

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035506.D
 Acq On : 03 May 2023 13:51
 Operator : JC/MD
 Sample : 02583-01
 Misc : 18.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CF-21

Quant Time: May 04 03:56:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

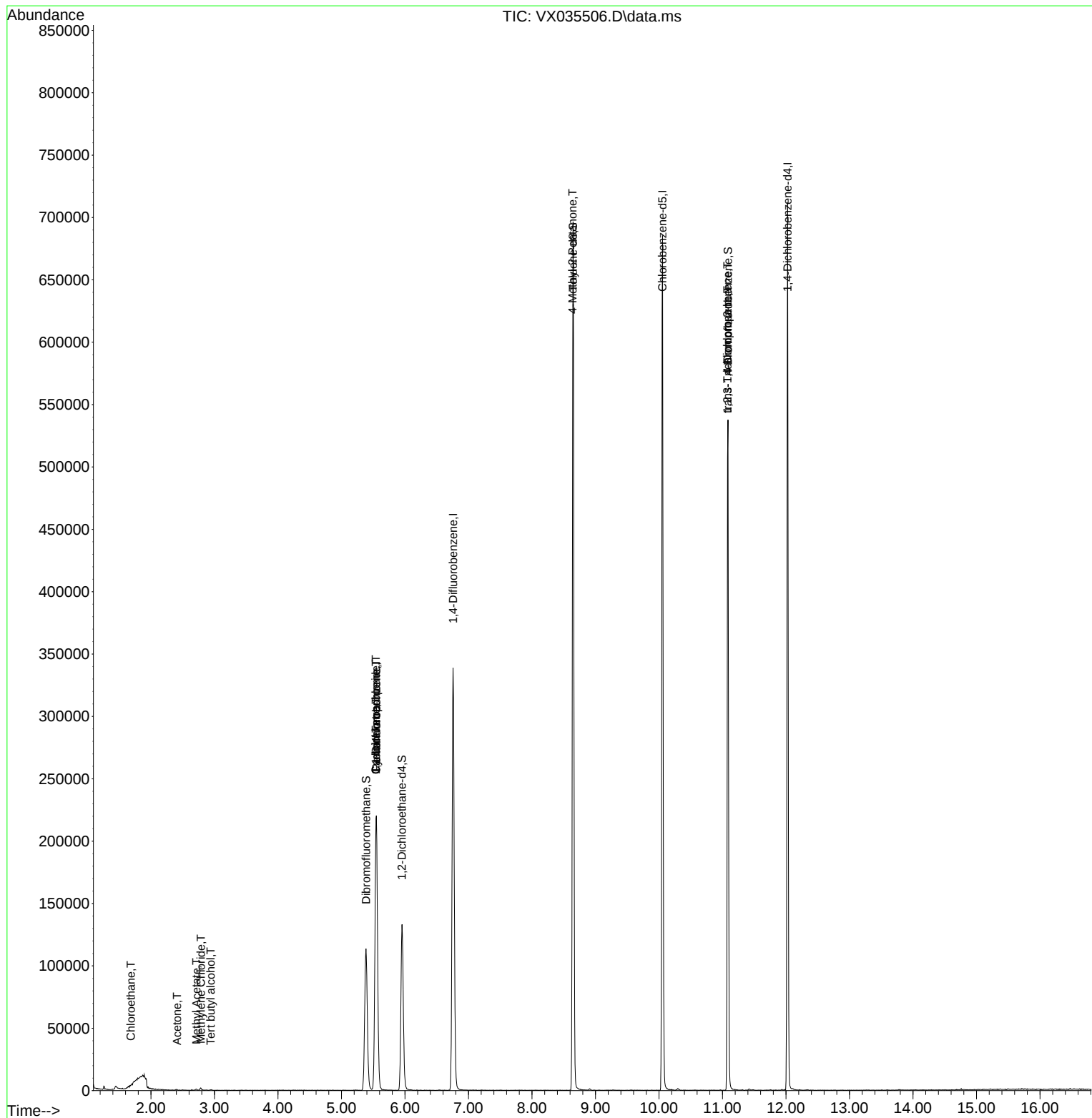
Internal Standards						
1) Pentafluorobenzene	5.550	168	219094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	359394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129270	48.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.820%
35) Dibromofluoromethane	5.385	113	102210	46.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	8.647	98	420475	50.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.060%
62) 4-Bromofluorobenzene	11.085	95	162784	52.003	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.000%
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	315	0.255	ug/l #	42
11) Tert butyl alcohol	2.941	59	281	0.584	ug/l #	73
16) Acetone	2.410	43	632	0.551	ug/l	92
18) Methyl Acetate	2.715	43	1201	0.271	ug/l	99
20) Methylene Chloride	2.788	84	1008	0.383	ug/l #	83
31) Cyclohexane	5.544	56	4067	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	15660	4.547	ug/l #	51
38) Carbon Tetrachloride	5.544	117	21514	6.580	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1889	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	78075	25.497	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	78075	82.580	ug/l #	8

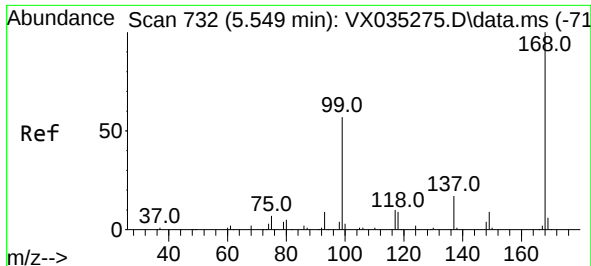
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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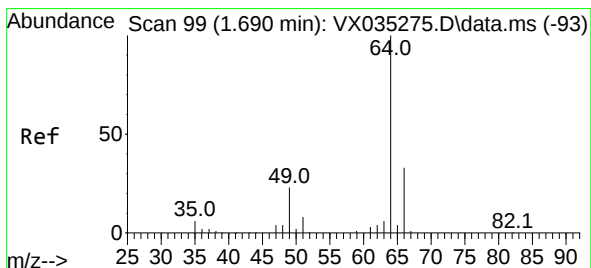
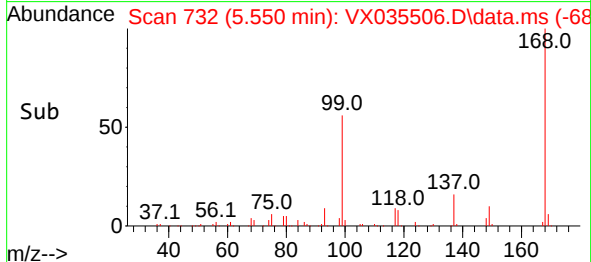
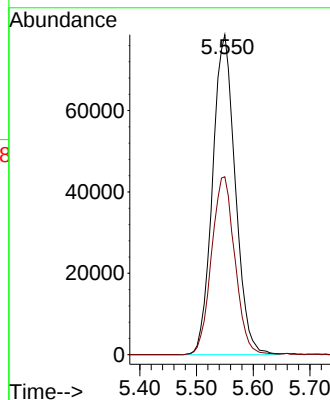
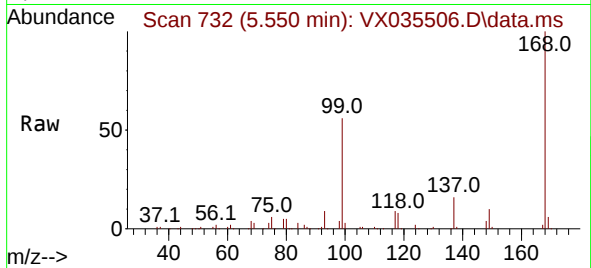




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

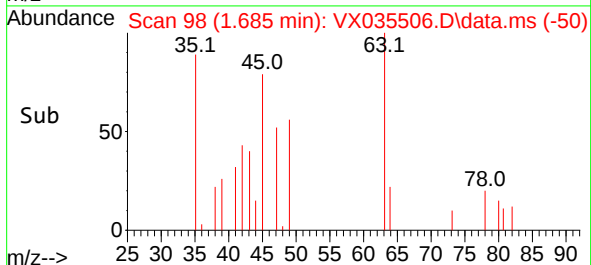
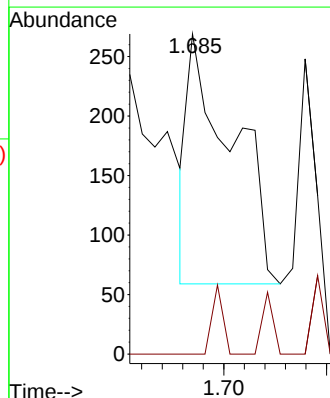
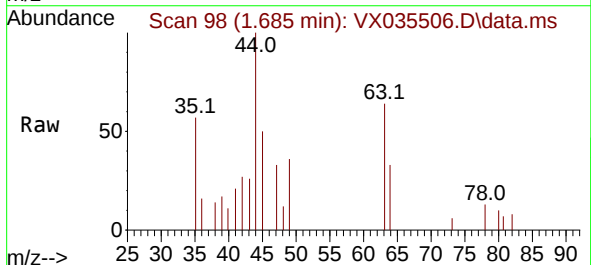
Instrument :
MSVOA_X
ClientSampleId :
CF-21

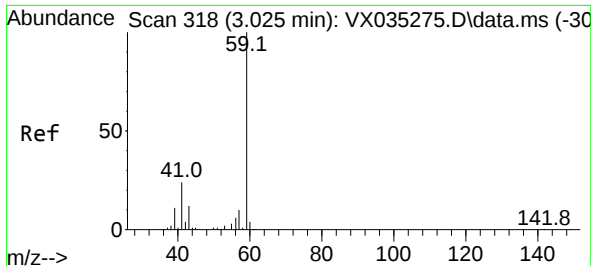
Tgt Ion:168 Resp: 219094
Ion Ratio Lower Upper
168 100
99 55.6 45.7 68.5



#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.005 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

Tgt Ion: 64 Resp: 315
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4





#11

Tert butyl alcohol

Concen: 0.584 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.084 min

Lab File: VX035506.D

Acq: 03 May 2023 13:51

Instrument :

MSVOA_X

ClientSampleId :

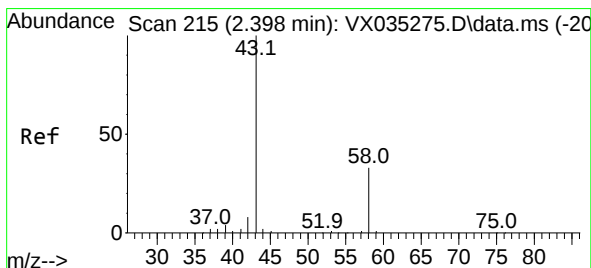
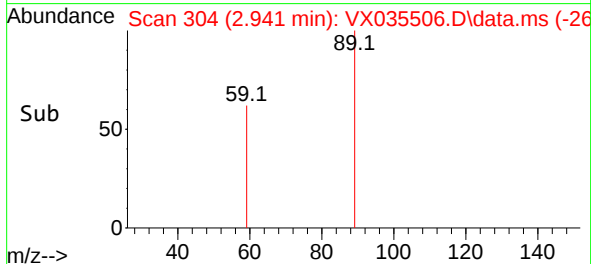
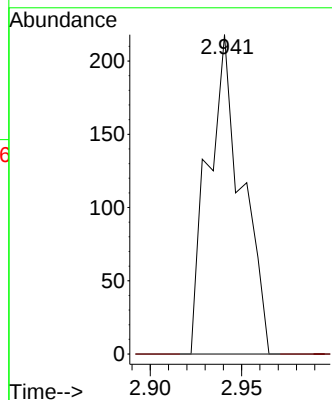
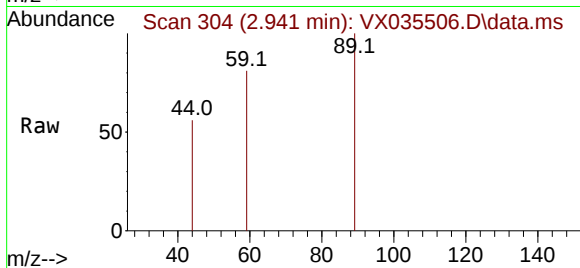
CF-21

Tgt Ion: 59 Resp: 281

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.551 ug/l

RT: 2.410 min Scan# 217

Delta R.T. 0.012 min

Lab File: VX035506.D

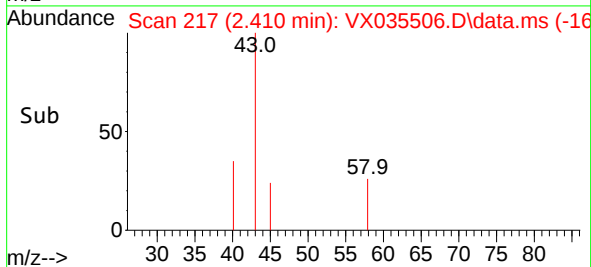
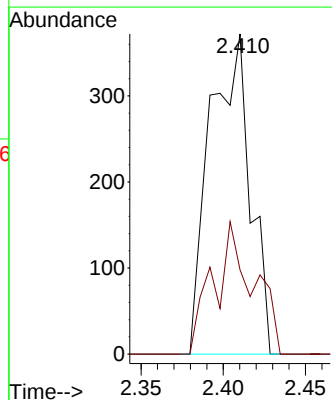
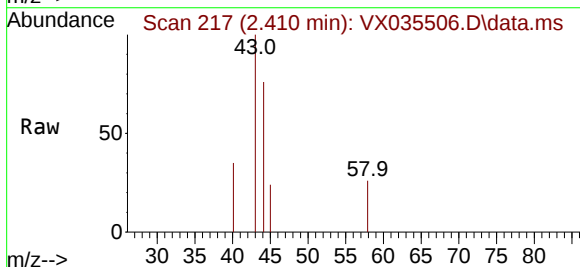
Acq: 03 May 2023 13:51

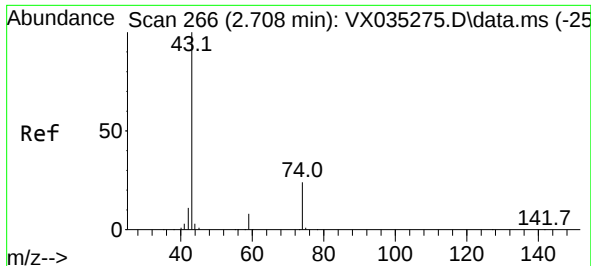
Tgt Ion: 43 Resp: 632

Ion Ratio Lower Upper

43 100

58 26.3 24.7 37.1

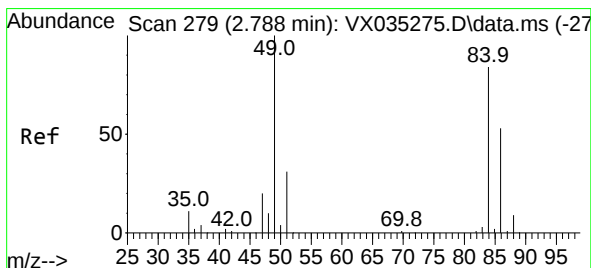
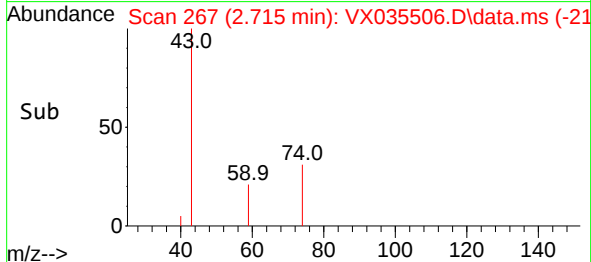
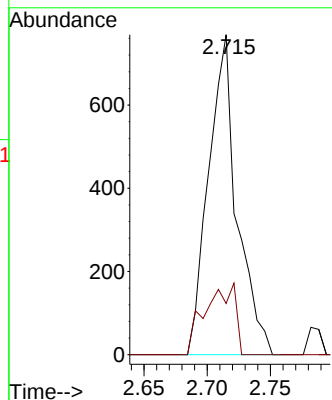
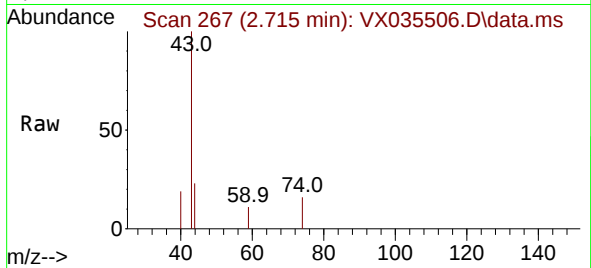




#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.007 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

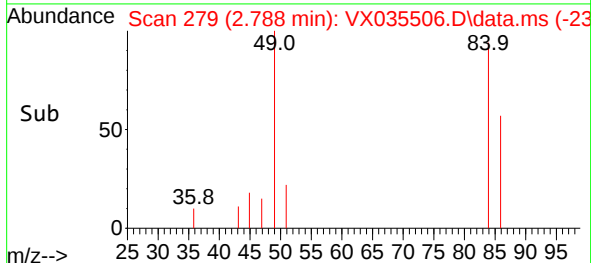
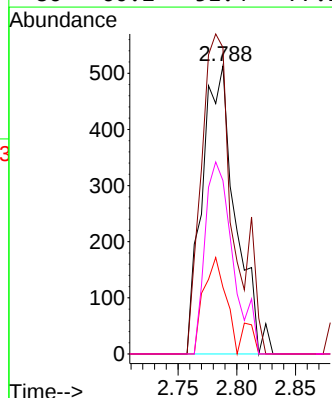
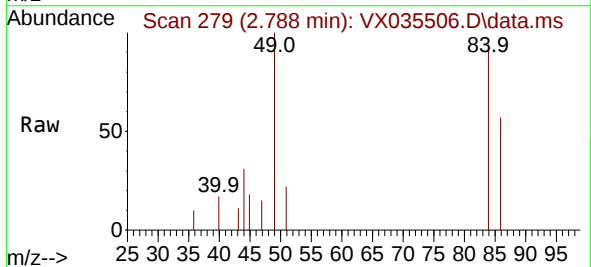
Instrument :
MSVOA_X
ClientSampleId :
CF-21

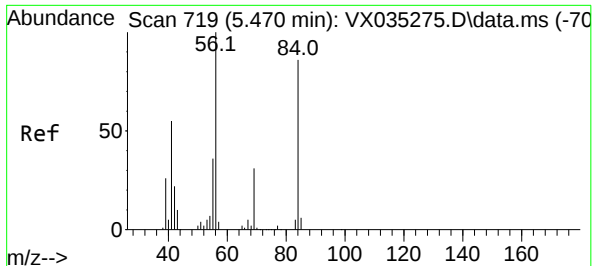
Tgt Ion: 43 Resp: 1201
Ion Ratio Lower Upper
43 100
74 23.4 18.3 27.5



#20
Methylene Chloride
Concen: 0.383 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

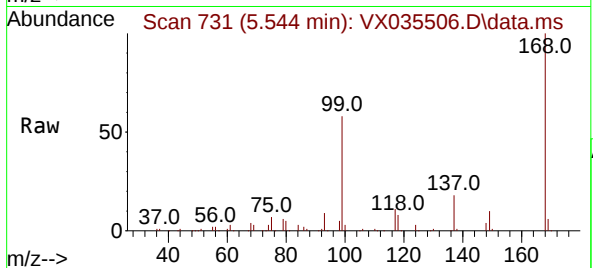
Tgt Ion: 84 Resp: 1008
Ion Ratio Lower Upper
84 100
49 106.4 103.8 155.8
51 23.2 31.8 47.8#
86 60.2 51.4 77.2



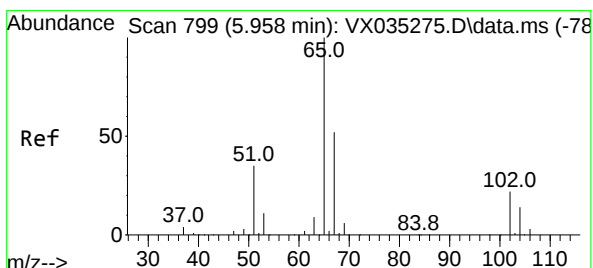
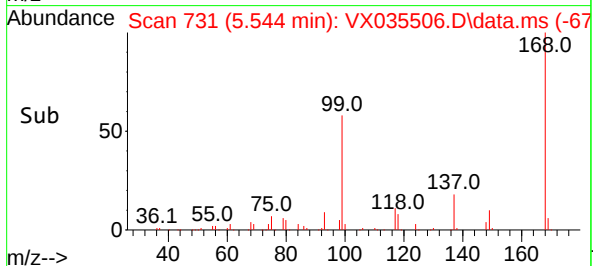
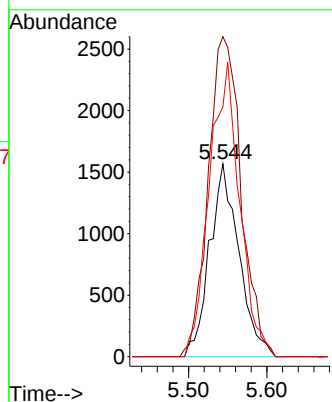


#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

Instrument :
MSVOA_X
ClientSampleId :
CF-21

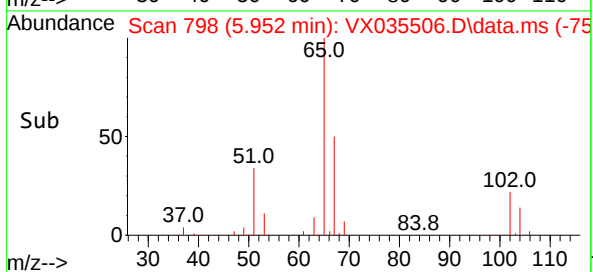
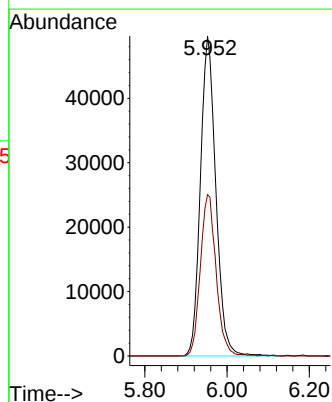
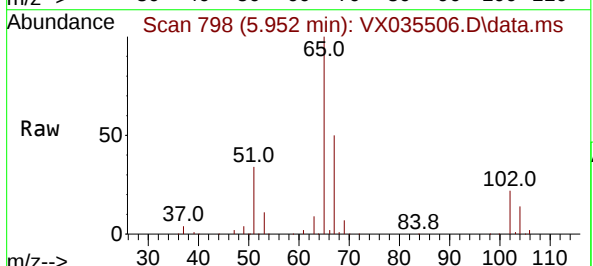


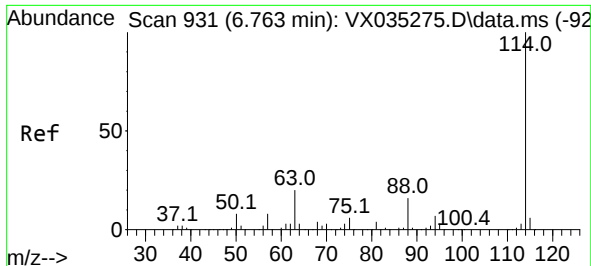
Tgt Ion: 56 Resp: 4067
Ion Ratio Lower Upper
56 100
69 166.0 23.7 35.5#
84 129.6 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.906 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

Tgt Ion: 65 Resp: 129270
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

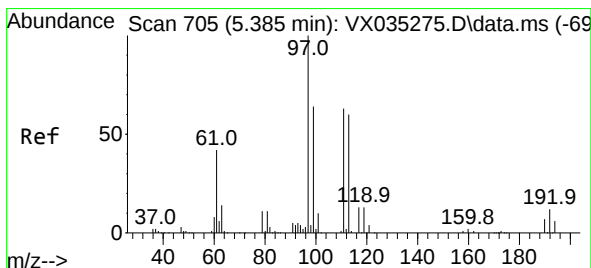
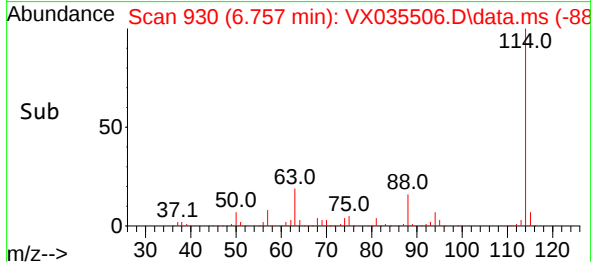
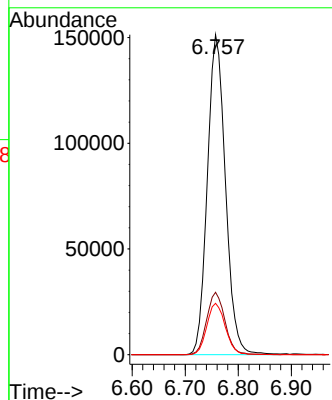
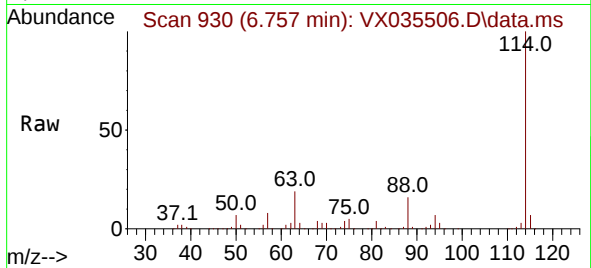




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

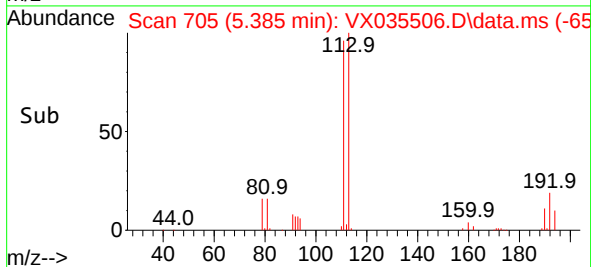
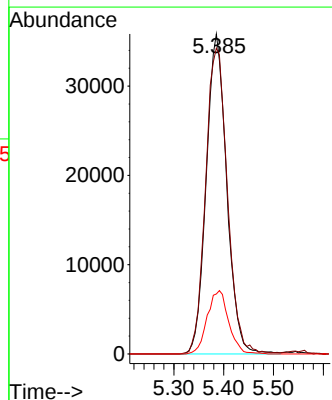
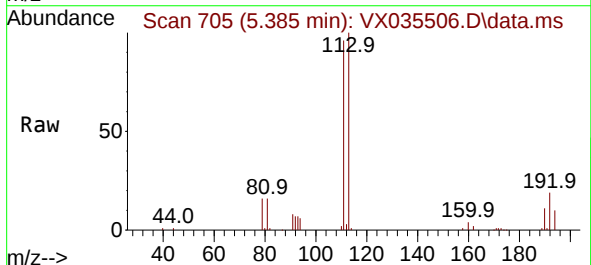
Instrument :
MSVOA_X
ClientSampleId :
CF-21

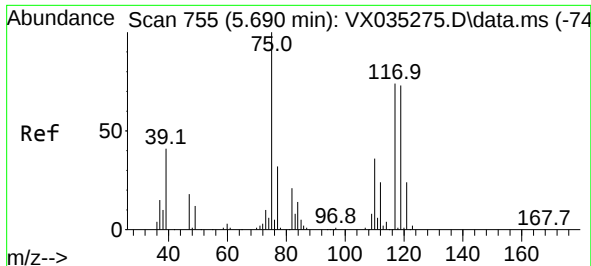
Tgt Ion:114 Resp: 359394
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.336 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

Tgt Ion:113 Resp: 102210
Ion Ratio Lower Upper
113 100
111 102.0 83.7 125.5
192 20.7 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.547 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX035506.D

Acq: 03 May 2023 13:51

Instrument :

MSVOA_X

ClientSampleId :

CF-21

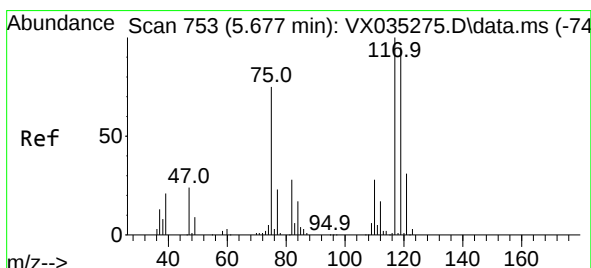
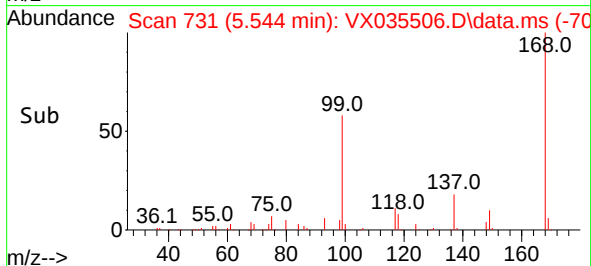
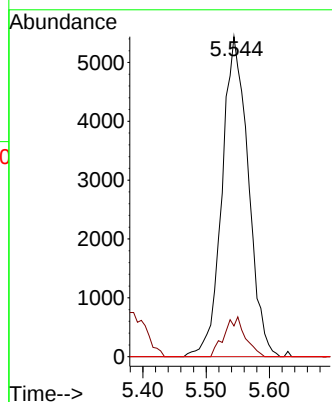
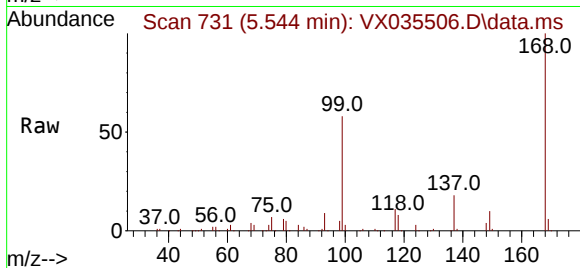
Tgt Ion: 75 Resp: 15660

Ion Ratio Lower Upper

75 100

110 10.0 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.580 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.133 min

Lab File: VX035506.D

Acq: 03 May 2023 13:51

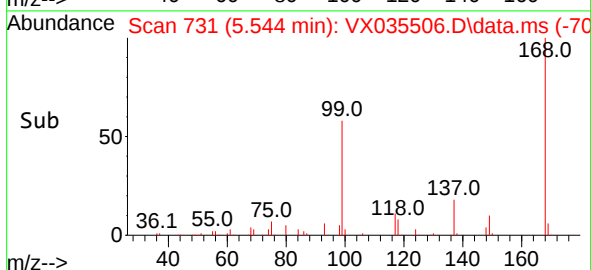
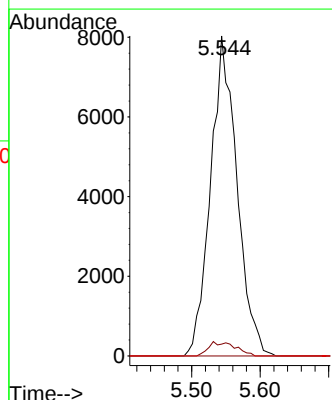
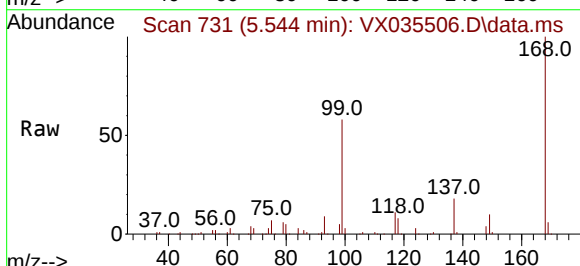
Tgt Ion: 117 Resp: 21514

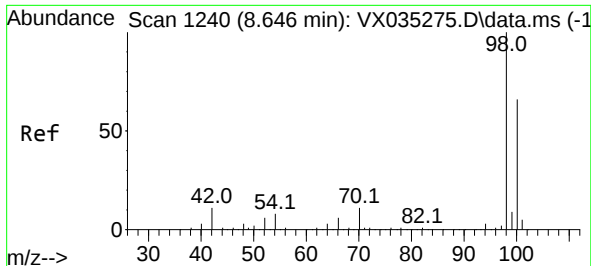
Ion Ratio Lower Upper

117 100

119 3.7 76.6 114.8#

121 0.0 23.8 35.6#

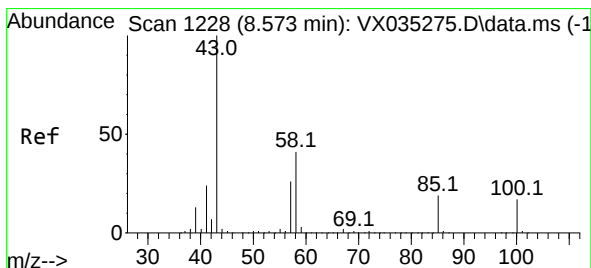
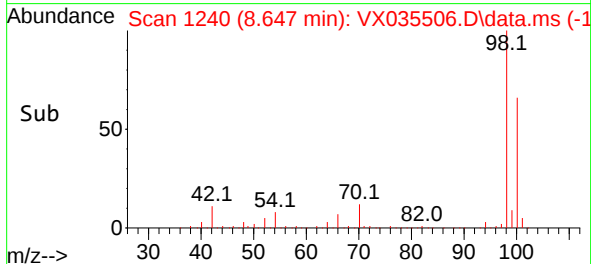
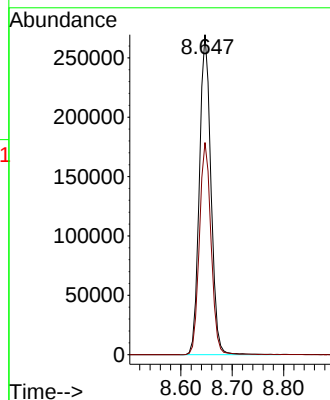
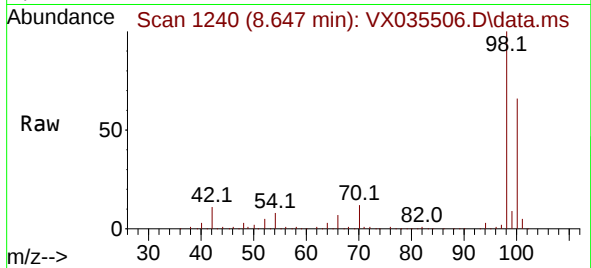




#50
Toluene-d8
Concen: 50.530 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

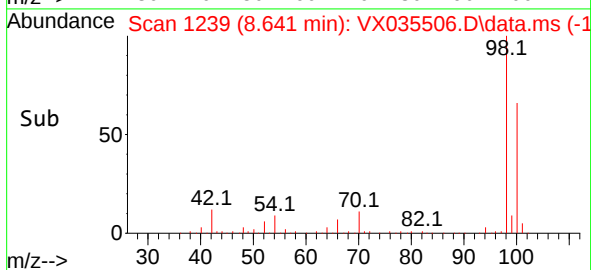
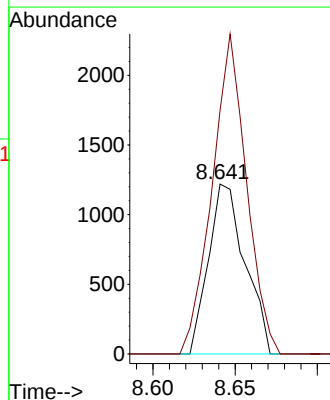
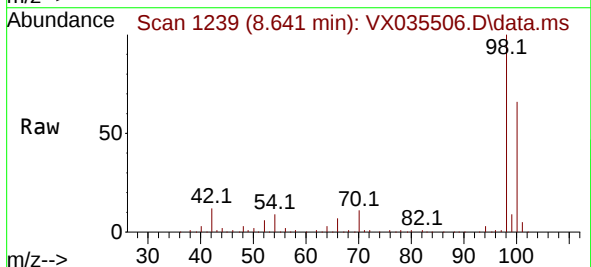
Instrument :
MSVOA_X
ClientSampleId :
CF-21

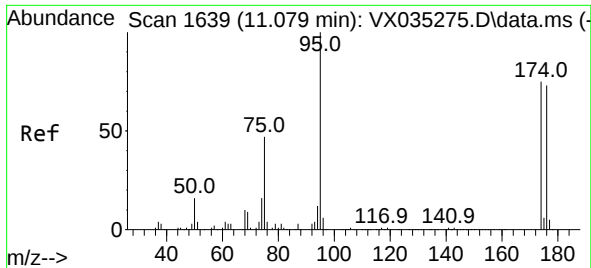
Tgt Ion: 98 Resp: 420475
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.582 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.068 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
58 177.0 30.6 46.0#

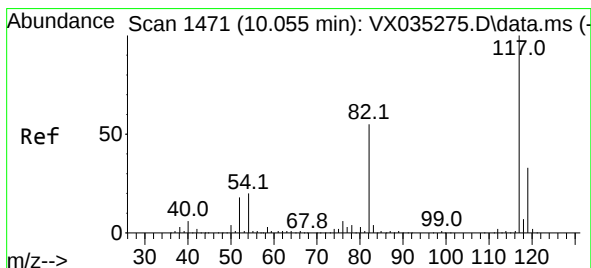
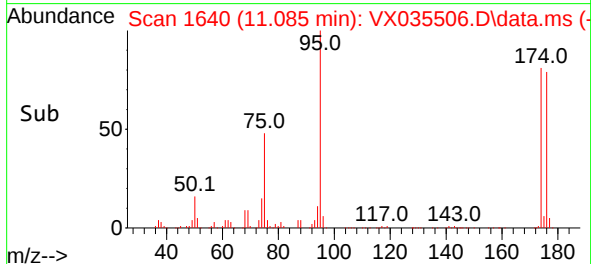
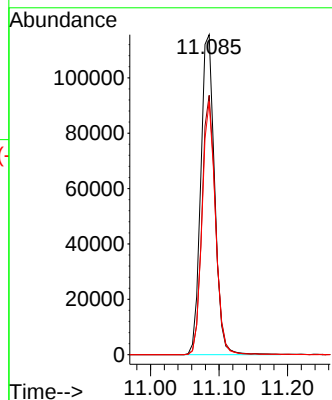
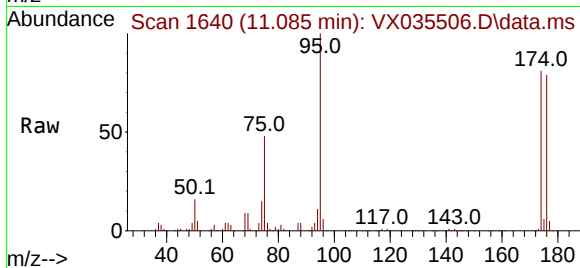




#62
4-Bromofluorobenzene
Concen: 52.003 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

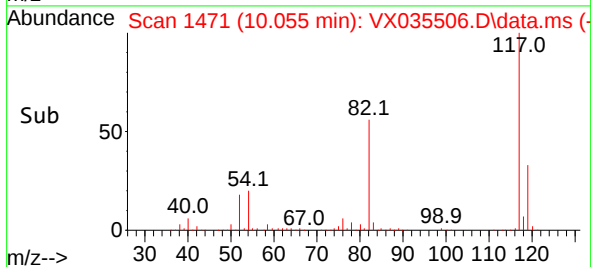
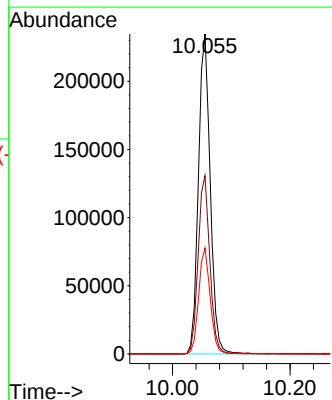
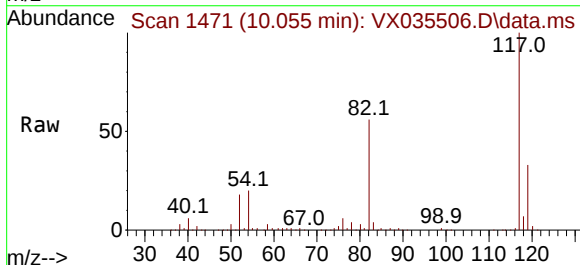
Instrument :
MSVOA_X
ClientSampleId :
CF-21

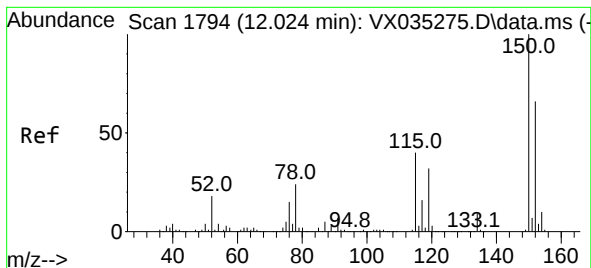
Tgt Ion: 95 Resp: 162784
Ion Ratio Lower Upper
95 100
174 79.0 0.0 147.4
176 76.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035506.D
Acq: 03 May 2023 13:51

Tgt Ion: 117 Resp: 328561
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 33.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035506.D

Acq: 03 May 2023 13:51

Instrument :

MSVOA_X

ClientSampleId :

CF-21

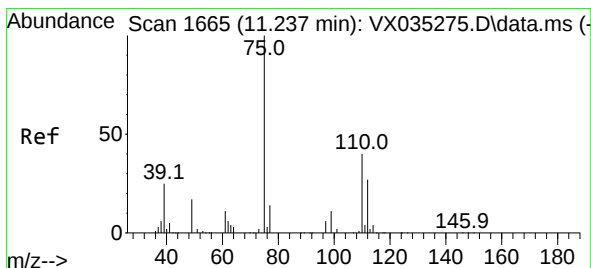
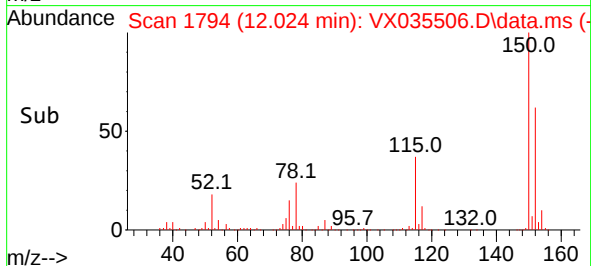
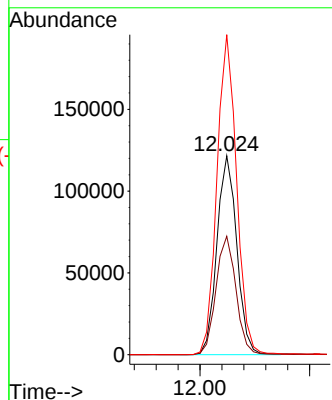
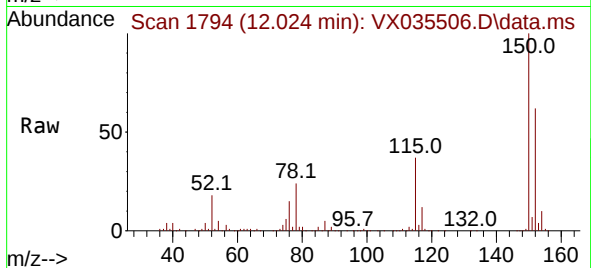
Tgt Ion:152 Resp: 153507

Ion Ratio Lower Upper

152 100

115 60.1 45.0 135.0

150 158.8 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.497 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035506.D

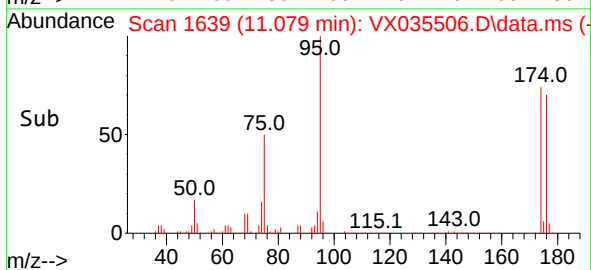
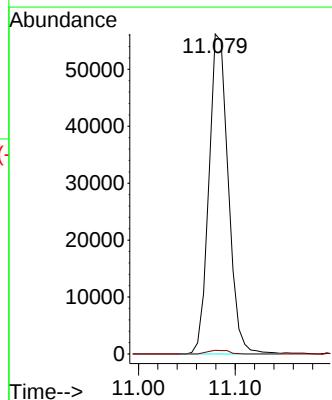
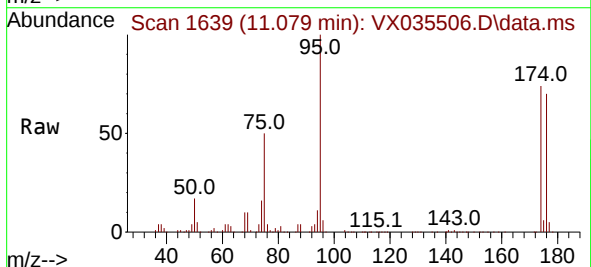
Acq: 03 May 2023 13:51

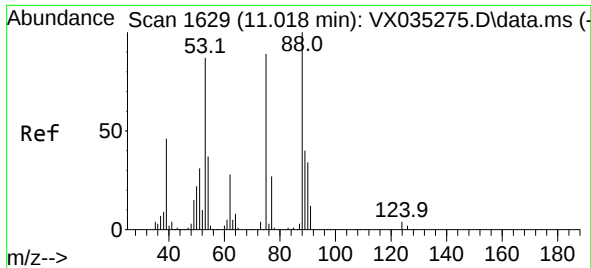
Tgt Ion: 75 Resp: 78075

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.580 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX035506.D
 Acq: 03 May 2023 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 CF-21

Tgt Ion: 75 Resp: 78075
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

