene Chloride	4.716	84	6712	Below Cal	#	78
25) 2-Butanone	6.978	43	3727	2.670	ug/l #	82
31) Cyclohexane	7.777	56	5715	1.449	ug/l #	32
36) 1,1-Dichloropropene	7.783	75	18731	5.131	ug/l #	50
38) Carbon Tetrachloride	7.777	117	24134	5.900	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	88700	38.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	88700	81.473	ug/l #	11
95) Naphthalene	15.233	128	3125	4.240	ug/l #	96

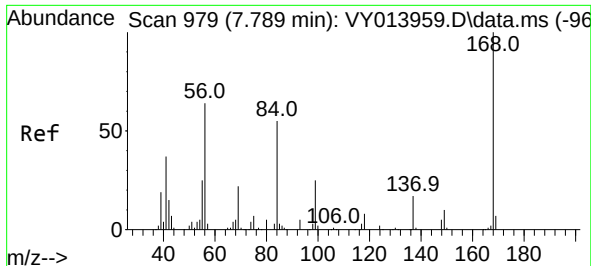
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :
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Quant Time: Jun 02 07:09:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

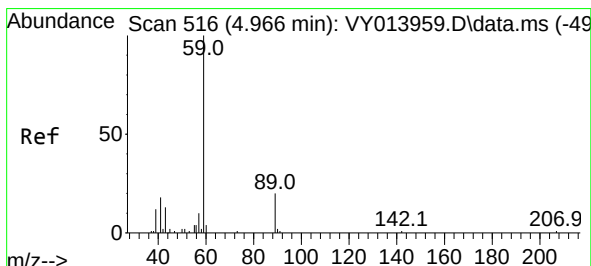
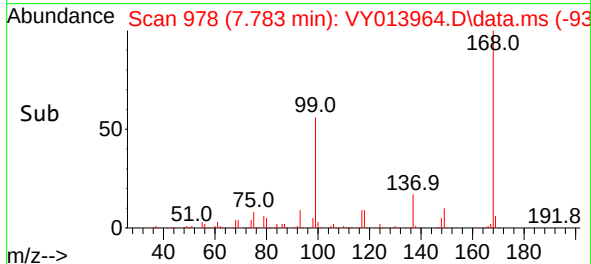
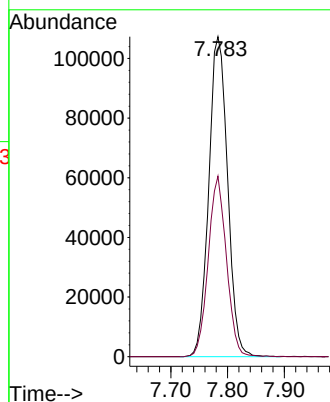
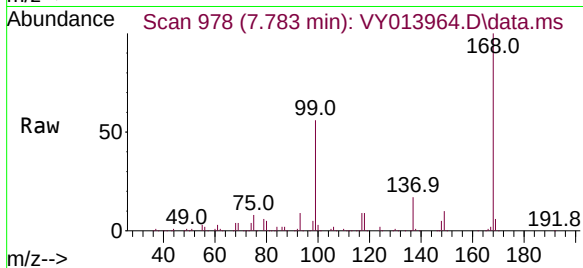




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

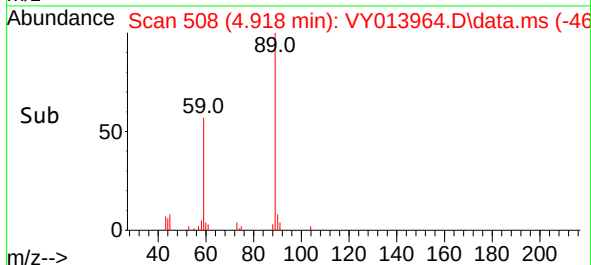
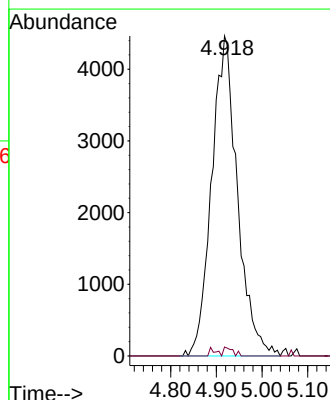
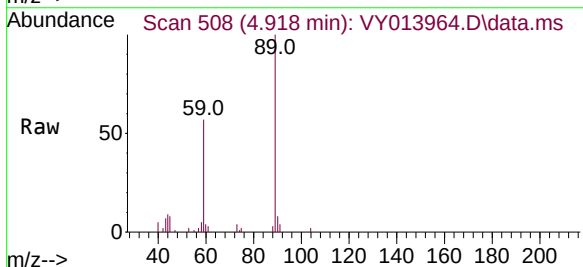
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBL01

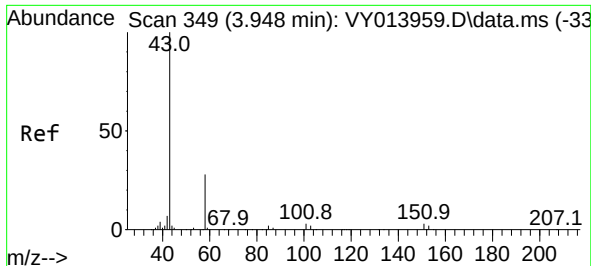
Tgt Ion:168 Resp: 247371
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 26.006 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.048 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

Tgt Ion: 59 Resp: 17502
Ion Ratio Lower Upper
59 100
57 1.0 3.0 4.4#

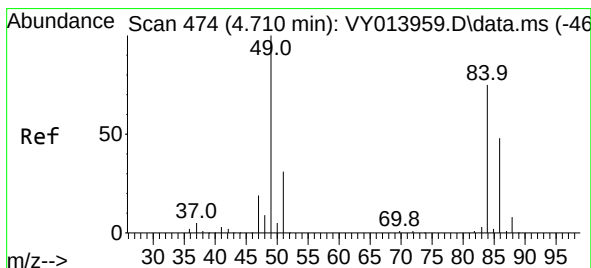
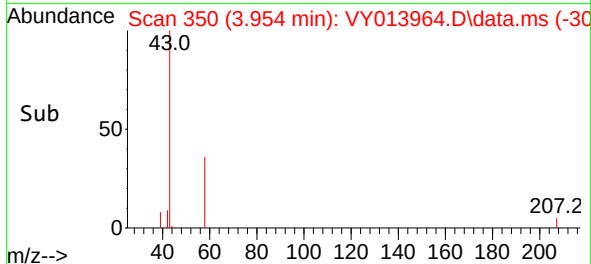
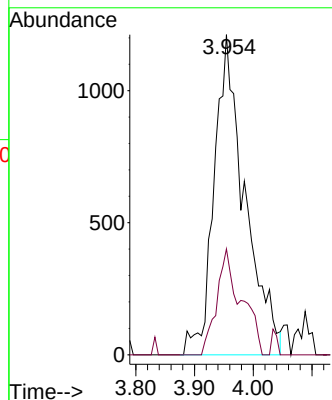
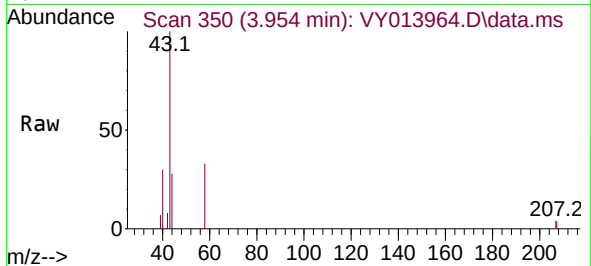




#16
Acetone
Concen: 3.927 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

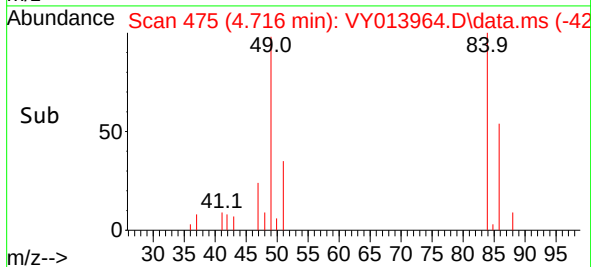
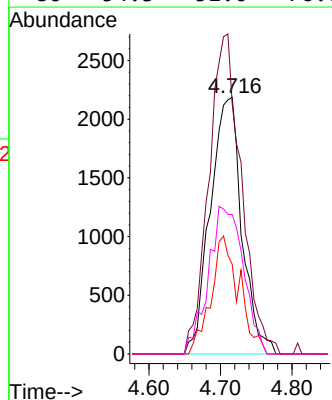
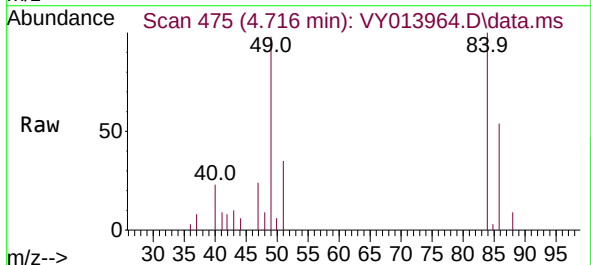
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBL01

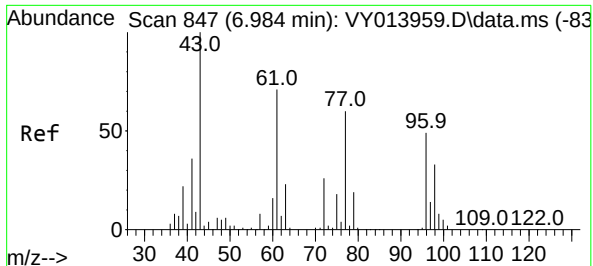
Tgt Ion: 43 Resp: 4400
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

Tgt Ion: 84 Resp: 6712
Ion Ratio Lower Upper
84 100
49 97.6 106.9 160.3#
51 34.9 33.2 49.8
86 54.3 51.0 76.6





#25

2-Butanone

Concen: 2.670 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013964.D

Acq: 01 Jun 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

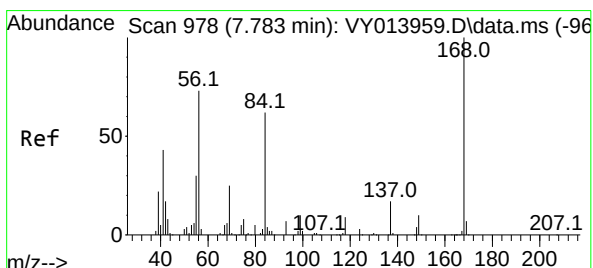
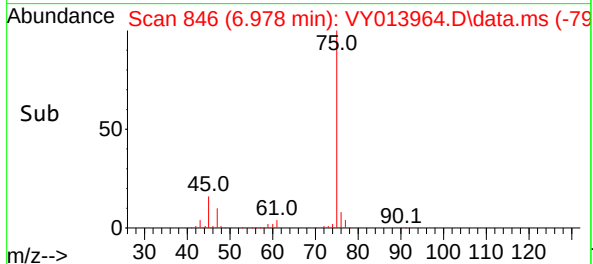
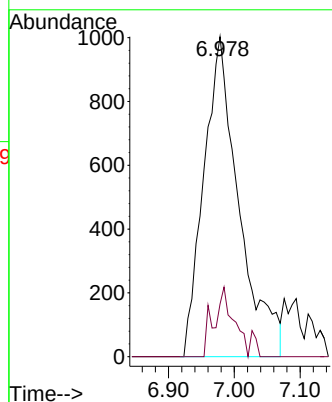
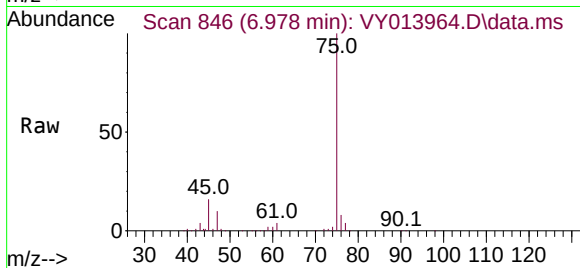
VY0601SBL01

Tgt Ion: 43 Resp: 3727

Ion Ratio Lower Upper

43 100

72 16.5 20.5 30.7#



#31

Cyclohexane

Concen: 1.449 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY013964.D

Acq: 01 Jun 2023 15:18

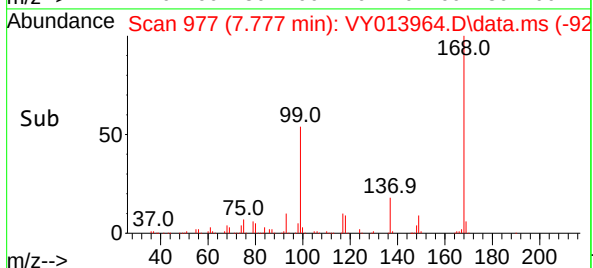
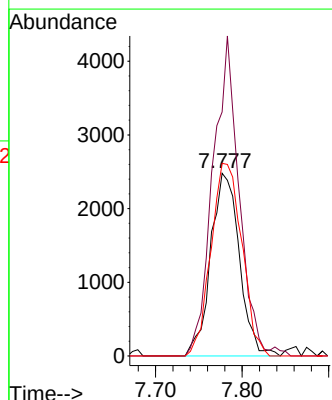
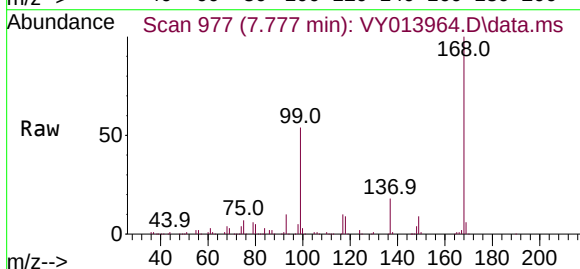
Tgt Ion: 56 Resp: 5715

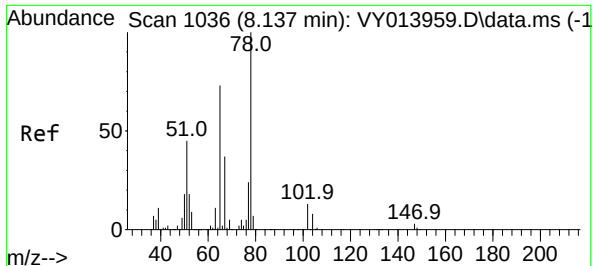
Ion Ratio Lower Upper

56 100

69 133.5 27.8 41.6#

84 105.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.518 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013964.D

Acq: 01 Jun 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

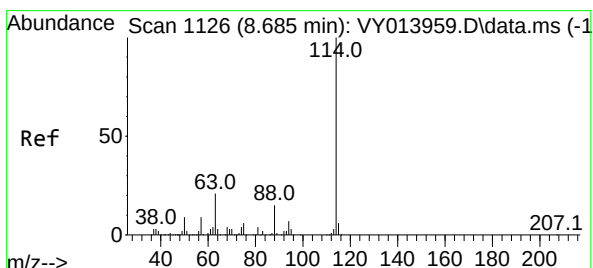
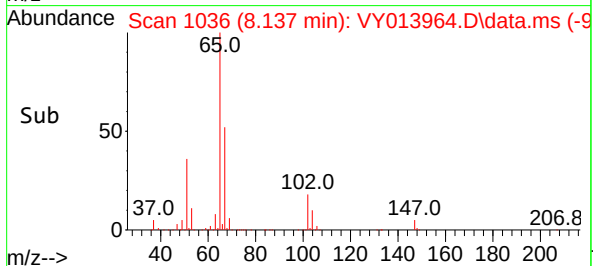
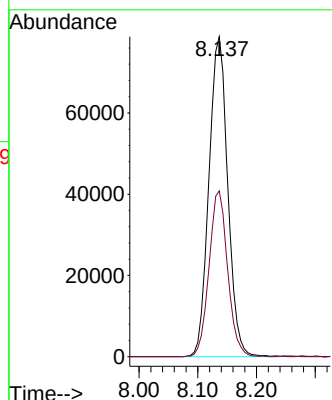
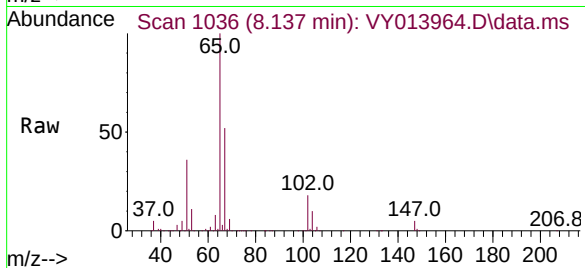
VY0601SBL01

Tgt Ion: 65 Resp: 175252

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013964.D

Acq: 01 Jun 2023 15:18

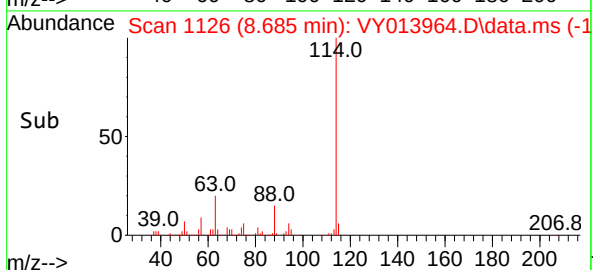
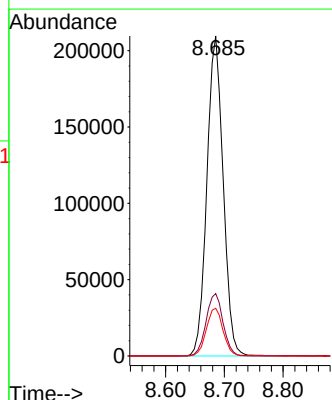
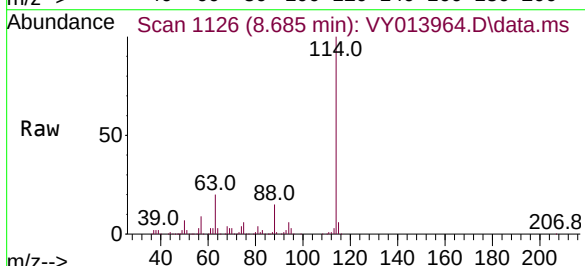
Tgt Ion: 114 Resp: 403157

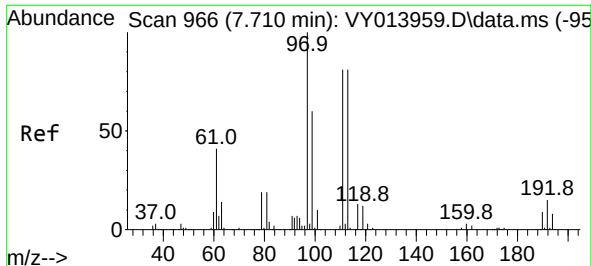
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.9 0.0 30.6

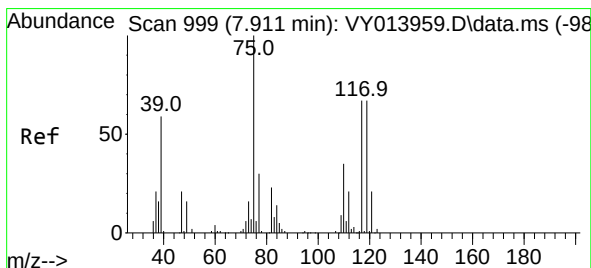
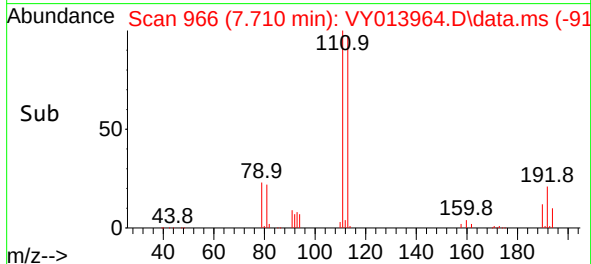
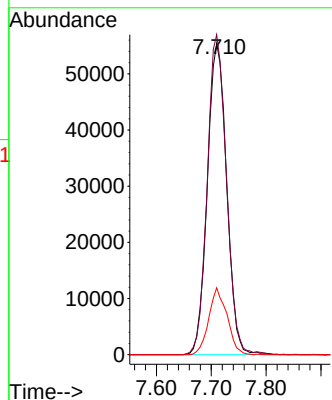
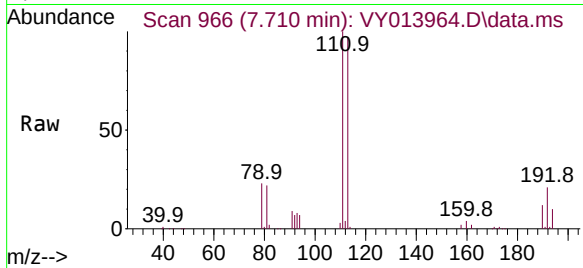




#35
Dibromofluoromethane
Concen: 52.824 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

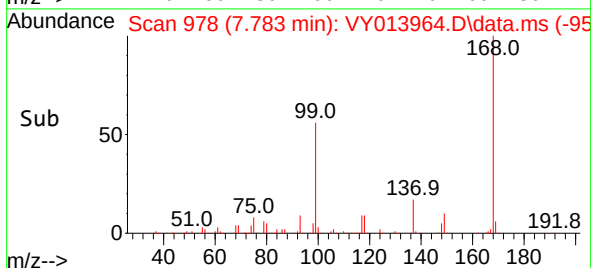
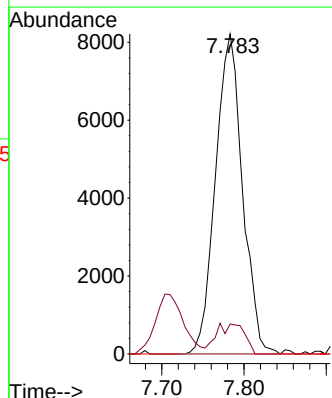
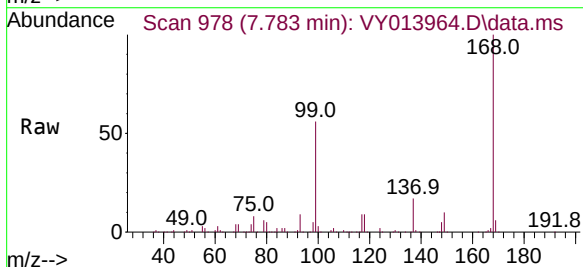
Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBL01

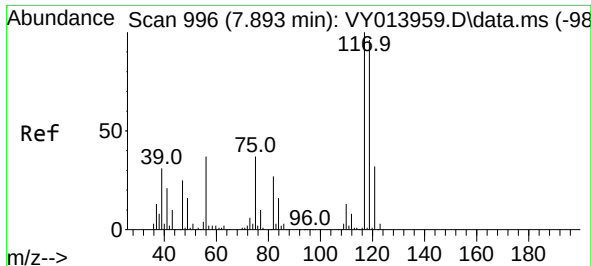
Tgt Ion:113 Resp: 135342
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

Tgt Ion: 75 Resp: 18731
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#

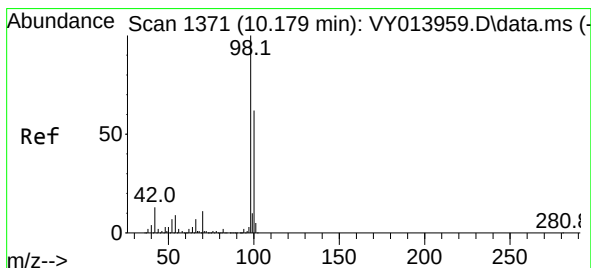
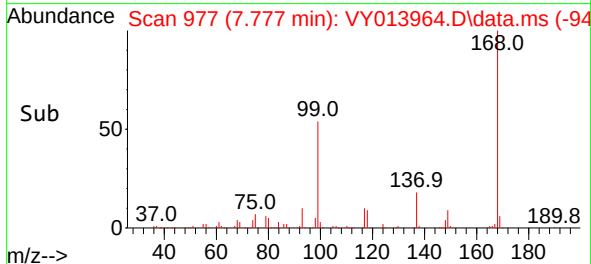
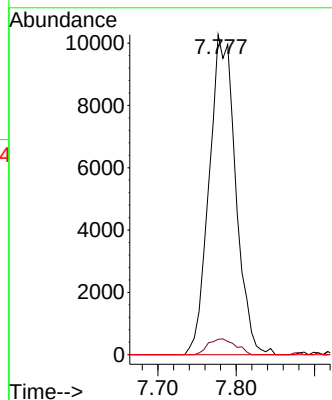
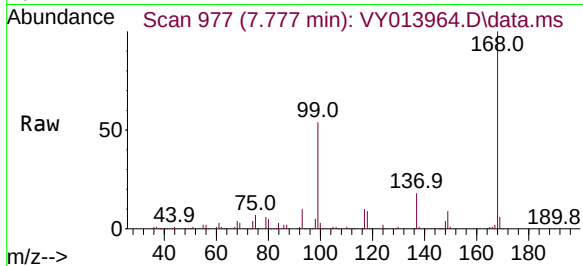




#38
Carbon Tetrachloride
Concen: 5.900 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

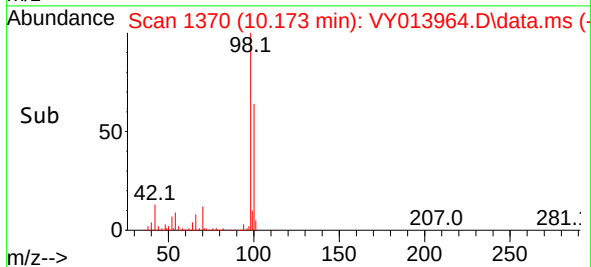
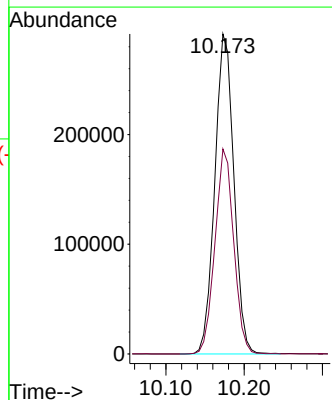
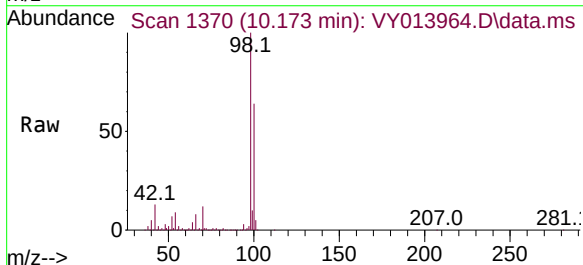
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VY0601SBL01

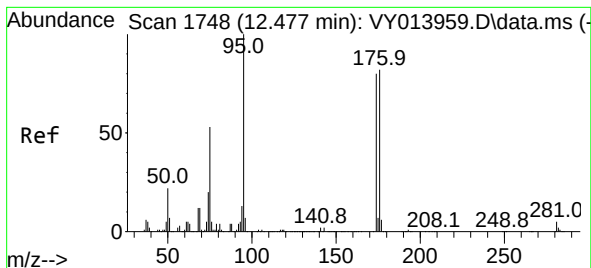
Tgt Ion:117 Resp: 24134
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.489 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

Tgt Ion: 98 Resp: 493423
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1

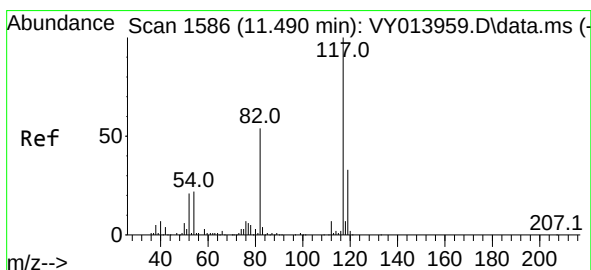
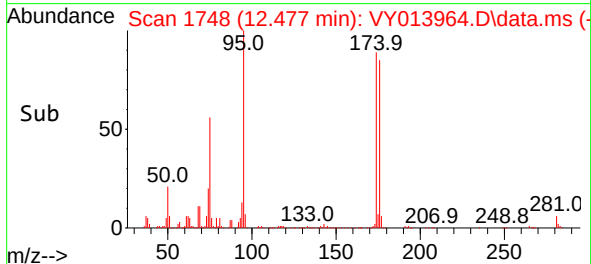
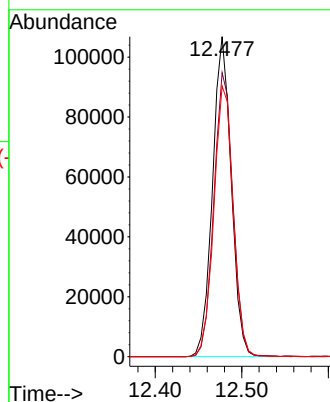
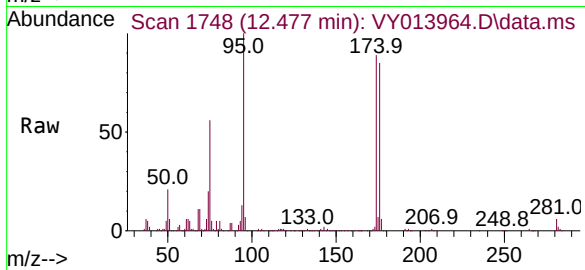




#62
4-Bromofluorobenzene
Concen: 48.075 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

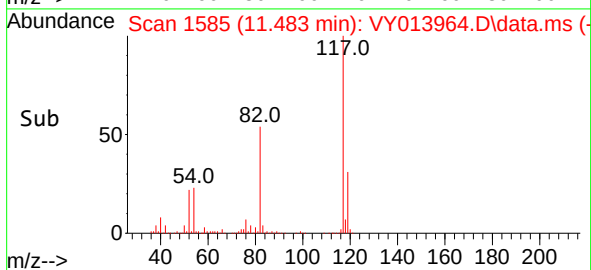
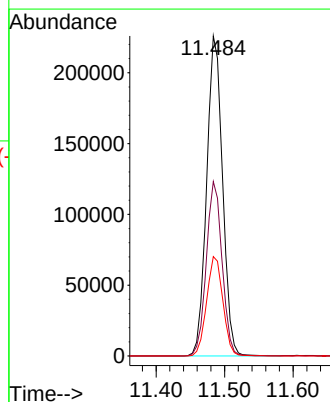
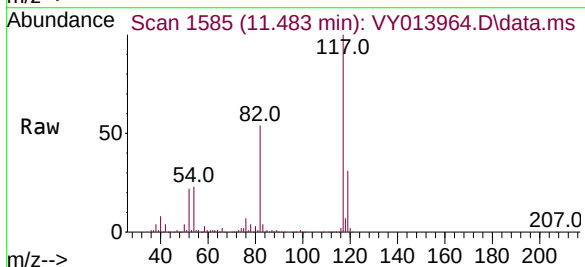
Instrument :
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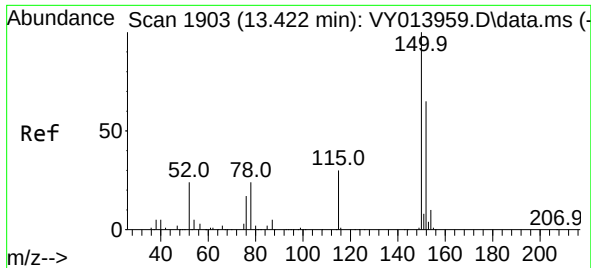
Tgt Ion: 95 Resp: 160177
Ion Ratio Lower Upper
95 100
174 90.7 0.0 178.2
176 87.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

Tgt Ion: 117 Resp: 365389
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.0 26.3 39.5

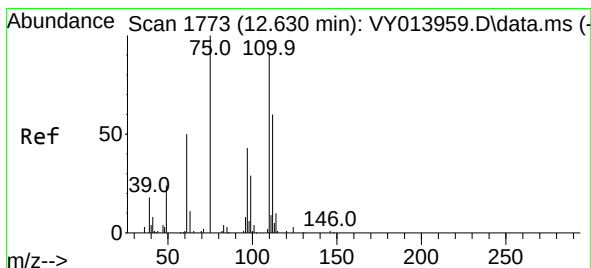
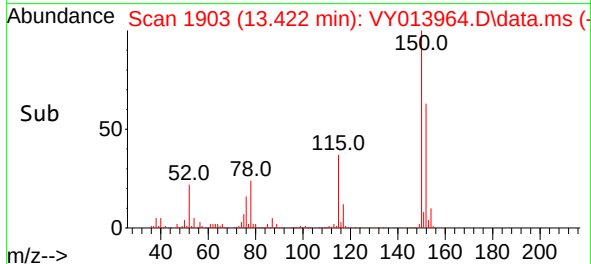
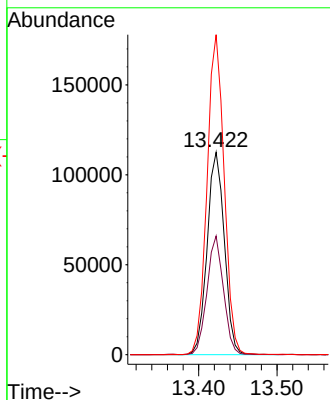
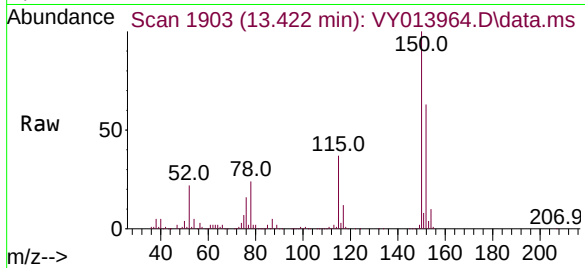




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013964.D
 Acq: 01 Jun 2023 15:18

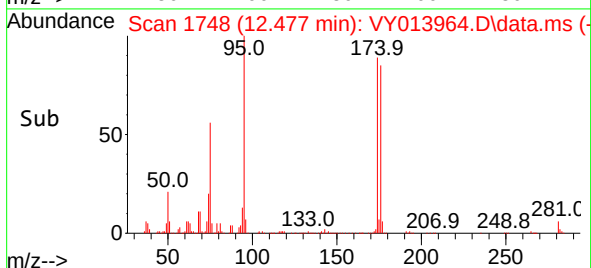
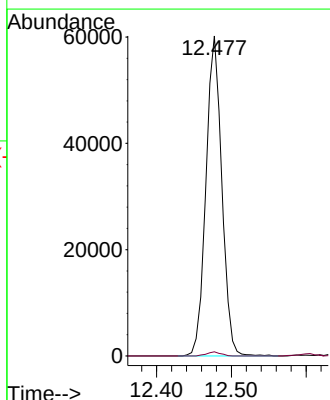
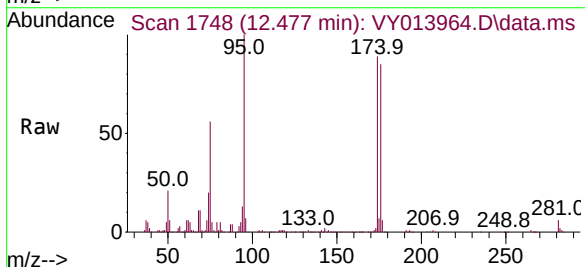
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0601SBL01

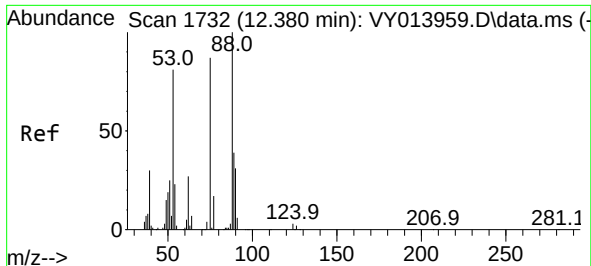
Tgt Ion:152 Resp: 171636
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.8 86.5
 150 157.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 38.403 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013964.D
 Acq: 01 Jun 2023 15:18

Tgt Ion: 75 Resp: 88700
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

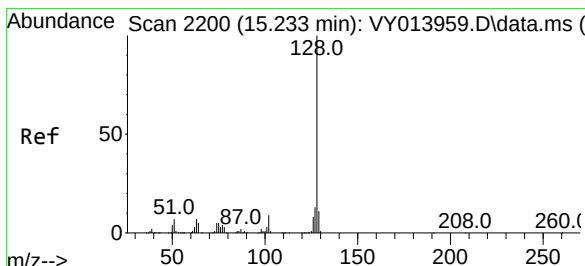
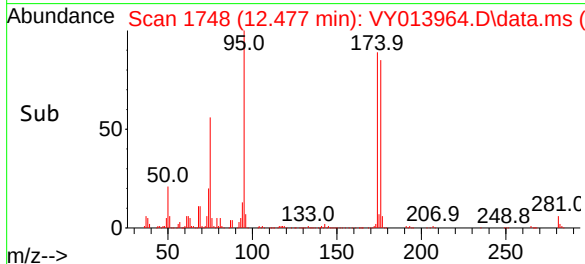
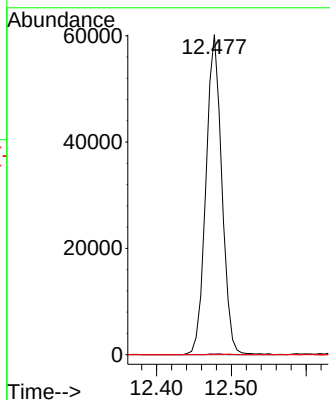
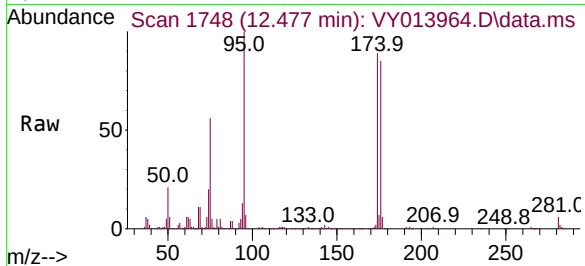




#81
trans-1,4-Dichloro-2-butene
Concen: 81.473 ug/l
RT: 12.477 min Scan# 1732
Delta R.T. 0.098 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0601SBL01

Tgt Ion: 75 Resp: 88700
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 4.240 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013964.D
Acq: 01 Jun 2023 15:18

Tgt Ion: 128 Resp: 3125
Ion Ratio Lower Upper
128 100
127 14.2 10.8 16.2
129 8.4 8.6 13.0#

