

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011795.D
 Acq On : 13 Dec 2022 15:48
 Operator : KP/MD
 Sample : N5964-03RE
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-518-COMP-02

Quant Time: Dec 13 22:18:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

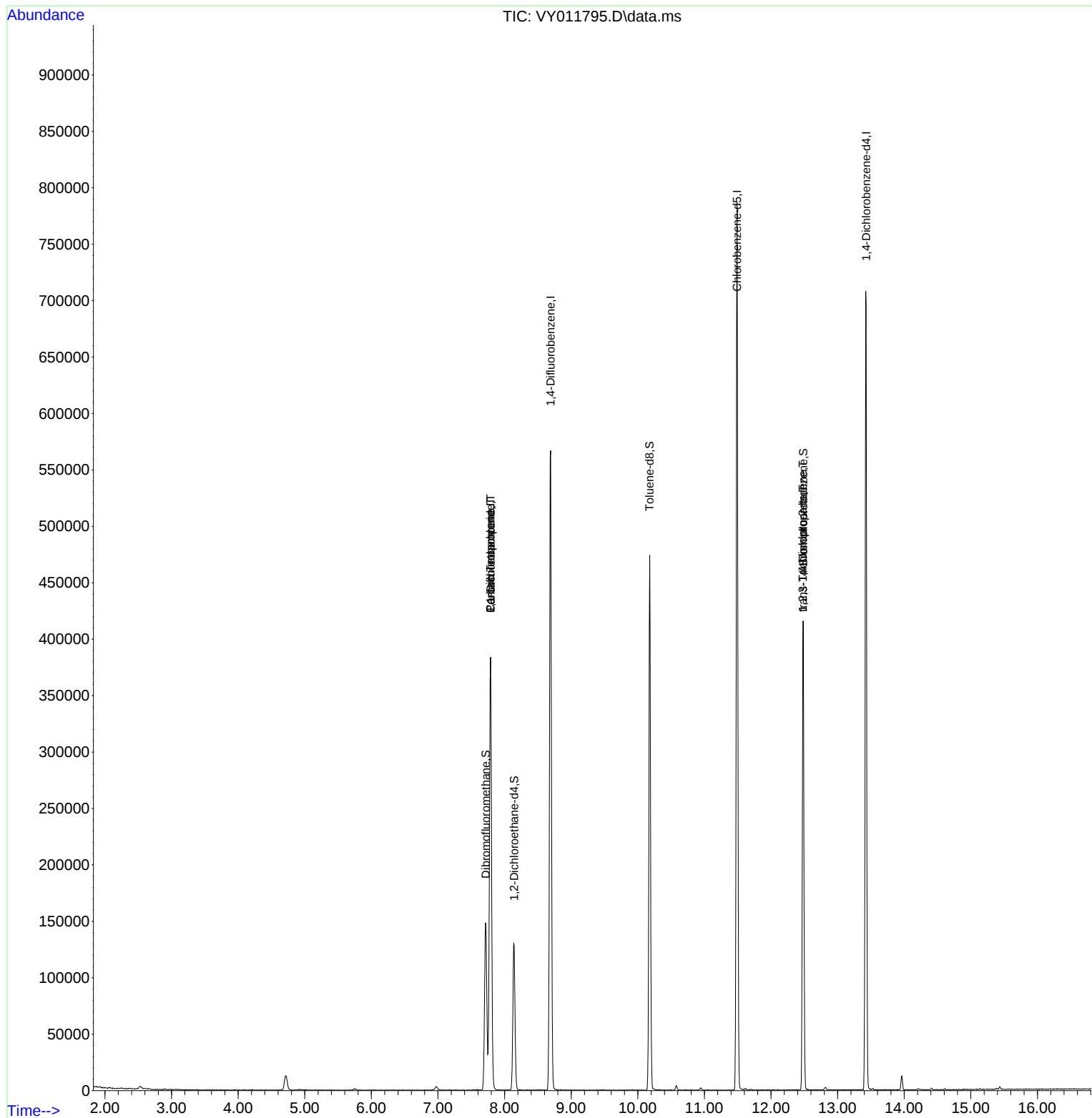
Internal Standards						
1) Pentafluorobenzene	7.789	168	297564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	485970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102460	50.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.020%
35) Dibromofluoromethane	7.716	113	104935	48.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.179	98	308196	42.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.100%
62) 4-Bromofluorobenzene	12.483	95	116054	40.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.600%
Target Compounds						
2) Dichlorodifluoromethane	1.894	85	19	Below Cal	#	41
3) Chloromethane	2.113	50	116	Below Cal	#	41
5) Bromomethane	2.668	94	136	Below Cal	#	24
11) Tert butyl alcohol	4.936	59	805	Below Cal	#	74
18) Methyl Acetate	4.204	43	20	Below Cal	#	50
20) Methylene Chloride	4.710	84	10127	Below Cal	#	81
31) Cyclohexane	7.789	56	5923	Below Cal	#	12
36) 1,1-Dichloropropene	7.789	75	21955	5.953	ug/l #	49
38) Carbon Tetrachloride	7.789	117	29857	6.892	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	61613	32.773	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61613	74.369	ug/l #	13

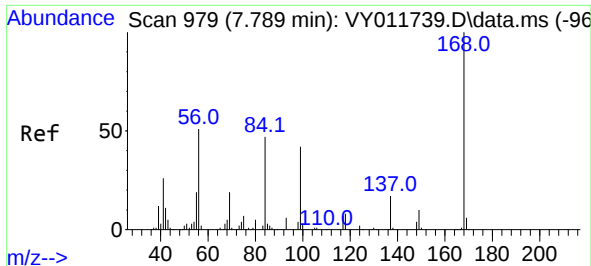
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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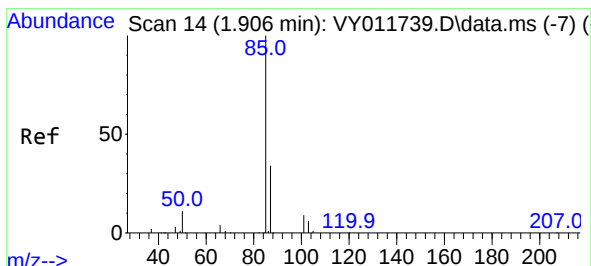
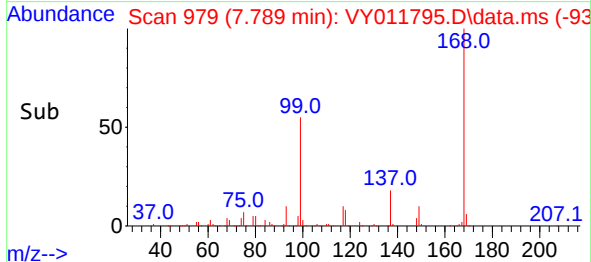
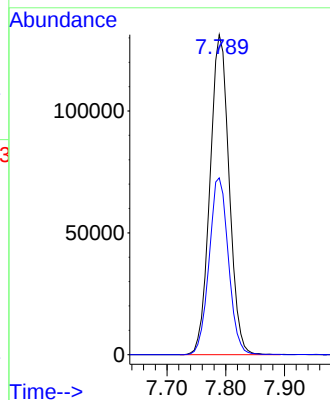
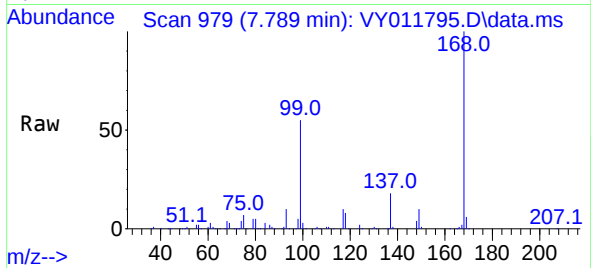




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

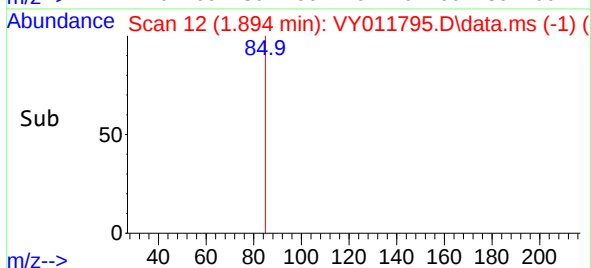
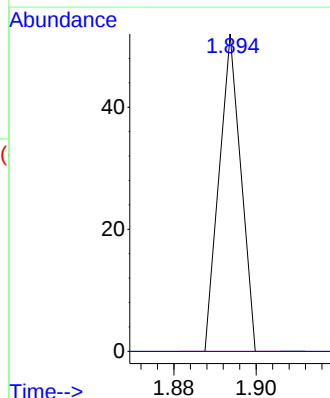
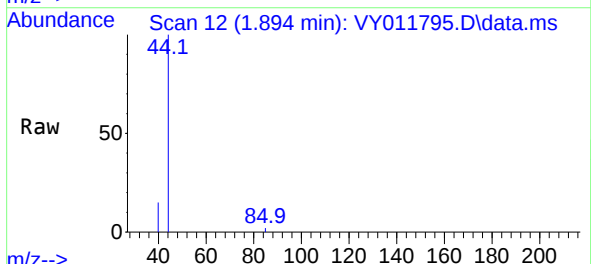
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

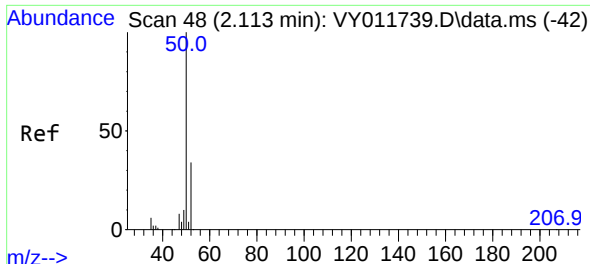
Tgt Ion:168 Resp: 297564
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

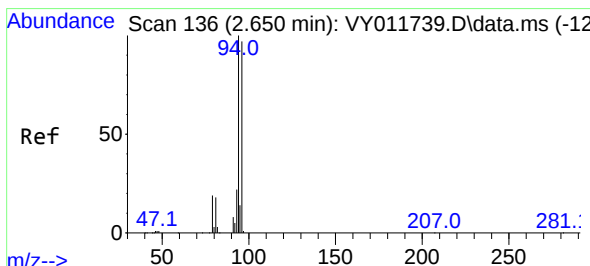
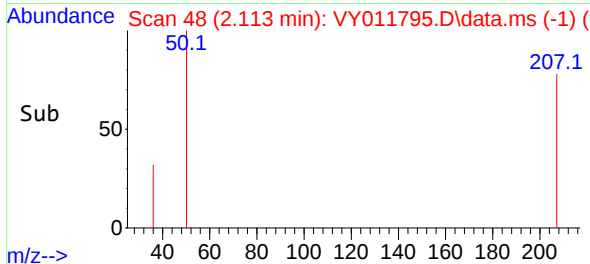
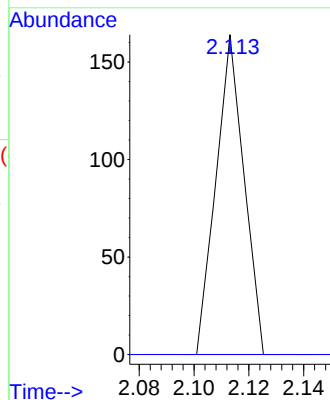
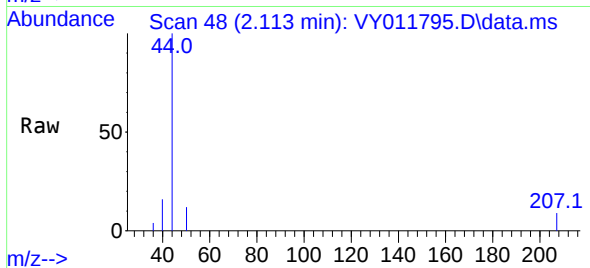




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

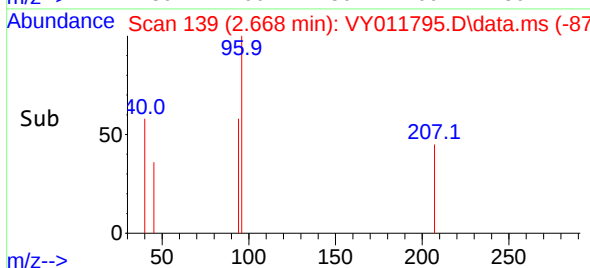
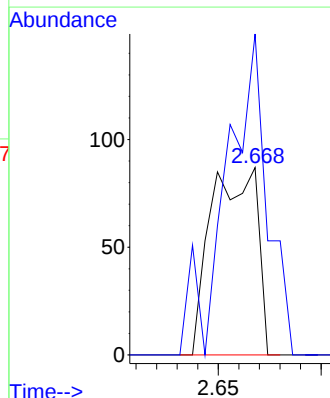
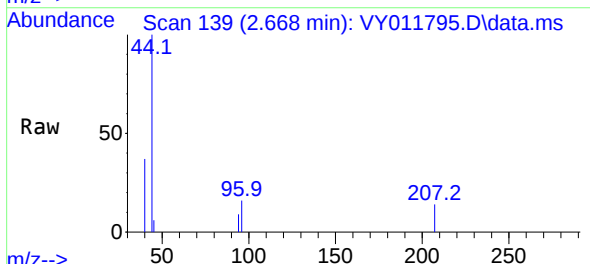
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

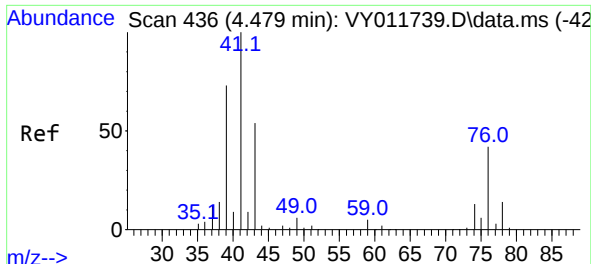
Tgt Ion: 50 Resp: 116
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 171.3 77.4 116.2#

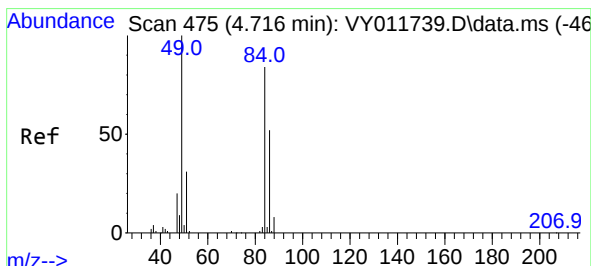
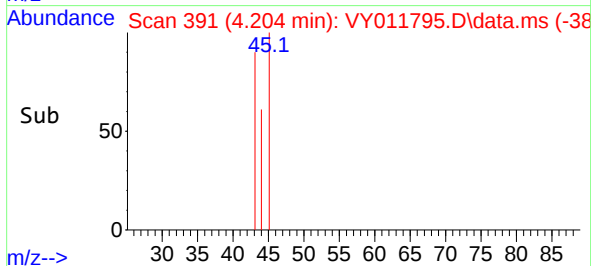
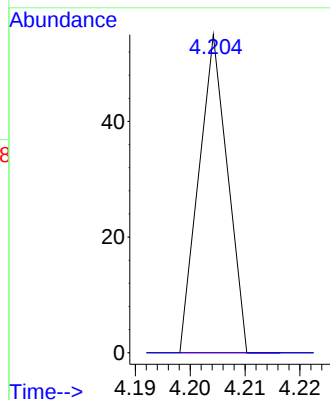
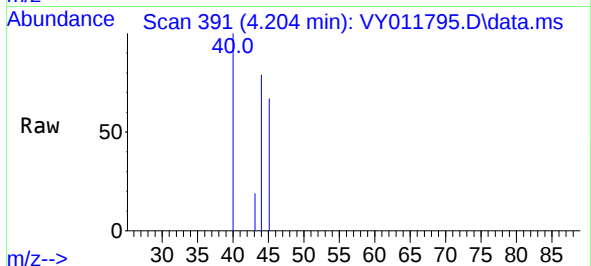




#18
Methyl Acetate
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. -0.275 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

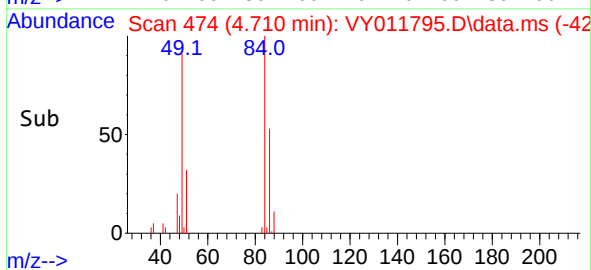
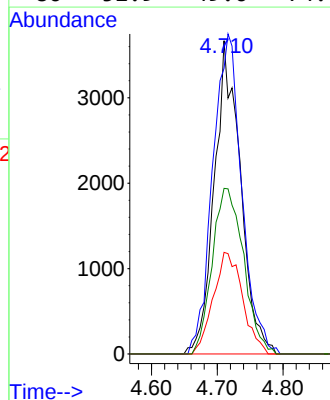
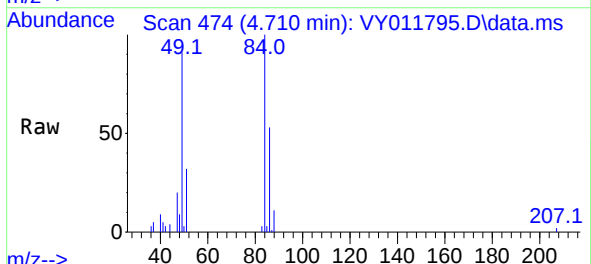
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

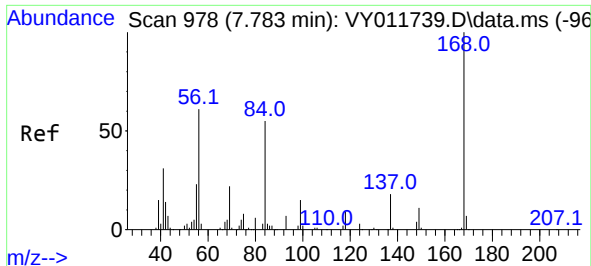
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion: 84 Resp: 10127
Ion Ratio Lower Upper
84 100
49 91.1 95.4 143.2#
51 32.5 29.9 44.9
86 52.9 49.6 74.4

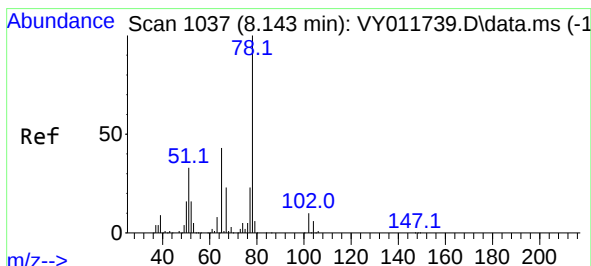
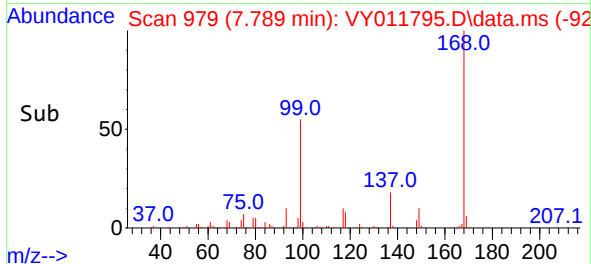
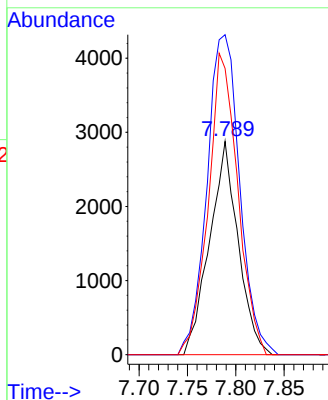
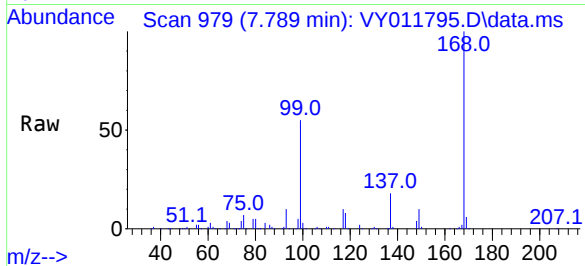




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

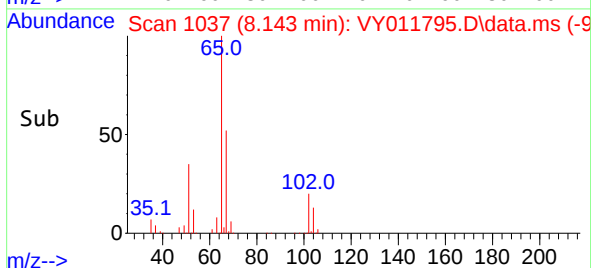
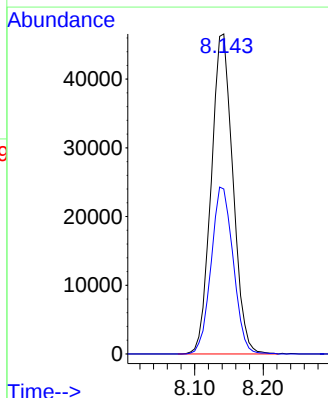
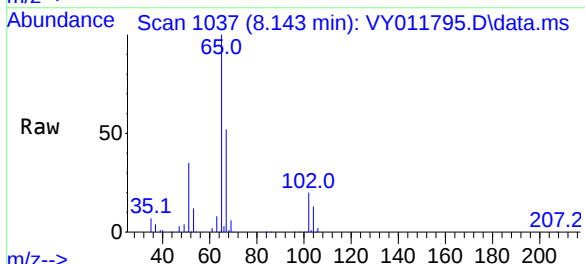
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

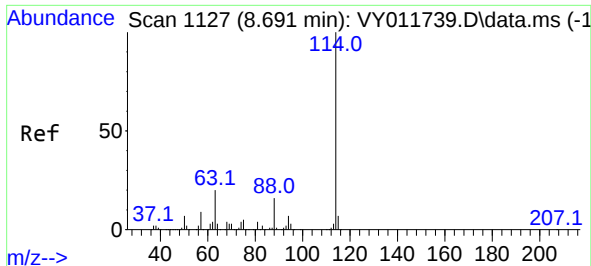
Tgt Ion: 56 Resp: 5923
Ion Ratio Lower Upper
56 100
69 150.0 29.2 43.8#
84 134.2 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 50.509 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion: 65 Resp: 102460
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011795.D

Acq: 13 Dec 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

SU-518-COMP-02

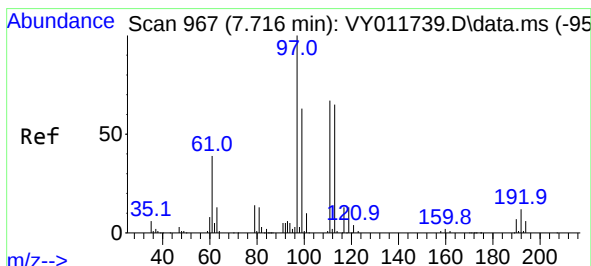
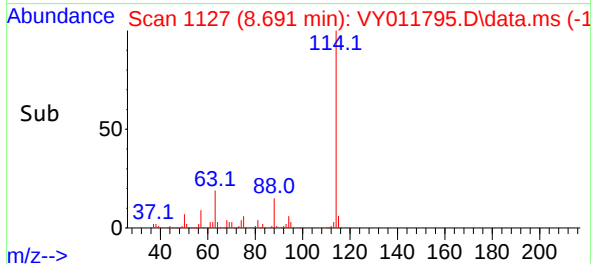
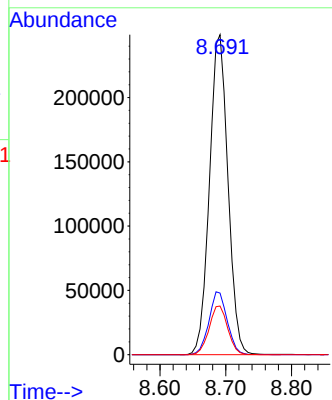
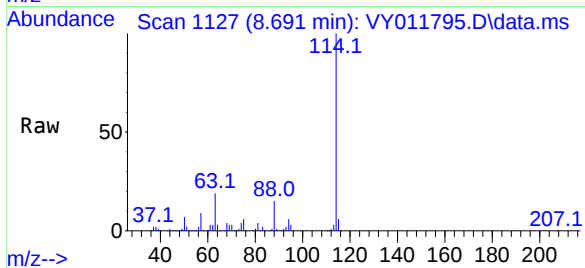
Tgt Ion:114 Resp: 485970

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.482 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011795.D

Acq: 13 Dec 2022 15:48

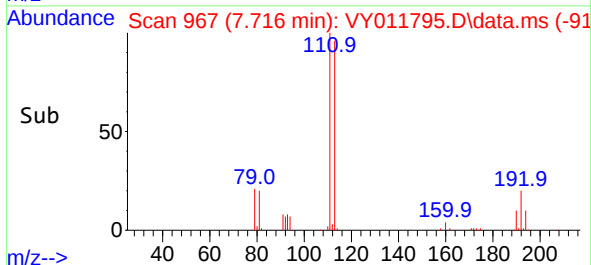
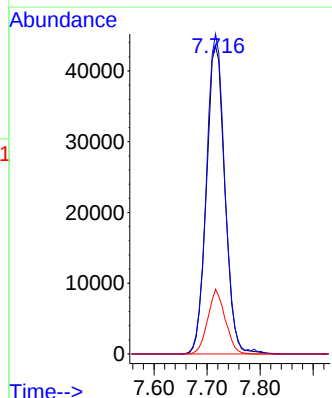
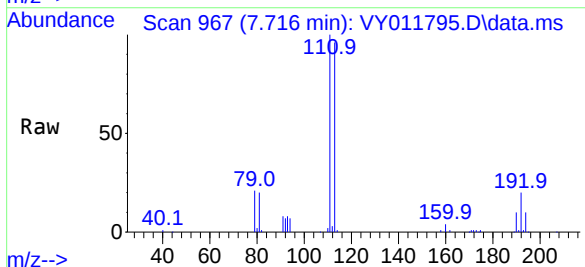
Tgt Ion:113 Resp: 104935

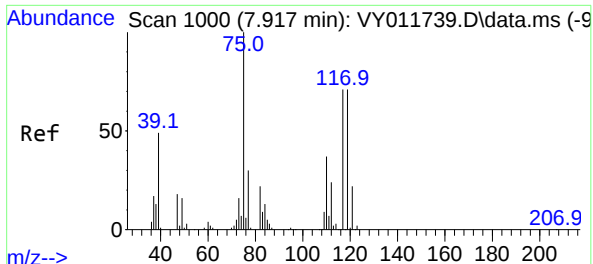
Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

192 19.9 16.0 24.0





#36

1,1-Dichloropropene

Concen: 5.953 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011795.D

Acq: 13 Dec 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

SU-518-COMP-02

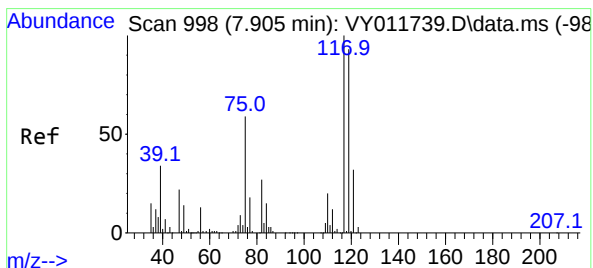
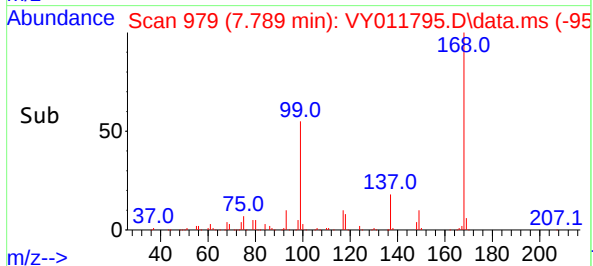
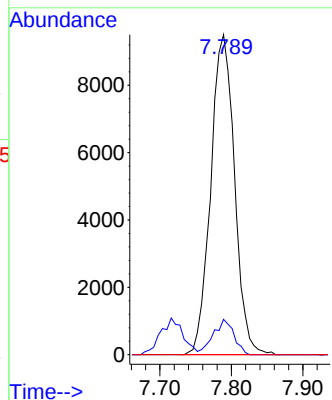
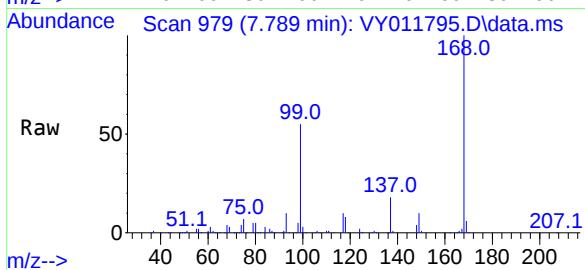
Tgt Ion: 75 Resp: 21955

Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.892 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011795.D

Acq: 13 Dec 2022 15:48

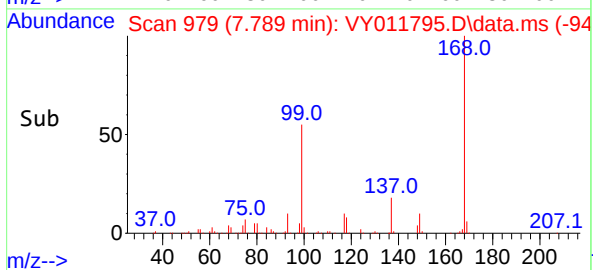
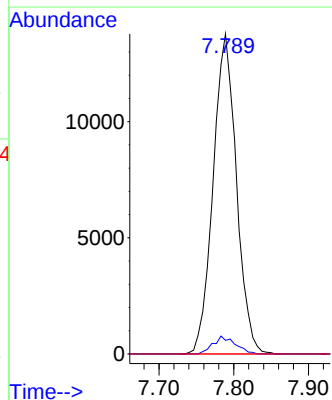
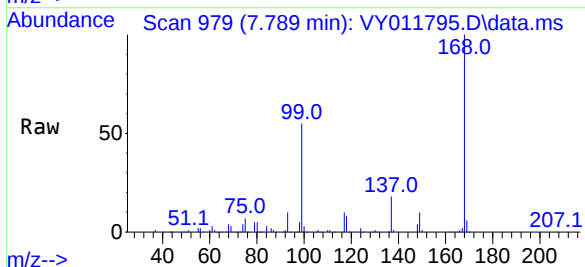
Tgt Ion: 117 Resp: 29857

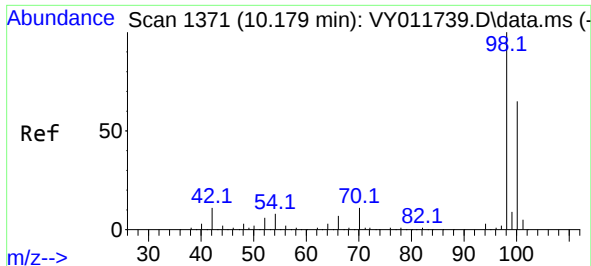
Ion Ratio Lower Upper

117 100

119 4.3 73.8 110.8#

121 0.0 25.2 37.8#

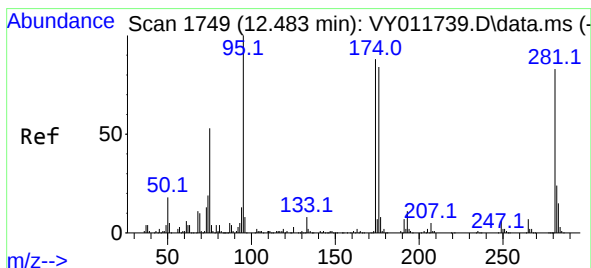
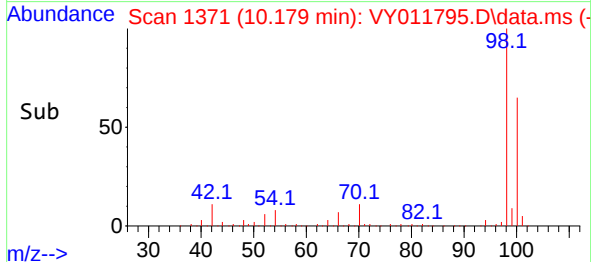
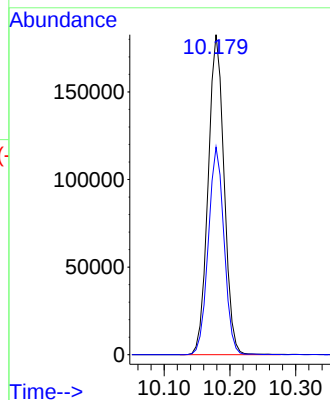
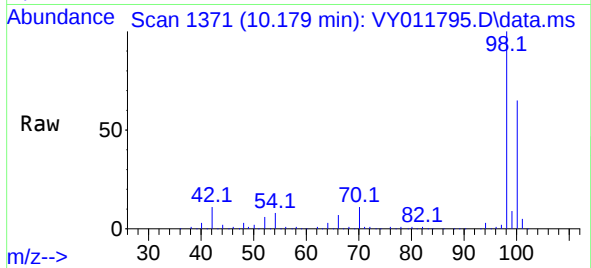




#50
Toluene-d8
Concen: 42.548 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

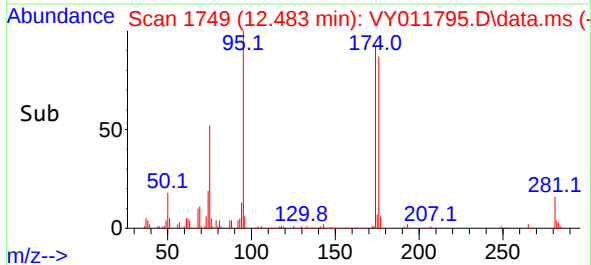
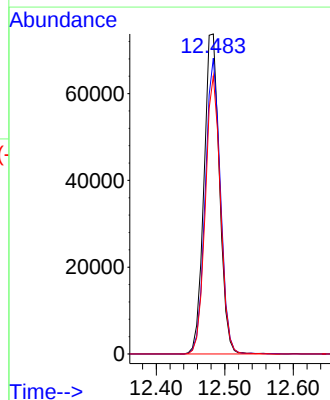
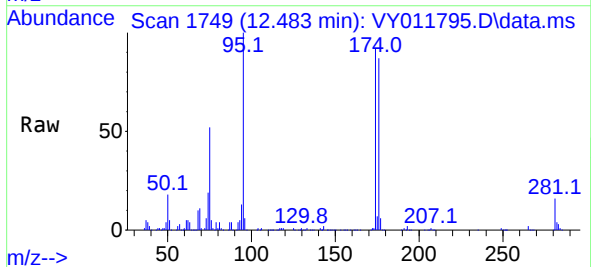
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

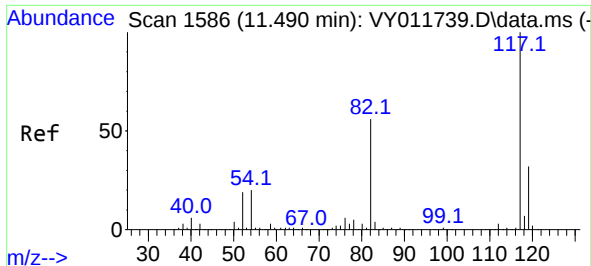
Tgt Ion: 98 Resp: 308196
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.304 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion: 95 Resp: 116054
Ion Ratio Lower Upper
95 100
174 90.5 0.0 172.0
176 84.8 0.0 167.6

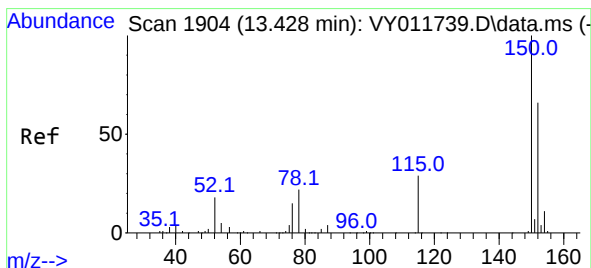
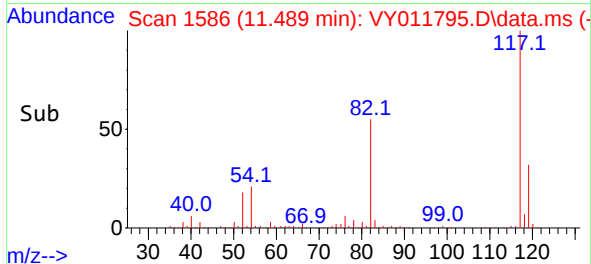
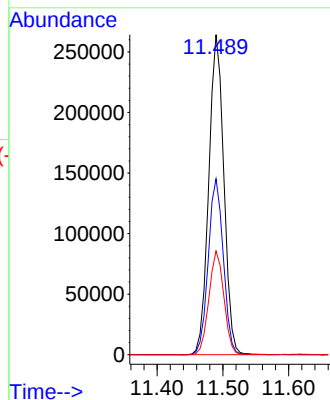
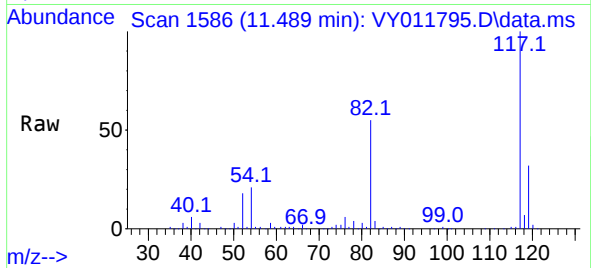




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

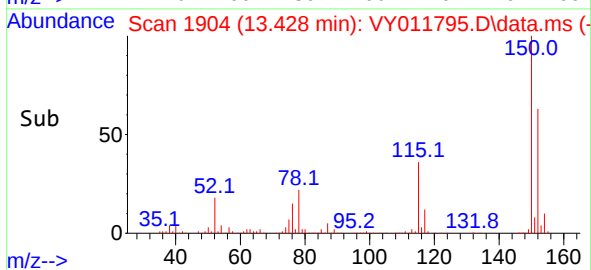
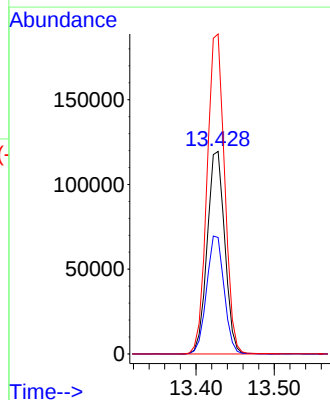
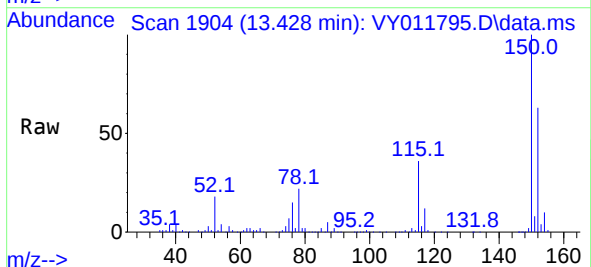
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

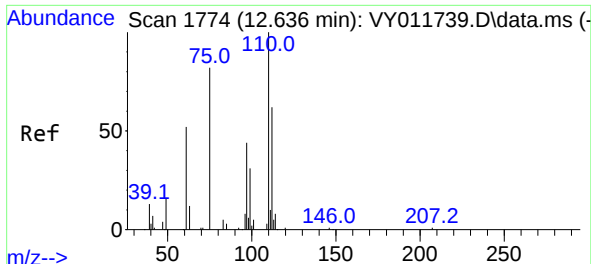
Tgt Ion:117 Resp: 421807
Ion Ratio Lower Upper
117 100
82 55.0 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion:152 Resp: 185816
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 158.0 0.0 342.6

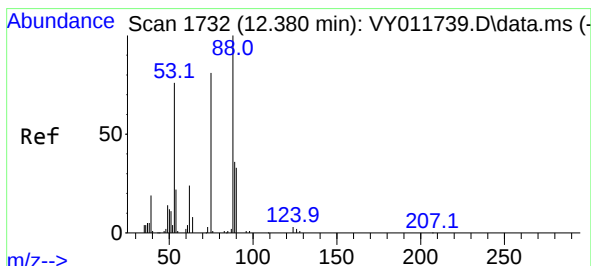
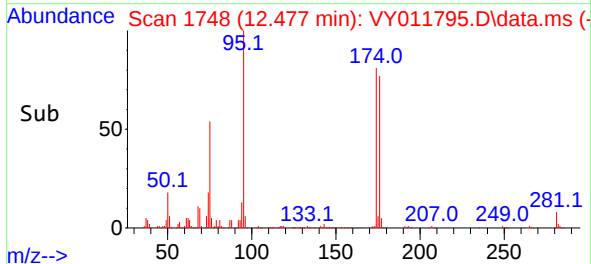
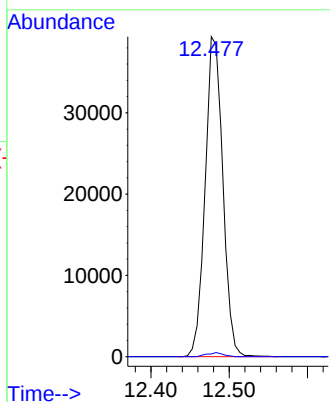
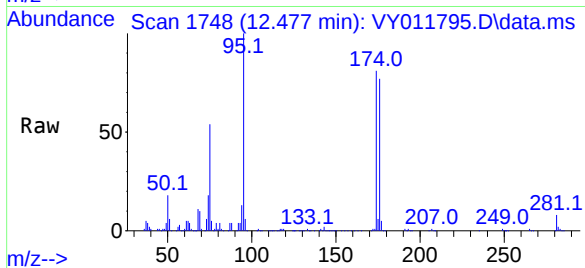




#76
1,2,3-Trichloropropane
Concen: 32.773 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

Tgt Ion: 75 Resp: 61613
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.369 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion: 75 Resp: 61613
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.3 37.0 55.4#

