

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019111.D
 Acq On : 19 Aug 2024 12:47
 Operator : SY/MD
 Sample : P3483-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 14:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

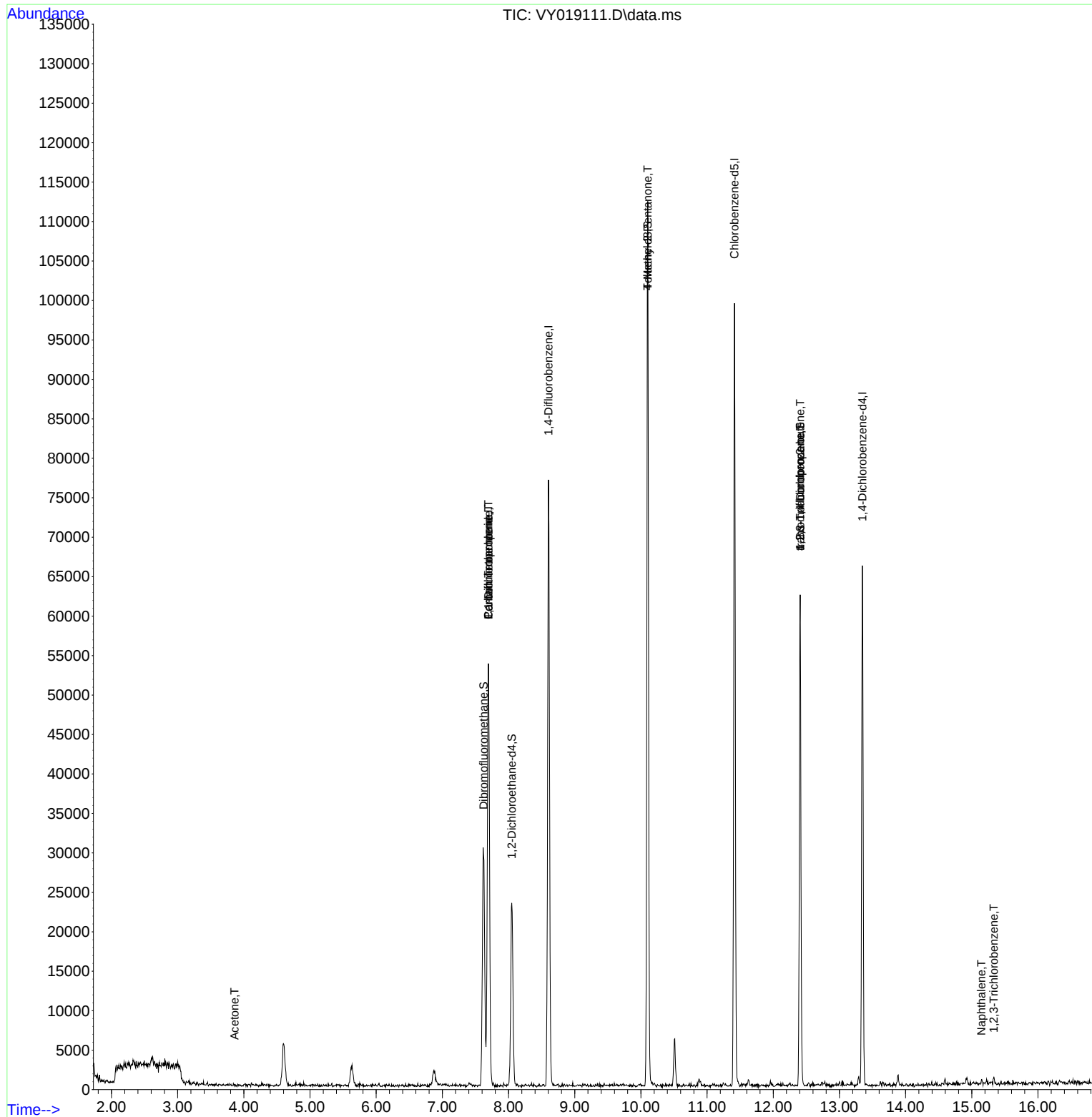
Internal Standards						
1) Pentafluorobenzene	7.695	168	41666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	65701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	53354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	16762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	18591	44.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.622	113	21410	49.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.680%
50) Toluene-d8	10.103	98	73222	47.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.408	95	18514	35.130	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.260%
Target Compounds						
					Qvalue	
5) Bromomethane	2.605	94	650	Below Cal	#	70
6) Chloroethane	2.794	64	18	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	51	Below Cal	#	88
16) Acetone	3.860	43	89	1.149	ug/l #	36
20) Methylene Chloride	4.610	84	4196	Below Cal	#	75
31) Cyclohexane	7.683	56	887	Below Cal	#	71
36) 1,1-Dichloropropene	7.695	75	3302	5.597	ug/l #	47
38) Carbon Tetrachloride	7.695	117	4095	5.990	ug/l #	19
51) 4-Methyl-2-Pentanone	10.103	43	340	1.212	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	10146	61.378	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	10146	151.583	ug/l #	16
95) Naphthalene	15.145	128	547	1.016	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.334	180	352	1.383	ug/l	84

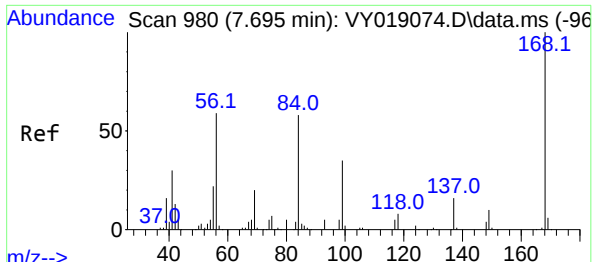
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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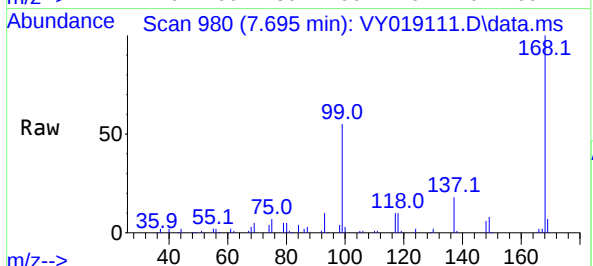
Quant Time: Aug 19 14:52:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
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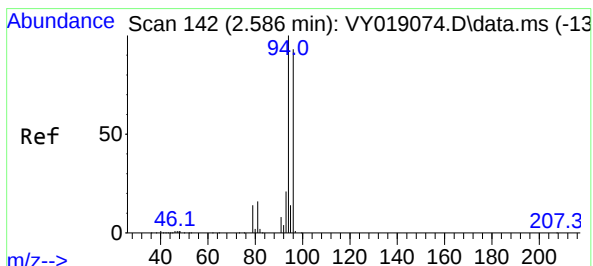
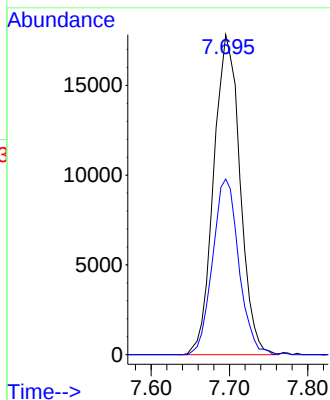
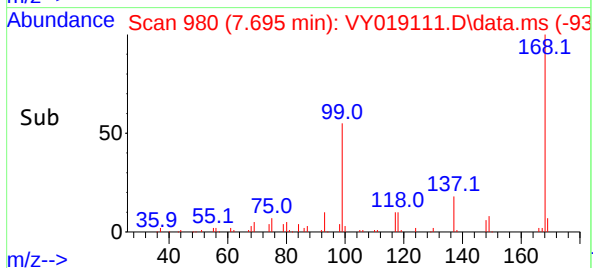


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

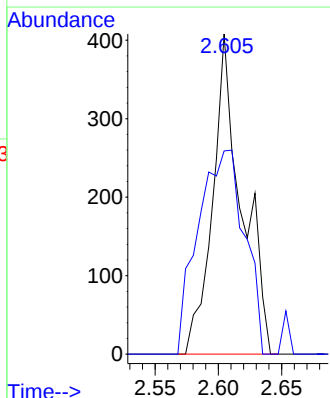
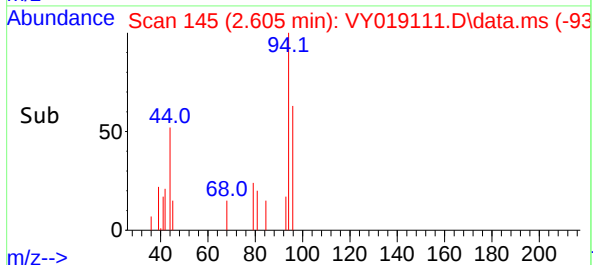
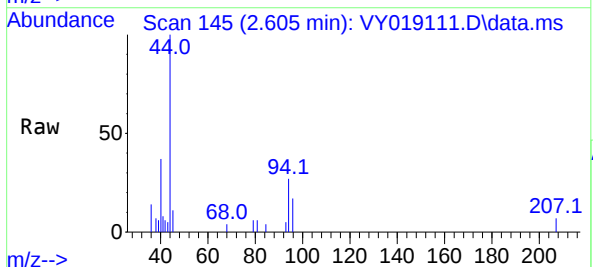


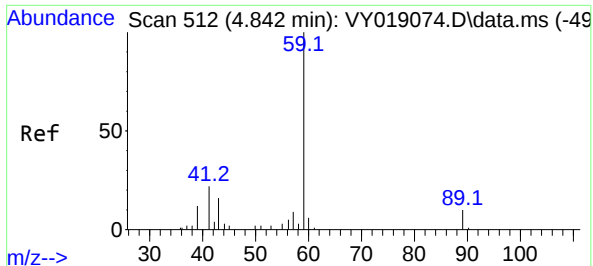
Tgt Ion:168 Resp: 41666
Ion Ratio Lower Upper
168 100
99 54.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Tgt Ion: 94 Resp: 650
Ion Ratio Lower Upper
94 100
96 63.5 74.1 111.1#

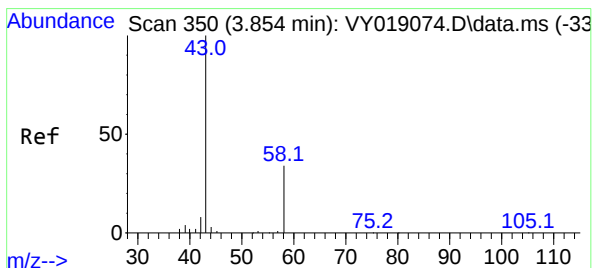
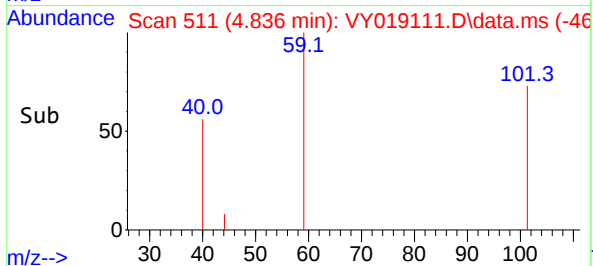
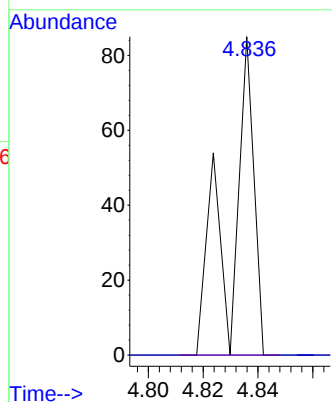
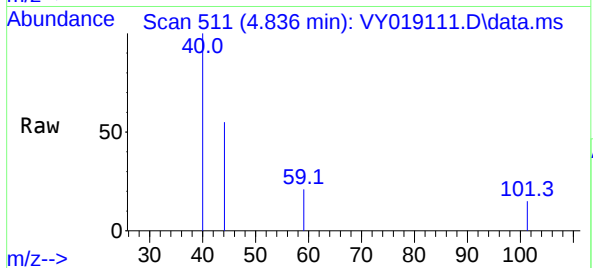




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

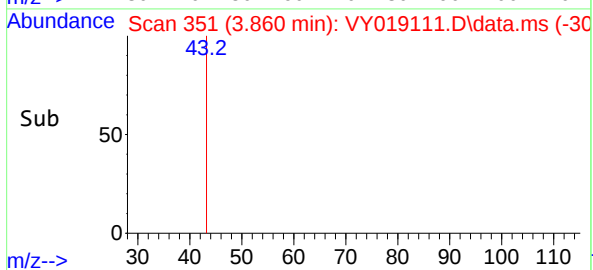
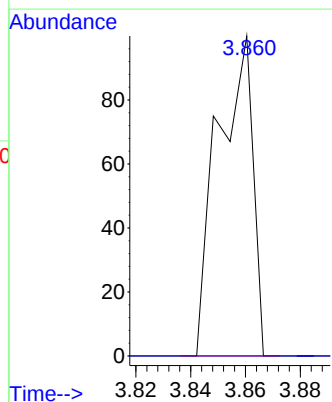
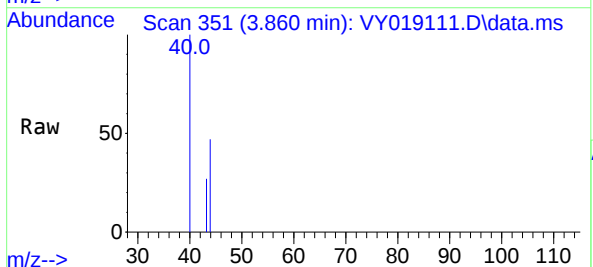
Instrument :
MSVOA_Y
ClientSampleId :

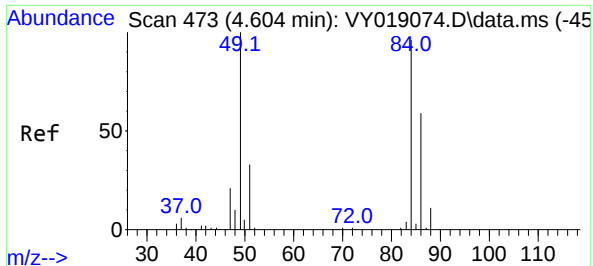
Tgt Ion: 59 Resp: 51
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 1.149 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

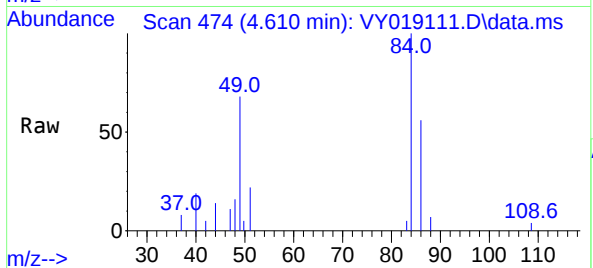
Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





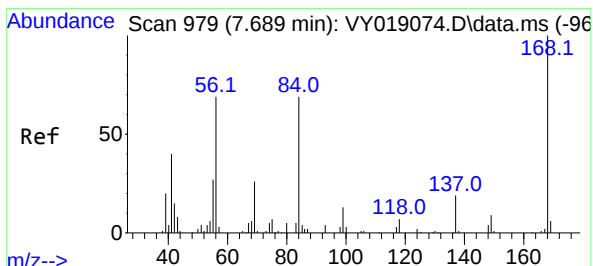
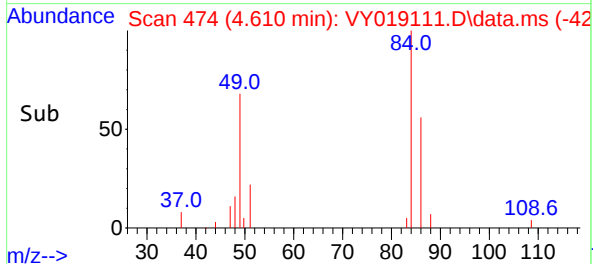
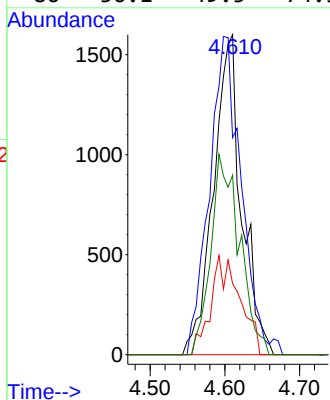
#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 4196

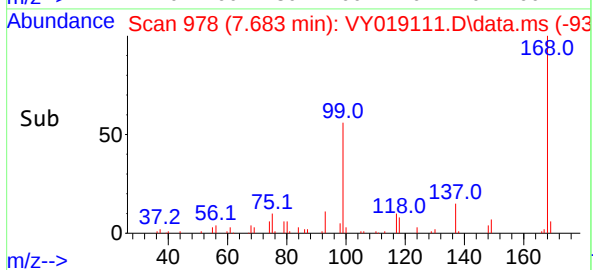
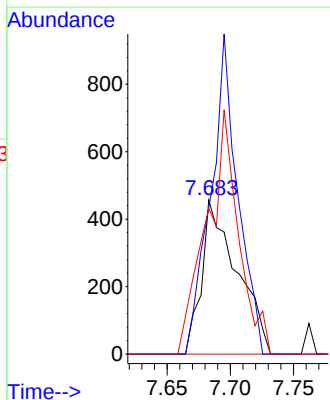
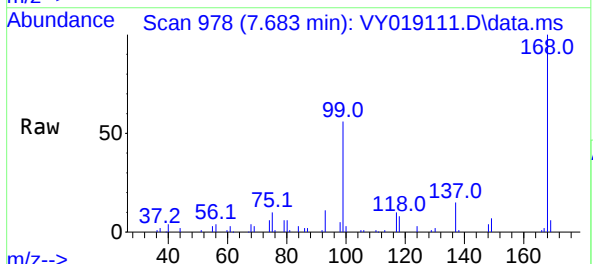
Ion	Ratio	Lower	Upper
84	100		
49	67.8	84.4	126.6#
51	22.2	26.0	39.0#
86	56.1	49.5	74.3

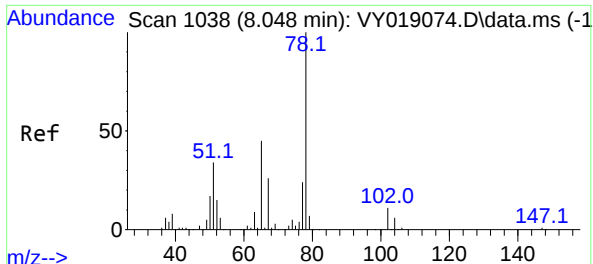


#31
Cyclohexane
Concen: Below Cal
RT: 7.683 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Tgt Ion: 56 Resp: 887

Ion	Ratio	Lower	Upper
56	100		
69	94.7	28.7	43.1#
84	94.5	77.7	116.5

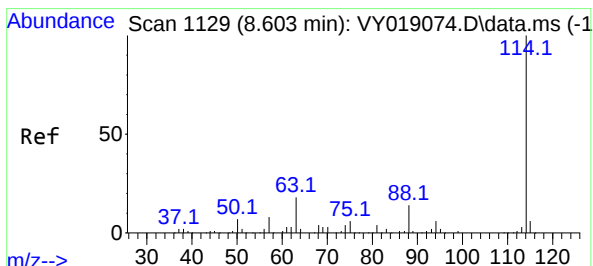
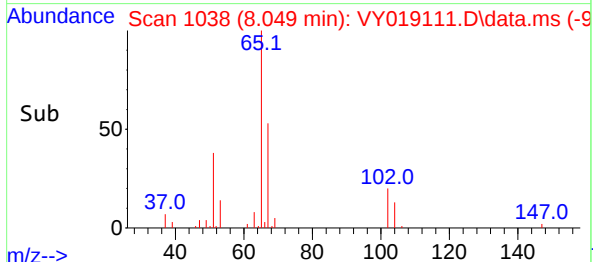
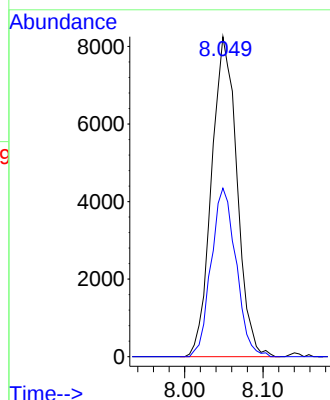
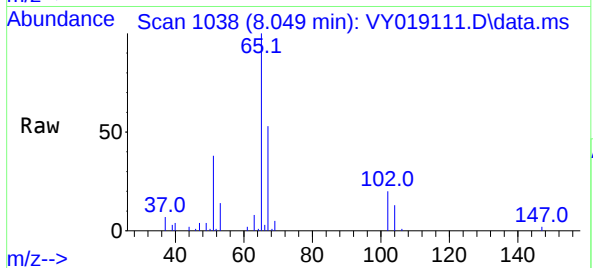




#33
1,2-Dichloroethane-d4
Concen: 44.511 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

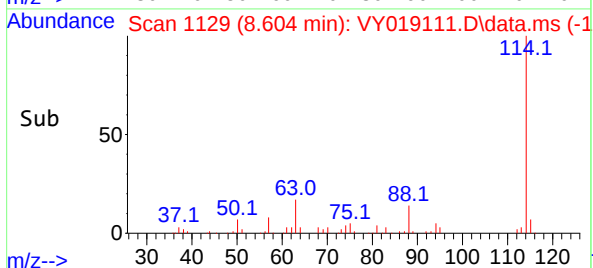
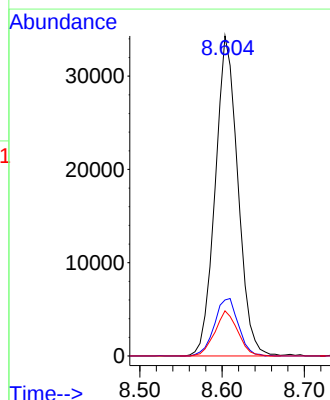
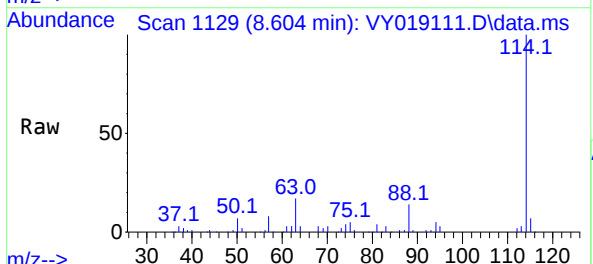
Instrument :
MSVOA_Y
ClientSampleId :

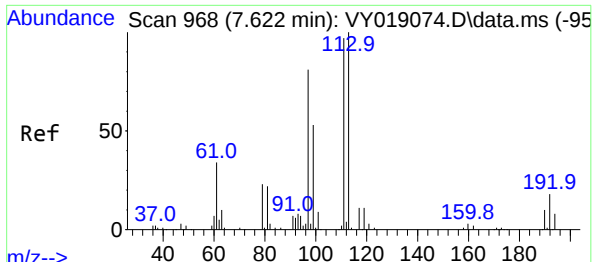
Tgt Ion: 65 Resp: 18591
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.604 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Tgt Ion:114 Resp: 65701
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.838 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.000 min

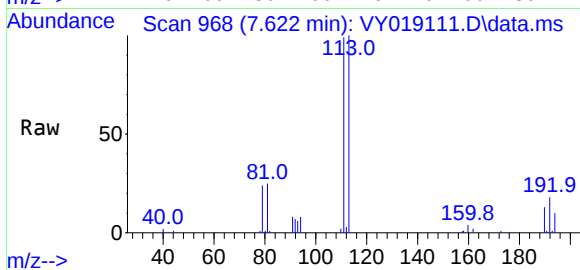
Lab File: VY019111.D

Acq: 19 Aug 2024 12:47

Instrument :

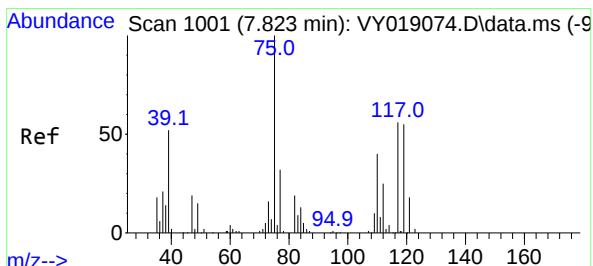
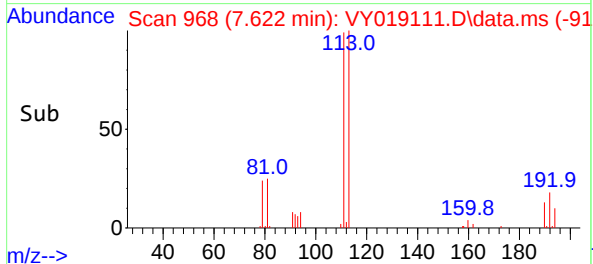
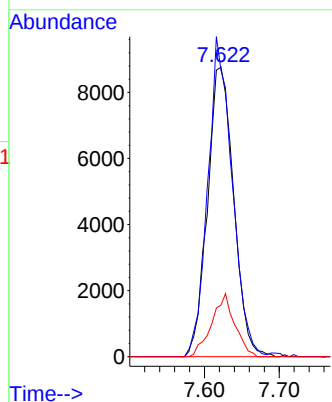
MSVOA_Y

ClientSampleId :



Tgt Ion:113 Resp: 21410

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	19.2	15.9	23.9



#36

1,1-Dichloropropene

Concen: 5.597 ug/l

RT: 7.695 min Scan# 980

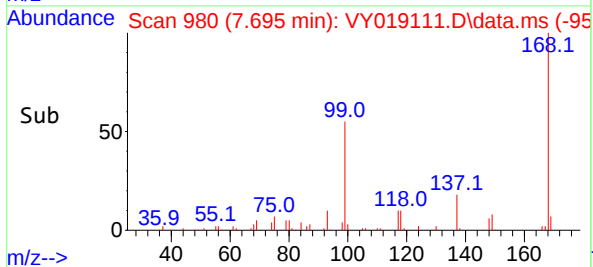
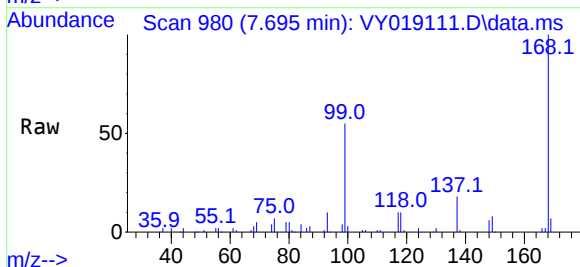
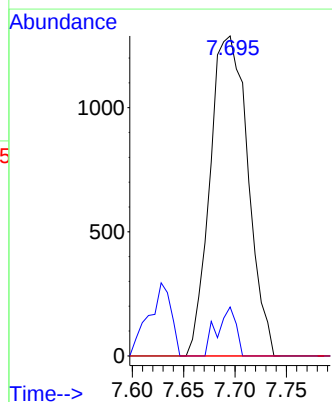
Delta R.T. -0.128 min

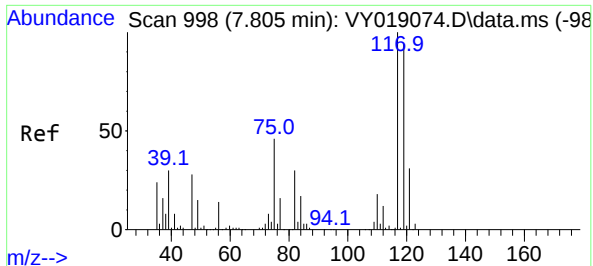
Lab File: VY019111.D

Acq: 19 Aug 2024 12:47

Tgt Ion: 75 Resp: 3302

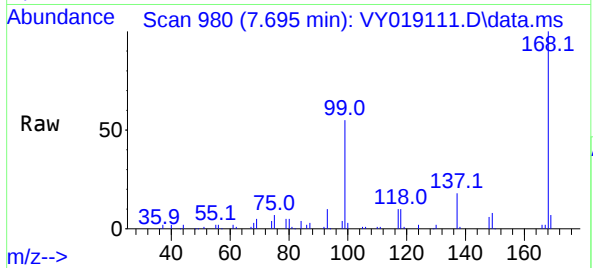
Ion	Ratio	Lower	Upper
75	100		
110	7.6	19.0	57.0#
77	0.0	25.3	37.9#



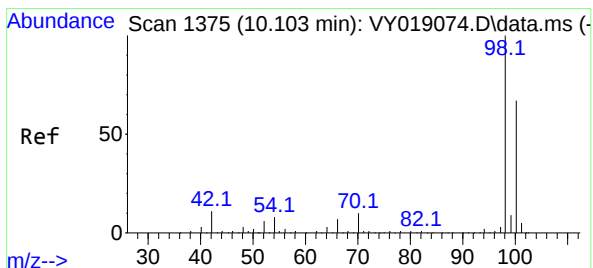
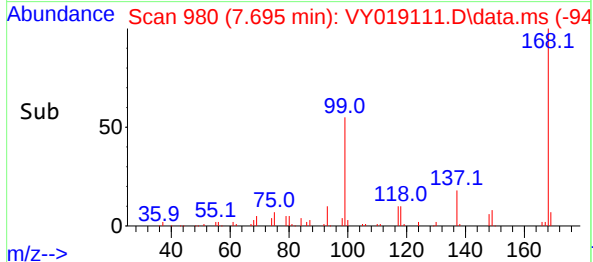
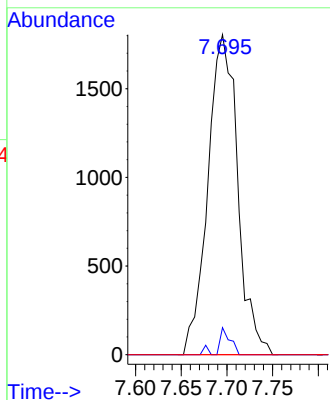


#38
Carbon Tetrachloride
Concen: 5.990 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

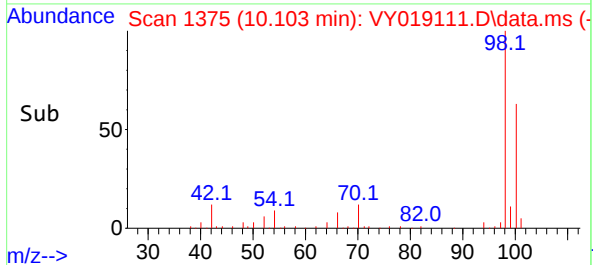
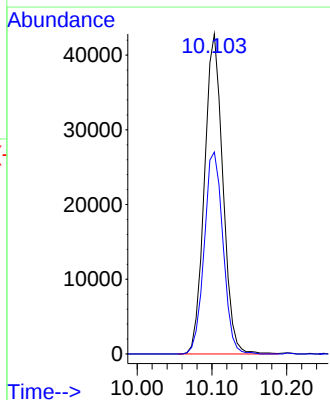
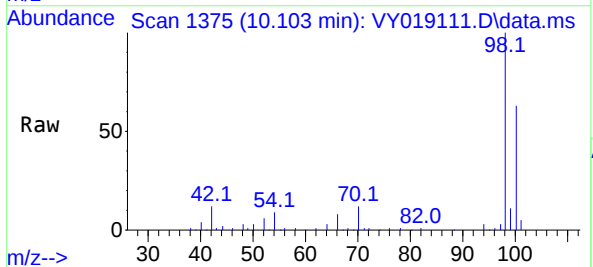


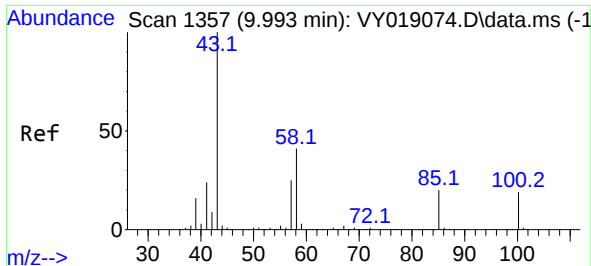
Tgt Ion:117 Resp: 4095
Ion Ratio Lower Upper
117 100
119 8.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.364 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Tgt Ion: 98 Resp: 73222
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.212 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY019111.D

Acq: 19 Aug 2024 12:47

Instrument :

MSVOA_Y

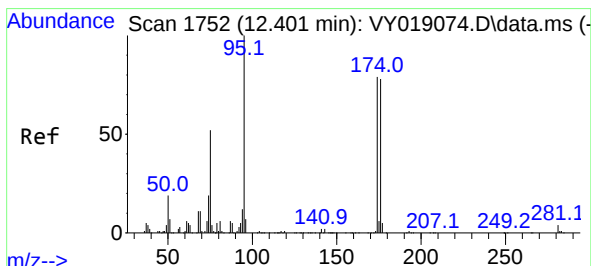
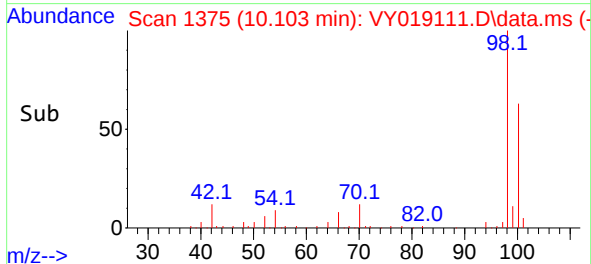
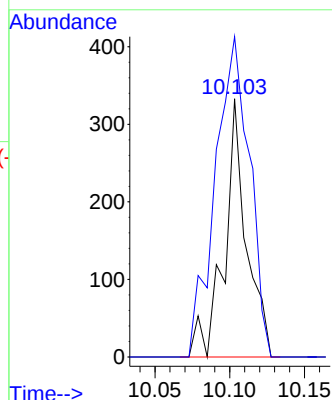
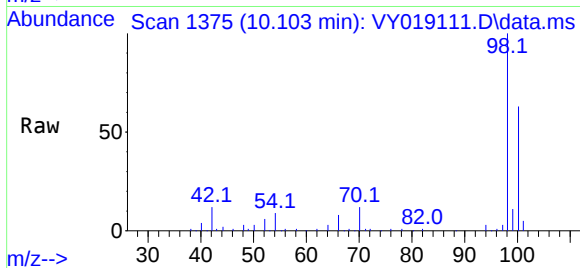
ClientSampleId :

Tgt Ion: 43 Resp: 340

Ion Ratio Lower Upper

43 100

58 193.5 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 35.130 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019111.D

Acq: 19 Aug 2024 12:47

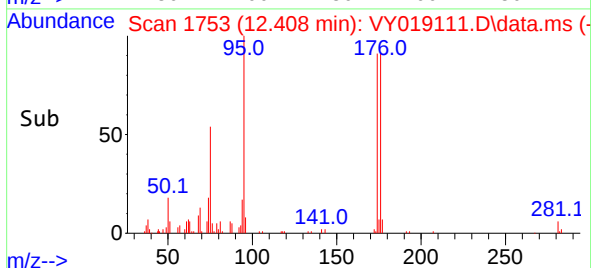
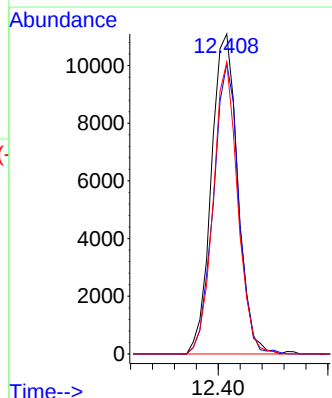
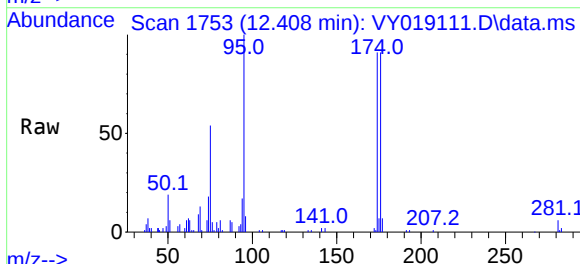
Tgt Ion: 95 Resp: 18514

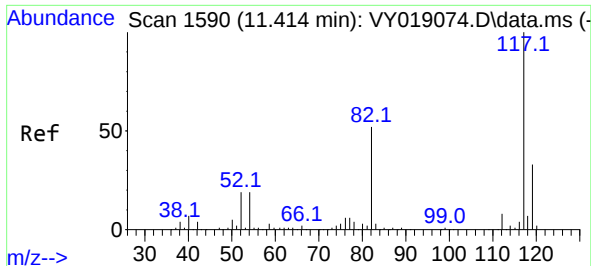
Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 84.5 0.0 171.4

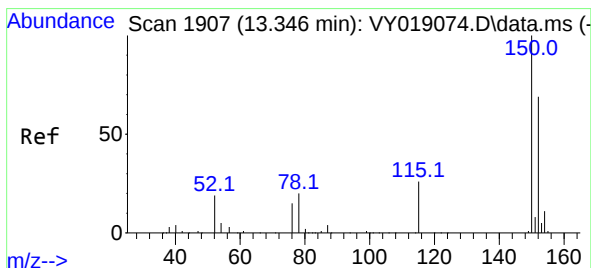
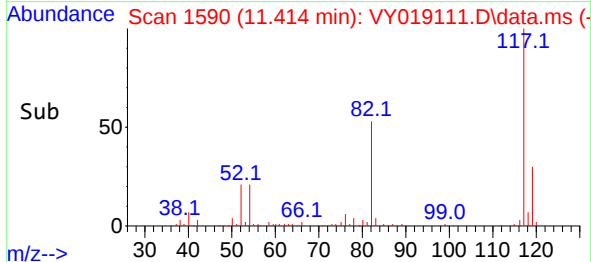
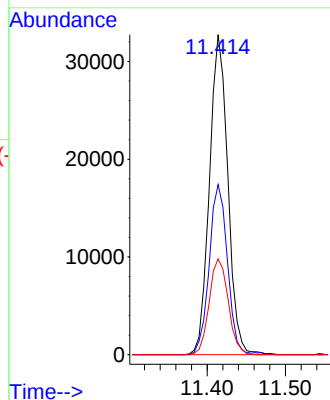
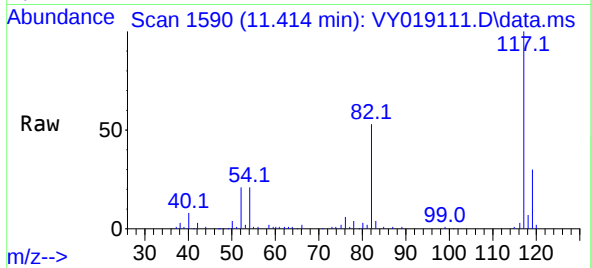




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

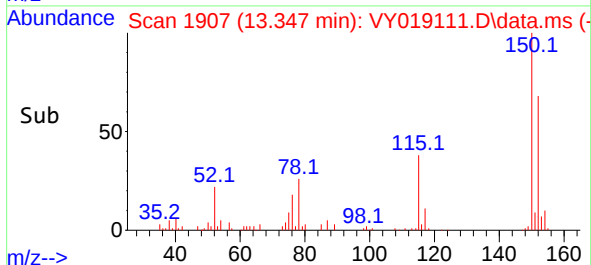
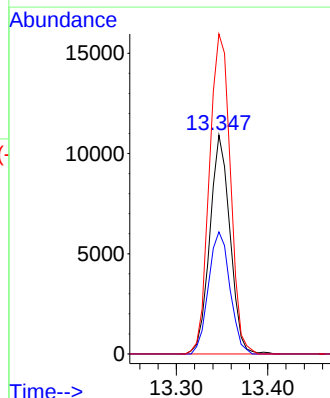
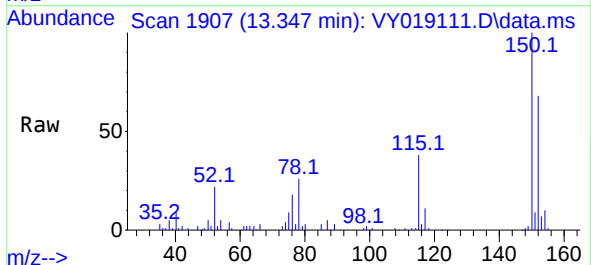
Instrument :
MSVOA_Y
ClientSampleId :

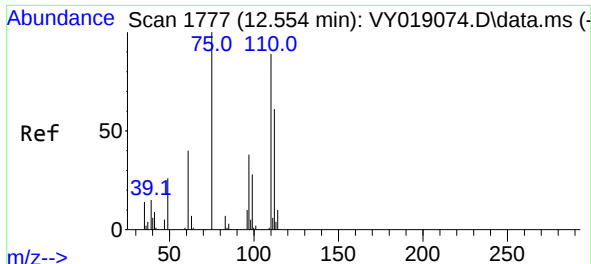
Tgt Ion:	117	Resp:	53354
Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.4	63.6
119	29.9	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

Tgt Ion:	152	Resp:	16762
Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.2	84.7
150	151.6	0.0	345.6

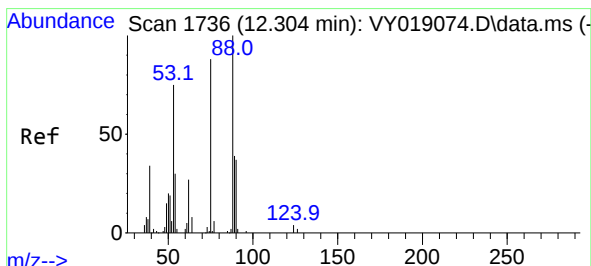
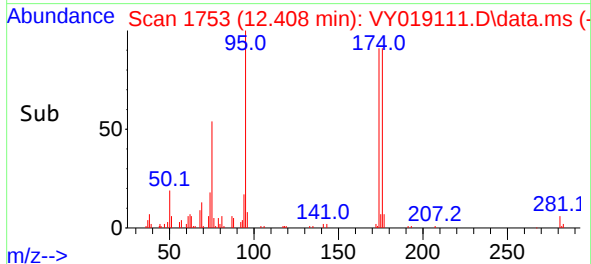
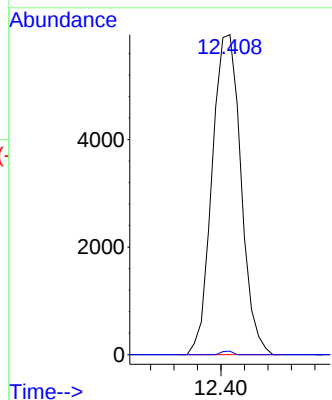
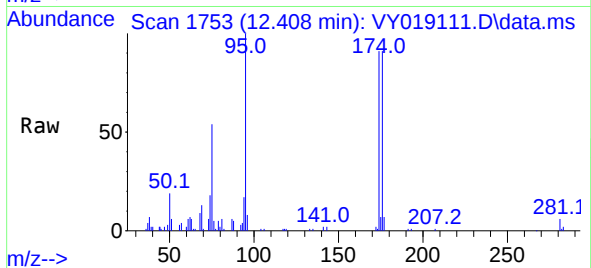




#76
1,2,3-Trichloropropane
Concen: 61.378 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

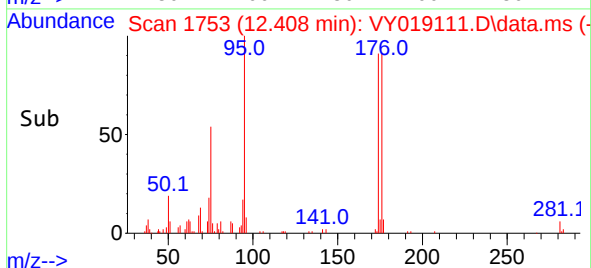
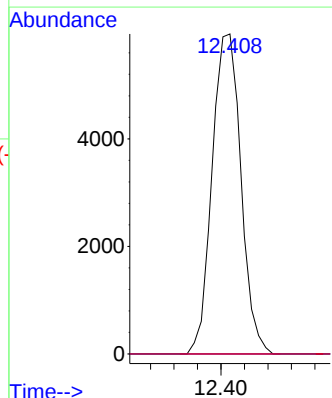
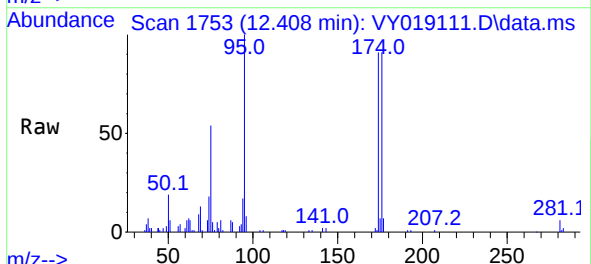
Instrument :
MSVOA_Y
ClientSampleId :

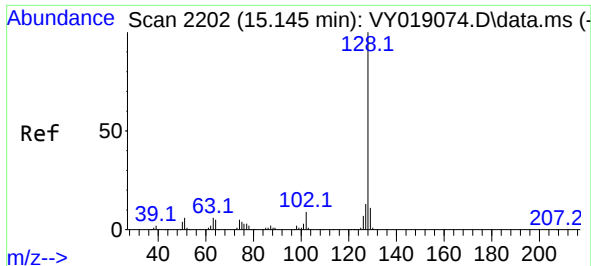
Tgt Ion: 75 Resp: 10146
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.583 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

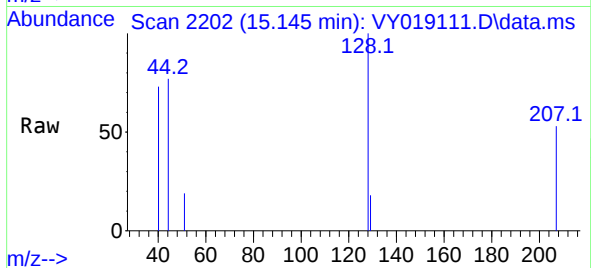
Tgt Ion: 75 Resp: 10146
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



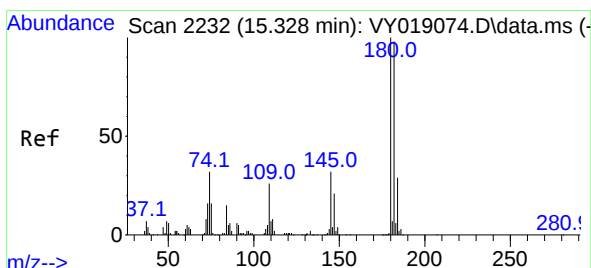
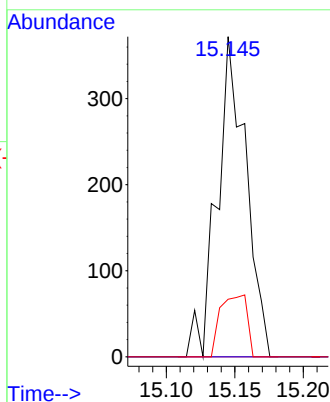
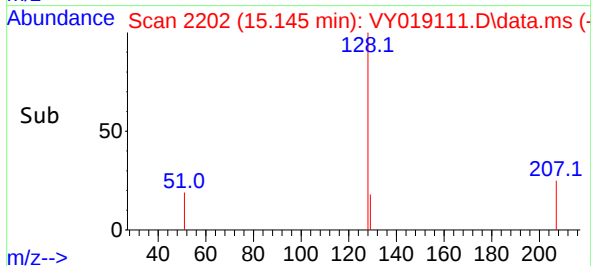


#95
Naphthalene
Concen: 1.016 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47

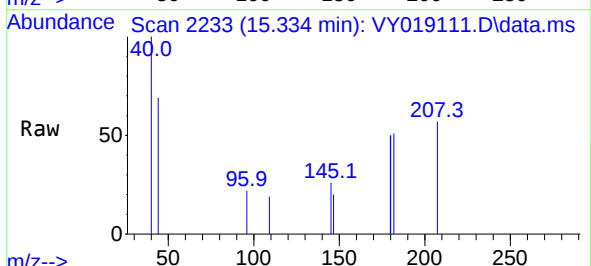
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 547
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 17.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.383 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY019111.D
Acq: 19 Aug 2024 12:47



Tgt Ion:180 Resp: 352
Ion Ratio Lower Upper
180 100
182 76.7 47.6 142.9
145 28.1 15.4 46.1

