

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010777.D
 Acq On : 03 Oct 2022 19:28
 Operator : KP/MD
 Sample : N4936-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-2-(10-16)

Quant Time: Oct 04 07:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	8988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6234	68.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.860%
35) Dibromofluoromethane	7.716	113	3436	35.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.760%
50) Toluene-d8	10.179	98	15722	47.341	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.477	95	4510	33.550	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.100%

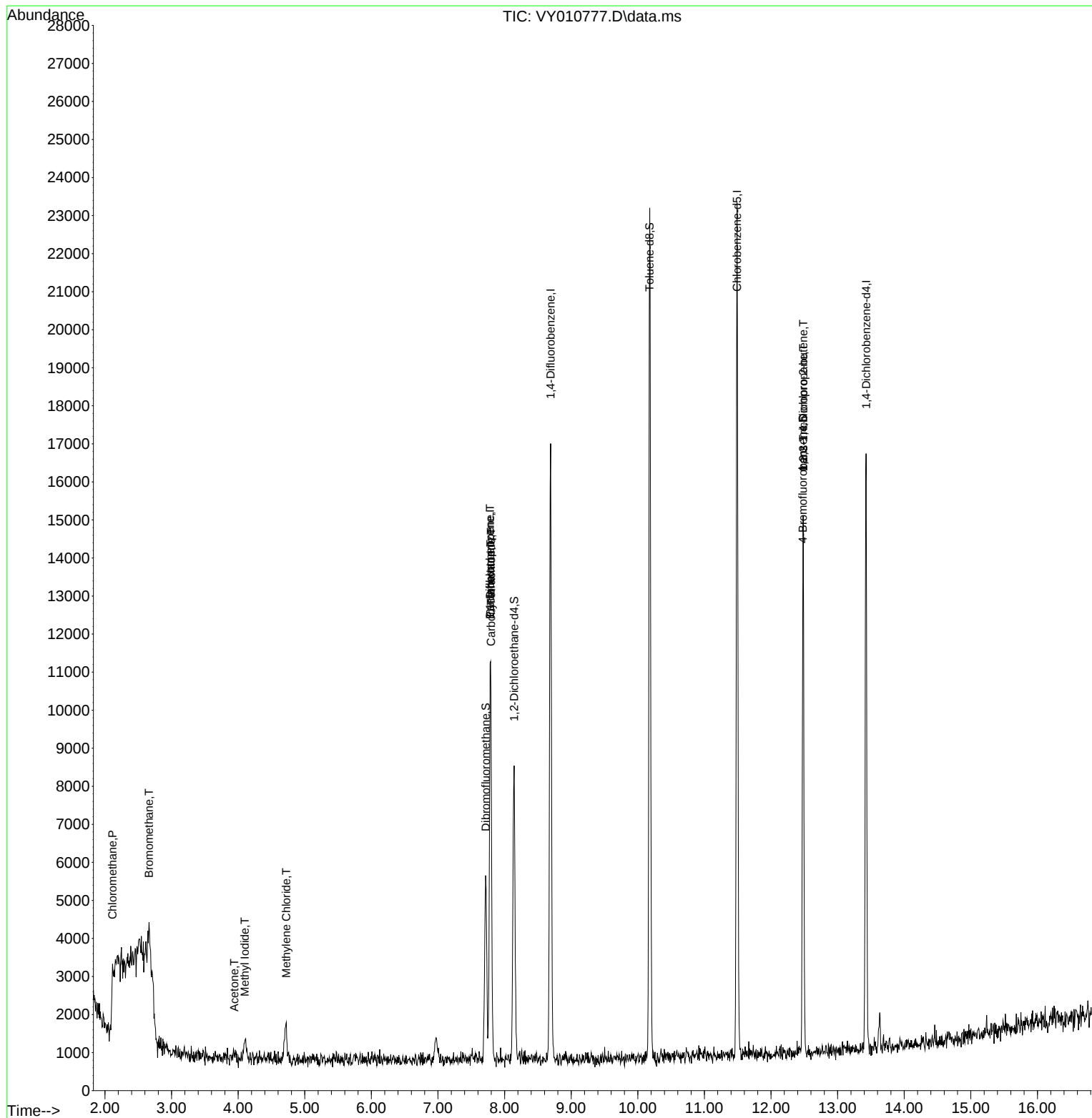
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	380	3.669	ug/l #	84
5) Bromomethane	2.662	94	507	5.729	ug/l #	65
10) Methyl Iodide	4.100	142	815	7.002	ug/l #	88
16) Acetone	3.942	43	154	6.656	ug/l #	47
20) Methylene Chloride	4.722	84	680	1.660	ug/l #	86
31) Cyclohexane	7.789	56	175	1.073	ug/l #	56
36) 1,1-Dichloropropene	7.783	75	641	4.572	ug/l #	42
38) Carbon Tetrachloride	7.795	117	831	5.691	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2078	44.803	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2078	93.589	ug/l #	7

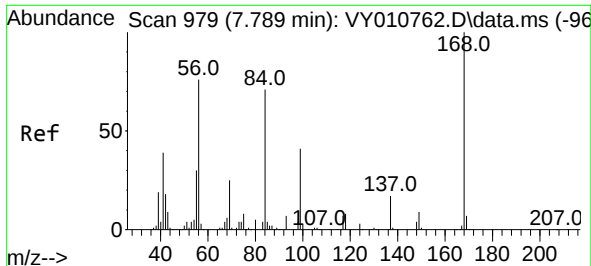
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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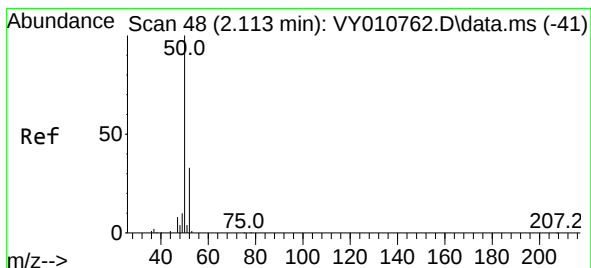
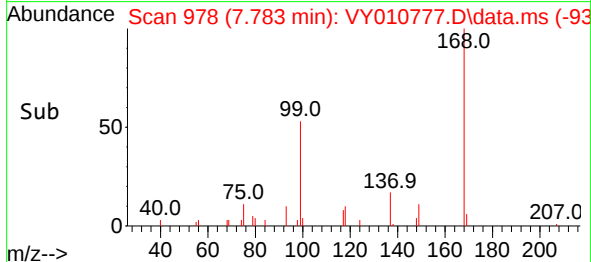
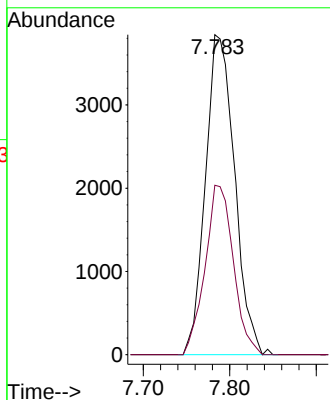
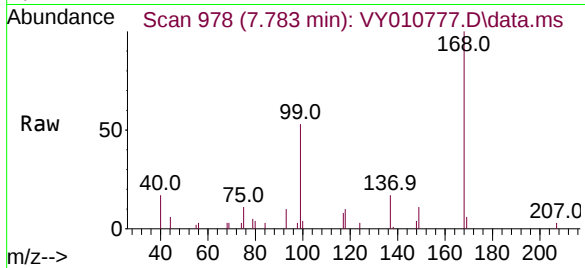




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

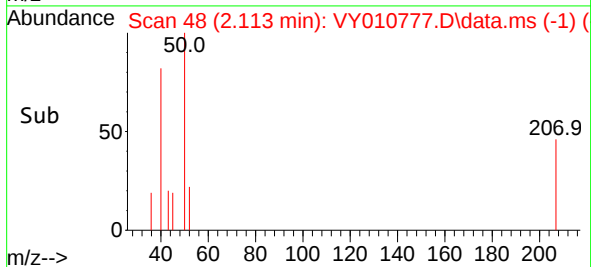
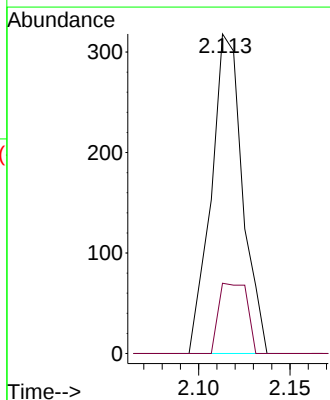
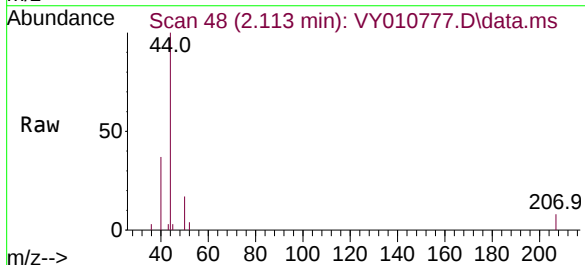
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

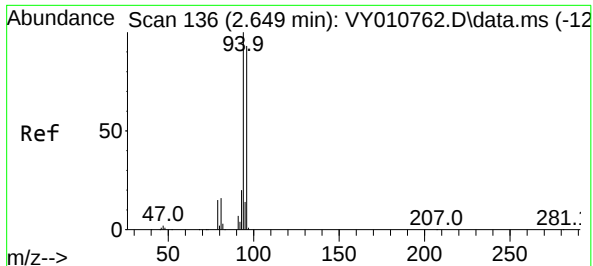
Tgt Ion:168 Resp: 8988
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#3
Chloromethane
Concen: 3.669 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 22.0 24.6 37.0#

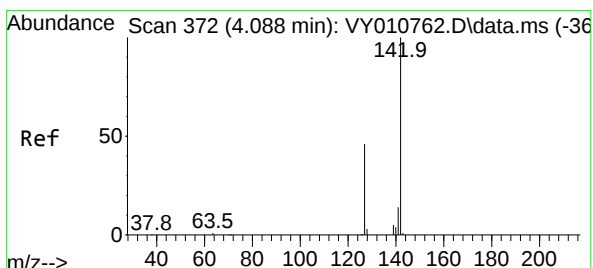
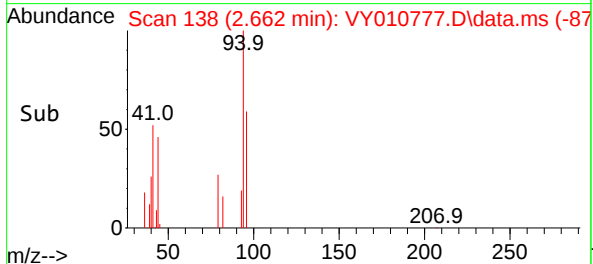
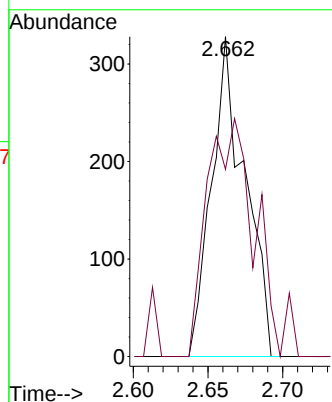
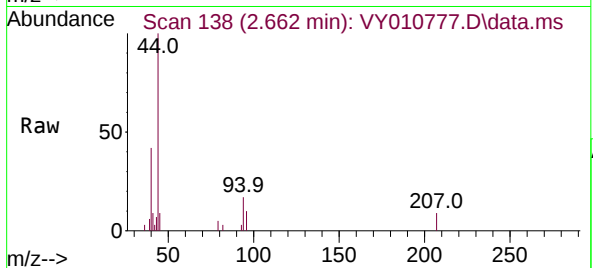




#5
Bromomethane
Concen: 5.729 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

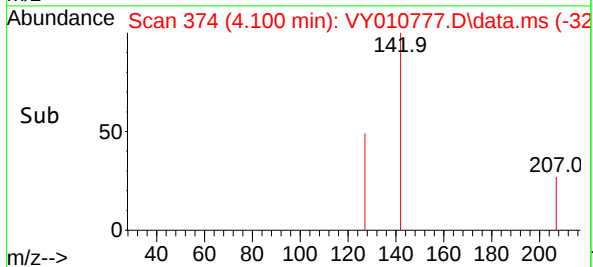
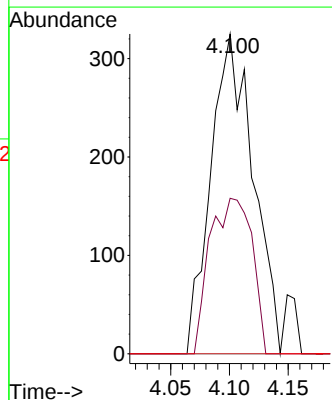
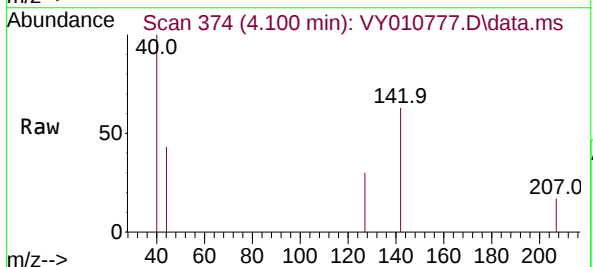
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

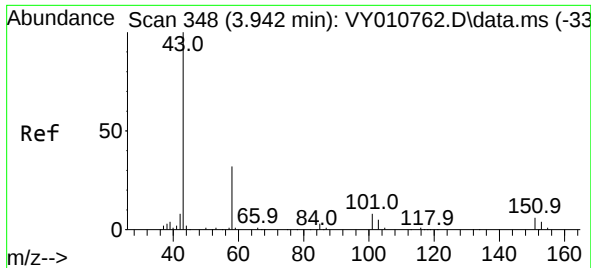
Tgt Ion: 94 Resp: 507
Ion Ratio Lower Upper
94 100
96 58.5 73.5 110.3#



#10
Methyl Iodide
Concen: 7.002 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion:142 Resp: 815
Ion Ratio Lower Upper
142 100
127 48.5 41.5 62.3
141 0.0 11.9 17.9#

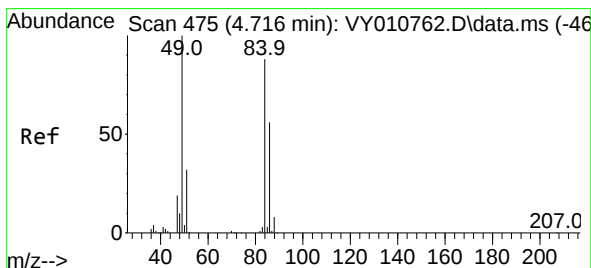
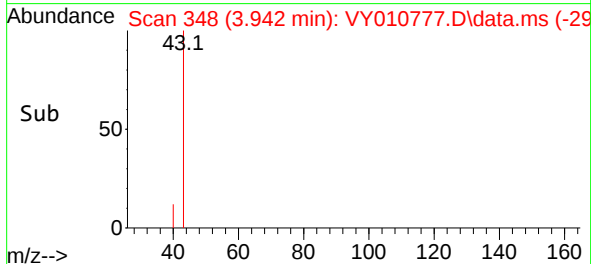
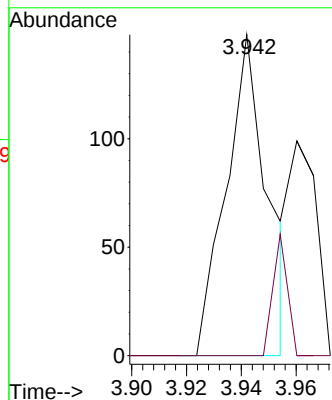
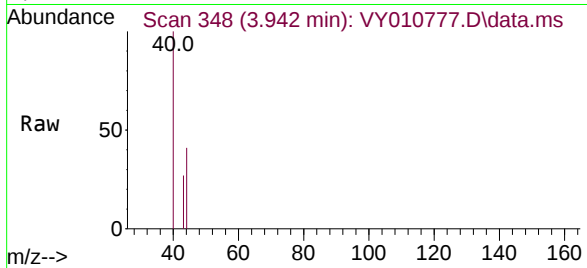




#16
Acetone
Concen: 6.656 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

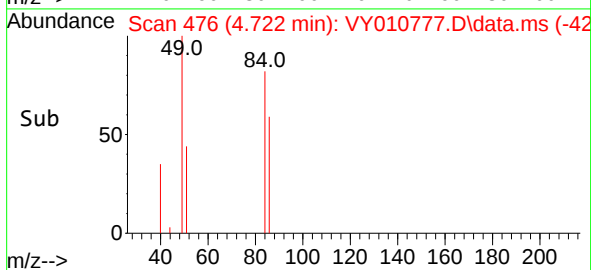
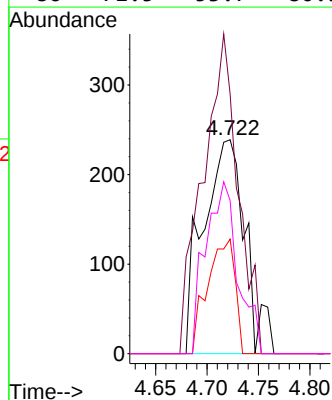
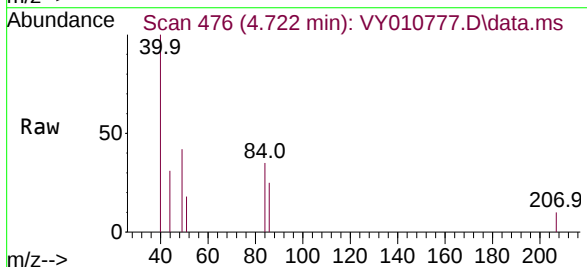
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

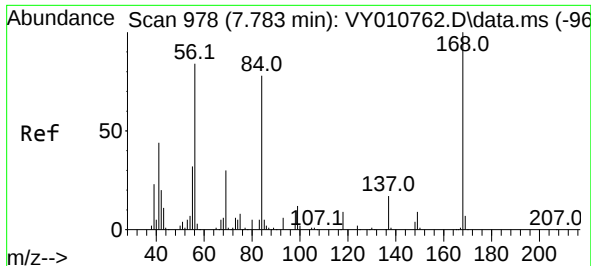
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 1.660 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion: 84 Resp: 680
Ion Ratio Lower Upper
84 100
49 121.3 114.4 171.6
51 53.6 35.3 52.9#
86 71.5 53.7 80.5

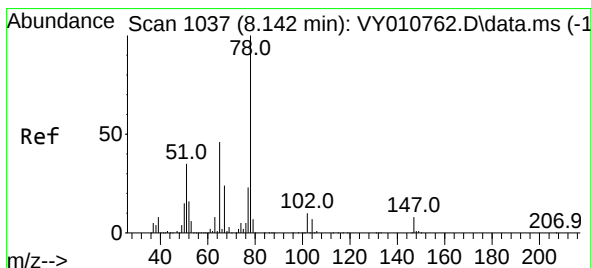
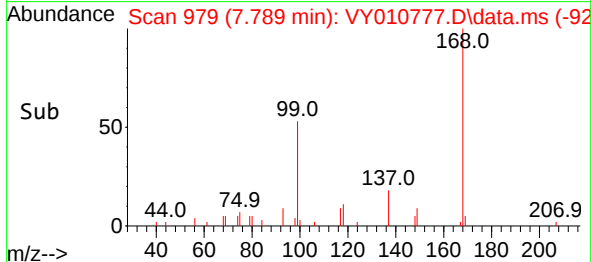
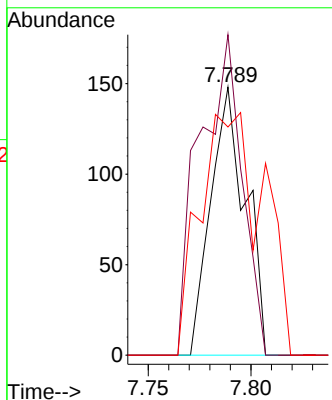
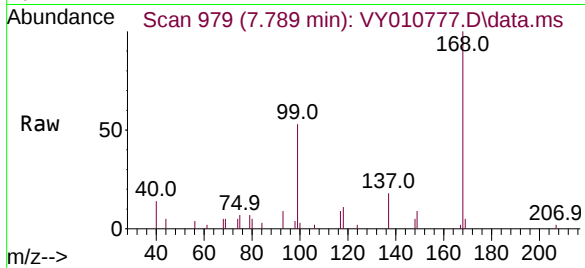




#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

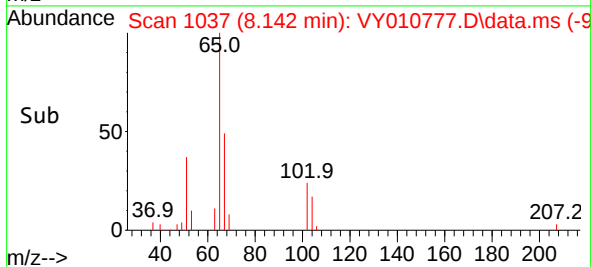
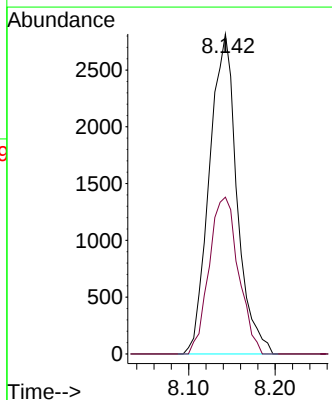
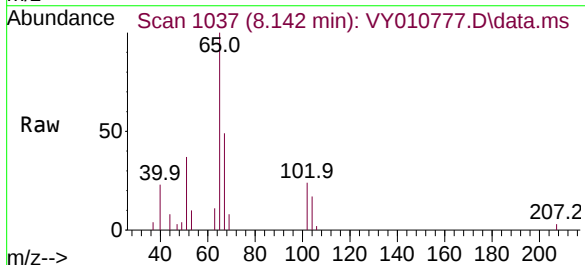
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

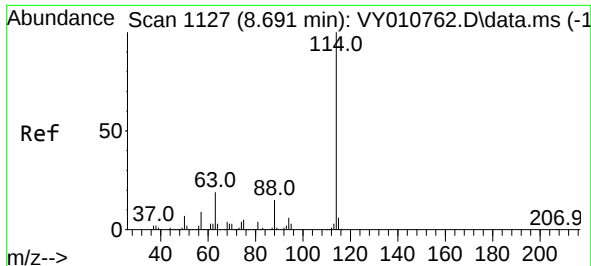
Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
69 119.6 26.7 40.1#
84 85.1 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 68.427 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion: 65 Resp: 6234
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

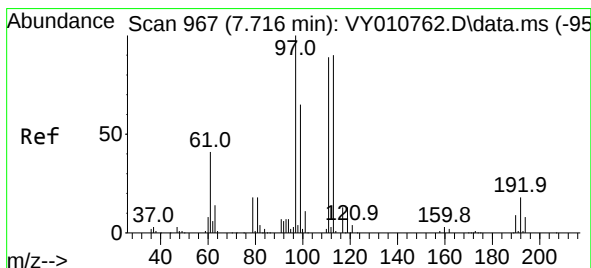
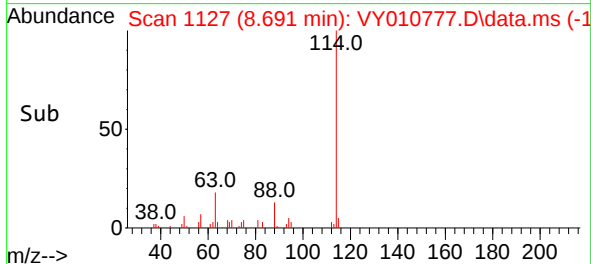
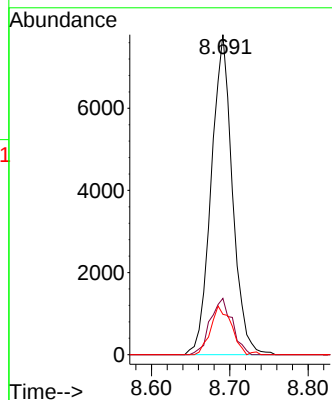
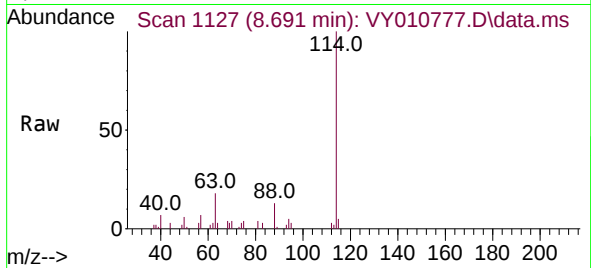




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

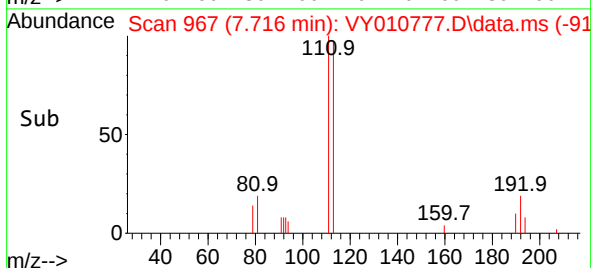
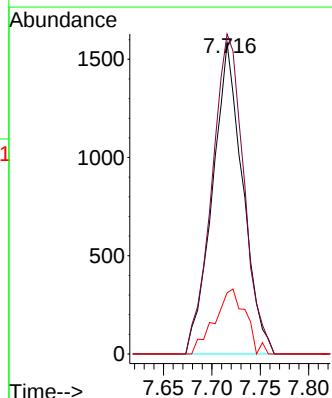
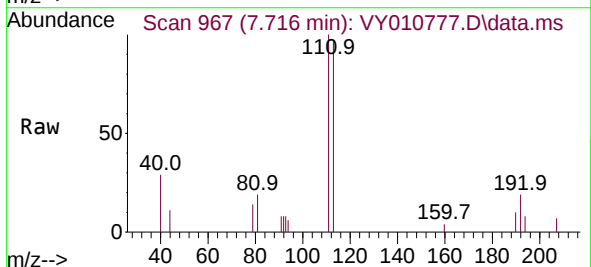
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ClientSampleId :
SASP2-T-2-(10-16)

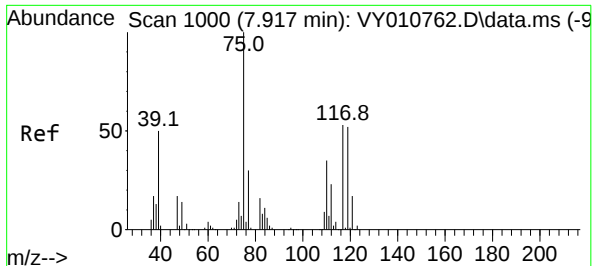
Tgt Ion:	114	Resp:	14629
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	43.2
88	12.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 35.383 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion:	113	Resp:	3436
Ion	Ratio	Lower	Upper
113	100		
111	108.4	82.6	124.0
192	21.4	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.572 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY010777.D

Acq: 03 Oct 2022 19:28

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-2-(10-16)

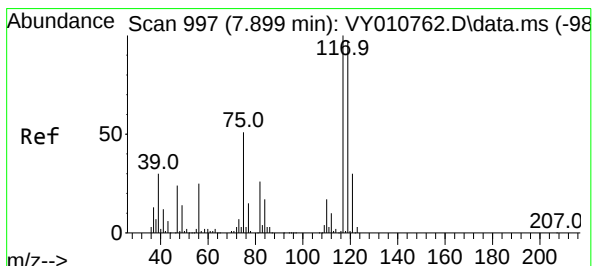
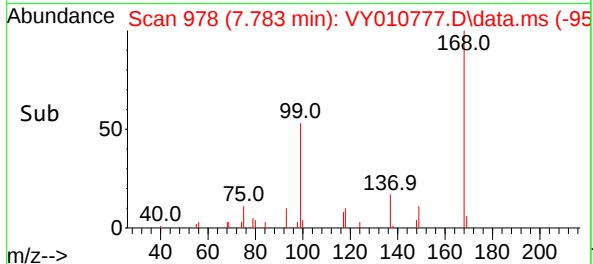
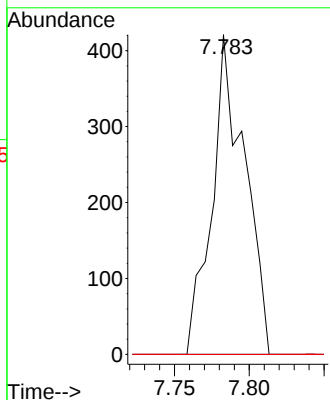
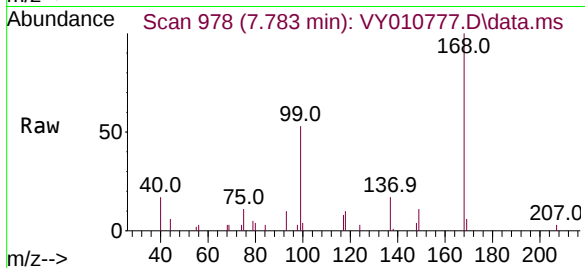
Tgt Ion: 75 Resp: 641

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.691 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY010777.D

Acq: 03 Oct 2022 19:28

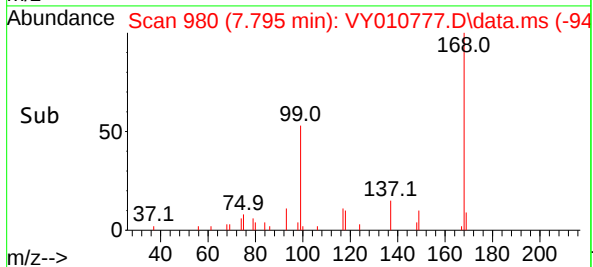
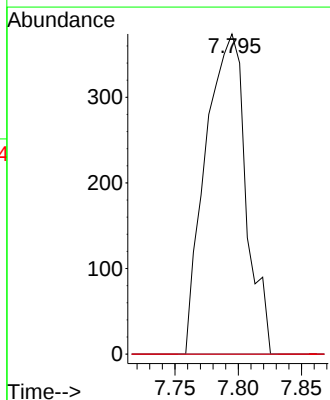
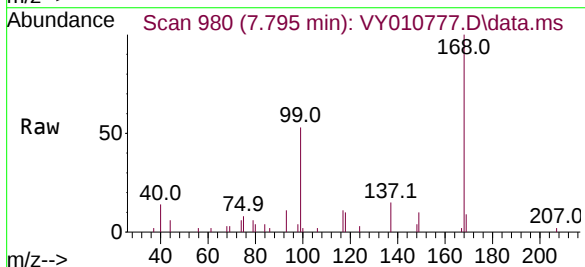
Tgt Ion: 117 Resp: 831

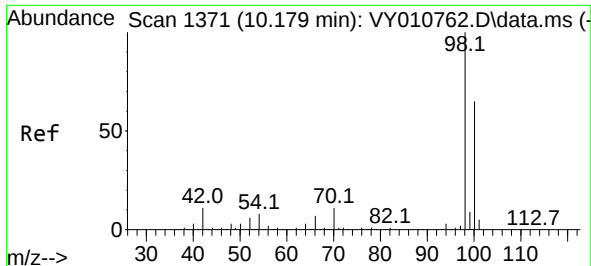
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

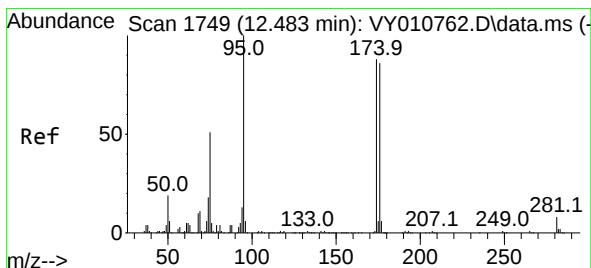
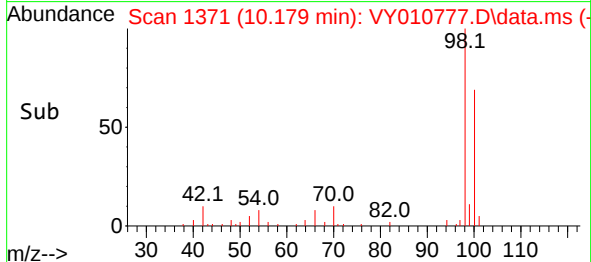
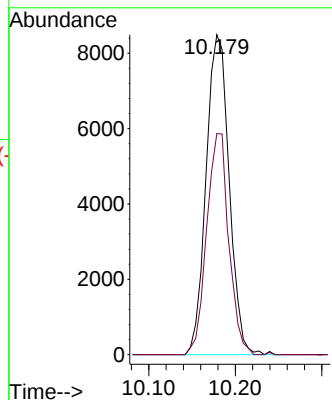
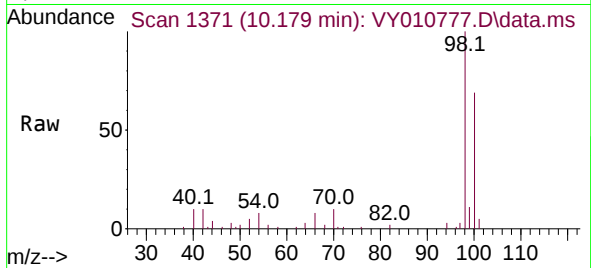




#50
Toluene-d8
Concen: 47.341 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

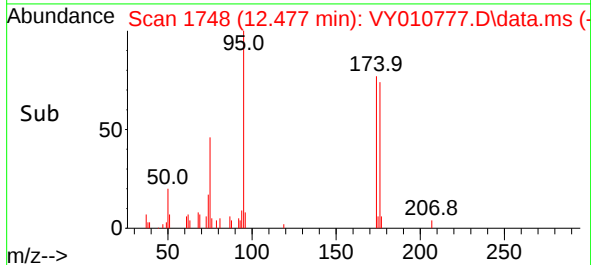
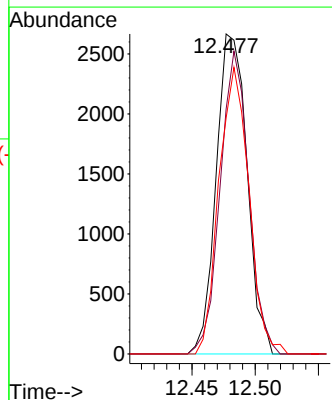
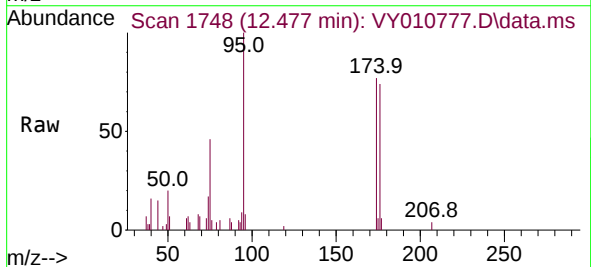
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

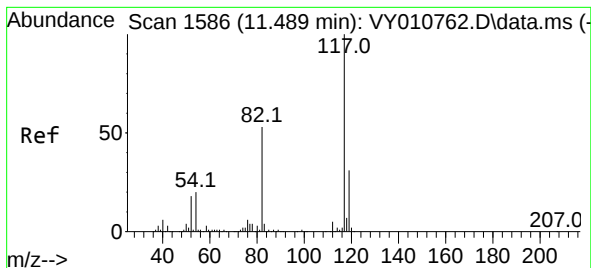
Tgt Ion: 98 Resp: 15722
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.550 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion: 95 Resp: 4510
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 87.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010777.D

Acq: 03 Oct 2022 19:28

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-2-(10-16)

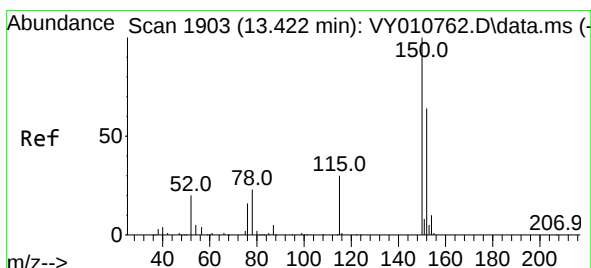
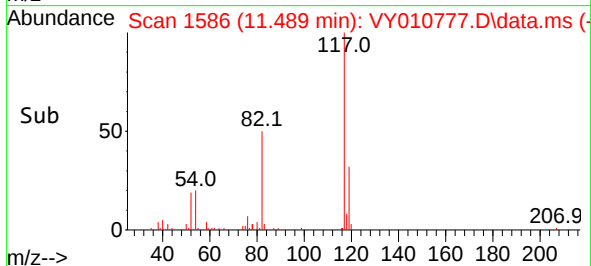
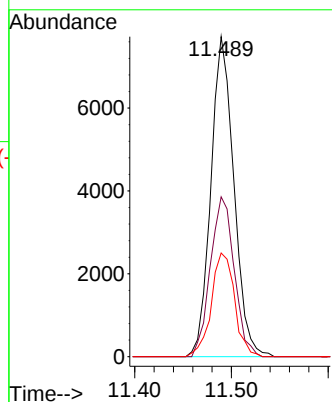
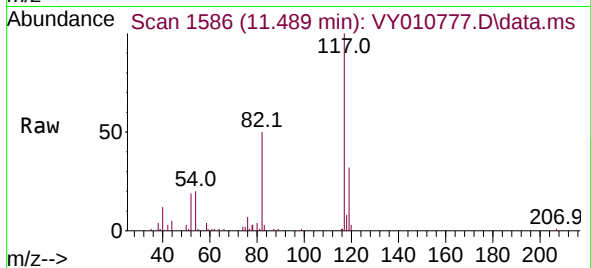
Tgt Ion:117 Resp: 12768

Ion Ratio Lower Upper

117 100

82 50.0 43.0 64.4

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010777.D

Acq: 03 Oct 2022 19:28

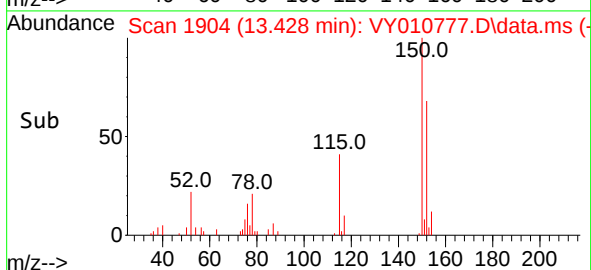
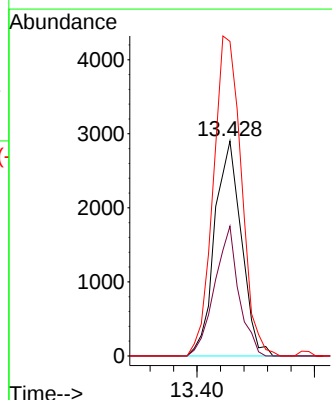
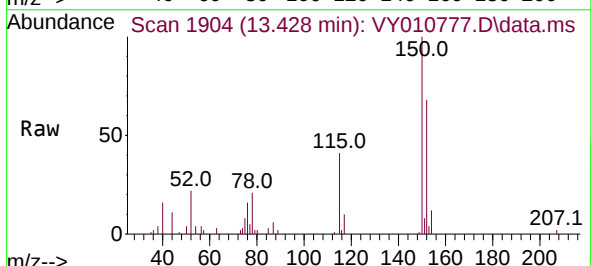
Tgt Ion:152 Resp: 4580

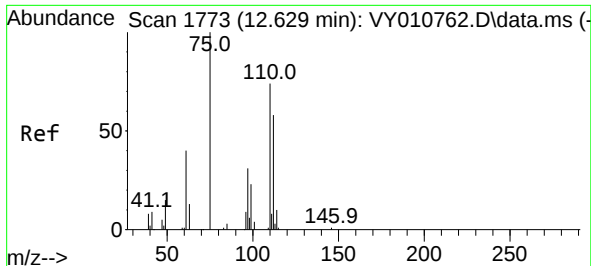
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 156.4 0.0 347.6

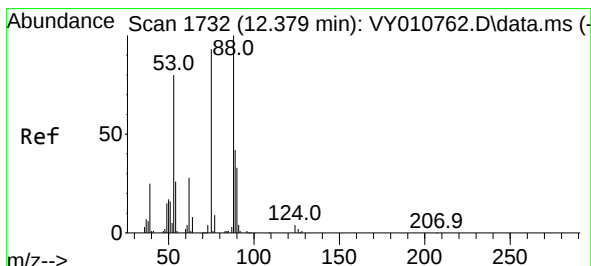
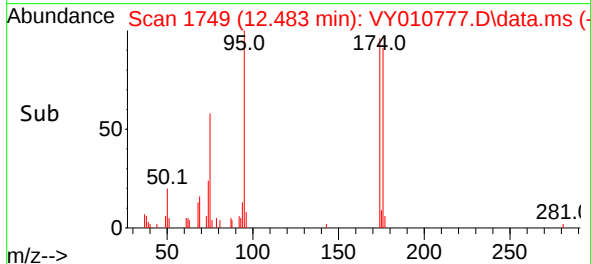
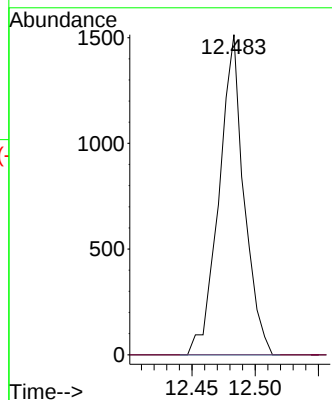
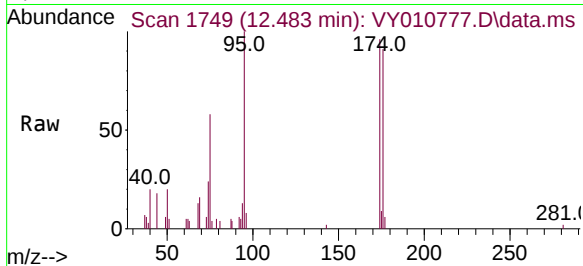




#76
1,2,3-Trichloropropane
Concen: 44.803 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(10-16)

Tgt Ion: 75 Resp: 2078
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 93.589 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY010777.D
Acq: 03 Oct 2022 19:28

Tgt Ion: 75 Resp: 2078
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

