

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010066.D
 Acq On : 17 Aug 2022 14:18
 Operator : KP/MD
 Sample : N4191-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-367

Quant Time: Aug 18 08:19:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

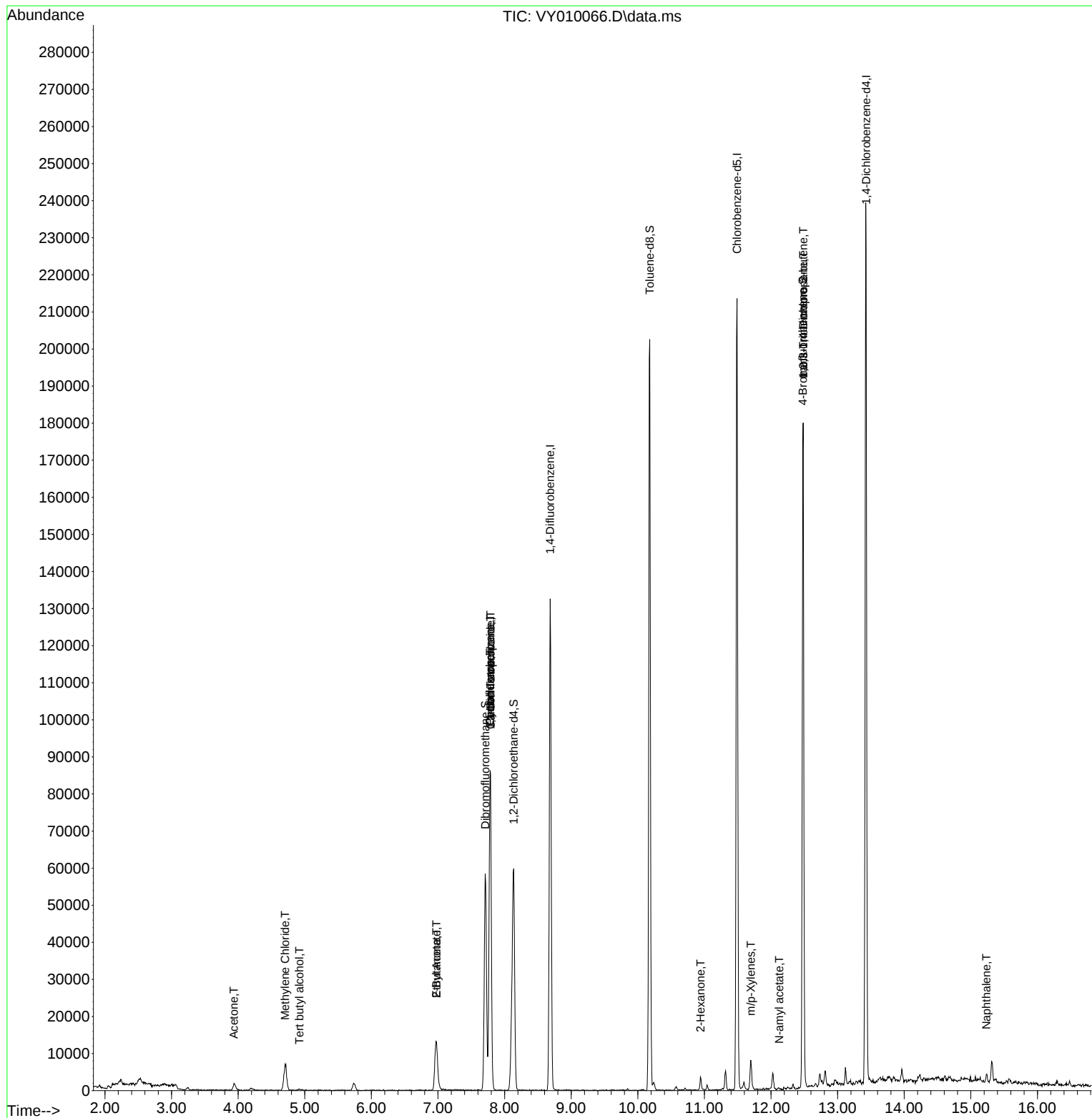
Internal Standards						
1) Pentafluorobenzene	7.783	168	73087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40676	55.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.320%
35) Dibromofluoromethane	7.710	113	39958	53.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.179	98	134801	48.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.477	95	52677	54.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.918	59	211	2.969	ug/l #	74
16) Acetone	3.936	43	3339	21.332	ug/l #	89
20) Methylene Chloride	4.704	84	5085	3.916	ug/l #	93
25) 2-Butanone	6.978	43	754	3.521	ug/l #	48
31) Cyclohexane	7.783	56	1299	1.258	ug/l #	12
36) 1,1-Dichloropropene	7.789	75	4948	4.734	ug/l #	51
37) Ethyl Acetate	6.978	43	754	1.433	ug/l #	1
38) Carbon Tetrachloride	7.789	117	6740	5.244	ug/l #	17
59) 2-Hexanone	10.941	43	60	24.284	ug/l #	26
68) m/p-Xylenes	11.697	106	2392	1.424	ug/l	100
74) N-amyl acetate	12.124	43	61	4.733	ug/l #	8
76) 1,2,3-Trichloropropane	12.483	75	26714	45.169	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26714	102.077	ug/l #	12
95) Naphthalene	15.233	128	2019	1.017	ug/l #	87

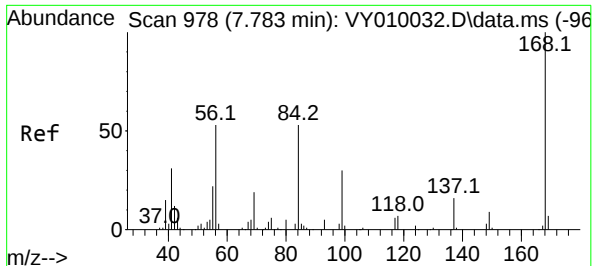
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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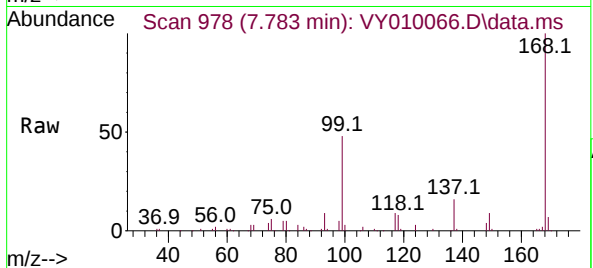
Quant Time: Aug 18 08:19:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
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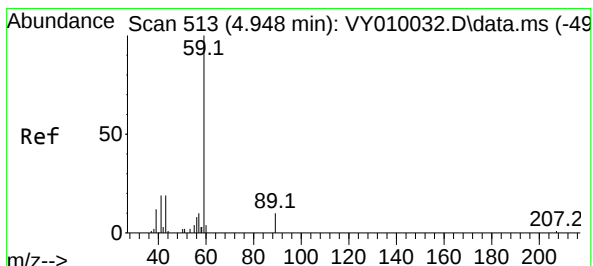
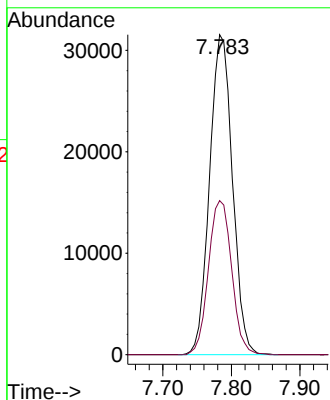
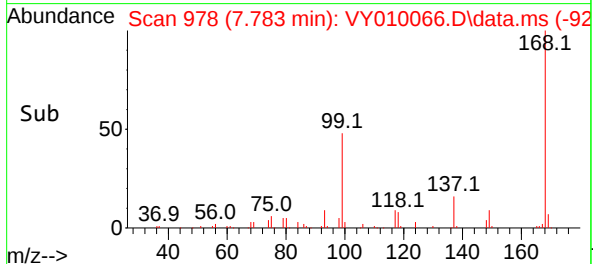


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
RO-367

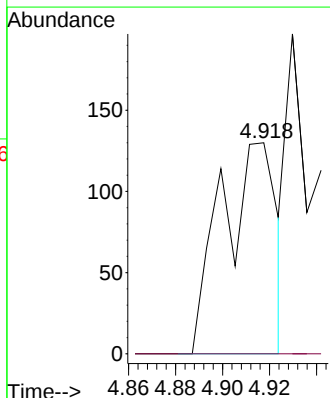
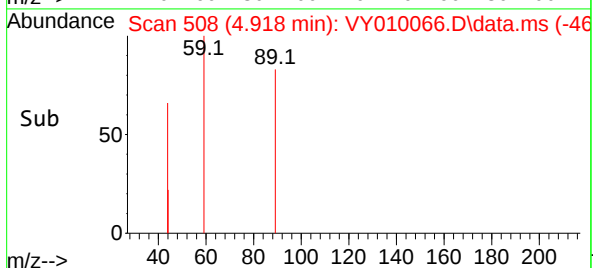
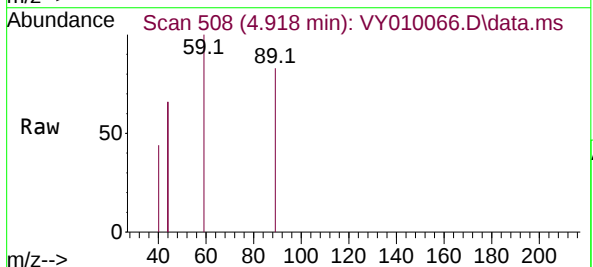


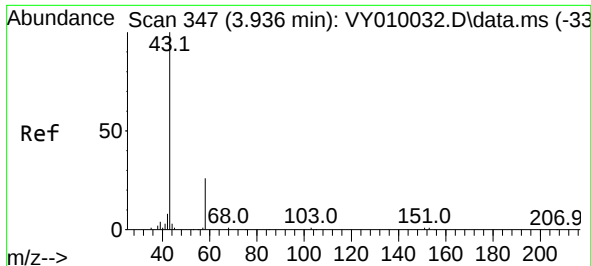
Tgt Ion:168 Resp: 73087
Ion Ratio Lower Upper
168 100
99 48.1 37.7 56.5



#11
Tert butyl alcohol
Concen: 2.969 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

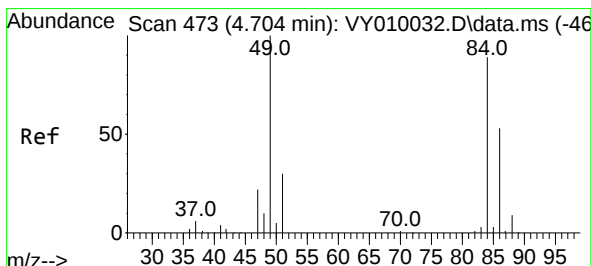
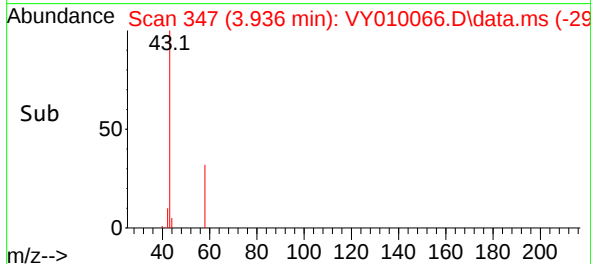
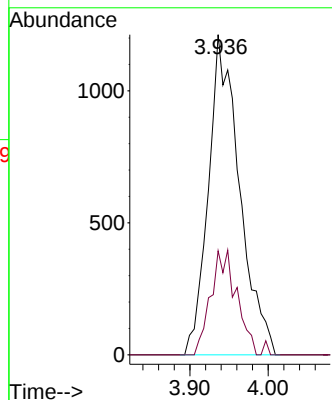
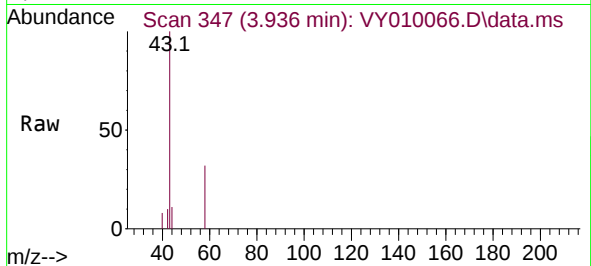




#16
Acetone
Concen: 21.332 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

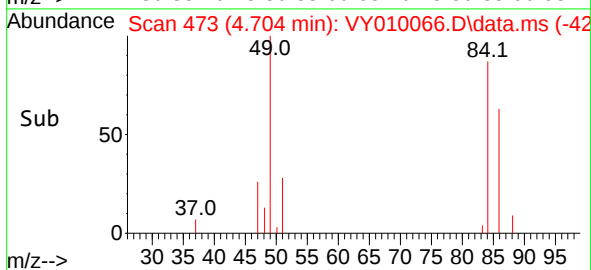
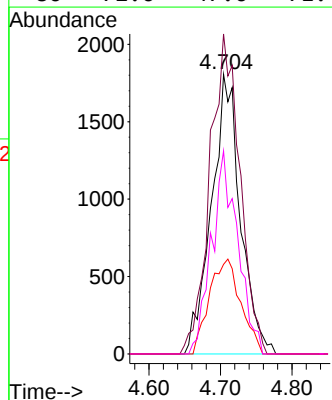
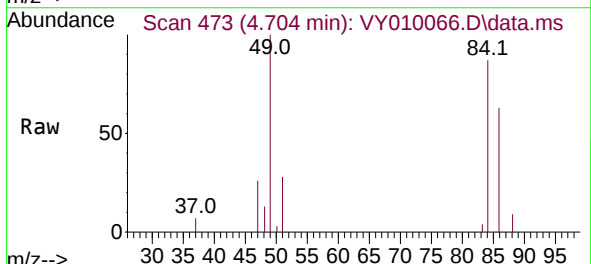
Instrument :
MSVOA_Y
ClientSampleId :
RO-367

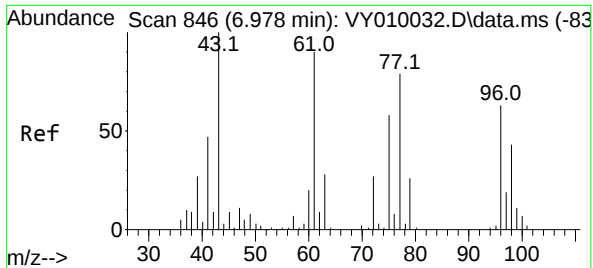
Tgt Ion: 43 Resp: 3339
Ion Ratio Lower Upper
43 100
58 32.5 21.4 32.0#



#20
Methylene Chloride
Concen: 3.916 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 84 Resp: 5085
Ion Ratio Lower Upper
84 100
49 114.4 89.5 134.3
51 32.0 26.8 40.2
86 72.6 47.6 71.4#

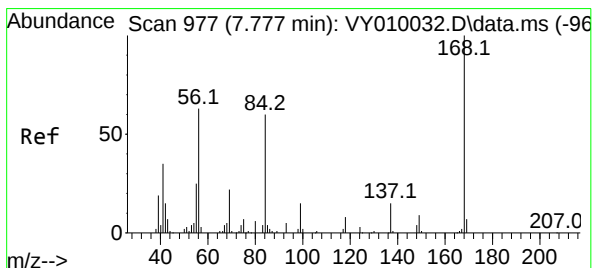
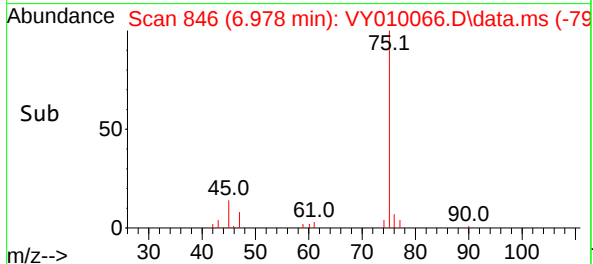
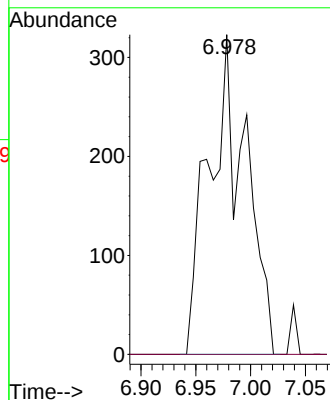
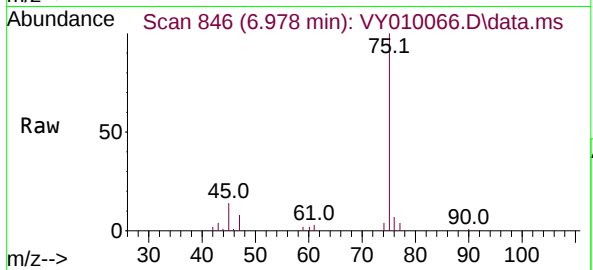




#25
2-Butanone
Concen: 3.521 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

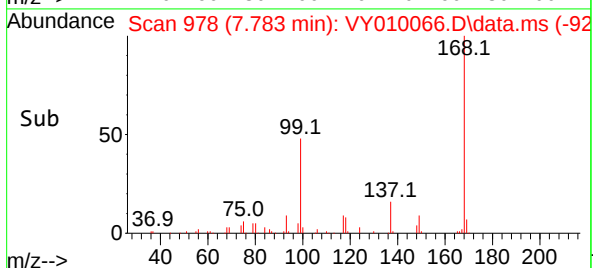
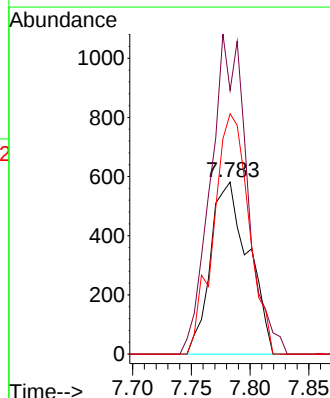
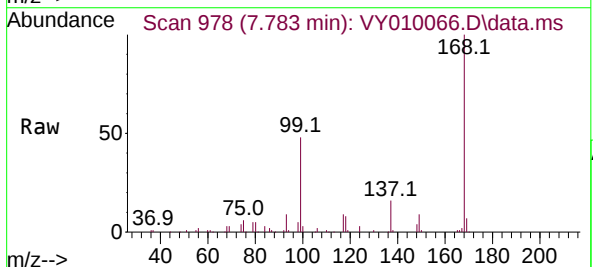
Instrument :
MSVOA_Y
ClientSampleId :
RO-367

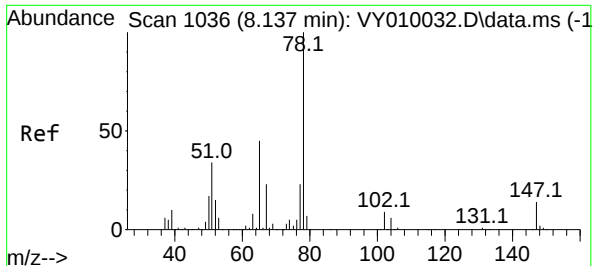
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 56 Resp: 1299
Ion Ratio Lower Upper
56 100
69 153.4 28.6 43.0#
84 139.8 76.0 114.0#





#33

1,2-Dichloroethane-d4

Concen: 55.662 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010066.D

Acq: 17 Aug 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

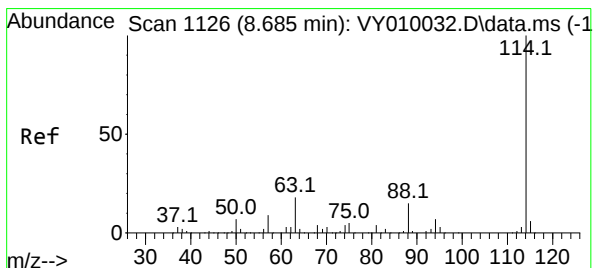
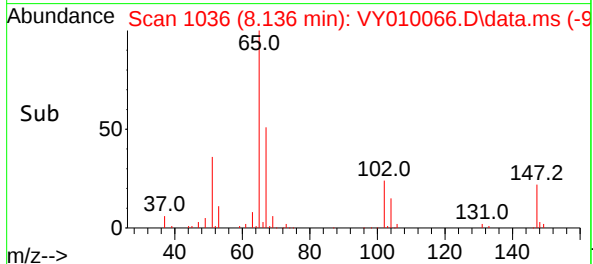
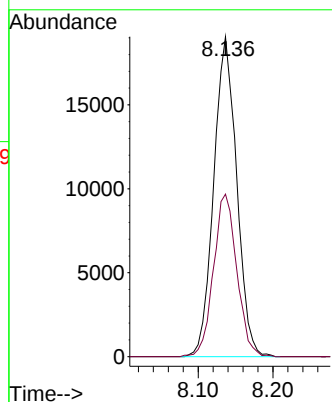
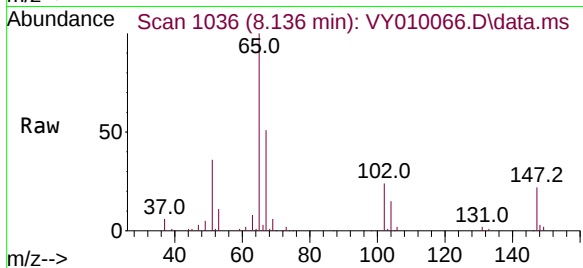
RO-367

Tgt Ion: 65 Resp: 40676

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010066.D

Acq: 17 Aug 2022 14:18

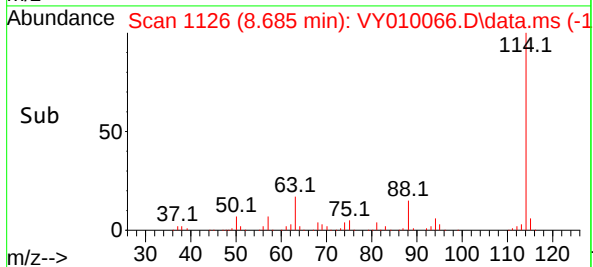
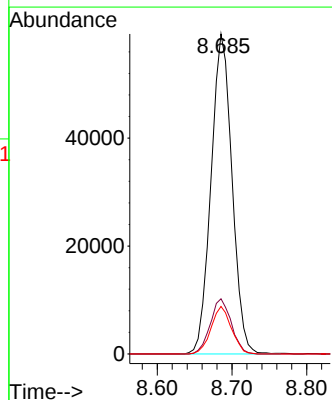
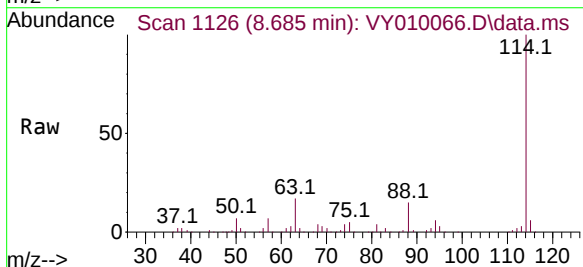
Tgt Ion:114 Resp: 115688

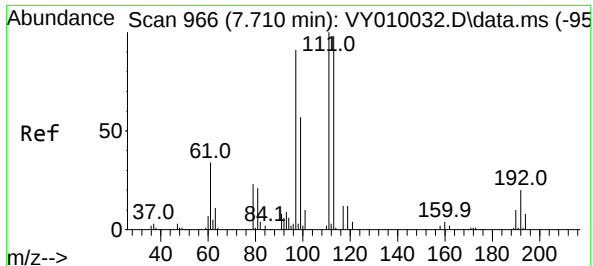
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.2

88 14.8 0.0 30.2

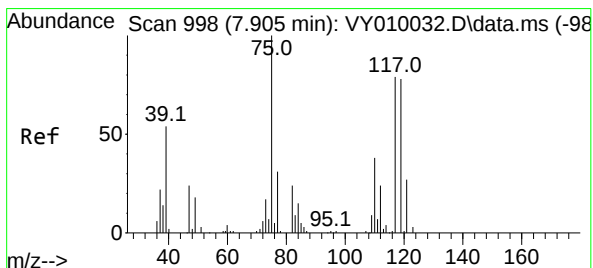
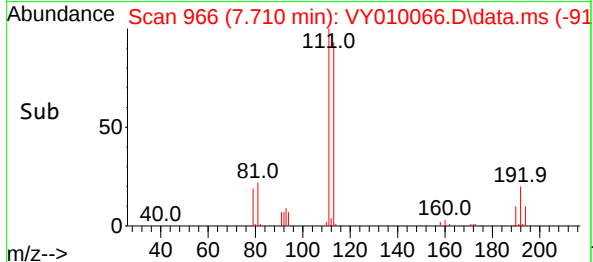
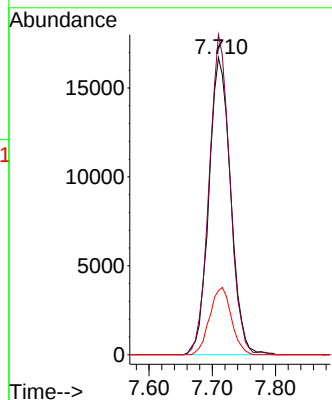
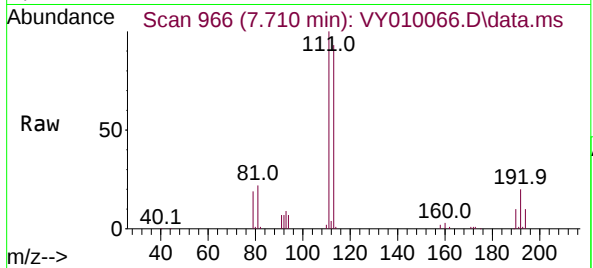




#35
Dibromofluoromethane
Concen: 53.261 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

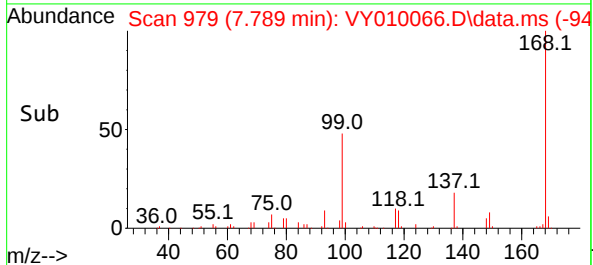
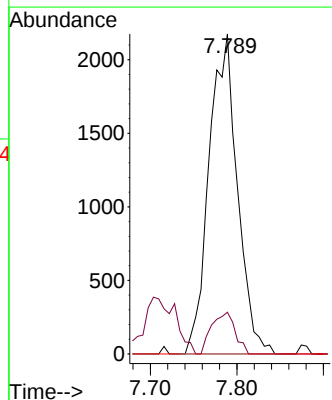
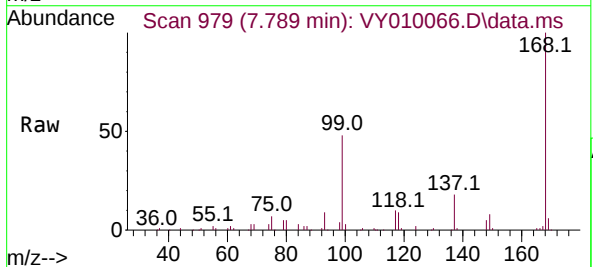
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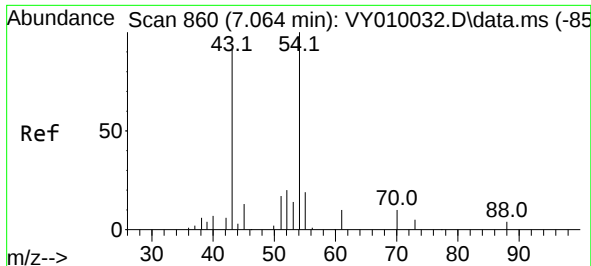
Tgt Ion:113 Resp: 39958
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 22.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.734 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 75 Resp: 4948
Ion Ratio Lower Upper
75 100
110 10.8 18.4 55.4#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.433 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY010066.D

Acq: 17 Aug 2022 14:18

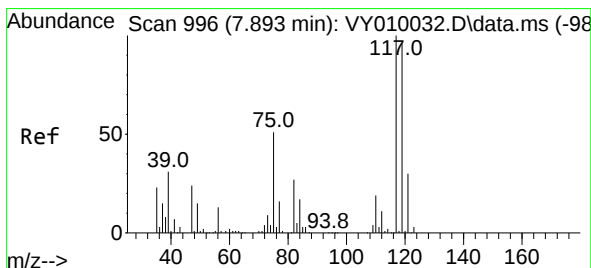
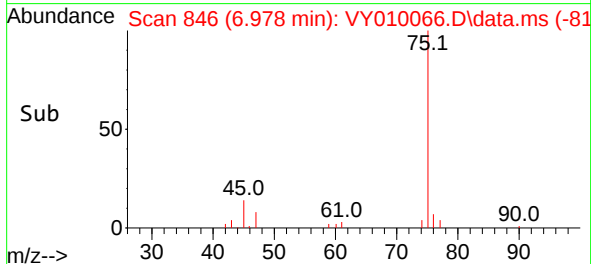
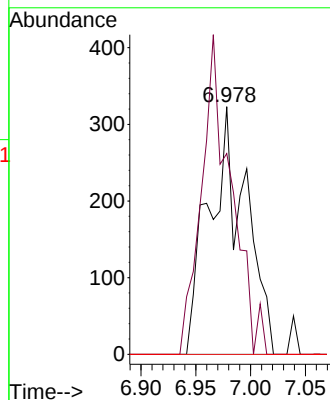
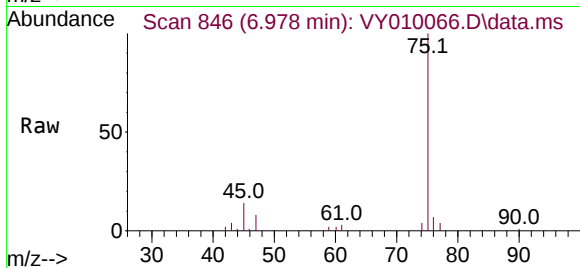
Instrument :

MSVOA_Y

ClientSampleId :

RO-367

Tgt Ion:	43	Resp:	754
Ion	Ratio	Lower	Upper
43	100		
61	103.4	9.6	14.4#
70	0.0	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 5.244 ug/l

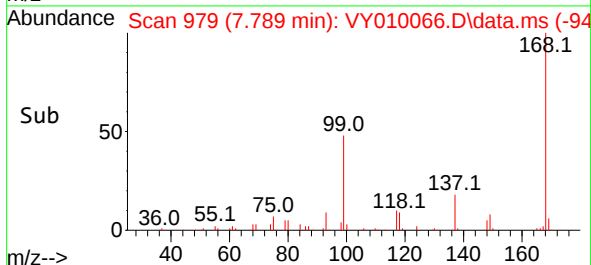
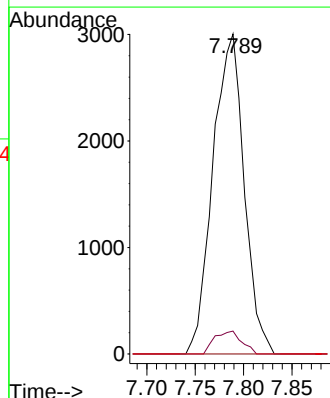
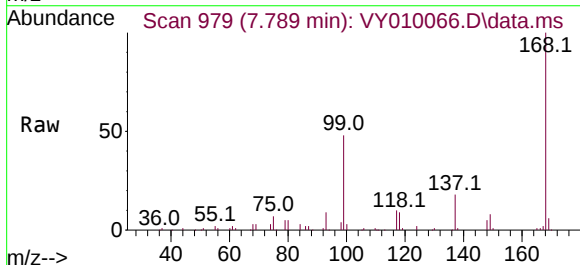
RT: 7.789 min Scan# 979

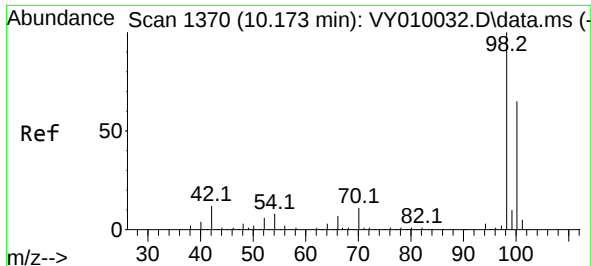
Delta R.T. -0.104 min

Lab File: VY010066.D

Acq: 17 Aug 2022 14:18

Tgt Ion:	117	Resp:	6740
Ion	Ratio	Lower	Upper
117	100		
119	7.2	77.0	115.6#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 48.565 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010066.D

Acq: 17 Aug 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

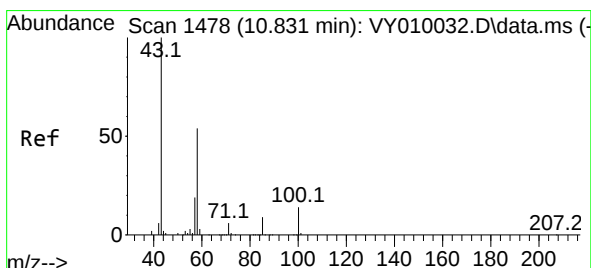
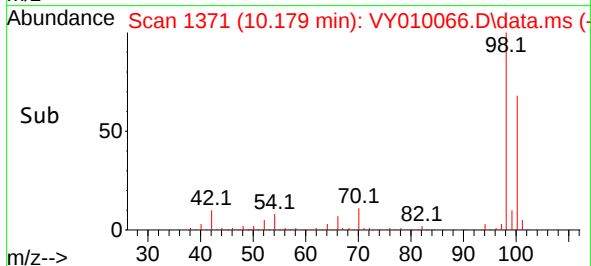
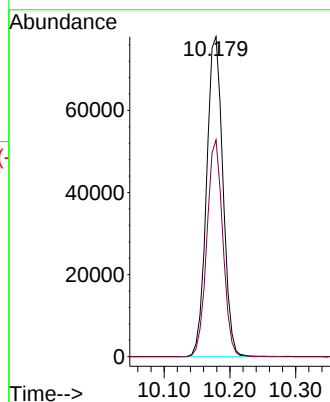
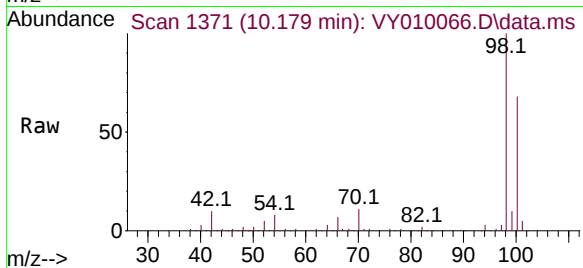
RO-367

Tgt Ion: 98 Resp: 134801

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1



#59

2-Hexanone

Concen: 24.284 ug/l

RT: 10.941 min Scan# 1496

Delta R.T. 0.110 min

Lab File: VY010066.D

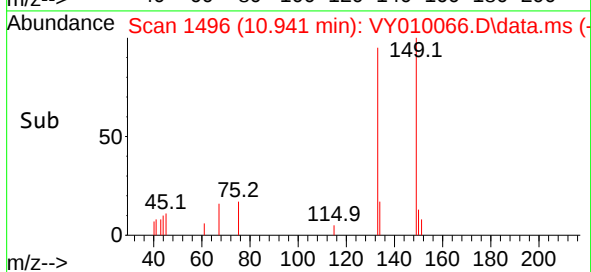
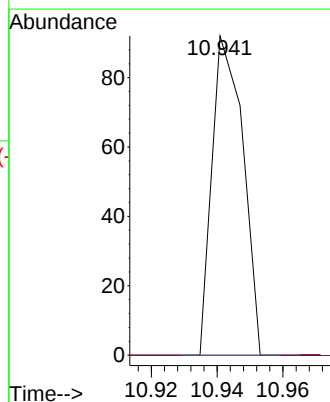
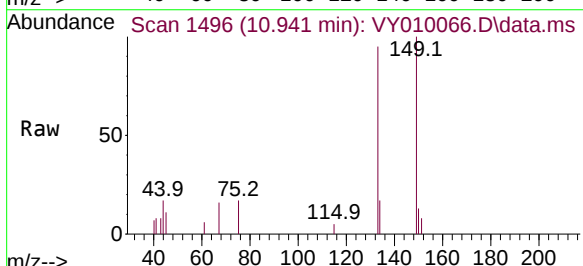
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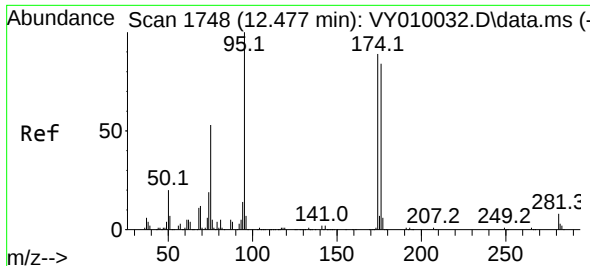
Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

58 0.0 26.3 78.9#

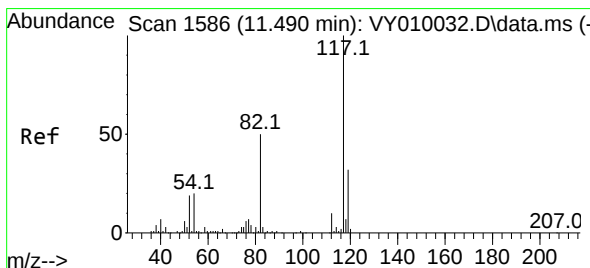
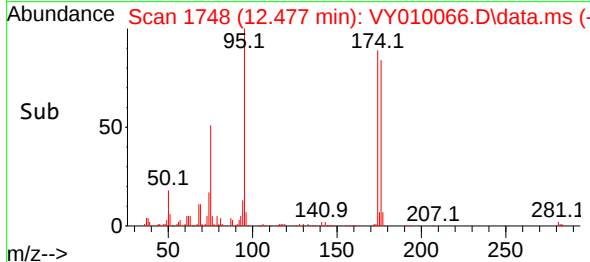
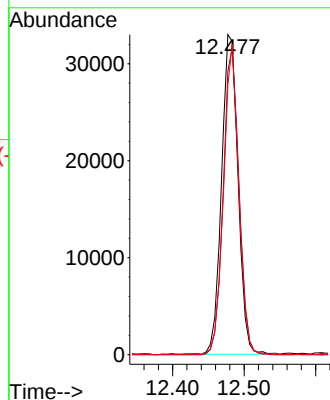
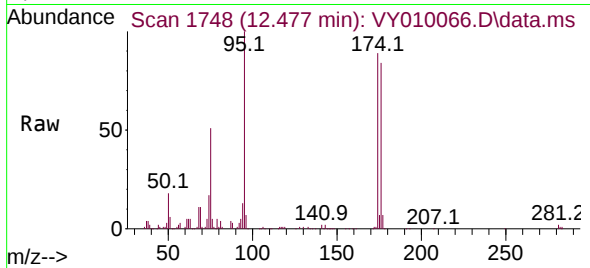




#62
4-Bromofluorobenzene
Concen: 54.032 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

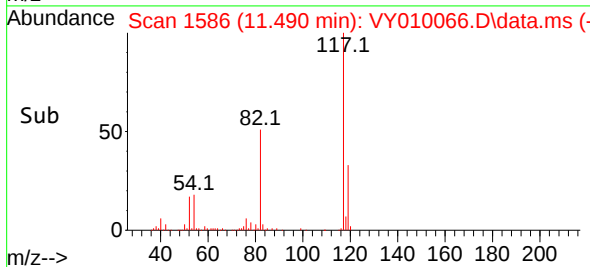
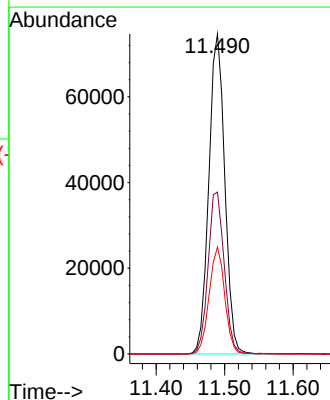
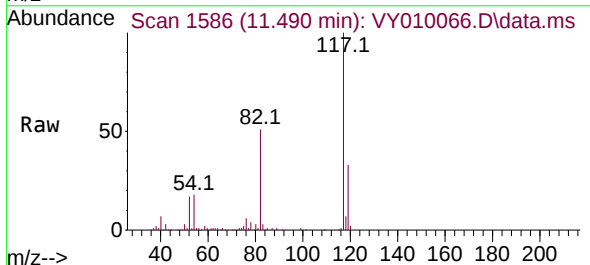
Instrument :
MSVOA_Y
ClientSampleId :
RO-367

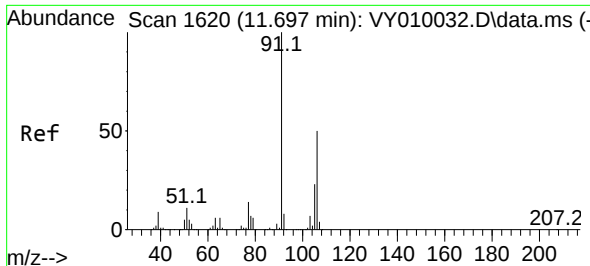
Tgt Ion: 95 Resp: 52677
Ion Ratio Lower Upper
95 100
174 91.9 0.0 184.2
176 90.0 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 117 Resp: 120979
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 33.4 25.6 38.4

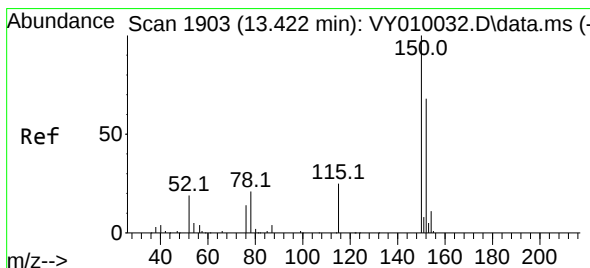
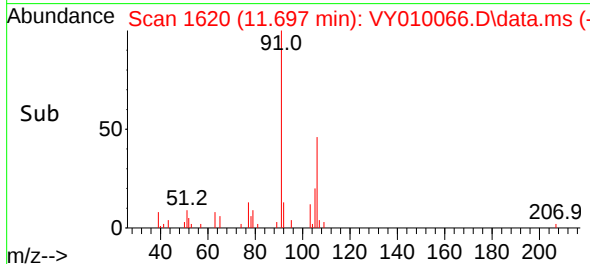
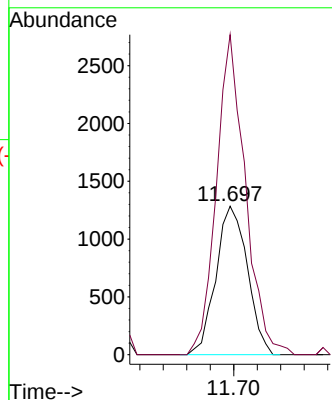
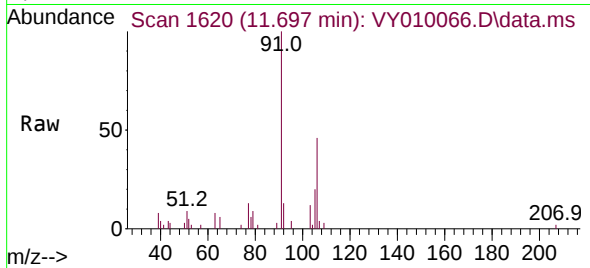




#68
m/p-Xylenes
Concen: 1.424 ug/l
RT: 11.697 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

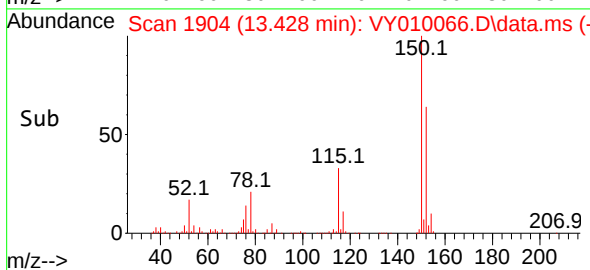
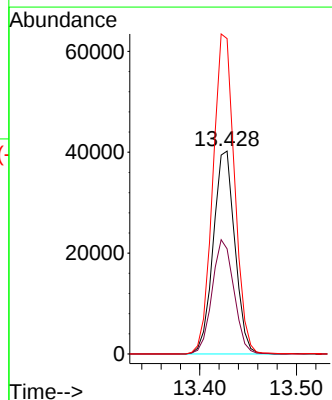
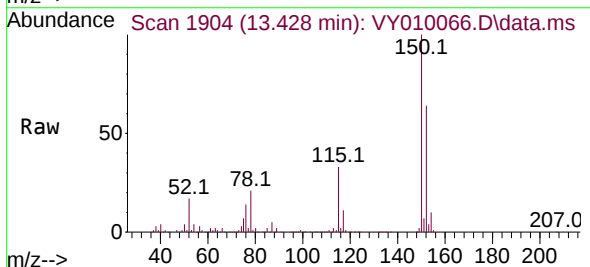
Instrument :
MSVOA_Y
ClientSampleId :
RO-367

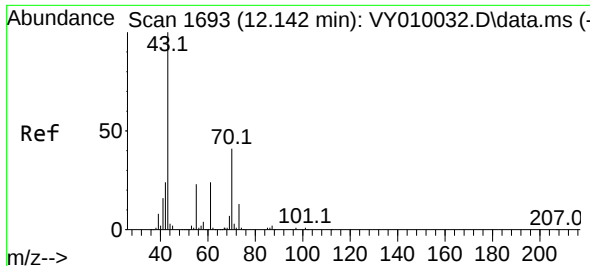
Tgt Ion:106 Resp: 2392
Ion Ratio Lower Upper
106 100
91 198.4 158.2 237.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion:152 Resp: 62393
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.3
150 158.6 0.0 346.6

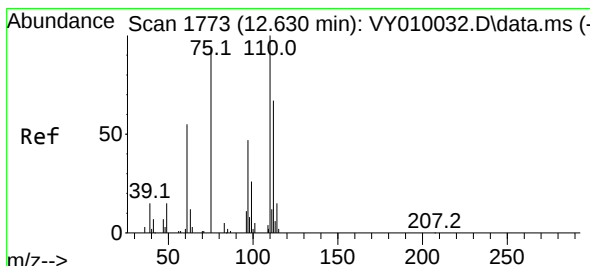
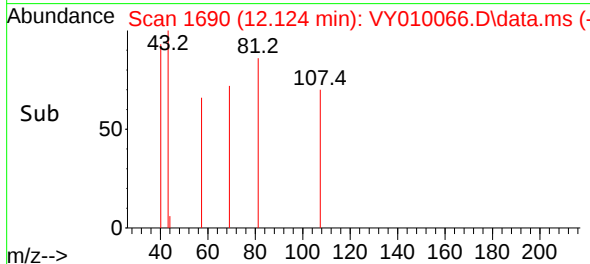
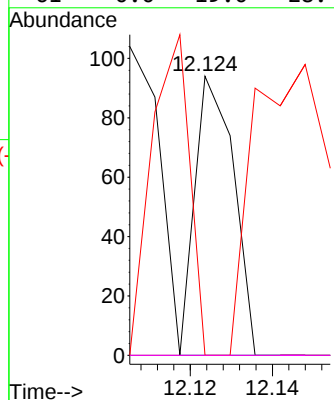
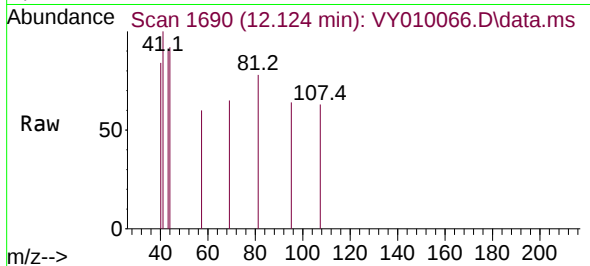




#74
N-amy1 acetate
Concen: 4.733 ug/l
RT: 12.124 min Scan# 1749
Delta R.T. -0.018 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

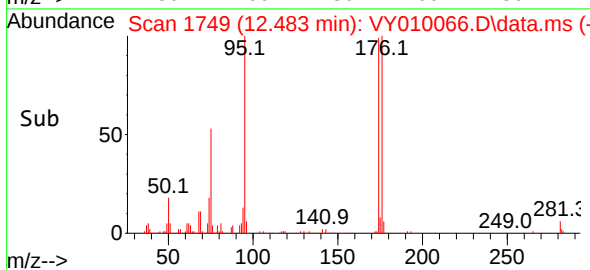
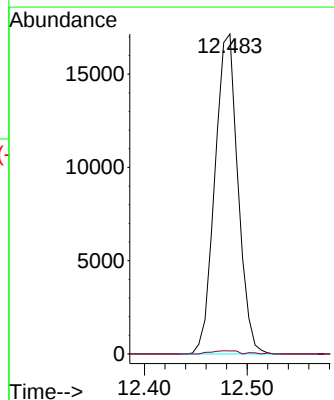
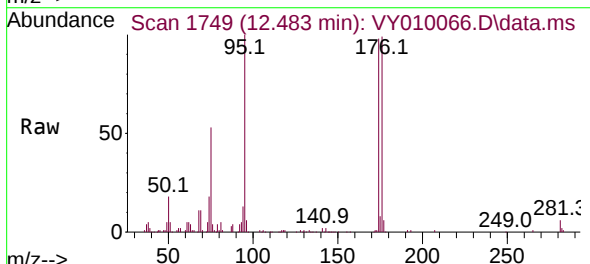
Instrument :
MSVOA_Y
ClientSampleId :
RO-367

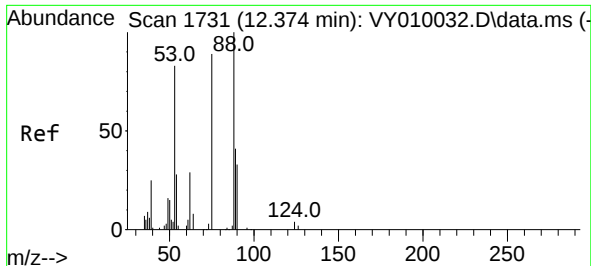
Tgt Ion: 43	Resp: 61
Ion Ratio	Lower Upper
43 100	
70 0.0	32.3 48.5#
55 113.1	19.3 28.9#
61 0.0	19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 45.169 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 75	Resp:	26714	
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

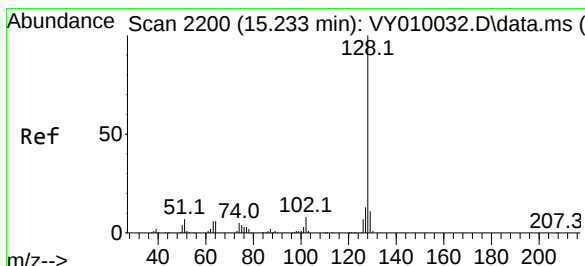
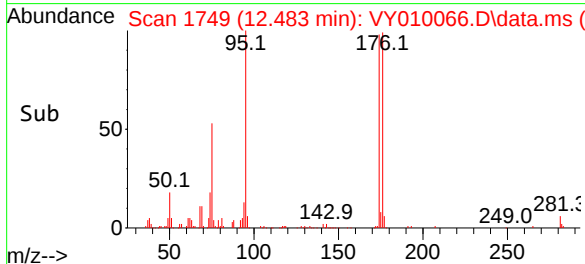
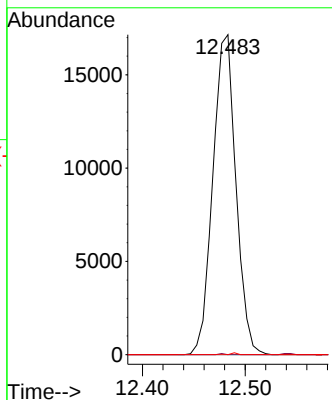
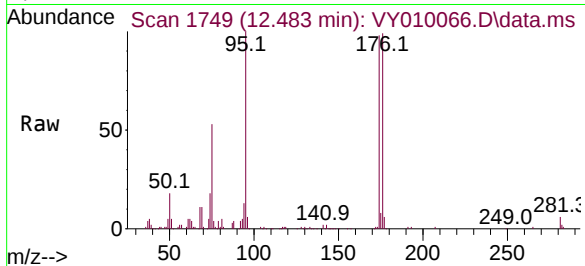




#81
trans-1,4-Dichloro-2-butene
Concen: 102.077 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
RO-367

Tgt Ion: 75 Resp: 26714
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.1 37.8 56.6#



#95
Naphthalene
Concen: 1.017 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 128 Resp: 2019
Ion Ratio Lower Upper
128 100
127 15.1 10.4 15.6
129 18.9 8.6 13.0#

