

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009727.D
 Acq On : 27 Jul 2022 16:15
 Operator : KP/MD
 Sample : N3896-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-68

Quant Time: Jul 28 02:46:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

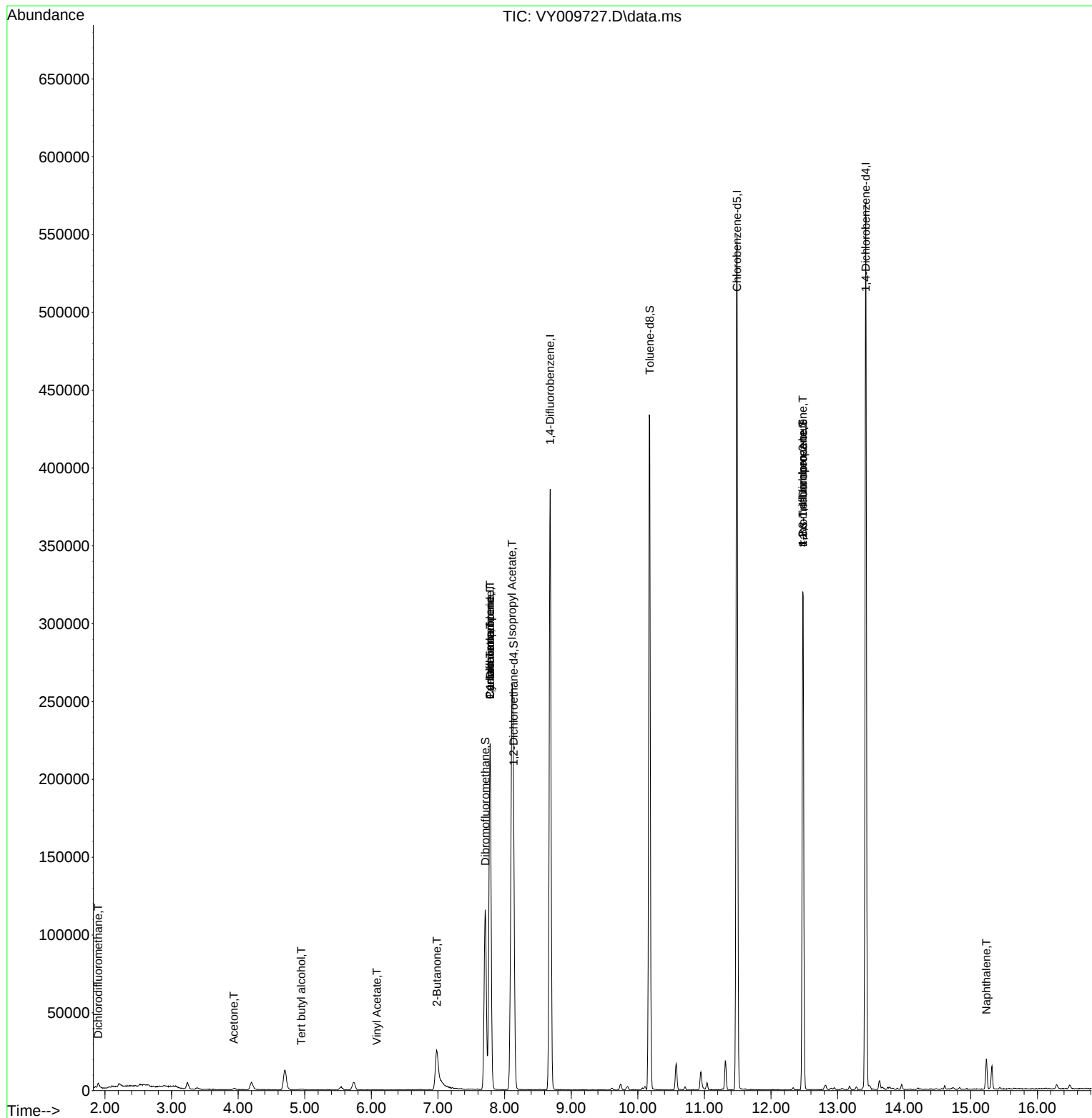
Internal Standards						
1) Pentafluorobenzene	7.783	168	185675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85040	70.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.960%
35) Dibromofluoromethane	7.710	113	83121	45.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.100%
50) Toluene-d8	10.179	98	295638	55.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	110.960%
62) 4-Bromofluorobenzene	12.477	95	92084	37.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	75.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	2416	1.462	ug/l	99
11) Tert butyl alcohol	4.948	59	1153	5.515	ug/l #	77
16) Acetone	3.936	43	1810	4.077	ug/l	99
18) Methyl Acetate	4.460	43	118	Below Cal	#	56
20) Methylene Chloride	4.698	84	10091	Below Cal		87
23) Vinyl Acetate	6.082	43	25	7.480	ug/l #	75
25) 2-Butanone	6.984	43	1768	2.700	ug/l #	88
31) Cyclohexane	7.783	56	3379	1.144	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	12229	4.073	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16720	5.197	ug/l #	16
43) Isopropyl Acetate	8.112	43	4871	1.567	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	46616	34.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46616	68.112	ug/l #	7
95) Naphthalene	15.233	128	16698	3.228	ug/l	98

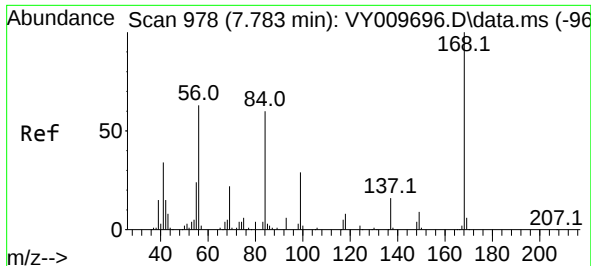
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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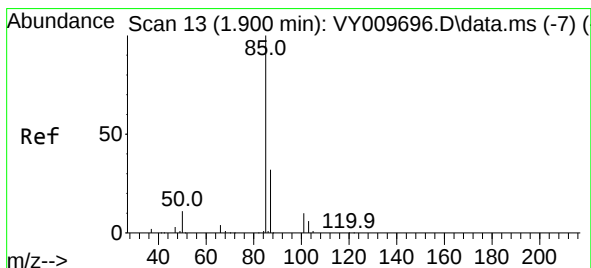
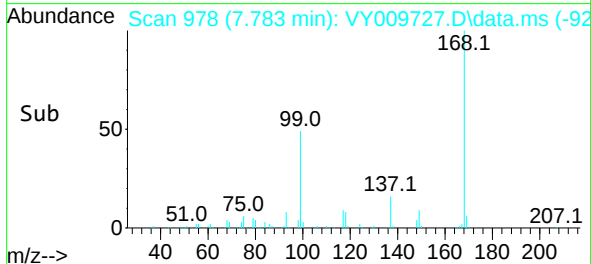
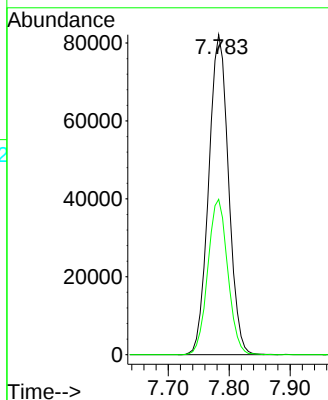
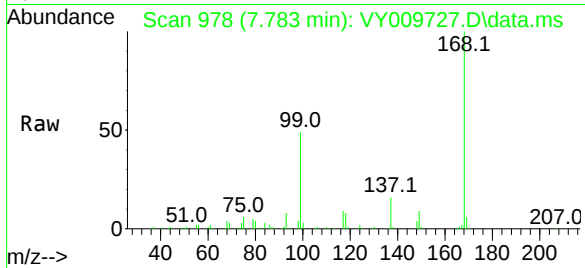




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

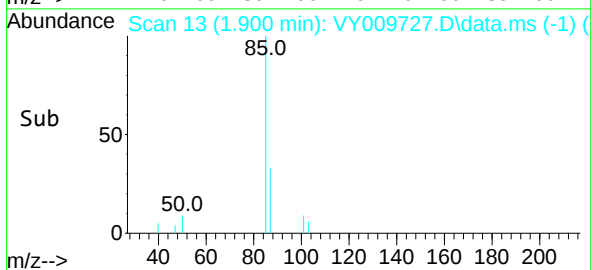
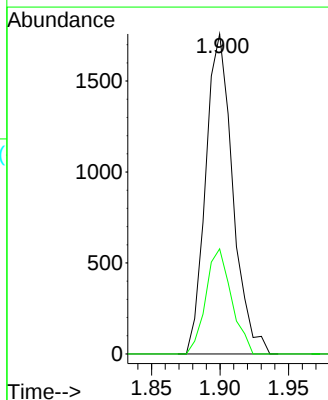
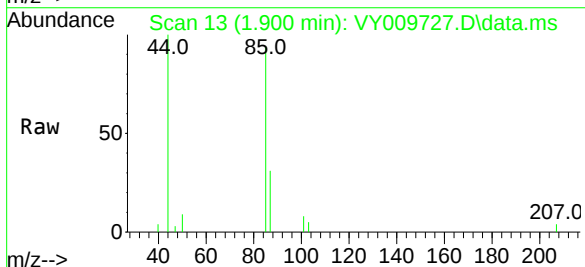
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MSVOA_Y
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RVE-68

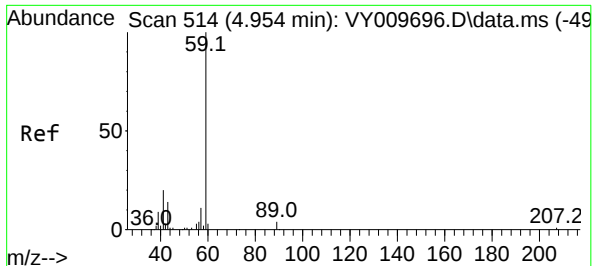
Tgt Ion:168 Resp: 185675
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.462 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 85 Resp: 2416
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2





#11

Tert butyl alcohol

Concen: 5.515 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY009727.D

Acq: 27 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

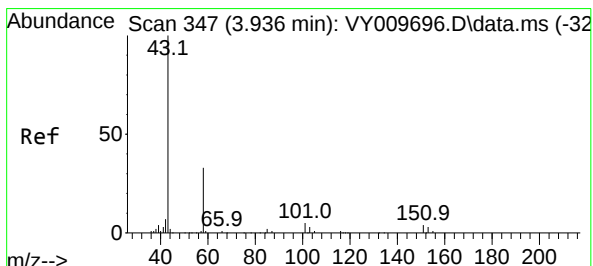
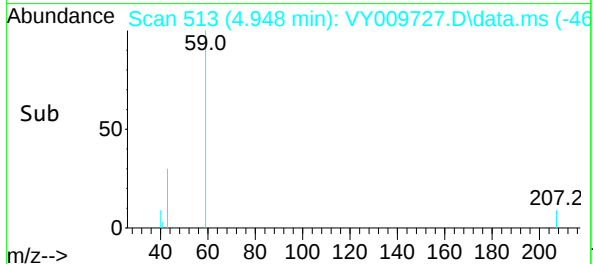
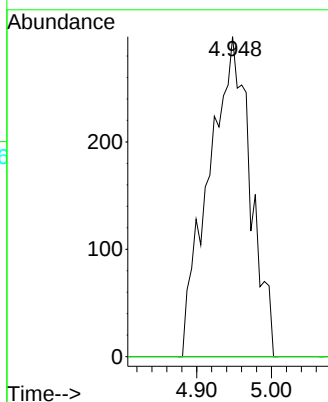
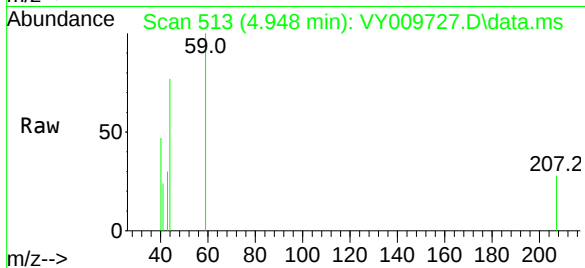
RVE-68

Tgt Ion: 59 Resp: 1153

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.077 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009727.D

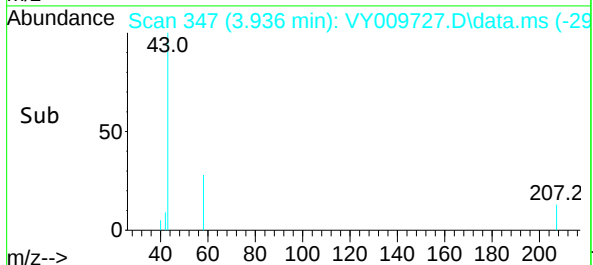
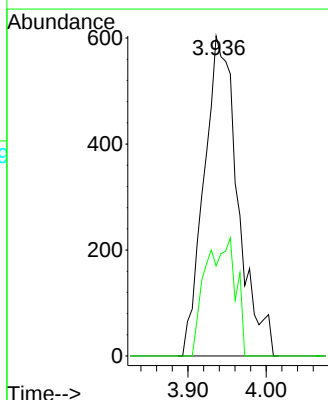
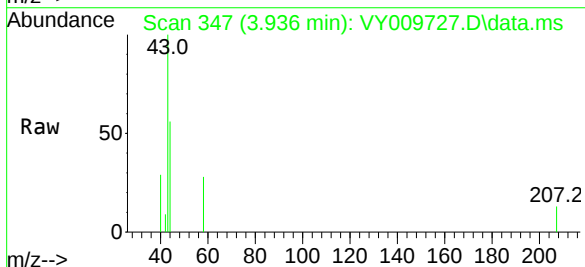
Acq: 27 Jul 2022 16:15

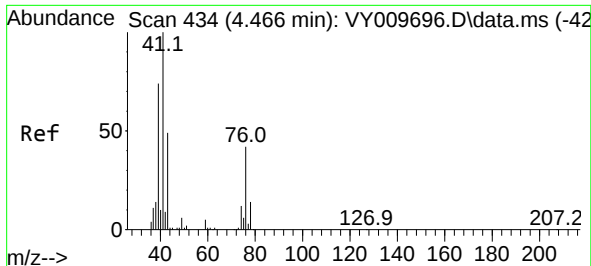
Tgt Ion: 43 Resp: 1810

Ion Ratio Lower Upper

43 100

58 28.1 22.0 33.0

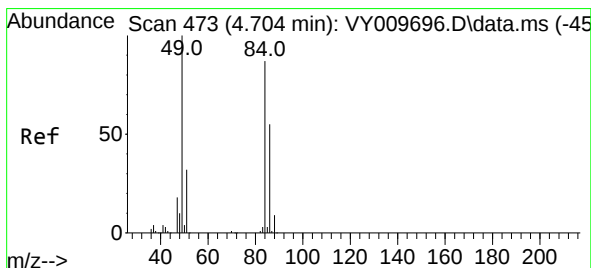
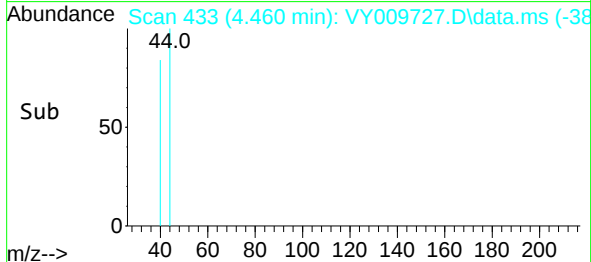
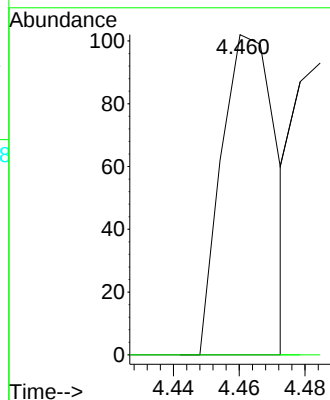
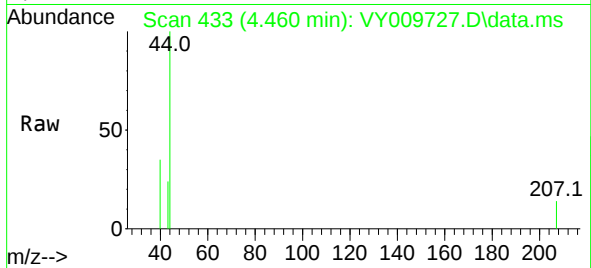




#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

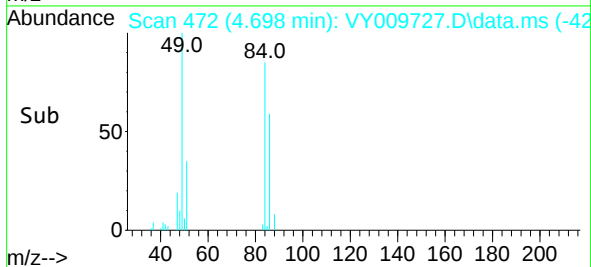
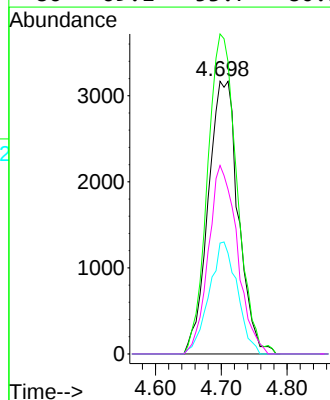
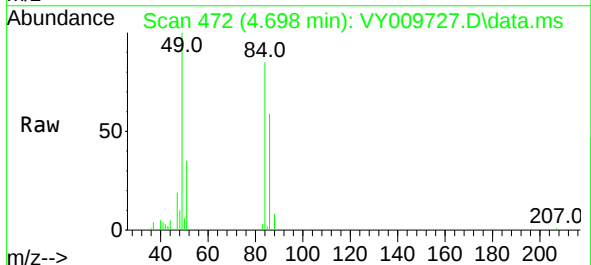
Instrument :
MSVOA_Y
ClientSampleId :
RVE-68

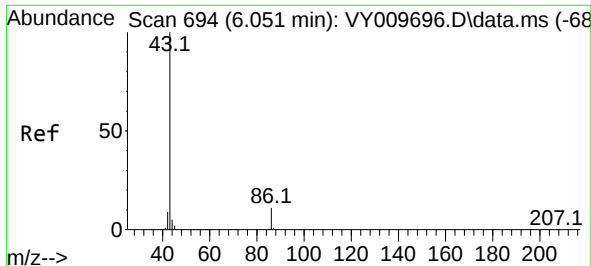
Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 84 Resp: 10091
Ion Ratio Lower Upper
84 100
49 117.4 114.4 171.6
51 40.7 35.3 52.9
86 69.1 53.7 80.5

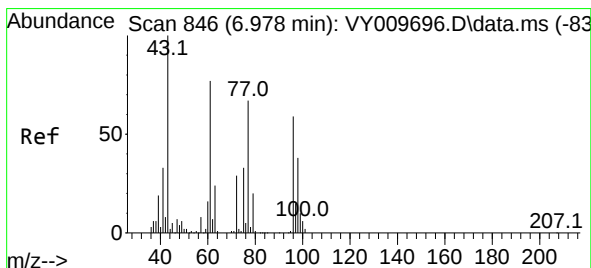
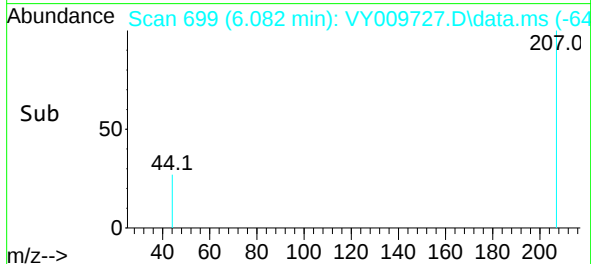
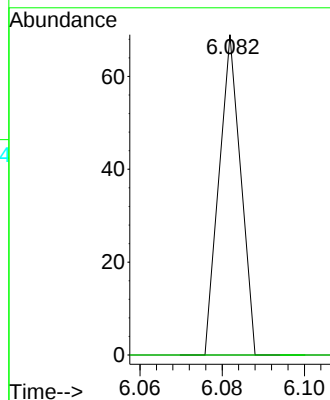
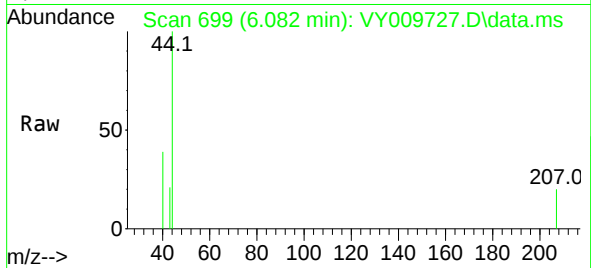




#23
 Vinyl Acetate
 Concen: 7.480 ug/l
 RT: 6.082 min Scan# 694
 Delta R.T. 0.031 min
 Lab File: VY009727.D
 Acq: 27 Jul 2022 16:15

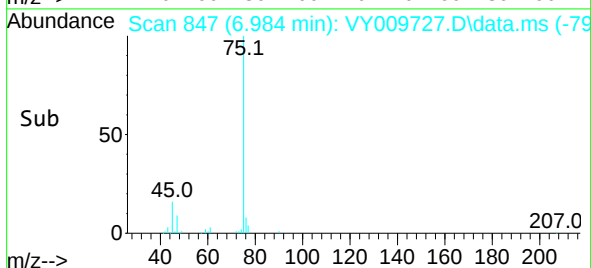
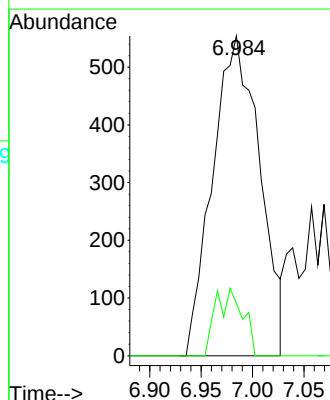
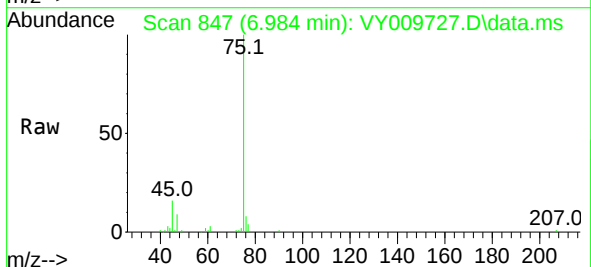
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-68

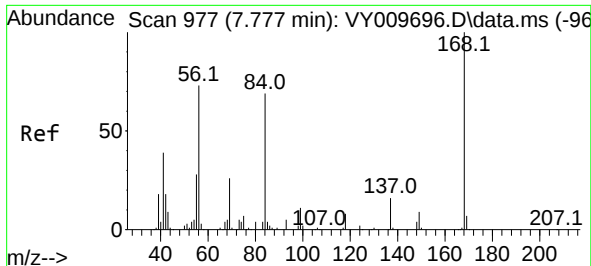
Tgt Ion: 43 Resp: 25
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 2.700 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY009727.D
 Acq: 27 Jul 2022 16:15

Tgt Ion: 43 Resp: 1768
 Ion Ratio Lower Upper
 43 100
 72 16.4 17.7 26.5#

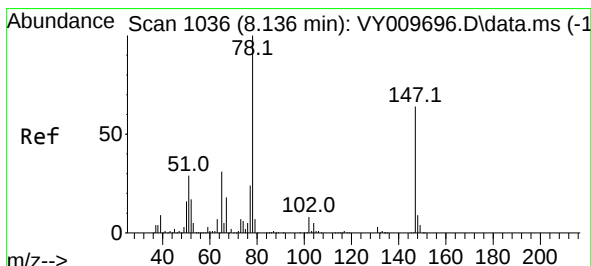
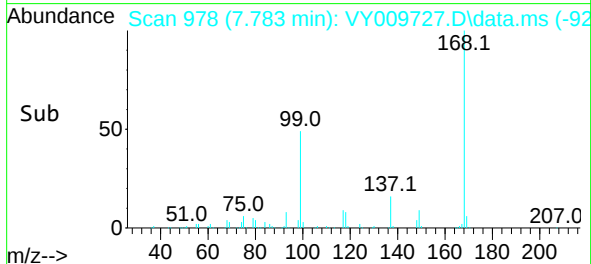
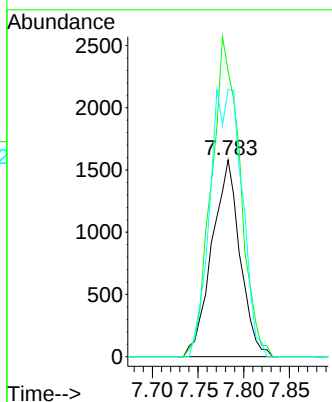
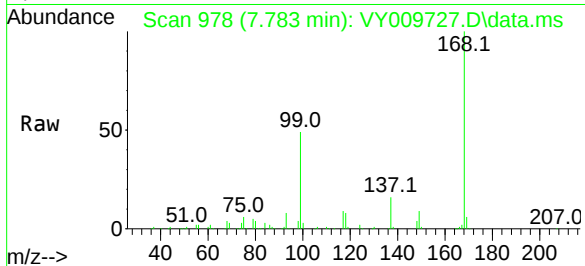




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

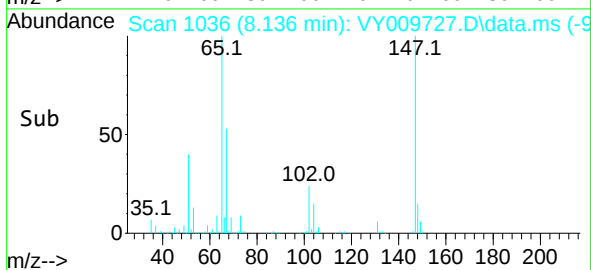
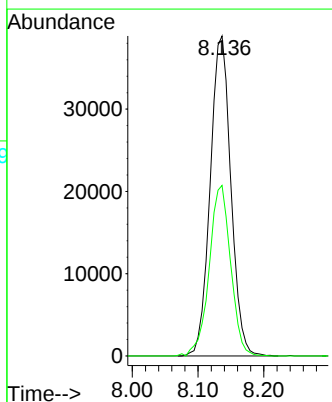
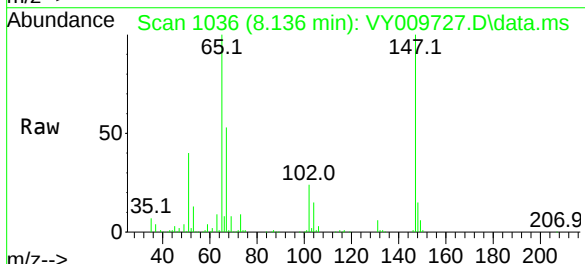
Instrument :
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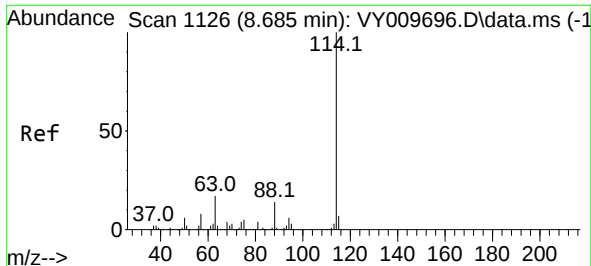
Tgt Ion: 56 Resp: 3379
Ion Ratio Lower Upper
56 100
69 145.0 26.7 40.1#
84 135.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 70.976 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 65 Resp: 85040
Ion Ratio Lower Upper
65 100
67 55.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009727.D

Acq: 27 Jul 2022 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RVE-68

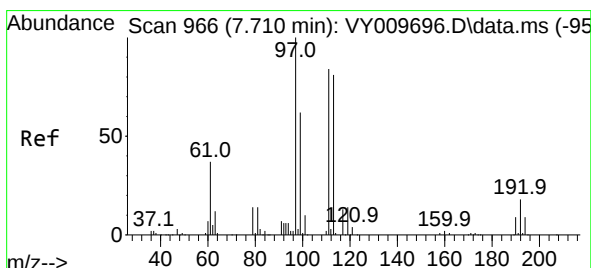
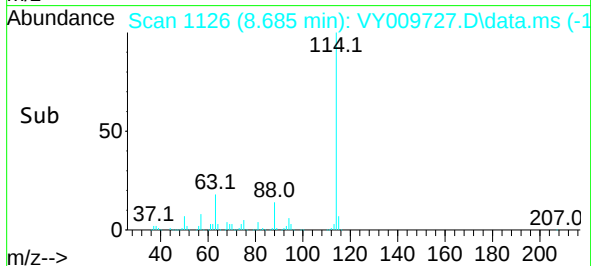
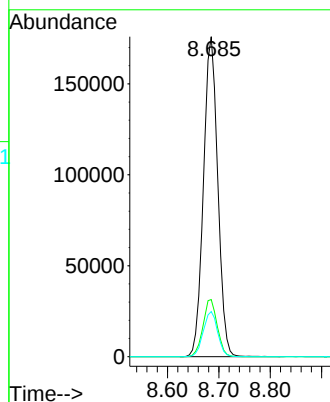
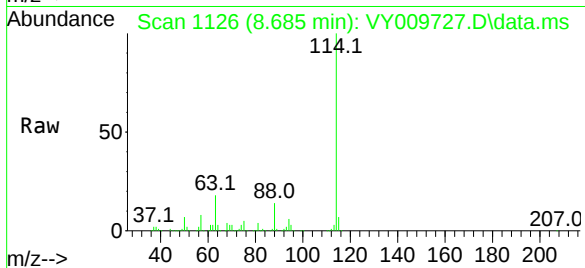
Tgt Ion:114 Resp: 339283

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.045 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009727.D

Acq: 27 Jul 2022 16:15

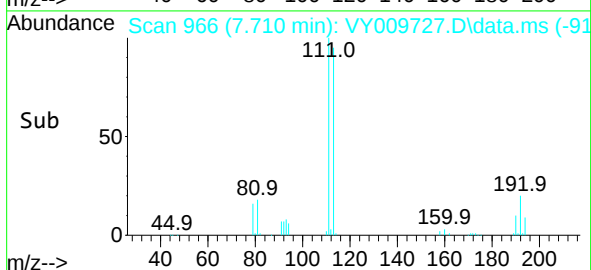
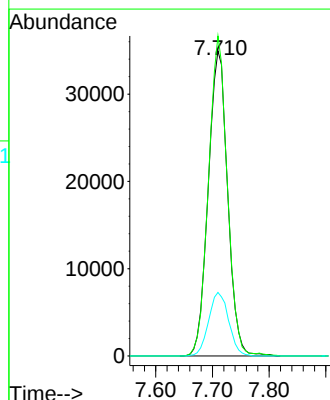
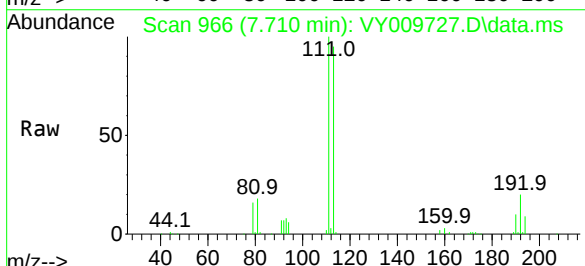
Tgt Ion:113 Resp: 83121

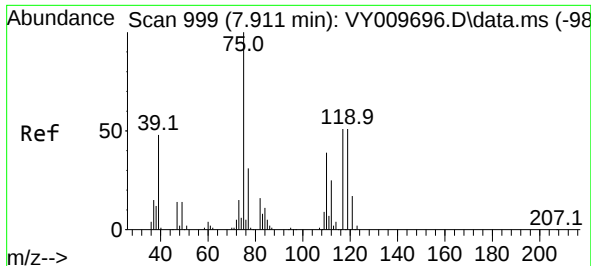
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 21.5 17.6 26.4

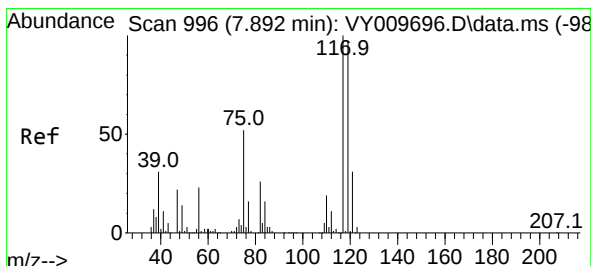
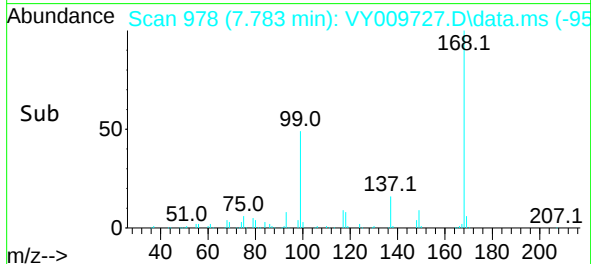
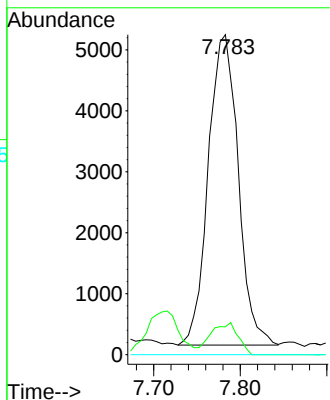
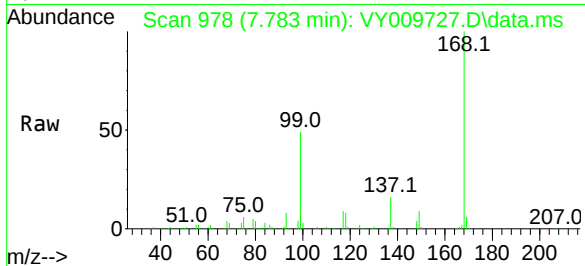




#36
1,1-Dichloropropene
Concen: 4.073 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

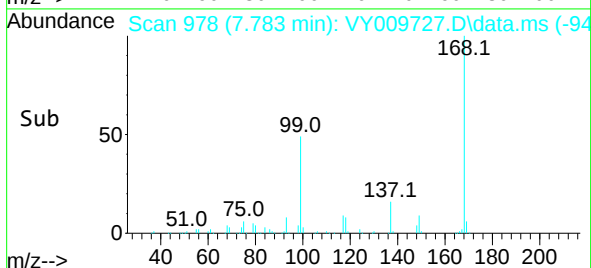
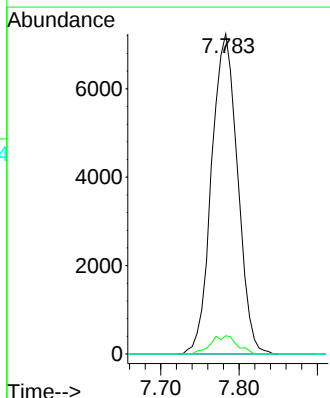
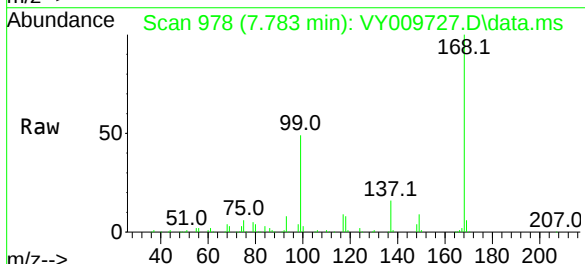
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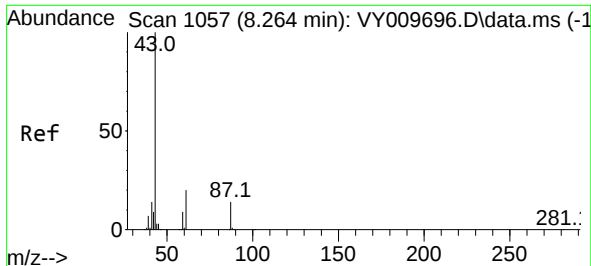
Tgt Ion: 75 Resp: 12229
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.197 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 117 Resp: 16720
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

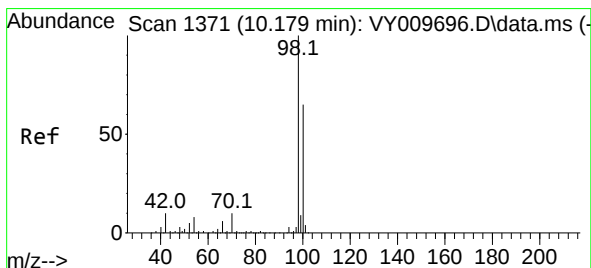
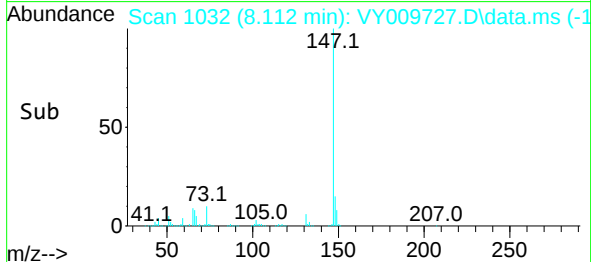
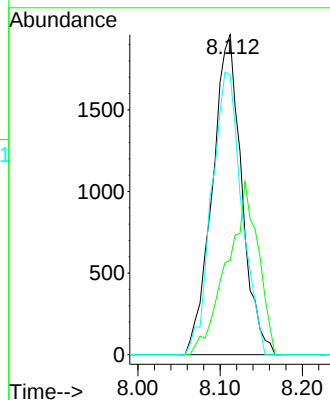
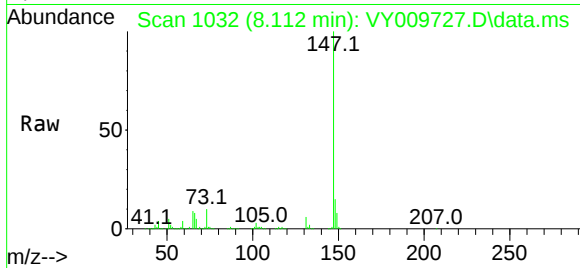




#43
Isopropyl Acetate
Concen: 1.567 ug/l
RT: 8.112 min Scan# 1057
Delta R.T. -0.152 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

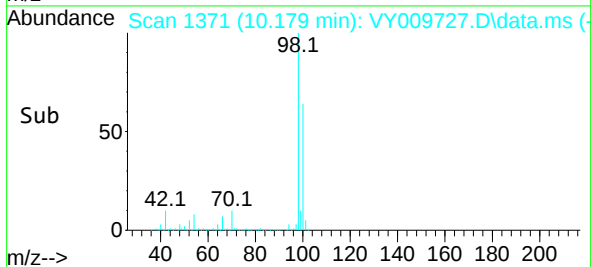
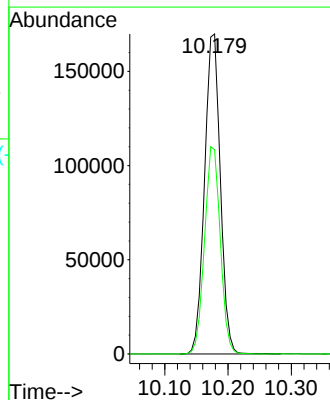
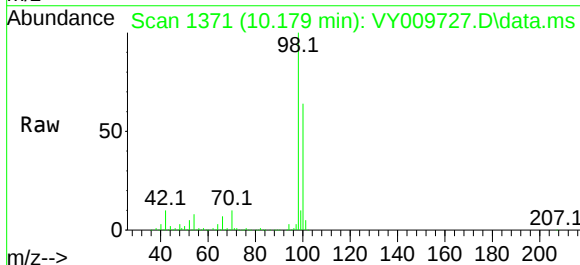
Instrument :
MSVOA_Y
ClientSampleId :
RVE-68

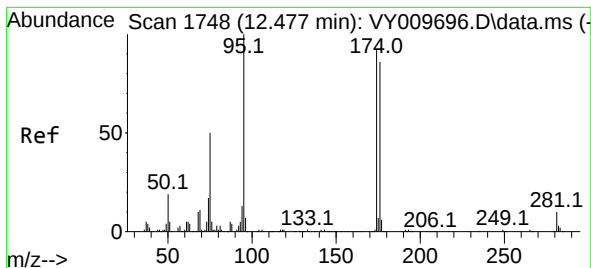
Tgt Ion: 43 Resp: 4871
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 90.6 8.9 13.3#



#50
Toluene-d8
Concen: 55.476 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 98 Resp: 295638
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

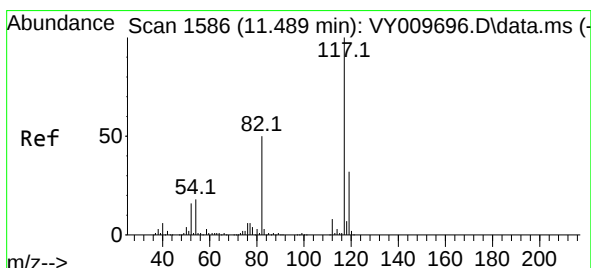
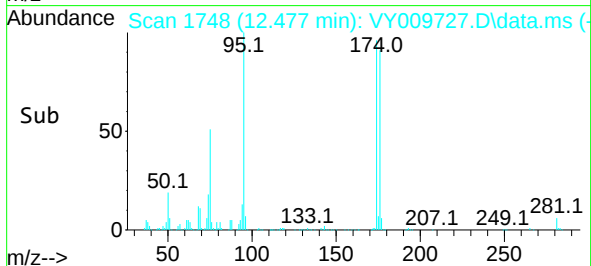
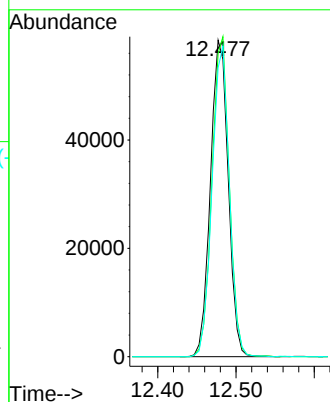
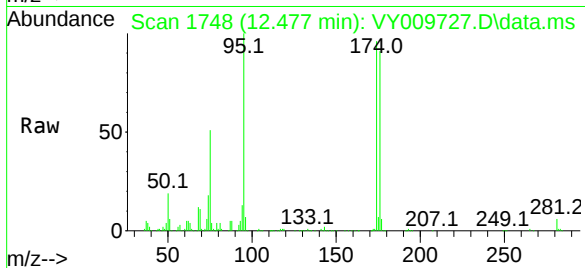




#62
4-Bromofluorobenzene
Concen: 37.635 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

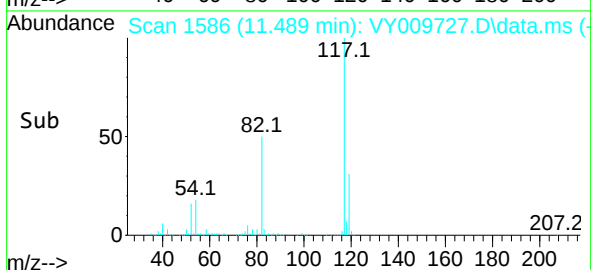
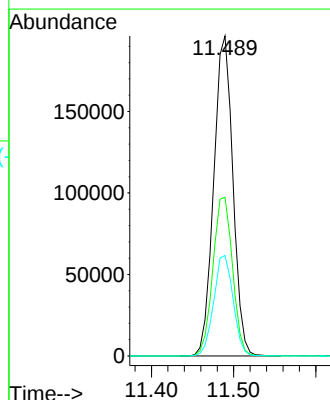
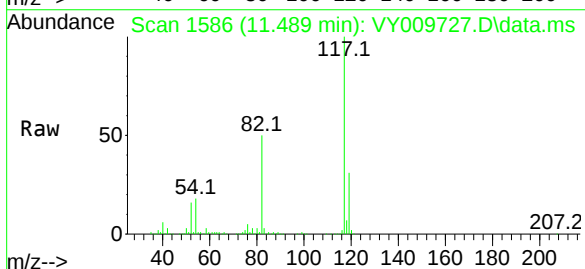
Instrument :
MSVOA_Y
ClientSampleId :
RVE-68

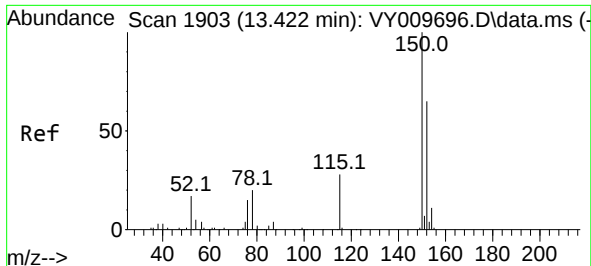
Tgt Ion: 95 Resp: 92084
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 95.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 117 Resp: 318223
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 31.4 25.4 38.0

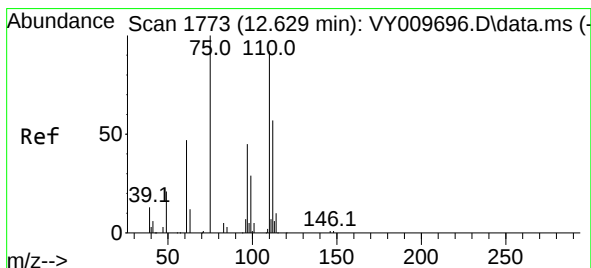
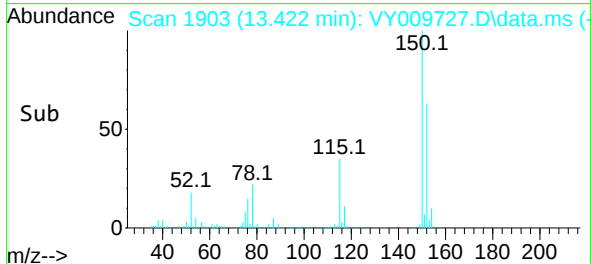
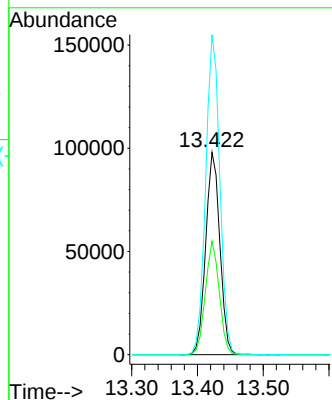
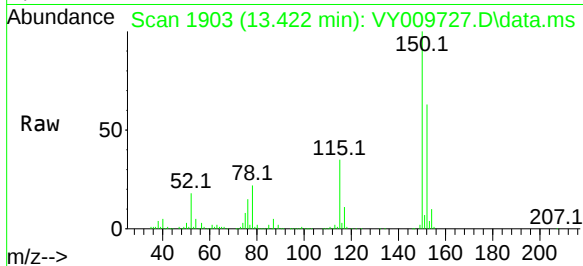




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009727.D
 Acq: 27 Jul 2022 16:15

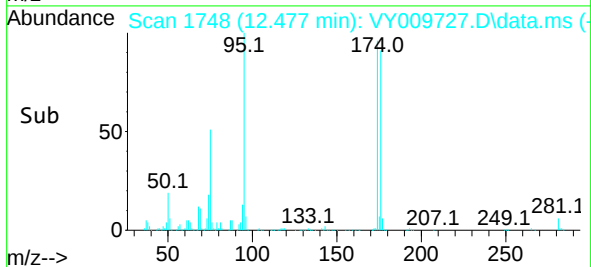
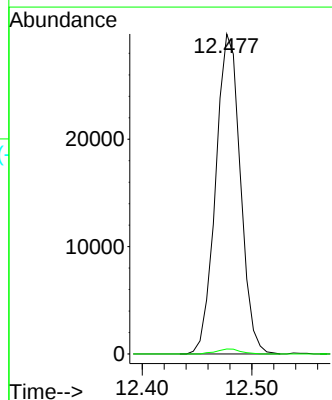
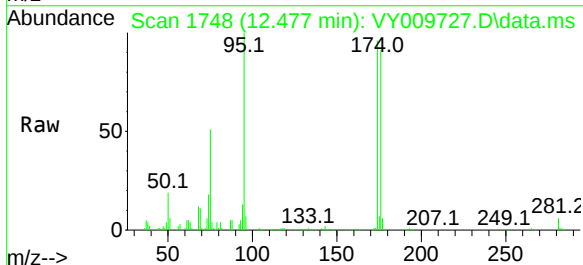
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-68

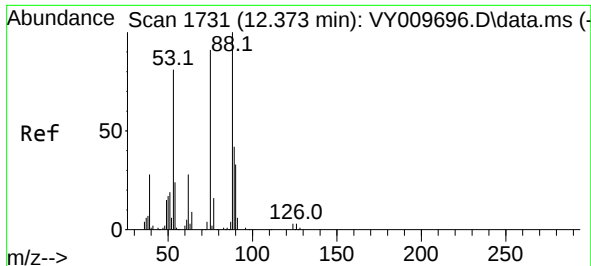
Tgt Ion:152 Resp: 146871
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 34.170 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009727.D
 Acq: 27 Jul 2022 16:15

Tgt Ion: 75 Resp: 46616
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

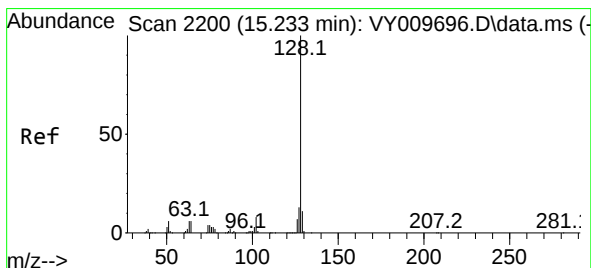
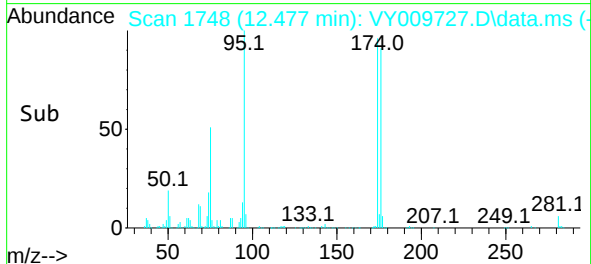
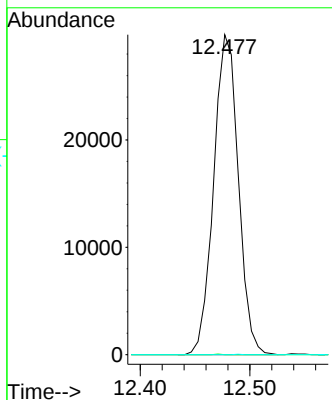
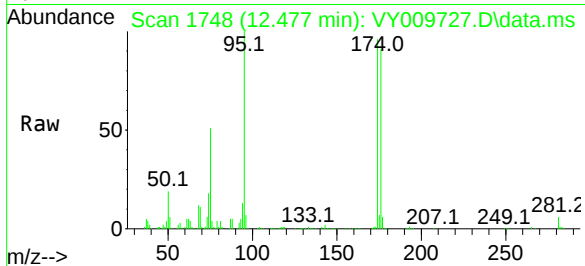




#81
trans-1,4-Dichloro-2-butene
Concen: 68.112 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Instrument :
MSVOA_Y
ClientSampleId :
RVE-68

Tgt Ion: 75 Resp: 46616
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.228 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009727.D
Acq: 27 Jul 2022 16:15

Tgt Ion: 128 Resp: 16698
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.8 8.4 12.6

