

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012727.D
 Acq On : 27 Feb 2023 11:14
 Operator : KP/MD
 Sample : VY0227SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBL01

Quant Time: Feb 28 00:21:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	103320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71945	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61954	50.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.540%
35) Dibromofluoromethane	7.716	113	59584	52.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.840%
50) Toluene-d8	10.179	98	208418	48.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.483	95	66377	48.711	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.420%

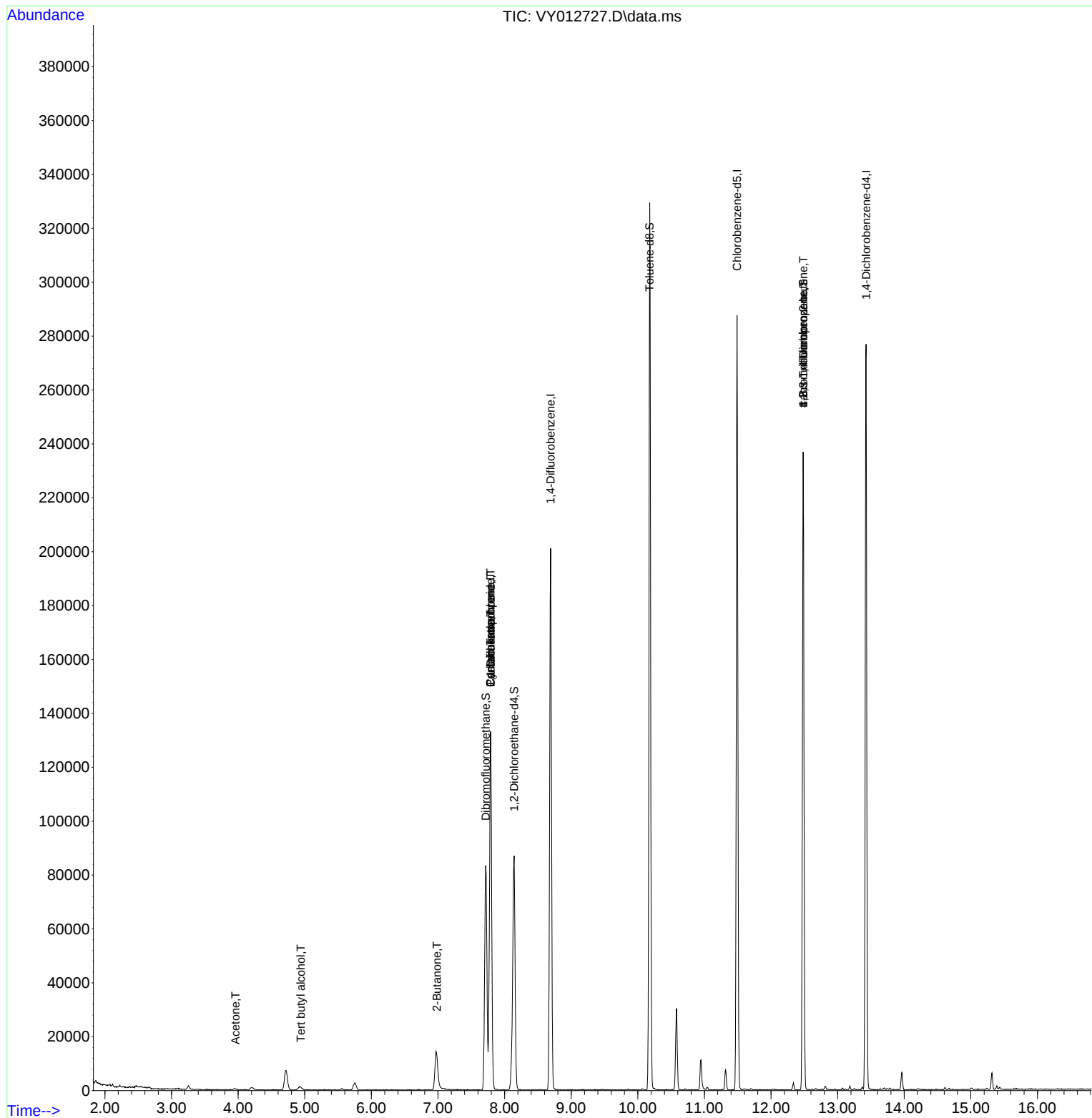
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	678	Below Cal		91
11) Tert butyl alcohol	4.942	59	1554	11.642	ug/l #	74
16) Acetone	3.960	43	922	2.316	ug/l #	81
20) Methylene Chloride	4.722	84	5362	Below Cal	#	89
25) 2-Butanone	6.984	43	818	1.548	ug/l #	52
31) Cyclohexane	7.789	56	2174	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8050	4.468	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9979	5.357	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	35159	39.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35159	83.045	ug/l #	9

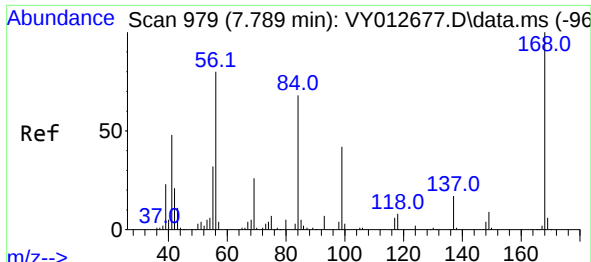
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
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Quant Time: Feb 28 00:21:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

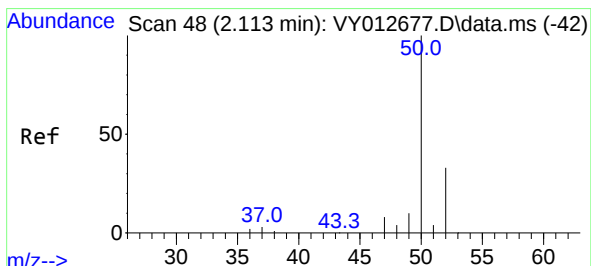
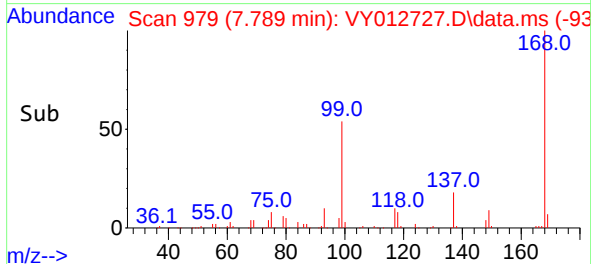
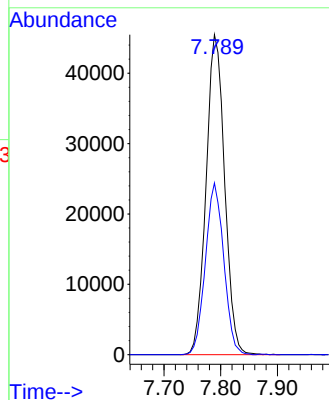
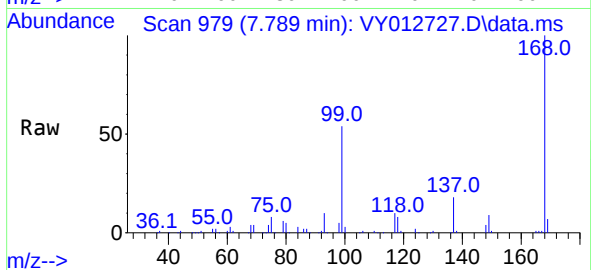




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

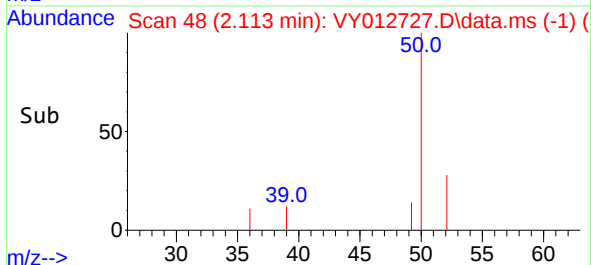
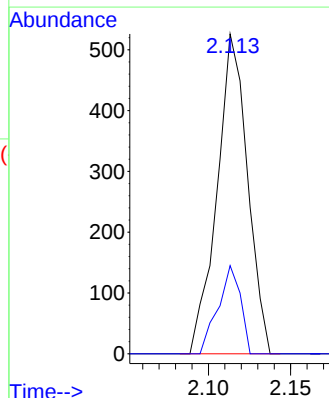
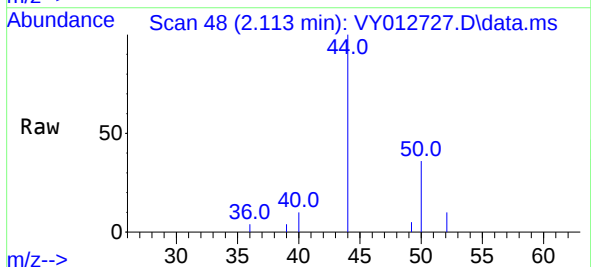
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

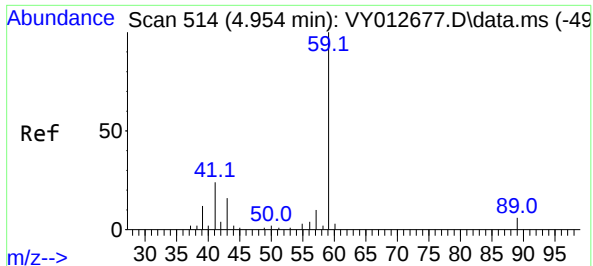
Tgt Ion:168 Resp: 103320
Ion Ratio Lower Upper
168 100
99 53.7 45.4 68.2



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

Tgt Ion: 50 Resp: 678
Ion Ratio Lower Upper
50 100
52 27.6 26.1 39.1





#11

Tert butyl alcohol

Concen: 11.642 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY012727.D

Acq: 27 Feb 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

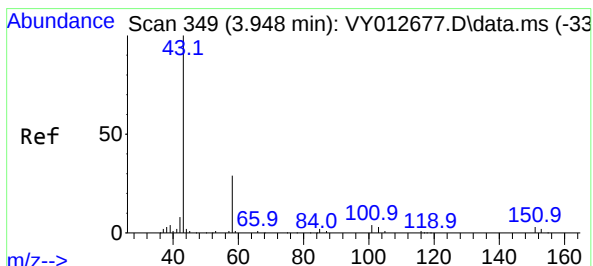
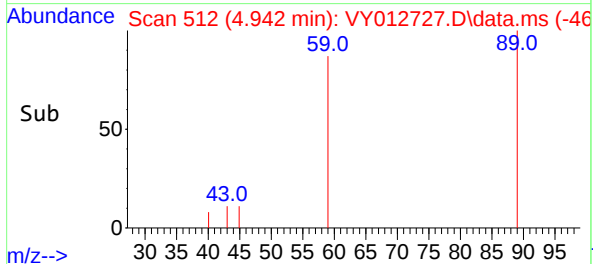
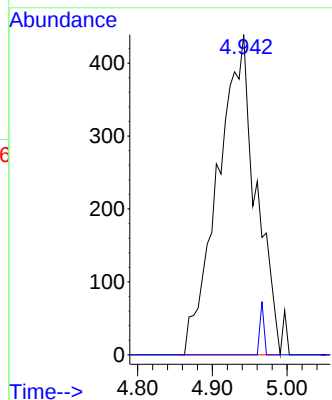
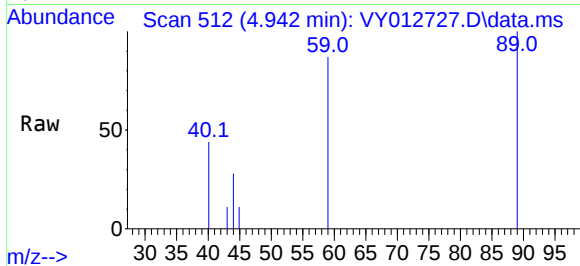
VY0227SBL01

Tgt Ion: 59 Resp: 1554

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#



#16

Acetone

Concen: 2.316 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY012727.D

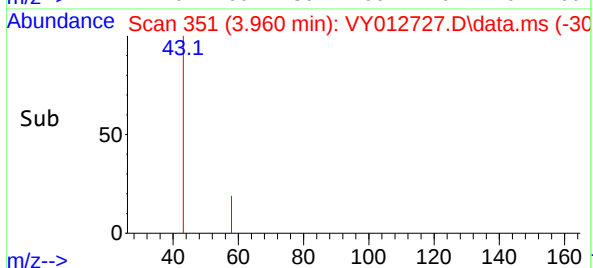
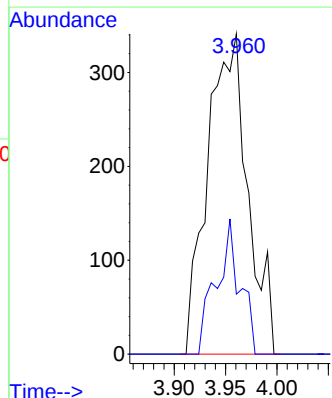
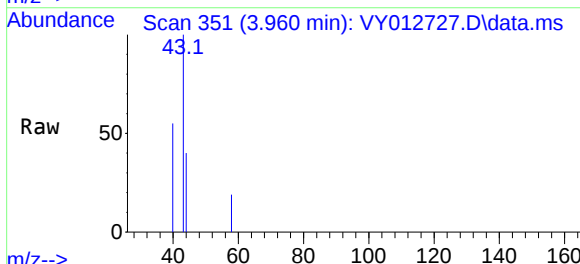
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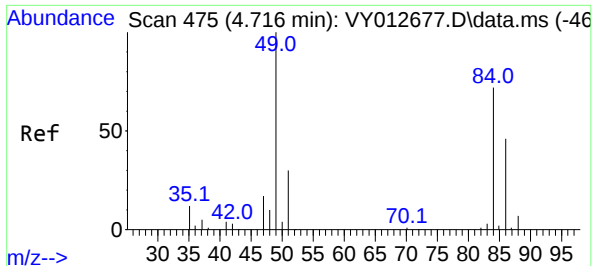
Tgt Ion: 43 Resp: 922

Ion Ratio Lower Upper

43 100

58 18.8 23.3 34.9#

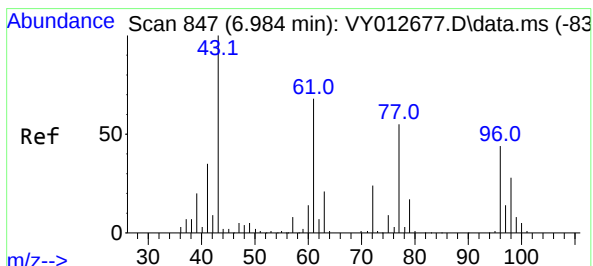
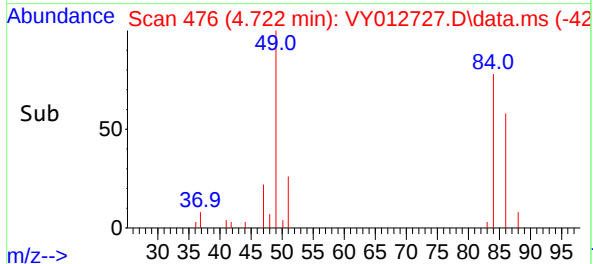
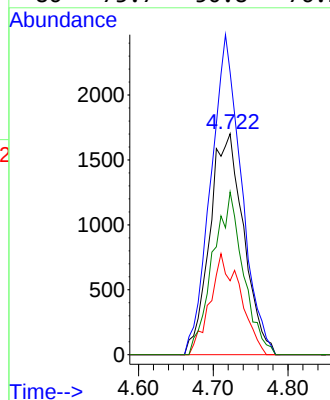
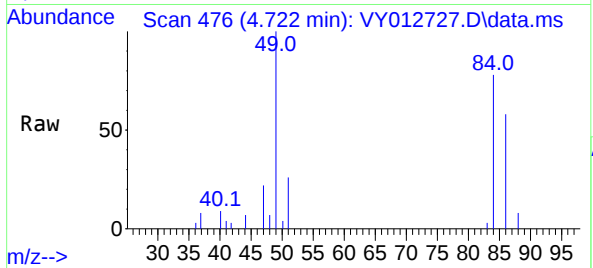




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

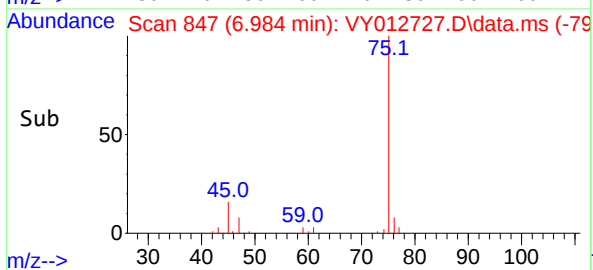
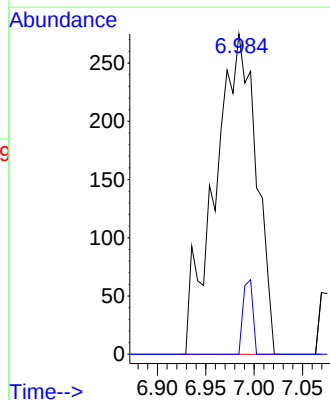
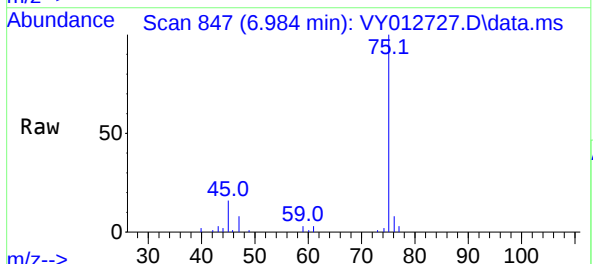
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

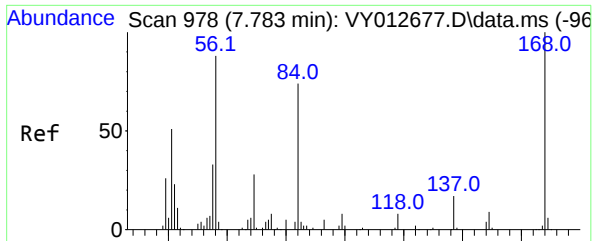
Tgt Ion: 84 Resp: 5362
Ion Ratio Lower Upper
84 100
49 127.8 111.1 166.7
51 33.4 33.5 50.3#
86 73.7 50.8 76.2



#25
2-Butanone
Concen: 1.548 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

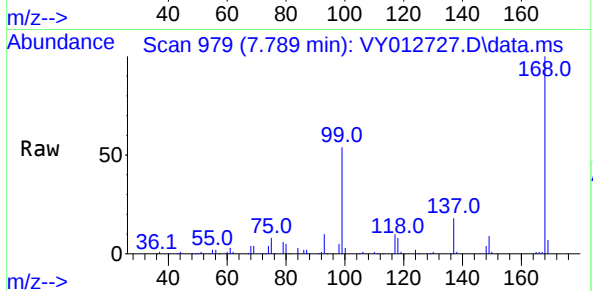
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
72 0.0 18.8 28.2#



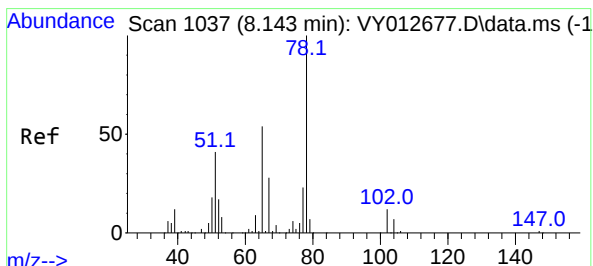
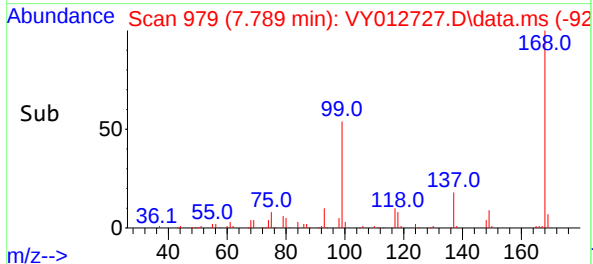
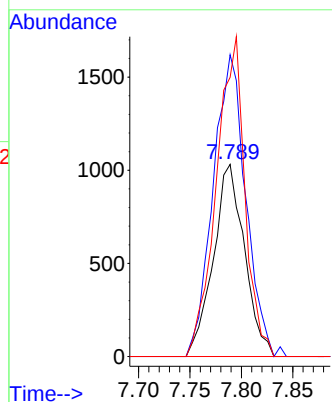


#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

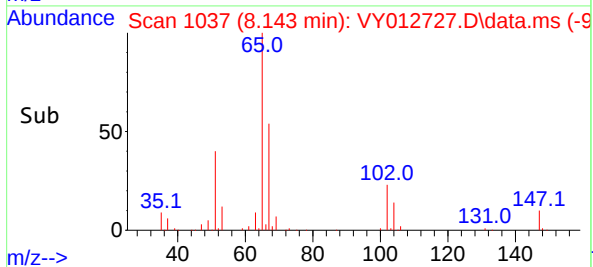
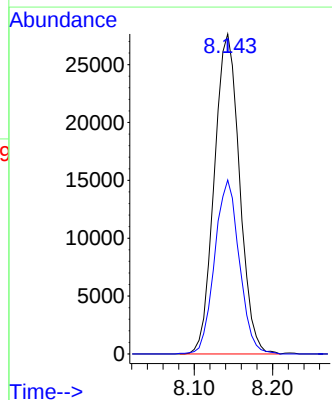
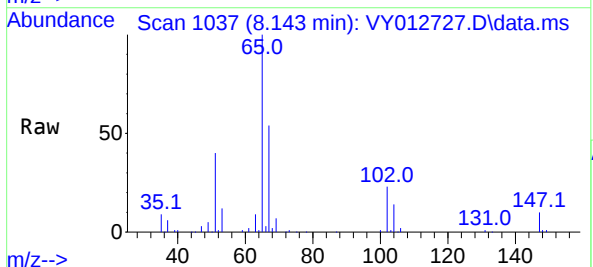


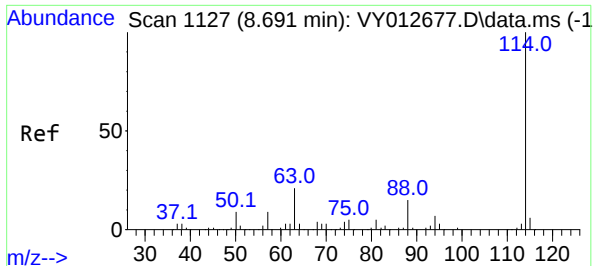
Tgt Ion: 56 Resp: 2174
Ion Ratio Lower Upper
56 100
69 157.0 25.4 38.2#
84 145.3 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 50.771 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

Tgt Ion: 65 Resp: 61954
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.6

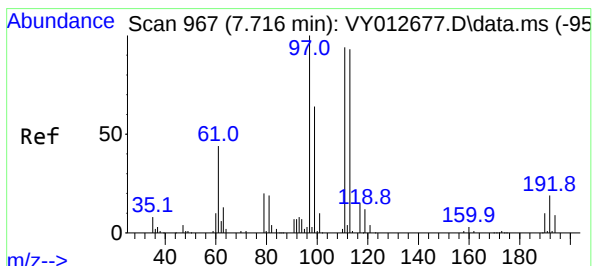
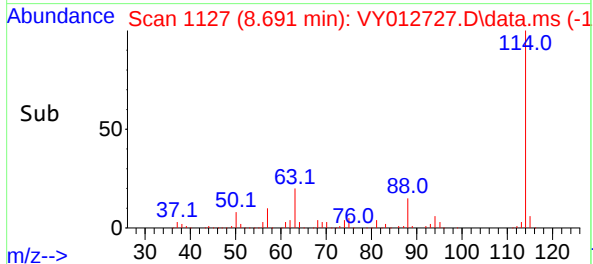
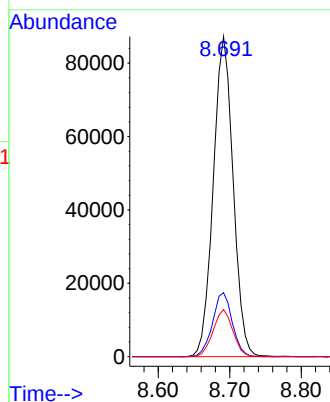
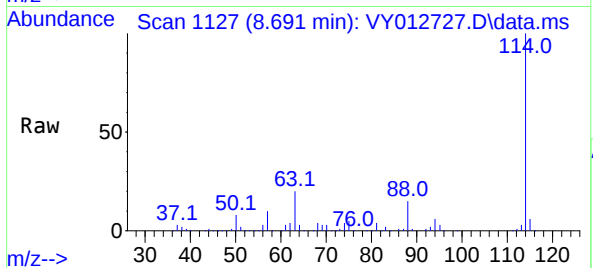




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

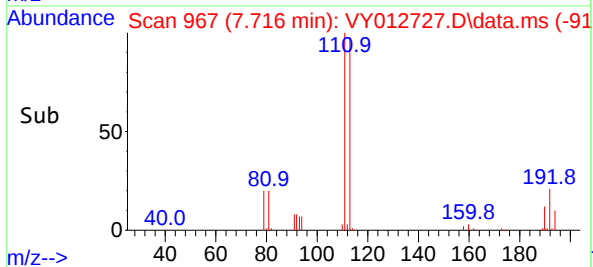
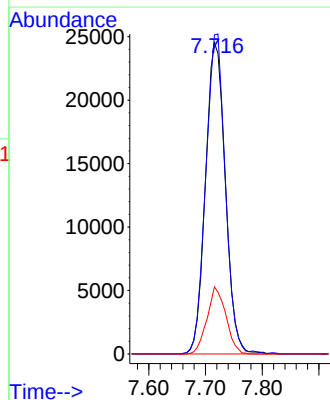
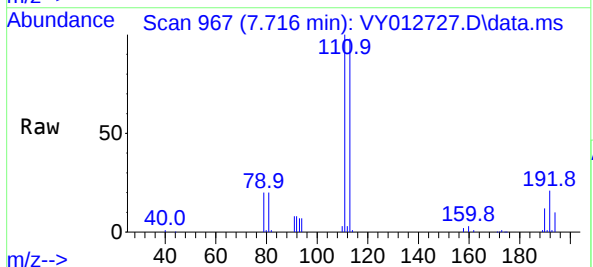
Instrument :
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ClientSampleId :
VY0227SBL01

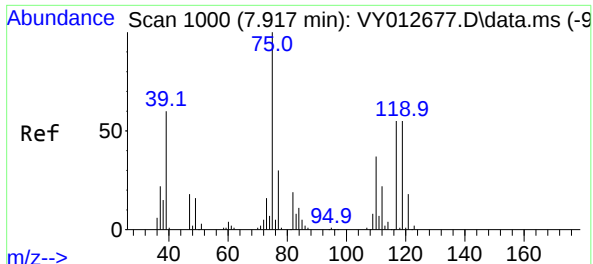
Tgt Ion:114 Resp: 168280
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.8
88 14.8 0.0 29.6



#35
Dibromofluoromethane
Concen: 52.422 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

Tgt Ion:113 Resp: 59584
Ion Ratio Lower Upper
113 100
111 101.3 82.0 123.0
192 20.5 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.468 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012727.D

Acq: 27 Feb 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBL01

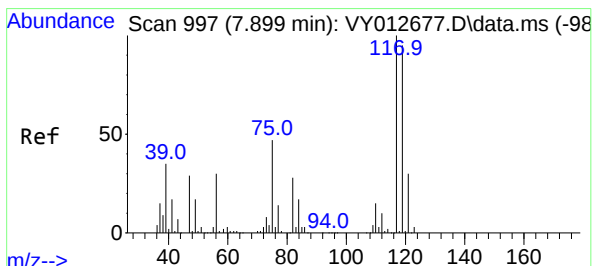
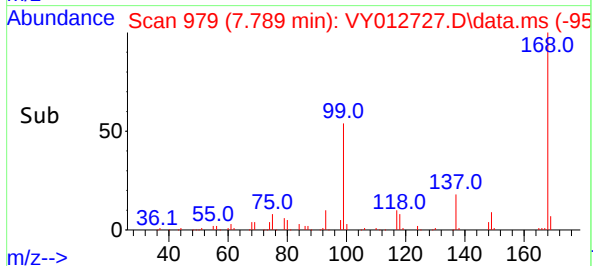
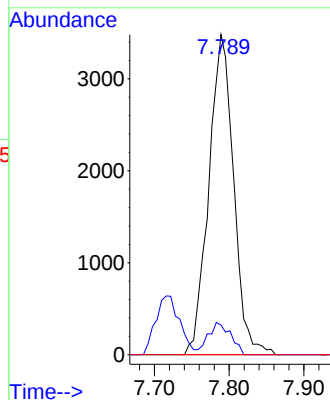
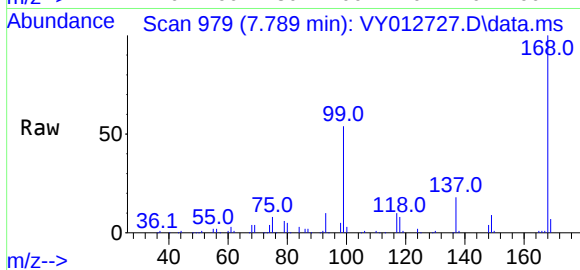
Tgt Ion: 75 Resp: 8050

Ion Ratio Lower Upper

75 100

110 9.2 17.6 52.8#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.357 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012727.D

Acq: 27 Feb 2023 11:14

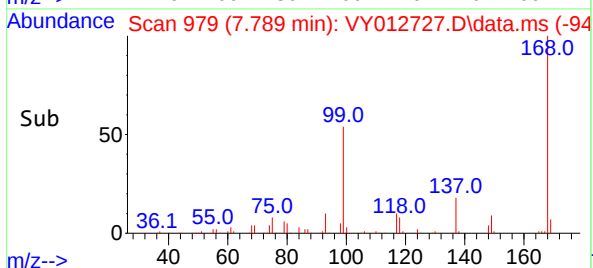
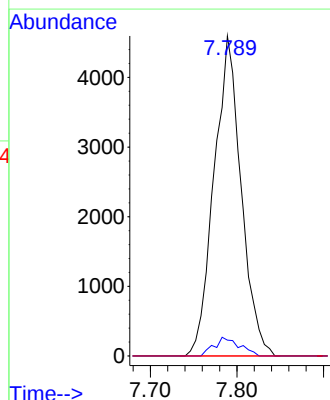
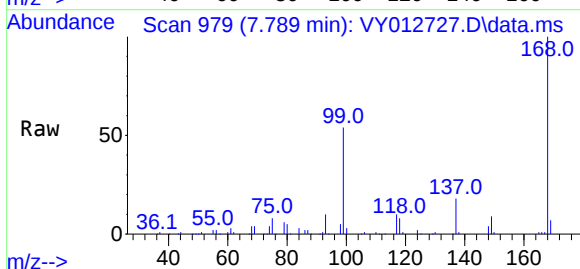
Tgt Ion: 117 Resp: 9979

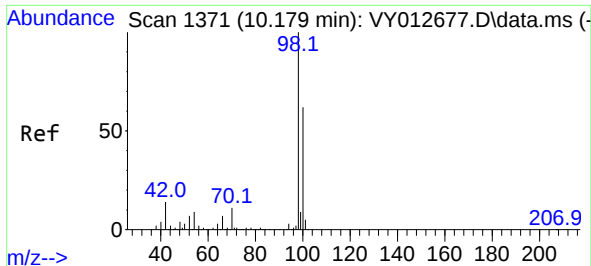
Ion Ratio Lower Upper

117 100

119 5.0 75.5 113.3#

121 0.0 23.8 35.8#

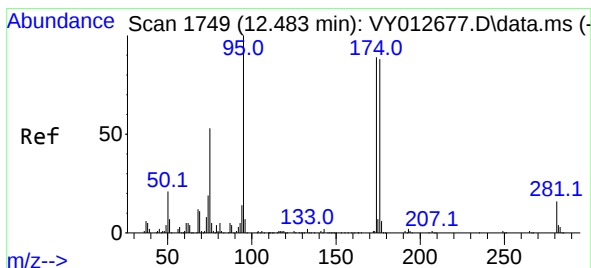
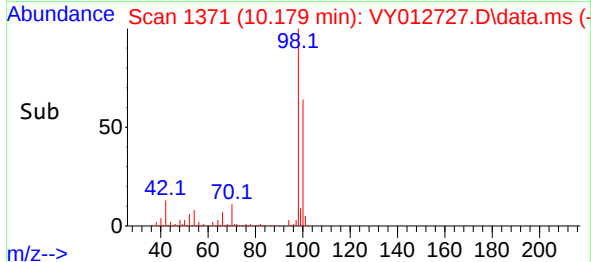
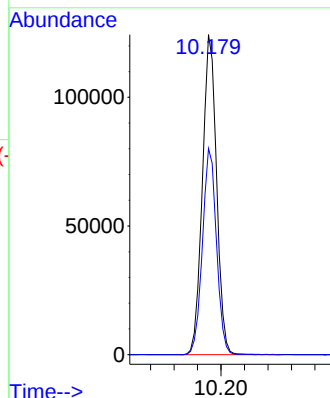
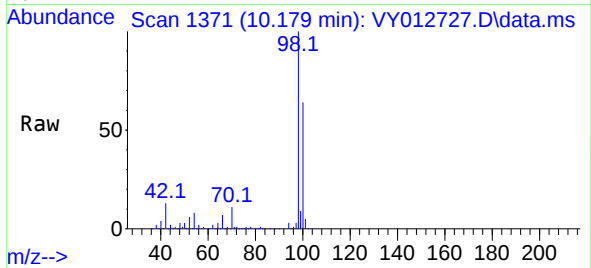




#50
Toluene-d8
Concen: 48.944 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

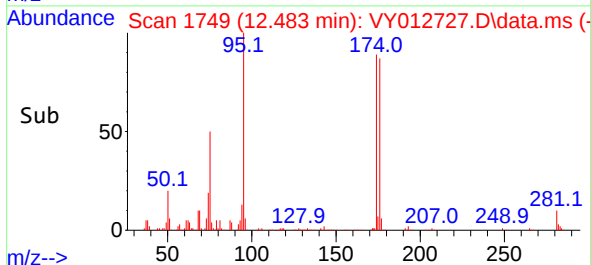
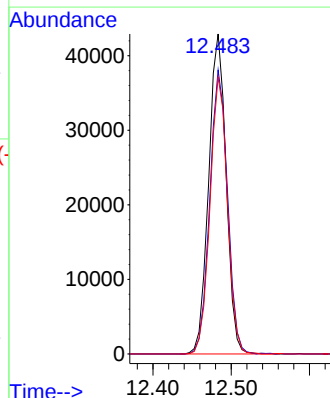
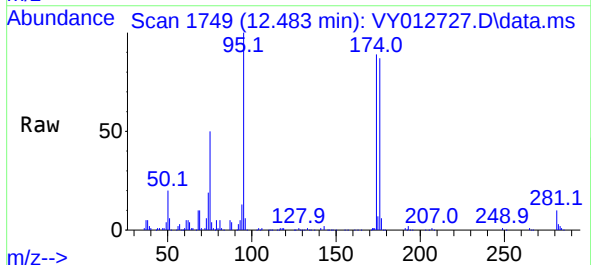
Instrument :
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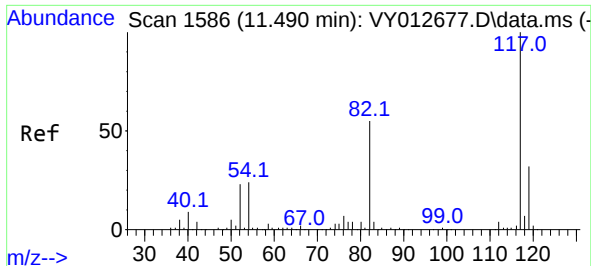
Tgt Ion: 98 Resp: 208418
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 48.711 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

Tgt Ion: 95 Resp: 66377
Ion Ratio Lower Upper
95 100
174 90.1 0.0 172.8
176 86.1 0.0 169.4

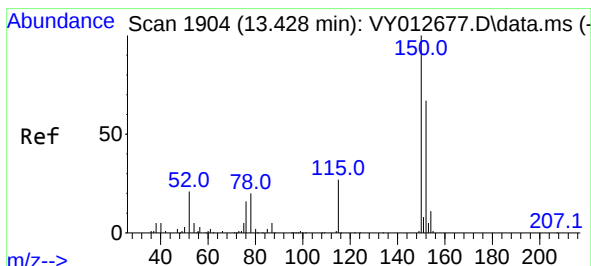
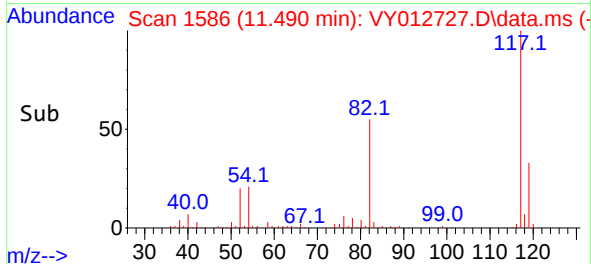
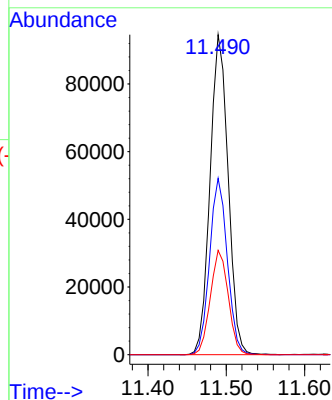
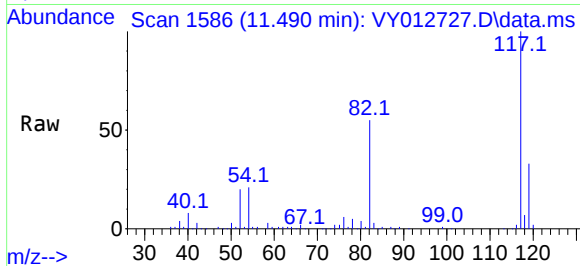




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

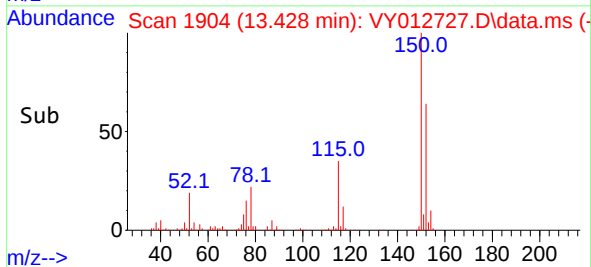
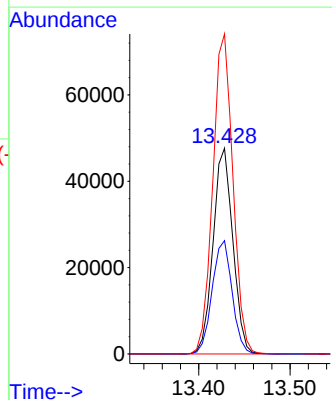
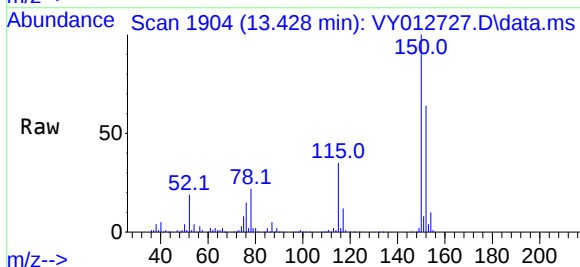
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

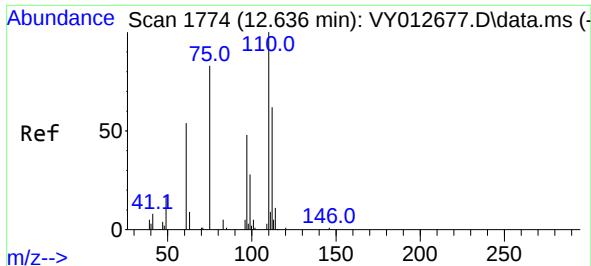
Tgt Ion:117 Resp: 151511
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

Tgt Ion:152 Resp: 71945
Ion Ratio Lower Upper
152 100
115 55.6 28.7 86.3
150 158.0 0.0 347.6

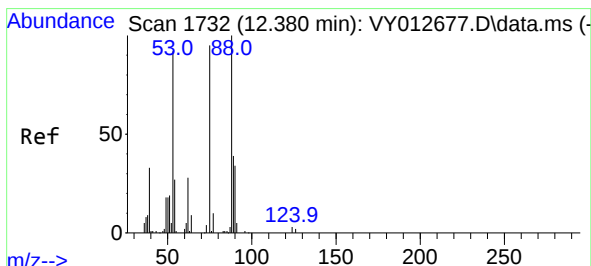
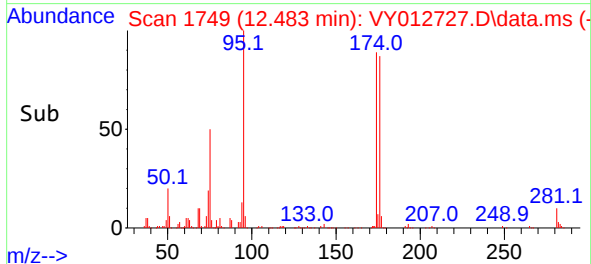
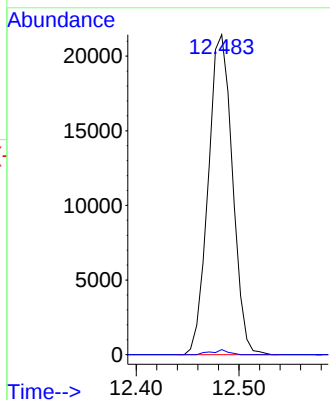
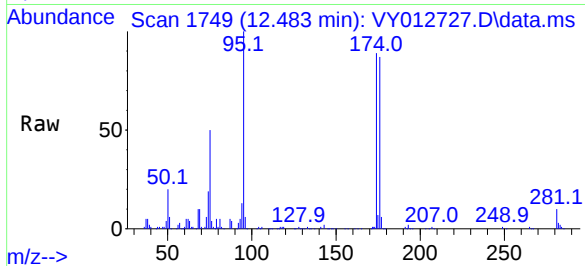




#76
1,2,3-Trichloropropane
Concen: 39.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Tgt Ion: 75 Resp: 35159
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.045 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012727.D
Acq: 27 Feb 2023 11:14

Tgt Ion: 75 Resp: 35159
Ion Ratio Lower Upper
75 100
53 0.0 80.4 120.6#
89 0.1 36.5 54.7#

