

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020188.D
 Acq On : 06 Nov 2024 17:50
 Operator : SY/MD
 Sample : P2708-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:30:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

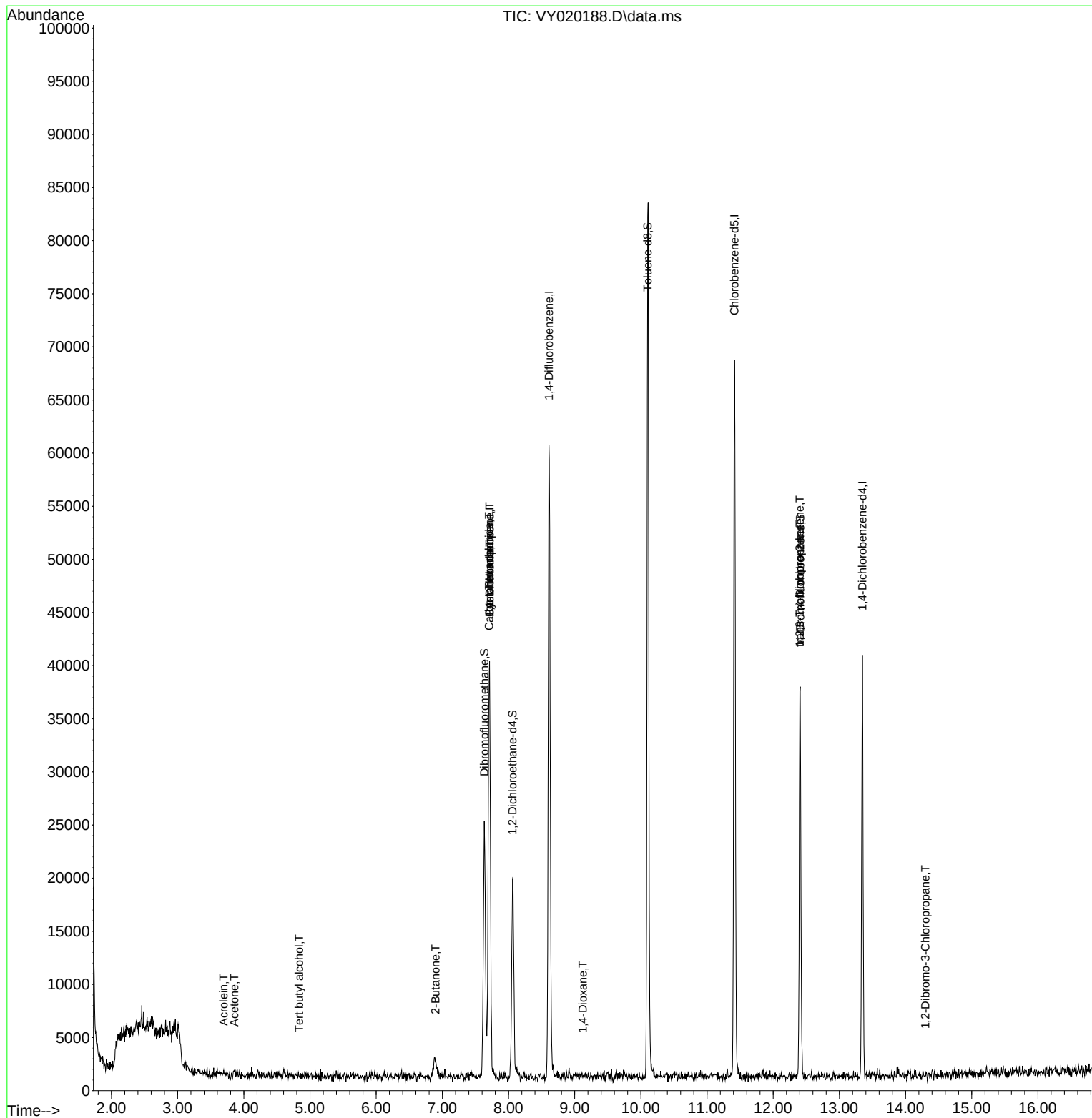
Internal Standards						
1) Pentafluorobenzene	7.713	168	28172	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	47990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	33443	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	8549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	14476	41.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.340%
35) Dibromofluoromethane	7.634	113	15223	49.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.103	98	52553	43.271	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.540%
62) 4-Bromofluorobenzene	12.408	95	11330	28.721	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	57.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	160	6.326	ug/l #	88
13) Acrolein	3.696	56	45	1.429	ug/l #	15
16) Acetone	3.854	43	211	2.580	ug/l	98
25) 2-Butanone	6.896	43	216	1.949	ug/l #	41
31) Cyclohexane	7.713	56	841	1.318	ug/l #	76
36) 1,1-Dichloropropene	7.713	75	3004	6.373	ug/l #	46
38) Carbon Tetrachloride	7.707	117	3133	6.610	ug/l #	19
49) 1,4-Dioxane	9.121	88	19	10.347	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	6497	81.073	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	6497	174.385	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.297	75	59	3.257	ug/l #	1

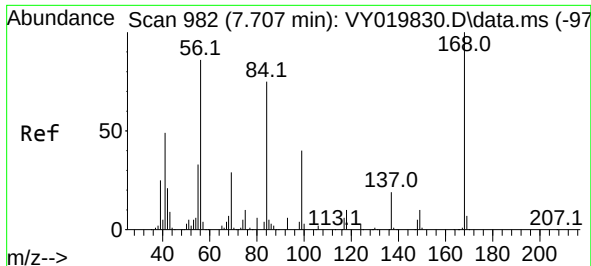
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

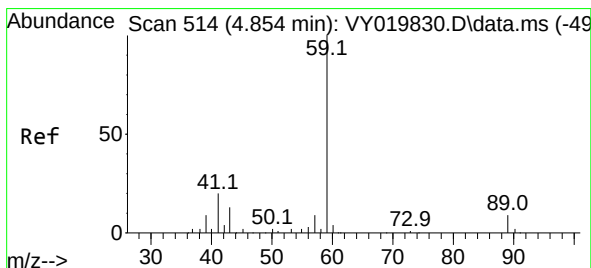
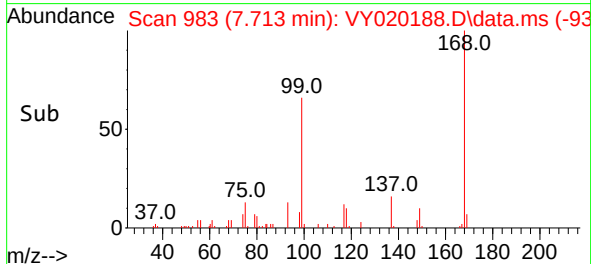
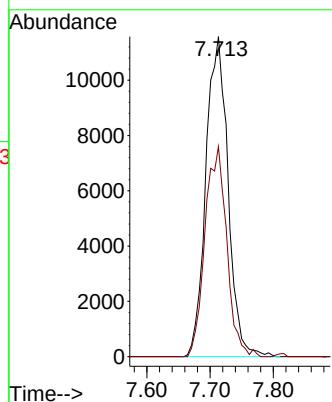
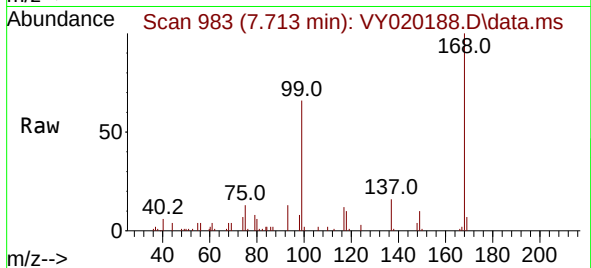




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

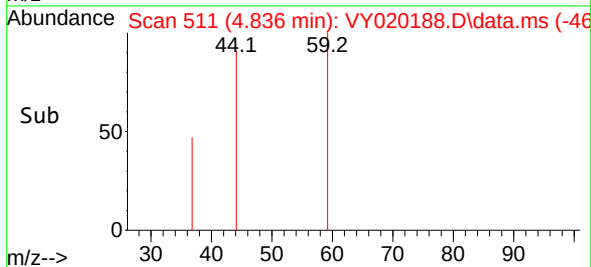
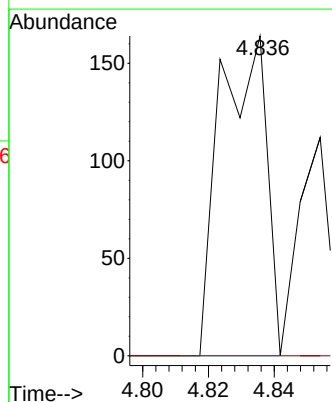
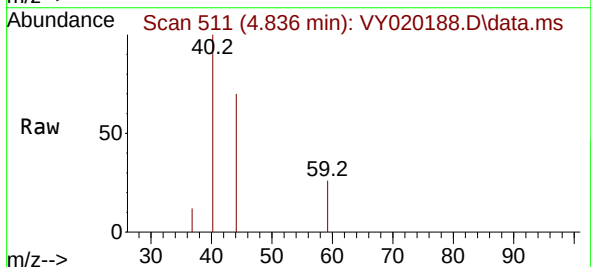
Instrument :
MSVOA_Y
ClientSampleId :

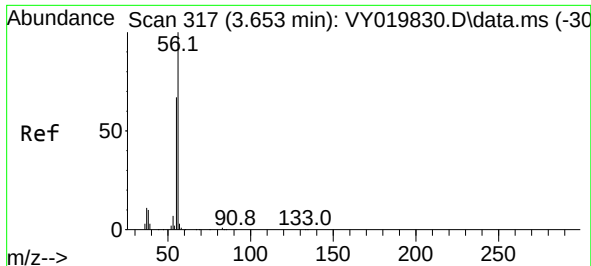
Tgt Ion:168 Resp: 28172
Ion Ratio Lower Upper
168 100
99 65.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: 6.326 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

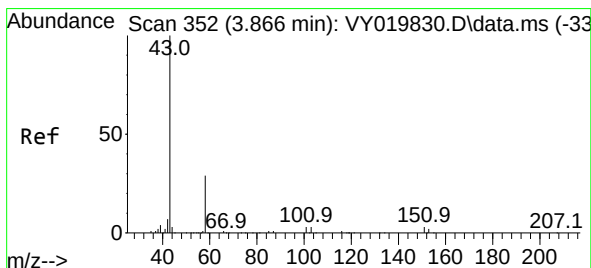
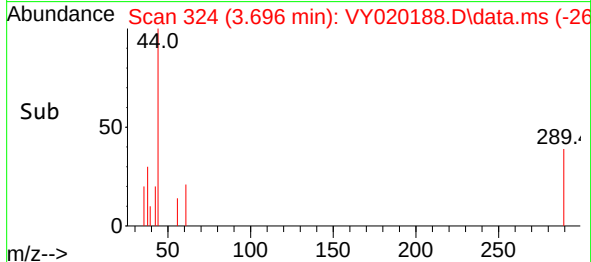
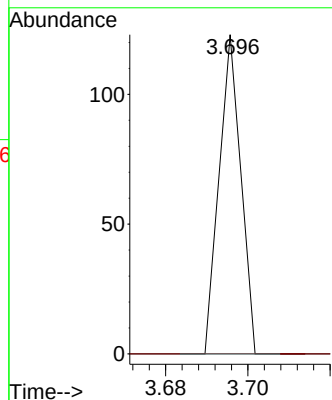
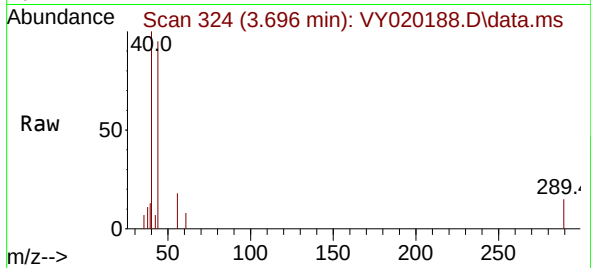




#13
Acrolein
Concen: 1.429 ug/l
RT: 3.696 min Scan# 317
Delta R.T. 0.043 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

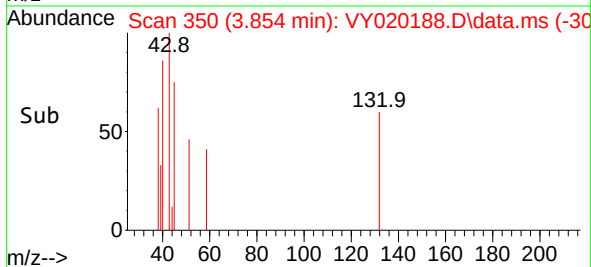
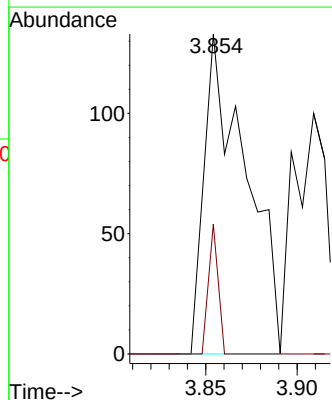
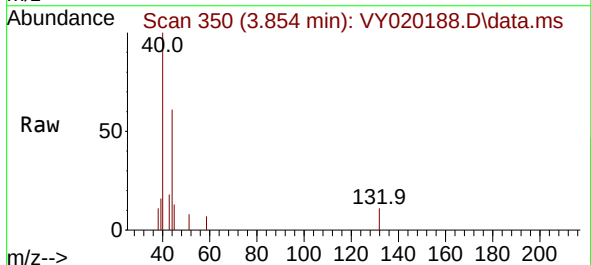
Instrument :
MSVOA_Y
ClientSampleId :

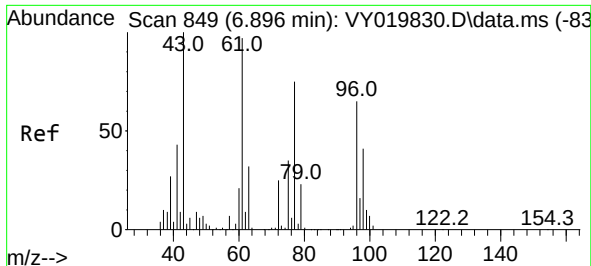
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 2.580 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 40.6 31.7 47.5

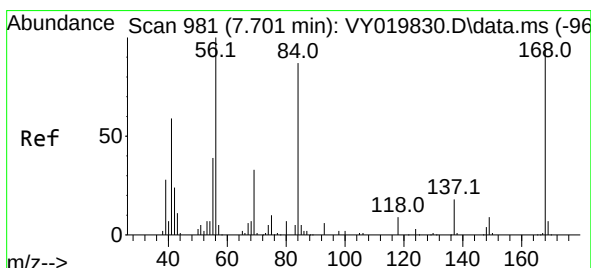
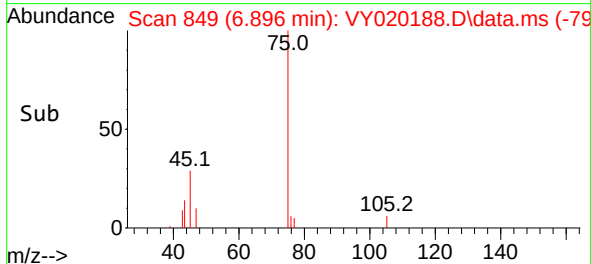
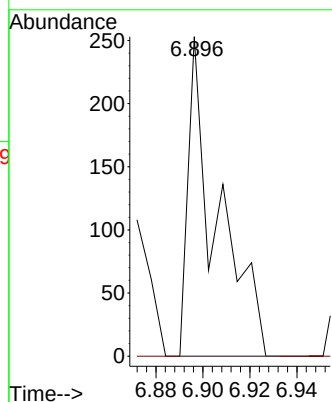
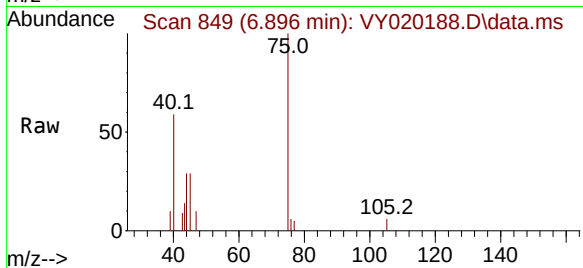




#25
2-Butanone
Concen: 1.949 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

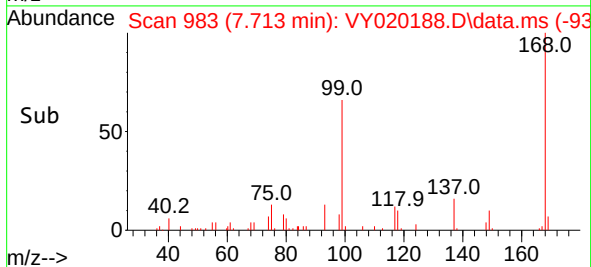
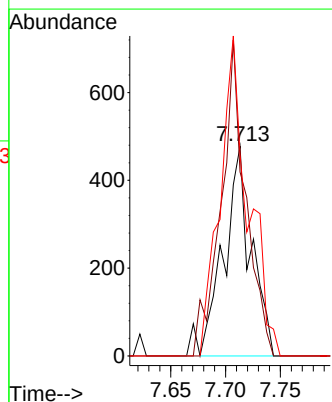
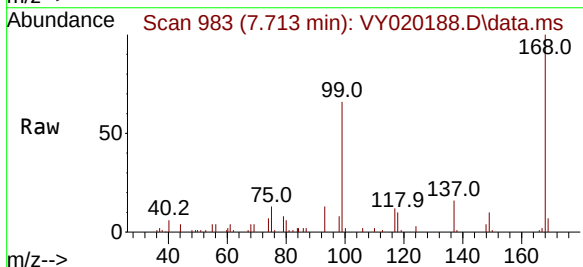
Instrument :
MSVOA_Y
ClientSampleId :

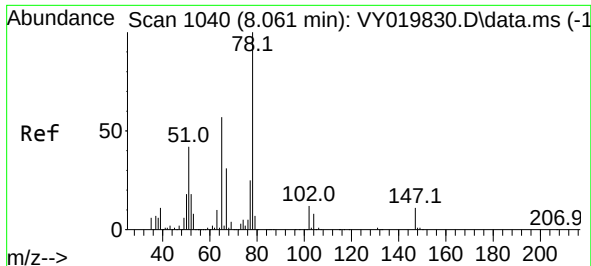
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

Tgt Ion: 56 Resp: 841
Ion Ratio Lower Upper
56 100
69 87.7 28.7 43.1#
84 96.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 41.171 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020188.D

Acq: 06 Nov 2024 17:50

Instrument :

MSVOA_Y

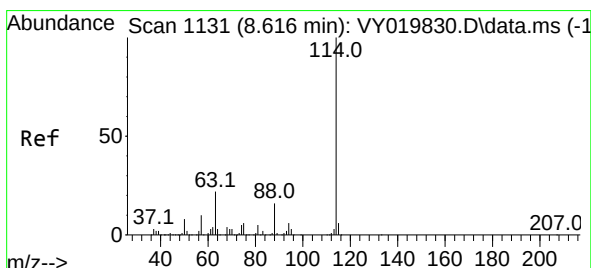
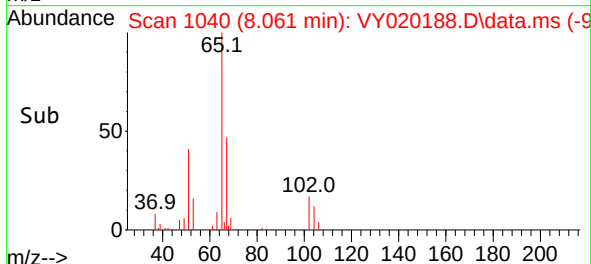
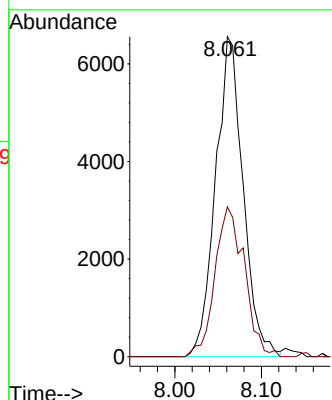
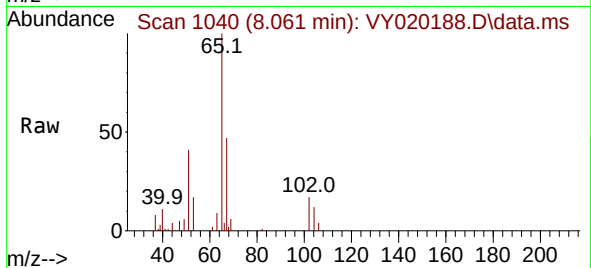
ClientSampleId :

Tgt Ion: 65 Resp: 14476

Ion Ratio Lower Upper

65 100

67 50.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY020188.D

Acq: 06 Nov 2024 17:50

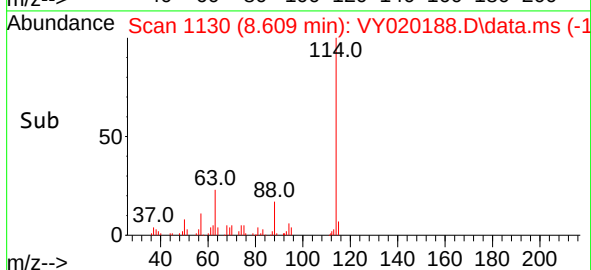
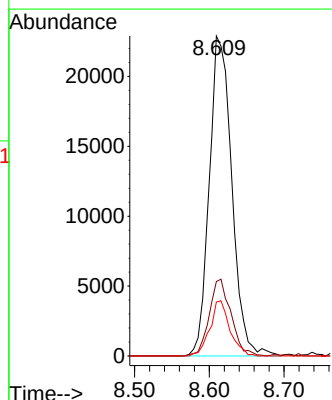
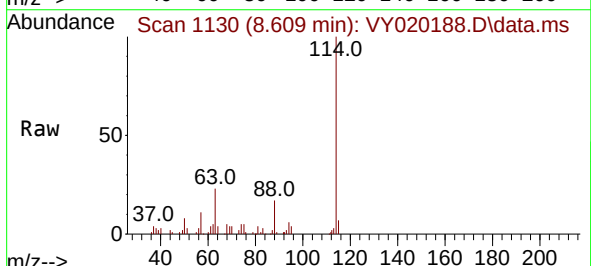
Tgt Ion: 114 Resp: 47990

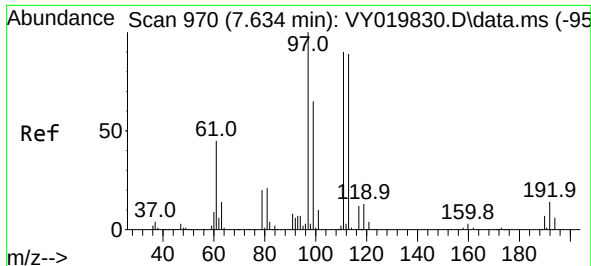
Ion Ratio Lower Upper

114 100

63 23.2 0.0 35.0

88 16.8 0.0 27.2

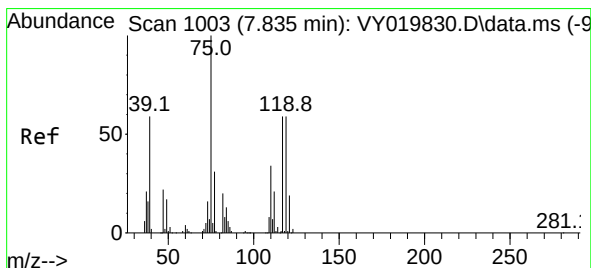
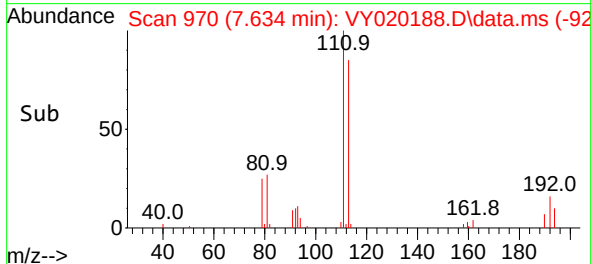
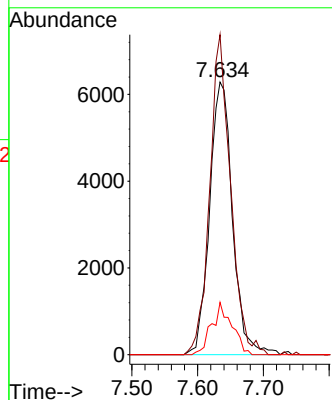
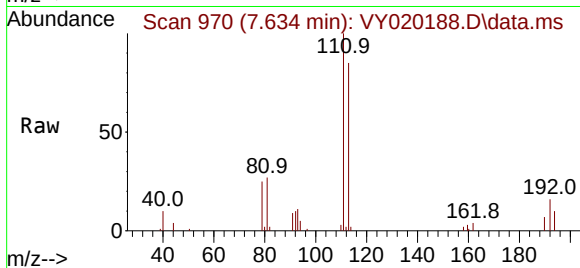




#35
Dibromofluoromethane
Concen: 49.892 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

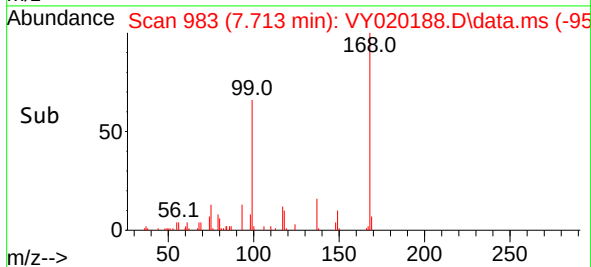
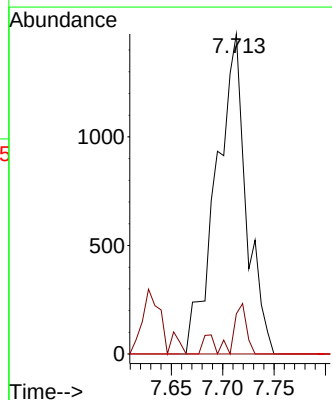
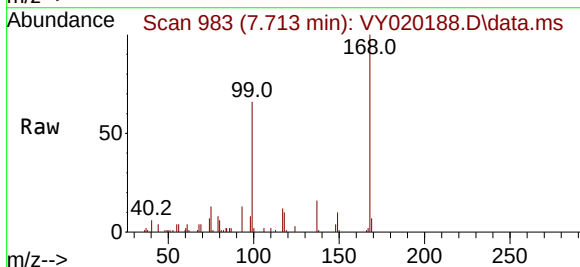
Instrument :
MSVOA_Y
ClientSampleId :

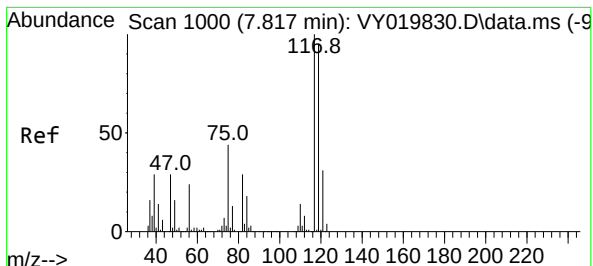
Tgt Ion:113 Resp: 15223
Ion Ratio Lower Upper
113 100
111 107.0 82.2 123.4
192 17.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.373 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

Tgt Ion: 75 Resp: 3004
Ion Ratio Lower Upper
75 100
110 6.6 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.610 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

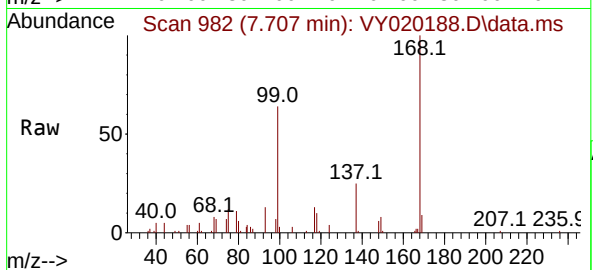
Lab File: VY020188.D

Acq: 06 Nov 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :



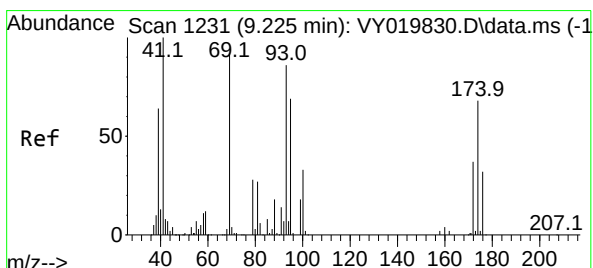
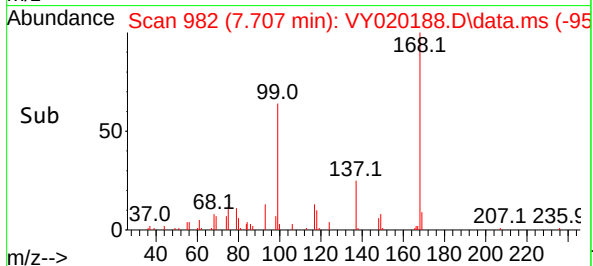
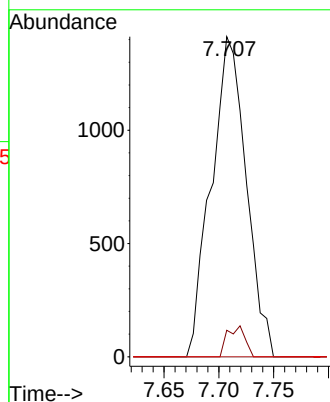
Tgt Ion:117 Resp: 3133

Ion Ratio Lower Upper

117 100

119 8.3 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 10.347 ug/l

RT: 9.121 min Scan# 1214

Delta R.T. -0.110 min

Lab File: VY020188.D

Acq: 06 Nov 2024 17:50

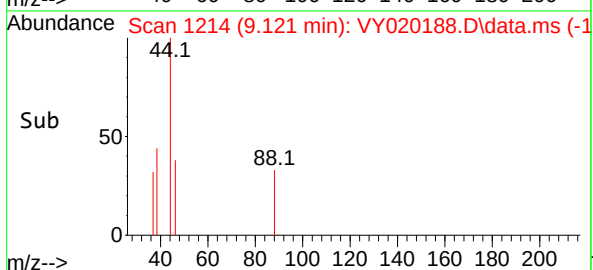
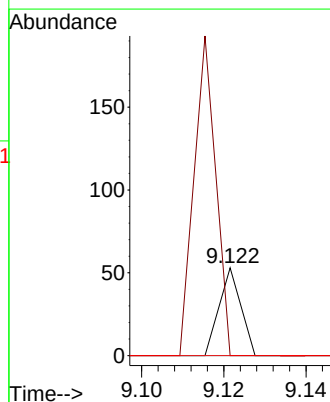
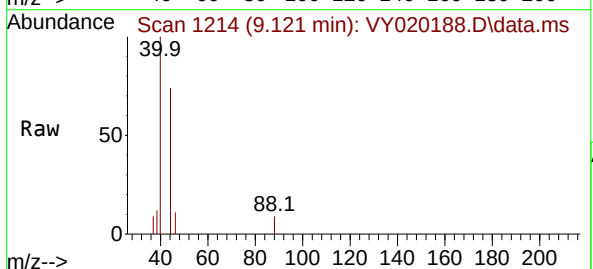
Tgt Ion: 88 Resp: 19

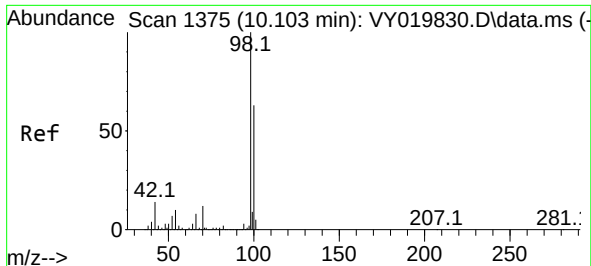
Ion Ratio Lower Upper

88 100

43 373.7 0.0 0.0#

58 0.0 49.3 73.9#

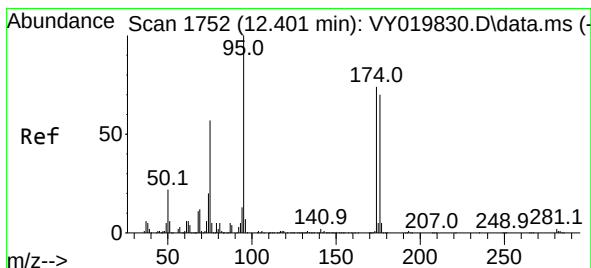
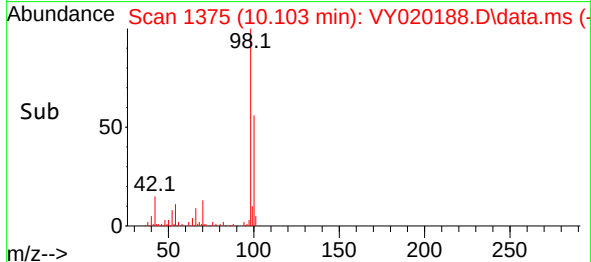
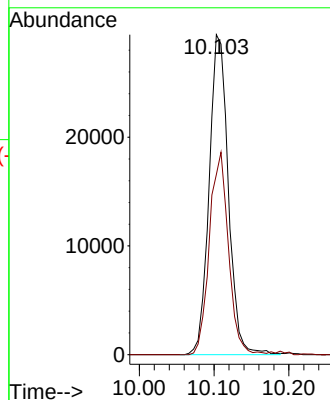
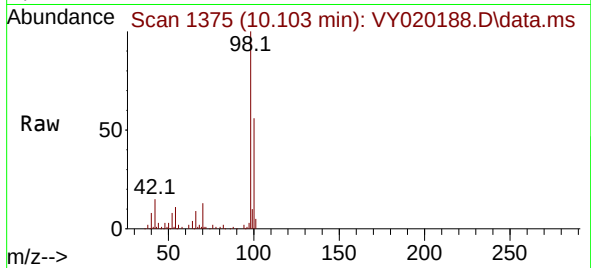




#50
Toluene-d8
Concen: 43.271 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

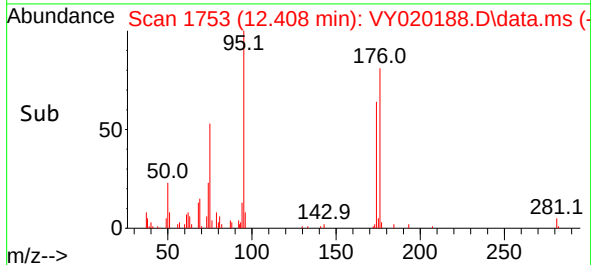
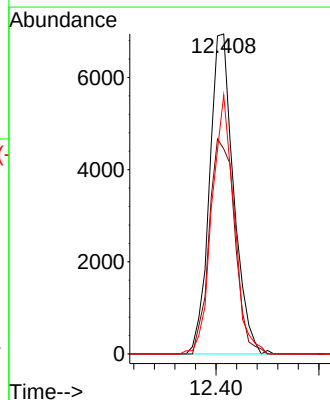
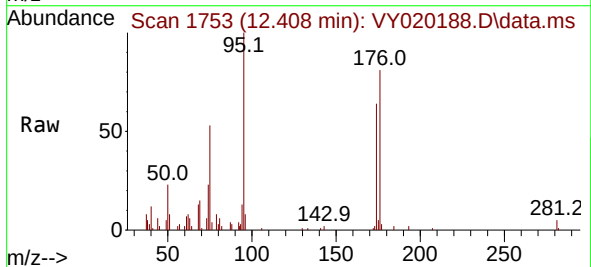
Instrument :
MSVOA_Y
ClientSampleId :

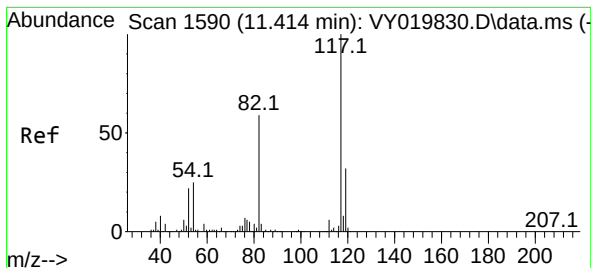
Tgt Ion: 98 Resp: 52553
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.721 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

Tgt Ion: 95 Resp: 11330
Ion Ratio Lower Upper
95 100
174 71.4 0.0 175.6
176 74.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY020188.D

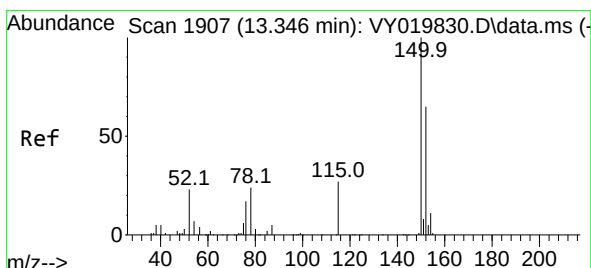
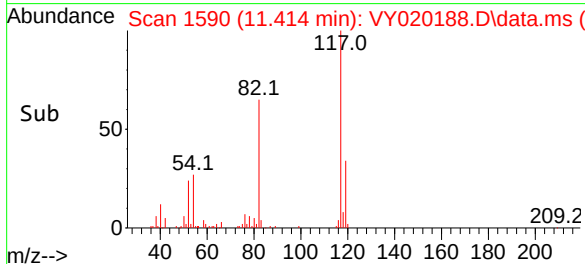
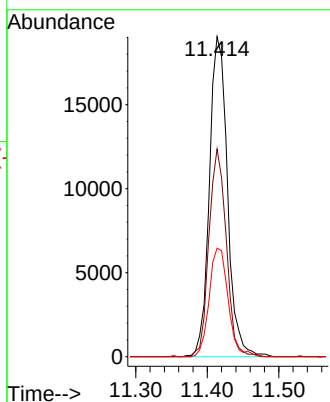
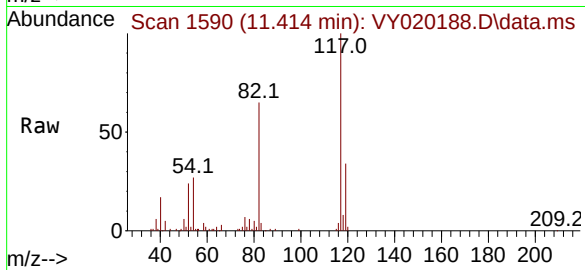
Acq: 06 Nov 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	33443
Ion Ratio	Lower	Upper
117	100	
82	64.9	42.4 63.6#
119	33.9	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

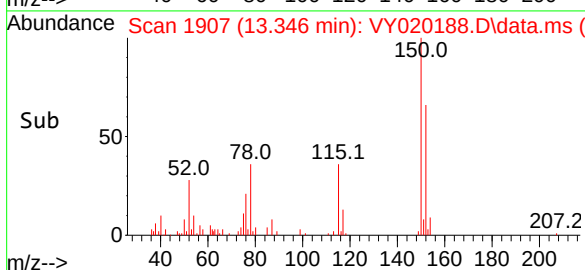
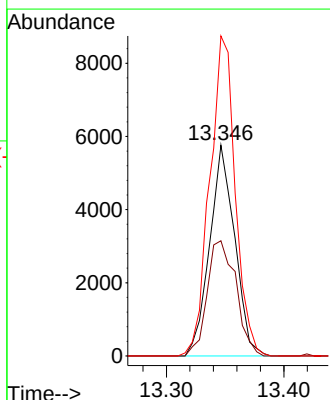
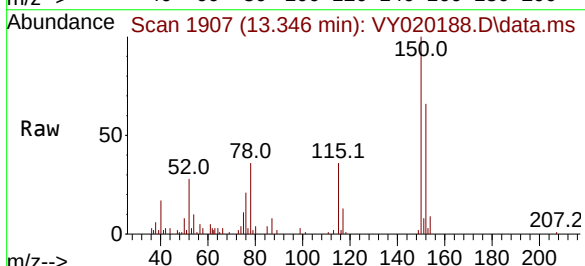
RT: 13.346 min Scan# 1907

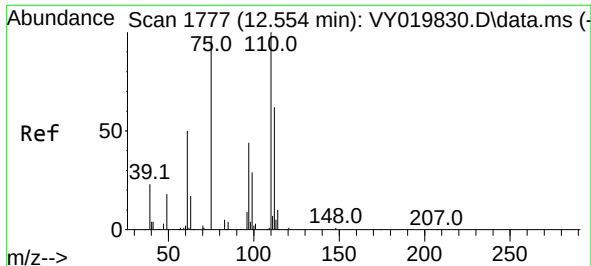
Delta R.T. 0.000 min

Lab File: VY020188.D

Acq: 06 Nov 2024 17:50

Tgt Ion:152	Resp:	8549
Ion Ratio	Lower	Upper
152	100	
115	62.7	28.2 84.7
150	154.3	0.0 345.6

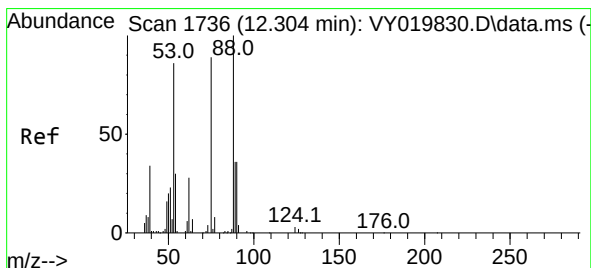
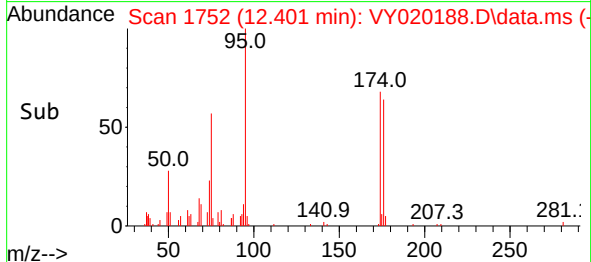
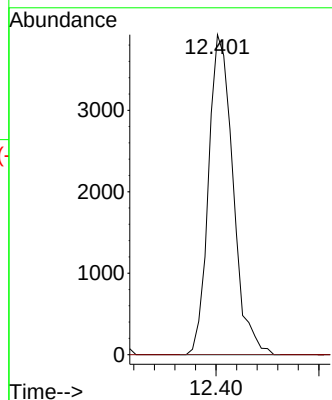
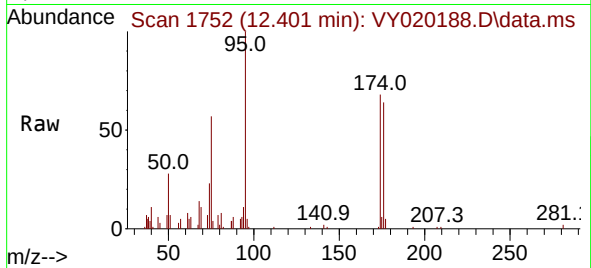




#76
1,2,3-Trichloropropane
Concen: 81.073 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

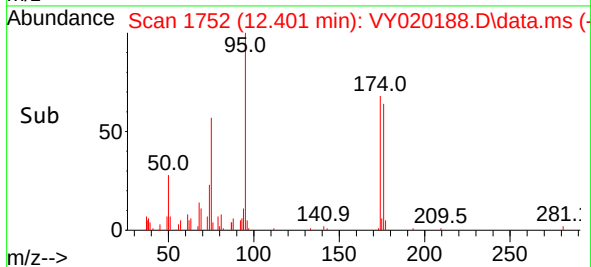
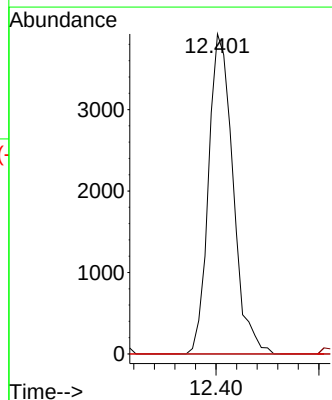
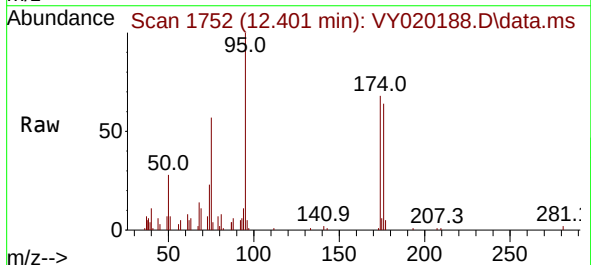
Instrument :
MSVOA_Y
ClientSampleId :

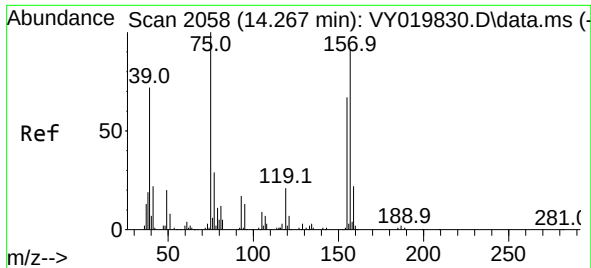
Tgt Ion: 75 Resp: 6497
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 174.385 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020188.D
Acq: 06 Nov 2024 17:50

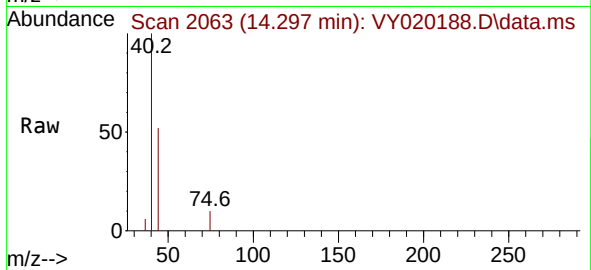
Tgt Ion: 75 Resp: 6497
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.257 ug/l
 RT: 14.297 min Scan# 2058
 Delta R.T. 0.025 min
 Lab File: VY020188.D
 Acq: 06 Nov 2024 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	59
Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.6	145.8#
157	0.0	62.7	188.2#

