

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031256.D
 Acq On : 09 Sep 2022 14:57
 Operator : JC/MD
 Sample : N4536-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORG-0071

Quant Time: Sep 12 00:51:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

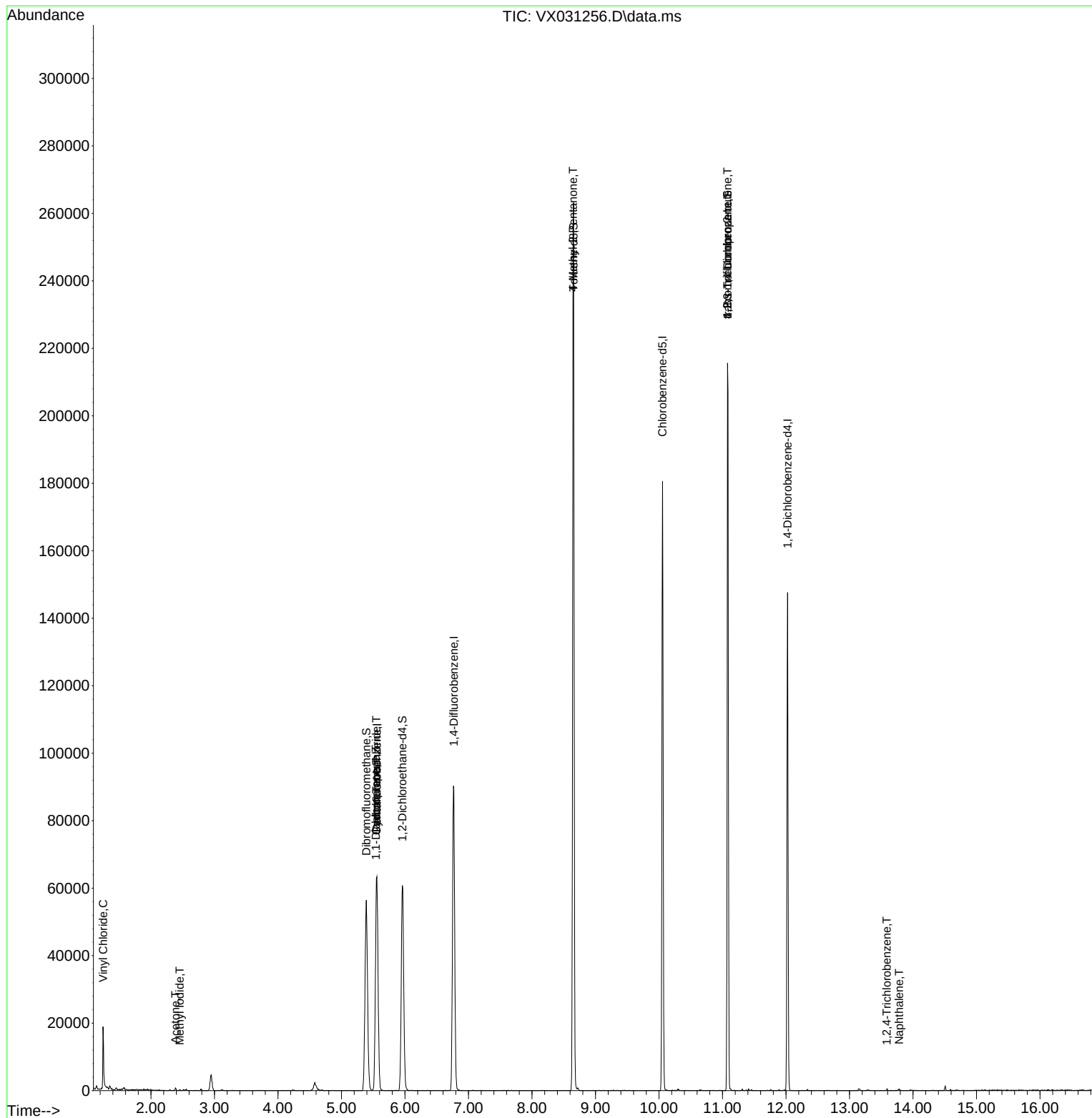
Internal Standards						
1) Pentafluorobenzene	5.556	168	51637	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	86109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	26709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71800	58.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.460%
35) Dibromofluoromethane	5.391	113	46937	50.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.040%
50) Toluene-d8	8.653	98	156088	45.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.560%
62) 4-Bromofluorobenzene	11.079	95	58946	47.180	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.246	62	152	0.202	ug/l	# 43
10) Methyl Iodide	2.453	142	242	0.211	ug/l	# 72
11) Tert butyl alcohol	2.941	59	2721	Below Cal	#	74
16) Acetone	2.386	43	750	1.772	ug/l	# 72
31) Cyclohexane	5.550	56	1387	1.015	ug/l	# 57
36) 1,1-Dichloropropene	5.544	75	5099	3.629	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	6846	4.630	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	710	0.590	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	34237	46.969	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	34237	151.469	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.585	180	131	0.244	ug/l	# 76
95) Naphthalene	13.780	128	554	0.263	ug/l	# 69

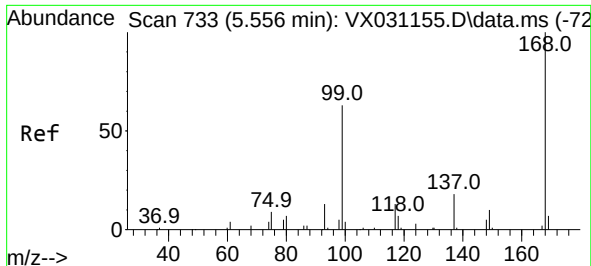
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 12 00:51:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration

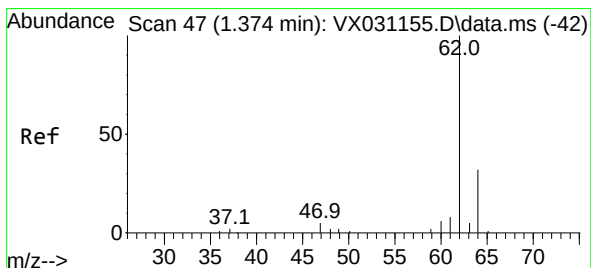
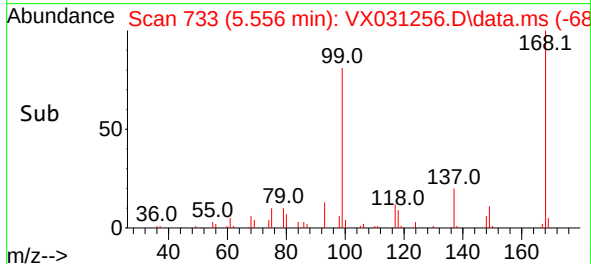
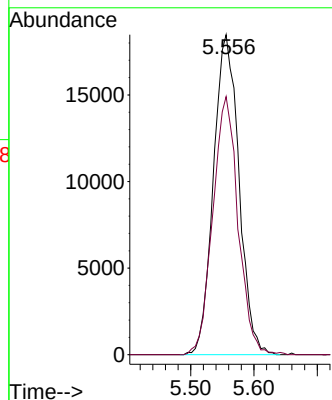
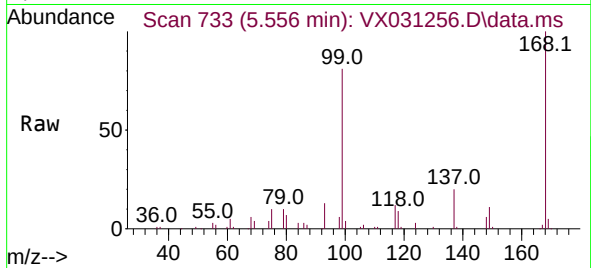




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

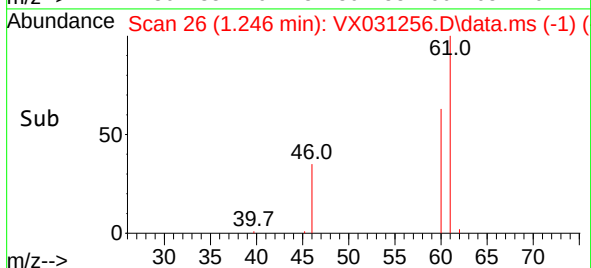
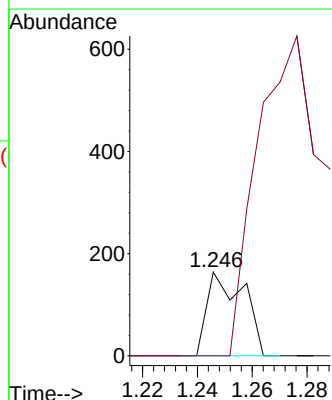
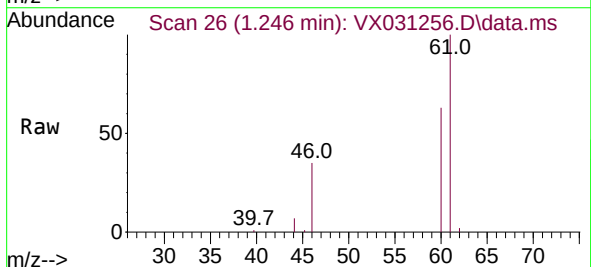
Instrument :
MSVOA_X
ClientSampleId :
ORG-0071

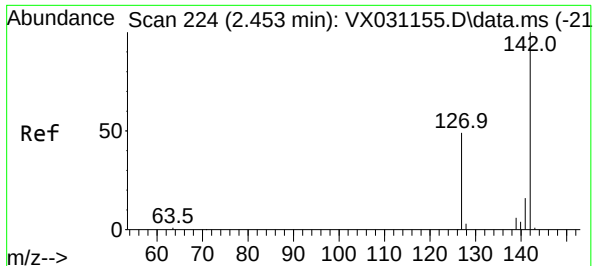
Tgt Ion:168 Resp: 51637
Ion Ratio Lower Upper
168 100
99 80.7 44.0 66.0#



#4
Vinyl Chloride
Concen: 0.202 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.128 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

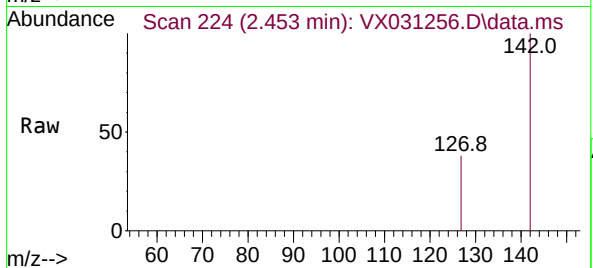
Tgt Ion: 62 Resp: 152
Ion Ratio Lower Upper
62 100
64 0.0 25.2 37.8#



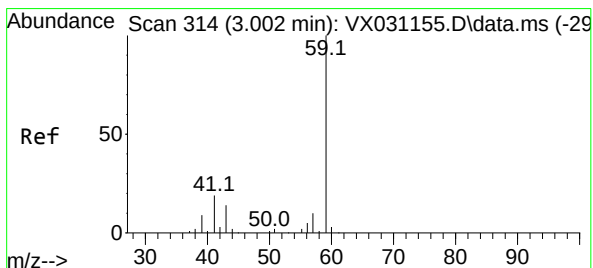
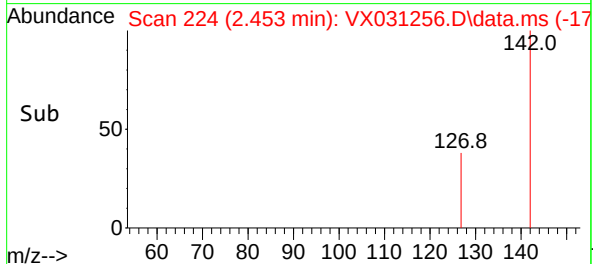
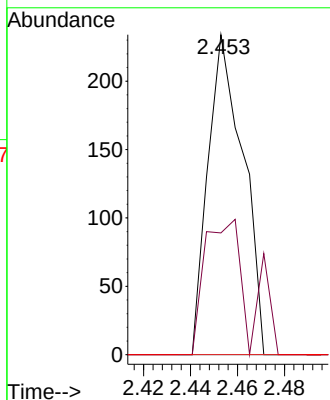


#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Instrument :
MSVOA_X
ClientSampleId :
ORG-0071

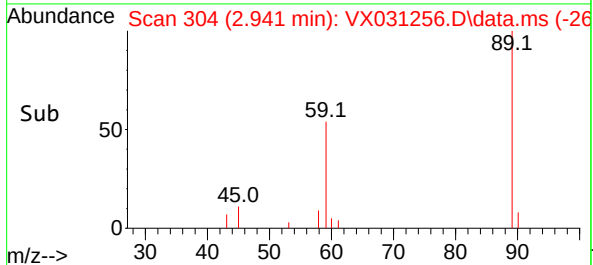
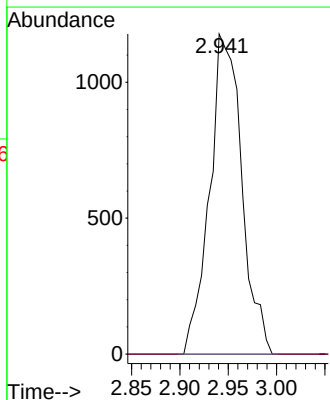
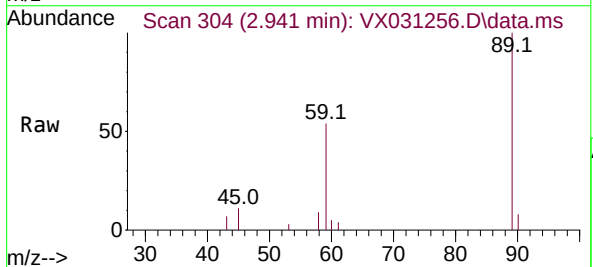


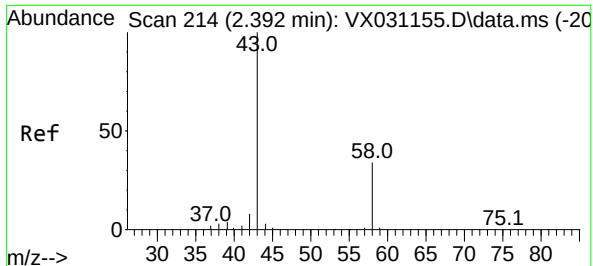
Tgt Ion:142 Resp: 242
Ion Ratio Lower Upper
142 100
127 53.3 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Tgt Ion: 59 Resp: 2721
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

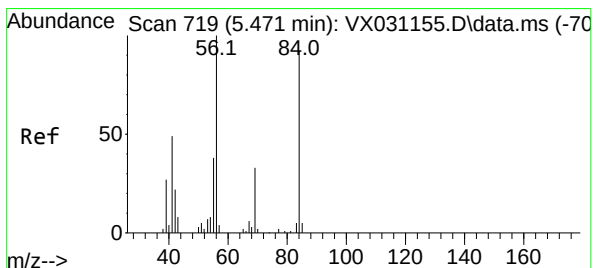
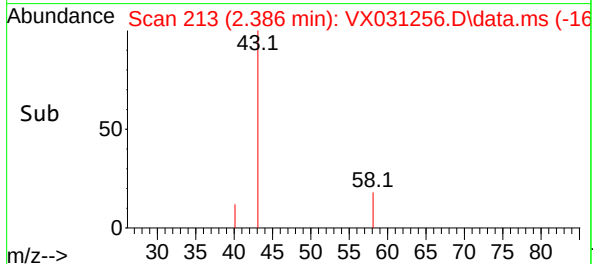
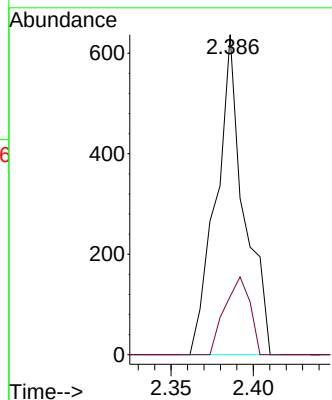
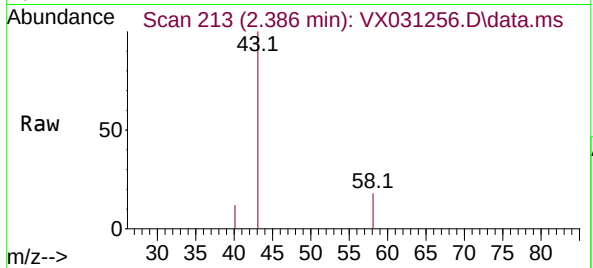




#16
Acetone
Concen: 1.772 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

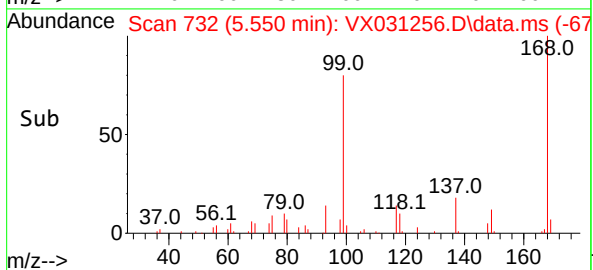
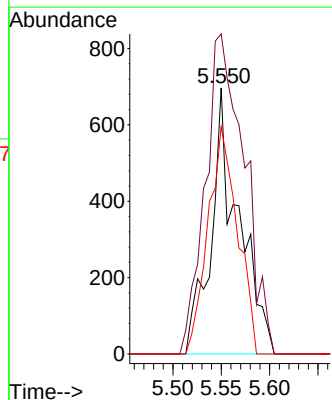
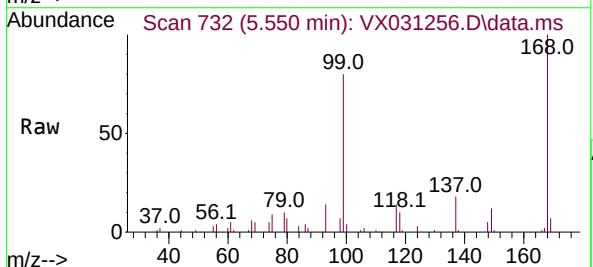
Instrument :
MSVOA_X
ClientSampleId :
ORG-0071

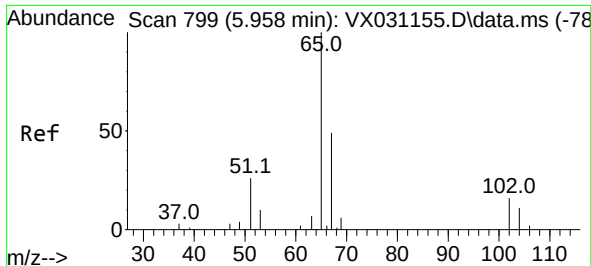
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 18.2 27.7 41.5#



#31
Cyclohexane
Concen: 1.015 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Tgt Ion: 56 Resp: 1387
Ion Ratio Lower Upper
56 100
69 120.2 25.4 38.0#
84 85.4 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 58.731 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031256.D

Acq: 09 Sep 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

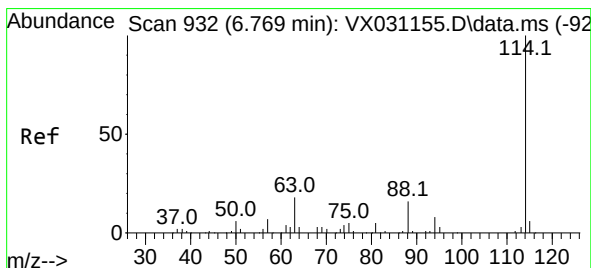
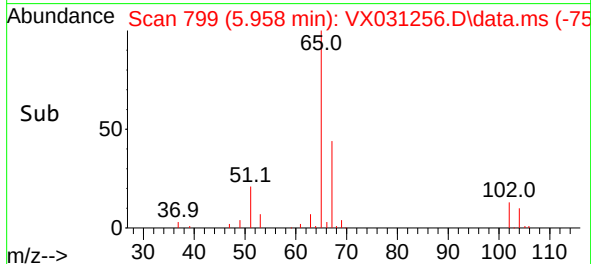
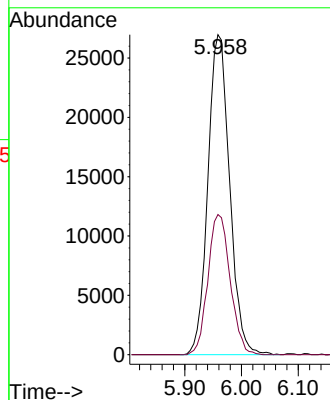
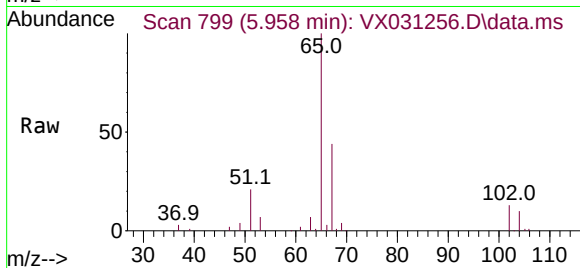
ORG-0071

Tgt Ion: 65 Resp: 71800

Ion Ratio Lower Upper

65 100

67 44.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031256.D

Acq: 09 Sep 2022 14:57

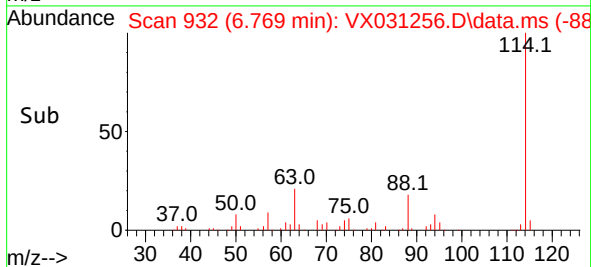
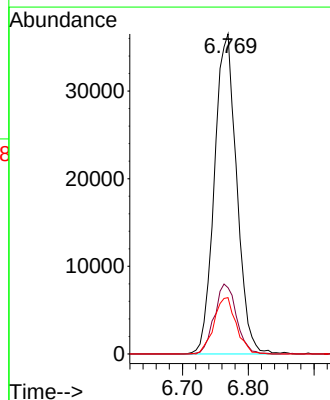
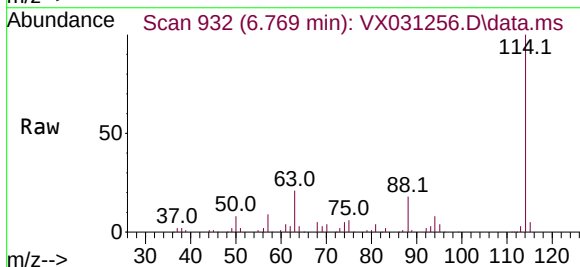
Tgt Ion: 114 Resp: 86109

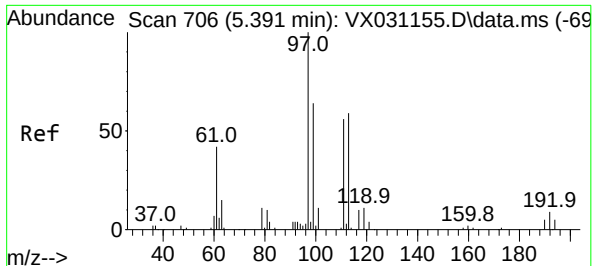
Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

88 17.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.020 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031256.D

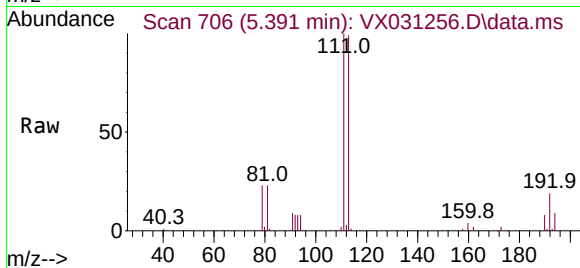
Acq: 09 Sep 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

ORG-0071



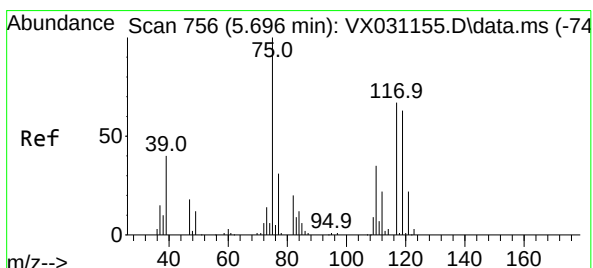
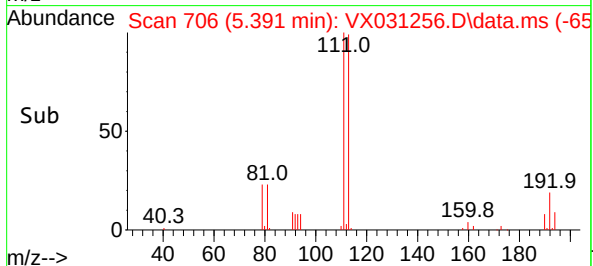
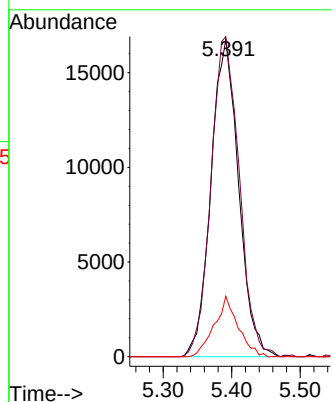
Tgt Ion:113 Resp: 46937

Ion Ratio Lower Upper

113 100

111 103.3 83.2 124.8

192 16.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.629 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX031256.D

Acq: 09 Sep 2022 14:57

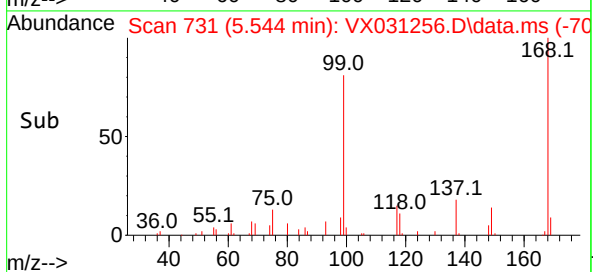
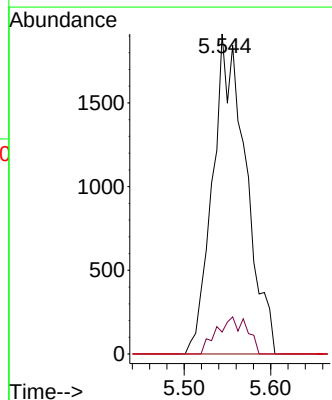
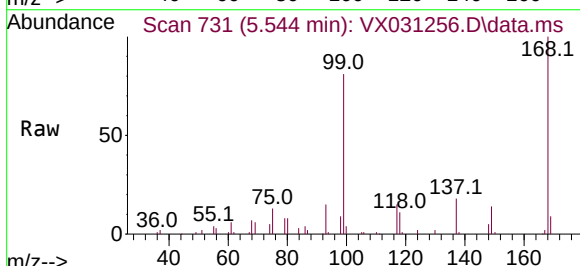
Tgt Ion: 75 Resp: 5099

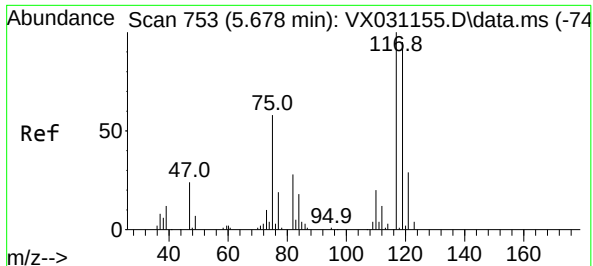
Ion Ratio Lower Upper

75 100

110 10.5 19.3 57.9#

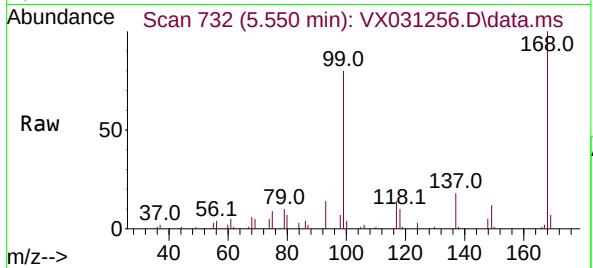
77 0.0 24.4 36.6#



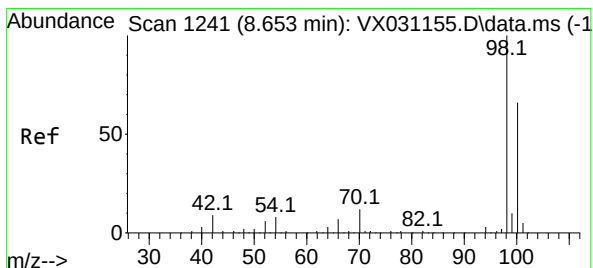
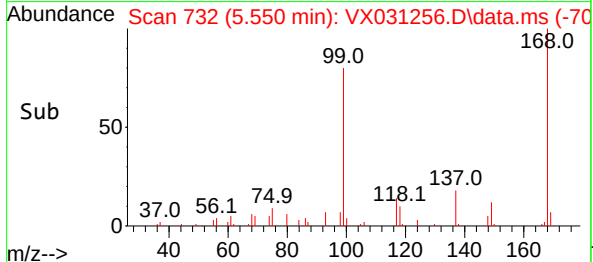
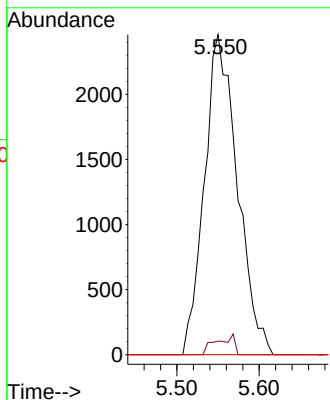


#38
Carbon Tetrachloride
Concen: 4.630 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Instrument :
MSVOA_X
ClientSampleId :
ORG-0071

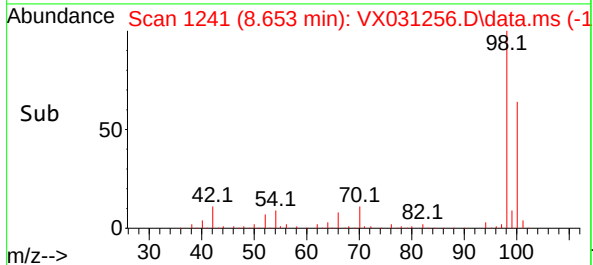
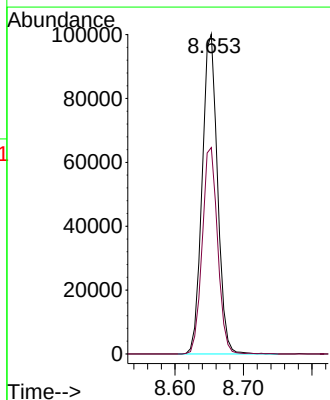
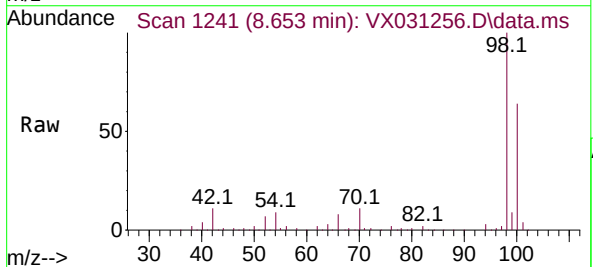


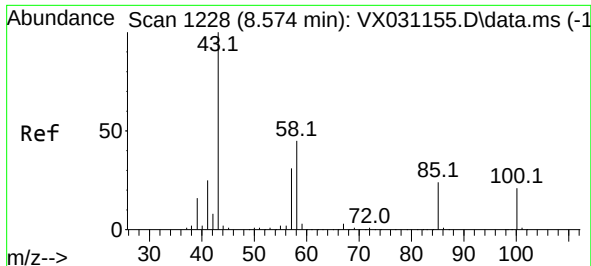
Tgt Ion:117 Resp: 6846
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 45.784 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Tgt Ion: 98 Resp: 156088
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

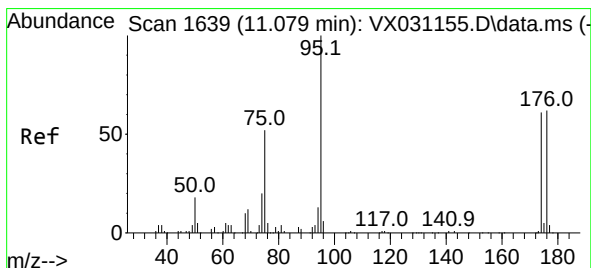
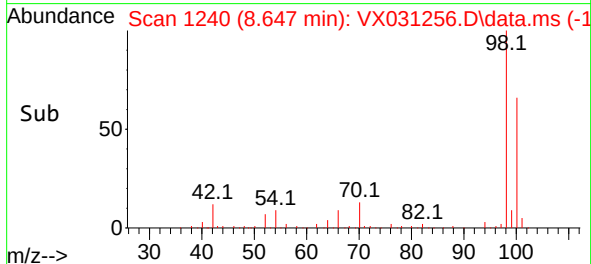
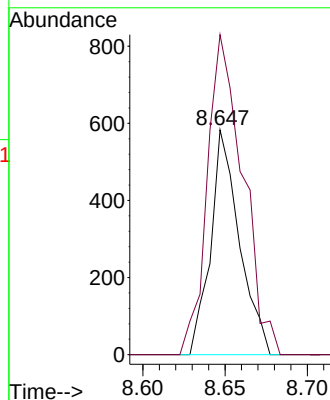
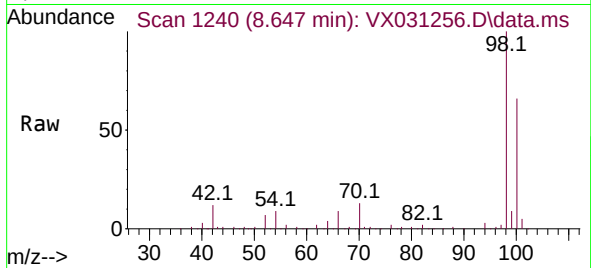




#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

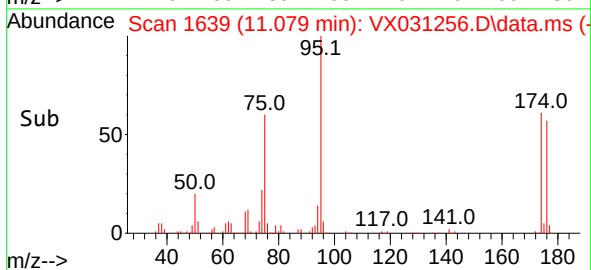
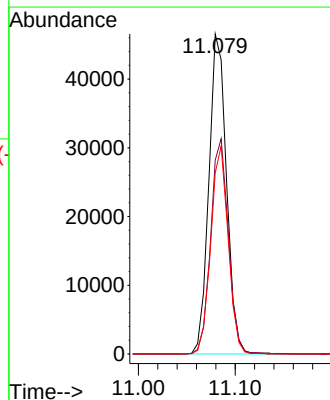
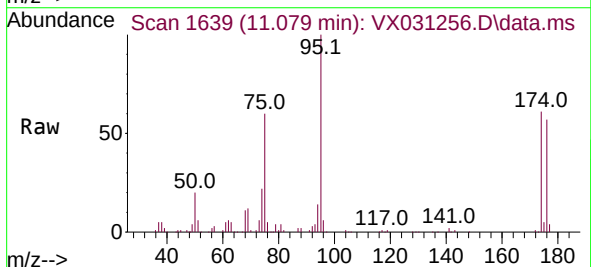
Instrument :
MSVOA_X
ClientSampleId :
ORG-0071

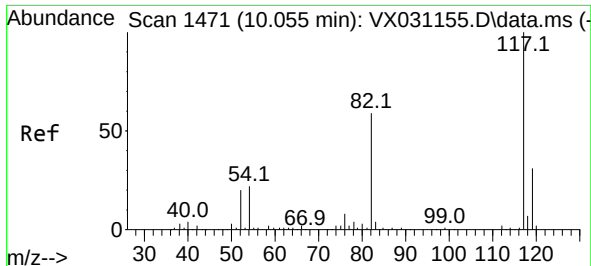
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 176.1 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 47.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Tgt Ion: 95 Resp: 58946
Ion Ratio Lower Upper
95 100
174 67.8 0.0 149.0
176 64.0 0.0 146.0

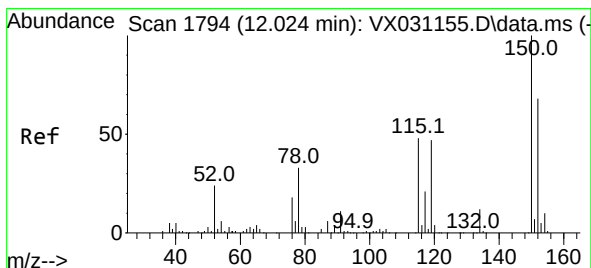
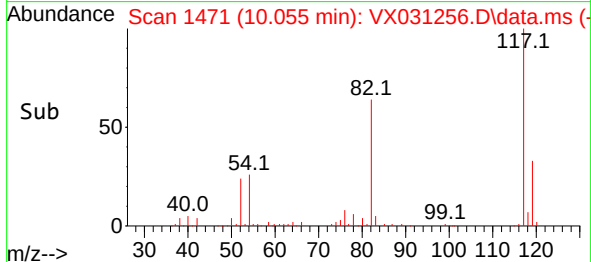
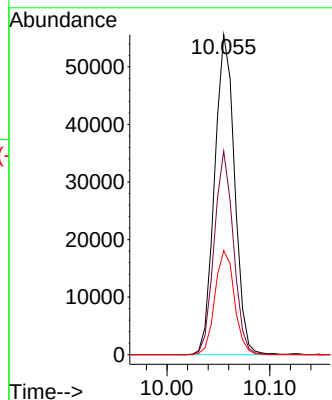
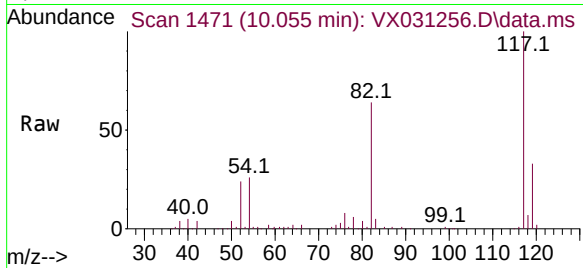




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

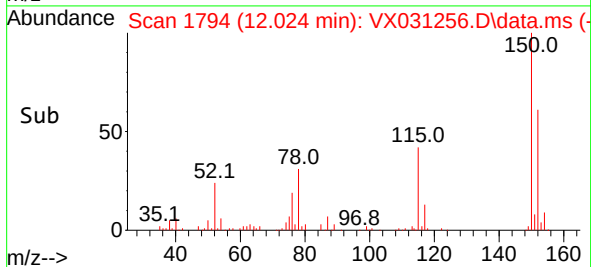
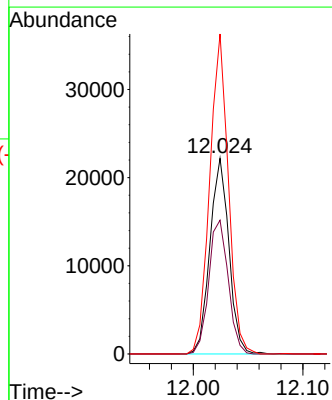
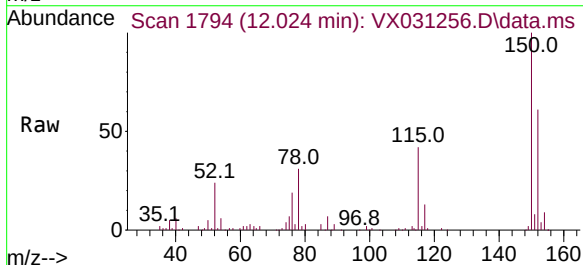
Instrument :
MSVOA_X
ClientSampleId :
ORG-0071

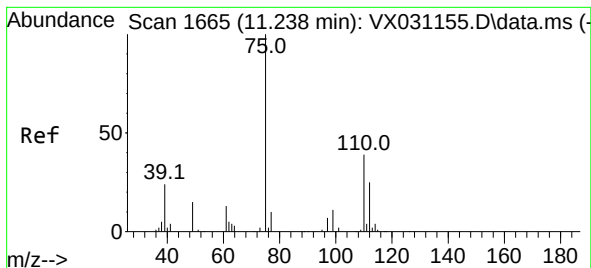
Tgt Ion:117 Resp: 75034
Ion Ratio Lower Upper
117 100
82 63.6 42.7 64.1
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Tgt Ion:152 Resp: 26709
Ion Ratio Lower Upper
152 100
115 69.9 40.5 121.5
150 159.7 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 46.969 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX031256.D

Acq: 09 Sep 2022 14:57

Instrument :

MSVOA_X

ClientSampleId :

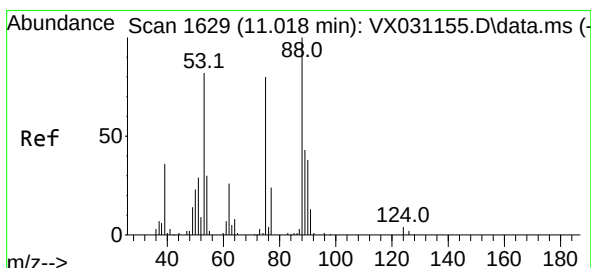
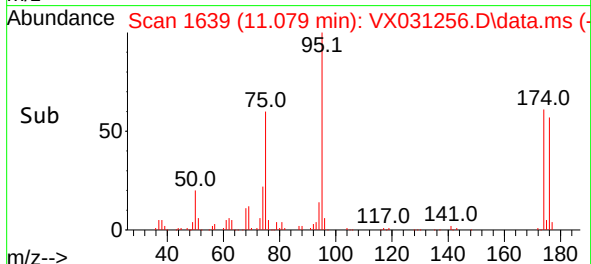
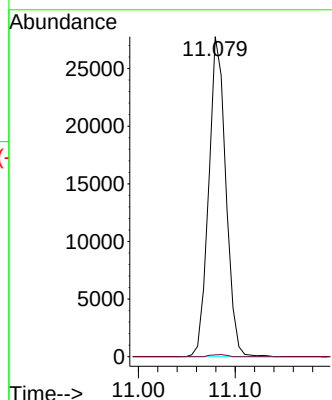
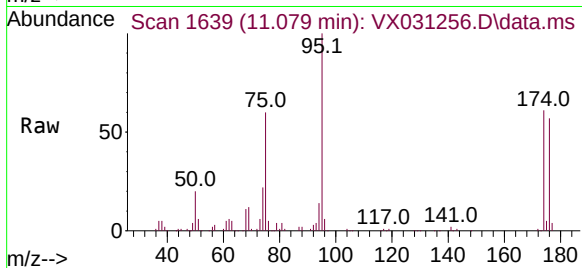
ORG-0071

Tgt Ion: 75 Resp: 34237

Ion Ratio Lower Upper

75 100

77 0.6 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 151.469 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031256.D

Acq: 09 Sep 2022 14:57

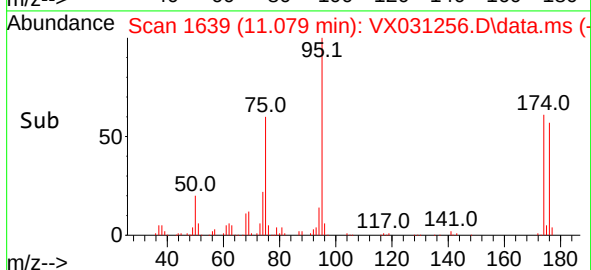
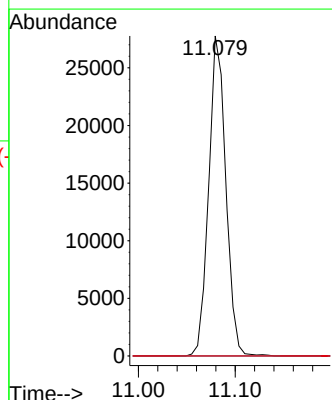
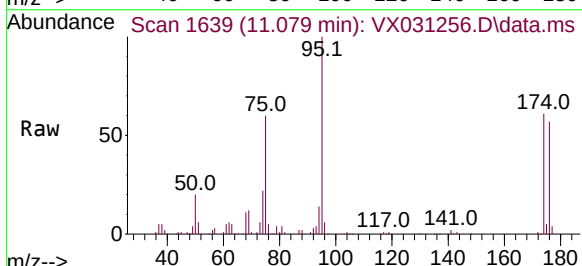
Tgt Ion: 75 Resp: 34237

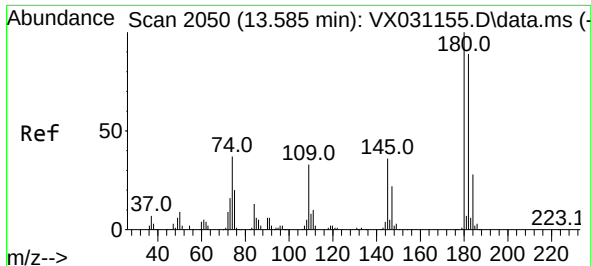
Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

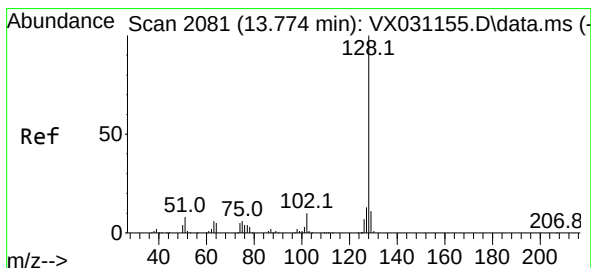
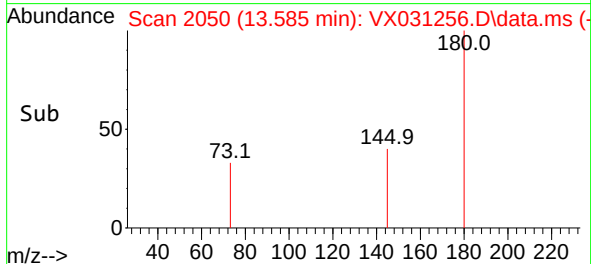
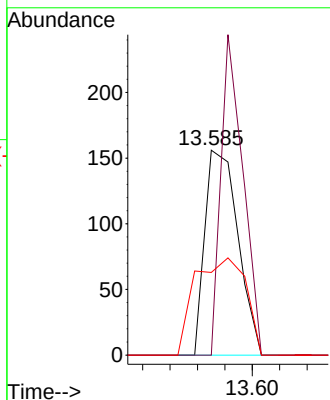
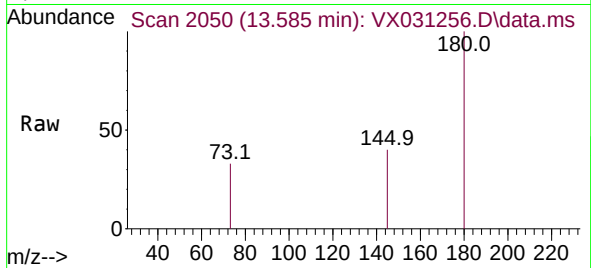




#93
1,2,4-Trichlorobenzene
Concen: 0.244 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Instrument :
MSVOA_X
ClientSampleId :
ORG-0071

Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.8	48.2	144.6
145	72.5	15.9	47.6



#95
Naphthalene
Concen: 0.263 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031256.D
Acq: 09 Sep 2022 14:57

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2
129	0.0	8.6	13.0

