

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012422\
 Data File : VX026555.D
 Acq On : 24 Jan 2022 12:51
 Operator : JC/MD
 Sample : N1245-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

Quant Time: Jan 25 03:25:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

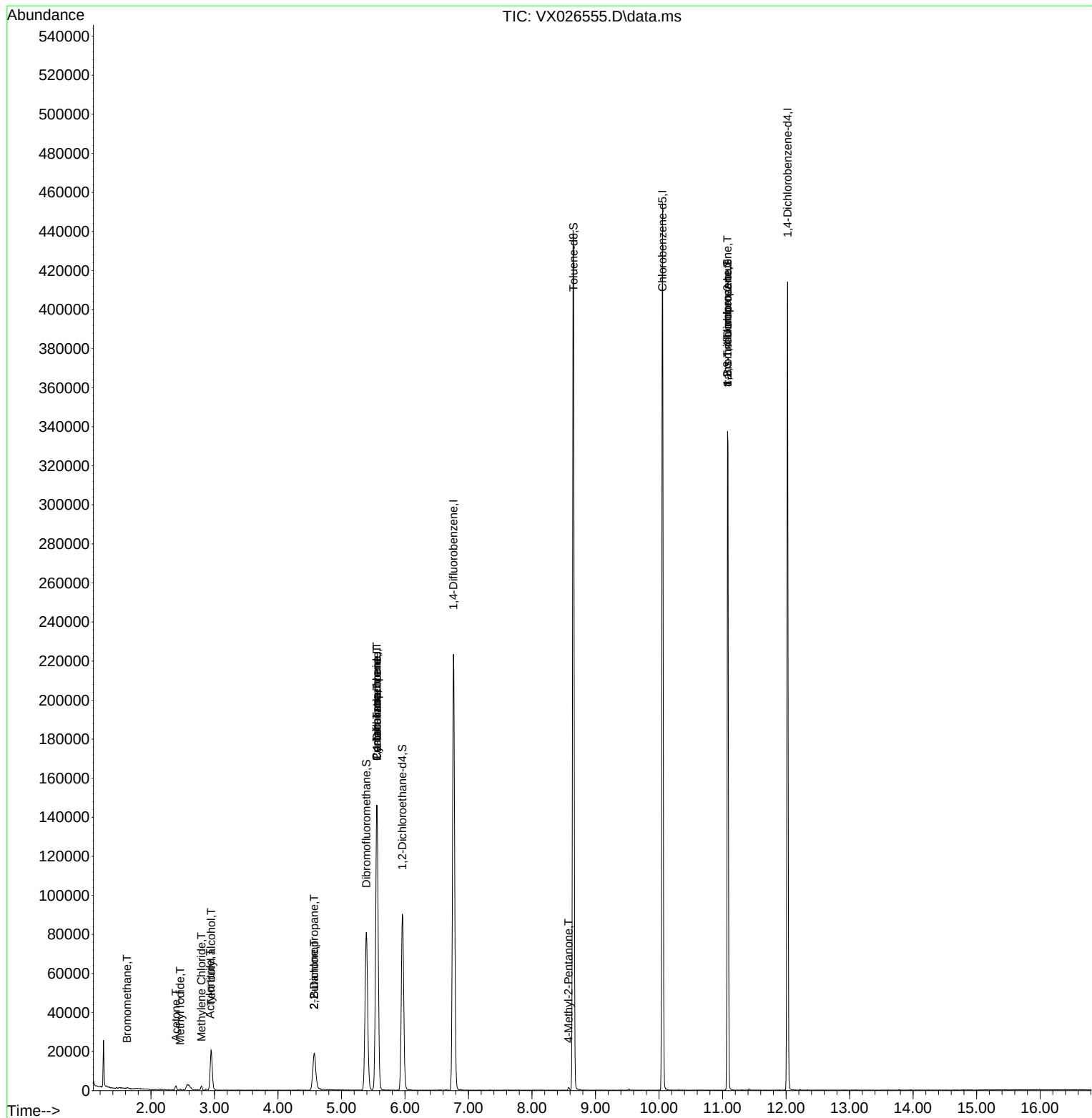
Internal Standards						
1) Pentafluorobenzene	5.556	168	136319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88905	46.687	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.380%
35) Dibromofluoromethane	5.391	113	71754	48.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.653	98	265031	50.162	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	94729	50.471	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.940%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	184	0.257	ug/l	94
10) Methyl Iodide	2.459	142	401	4.673	ug/l #	84
11) Tert butyl alcohol	2.946	59	12736	48.078	ug/l #	78
15) Acrylonitrile	2.934	53	196	0.240	ug/l #	17
16) Acetone	2.392	43	2705	2.785	ug/l	95
20) Methylene Chloride	2.794	84	931	0.580	ug/l	98
25) 2-Butanone	4.568	43	1463	1.158	ug/l #	50
26) 2,2-Dichloropropane	4.568	77	1520	0.714	ug/l #	54
31) Cyclohexane	5.556	56	2696	0.960	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11122	4.805	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13985	5.874	ug/l #	18
51) 4-Methyl-2-Pentanone	8.574	43	959	0.427	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	47834	26.399	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47834	79.965	ug/l #	3

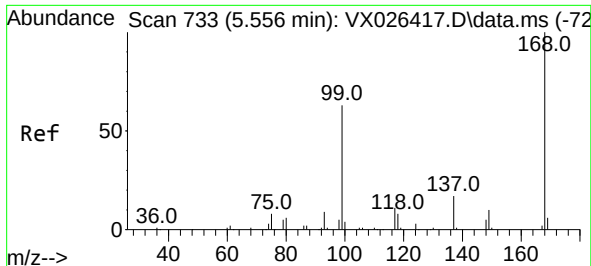
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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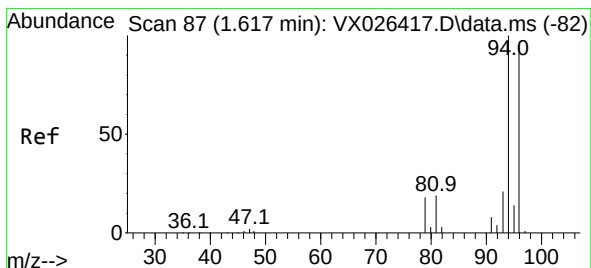
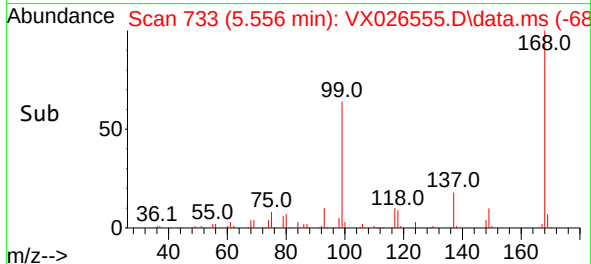
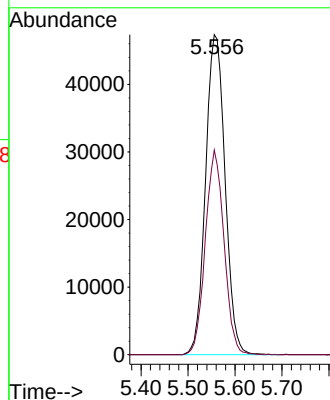
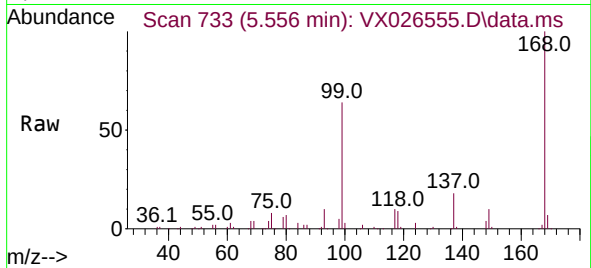




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

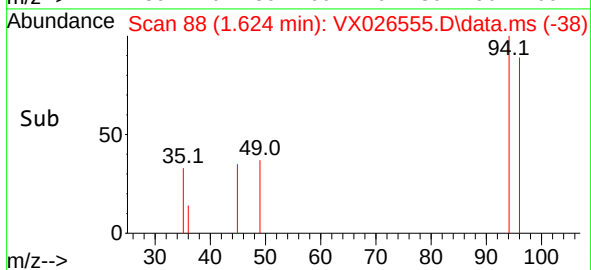
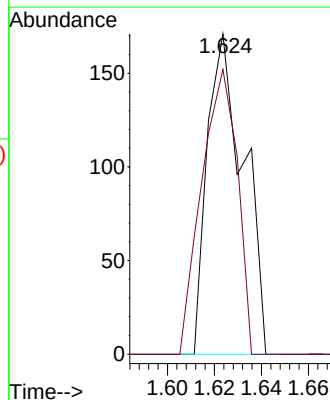
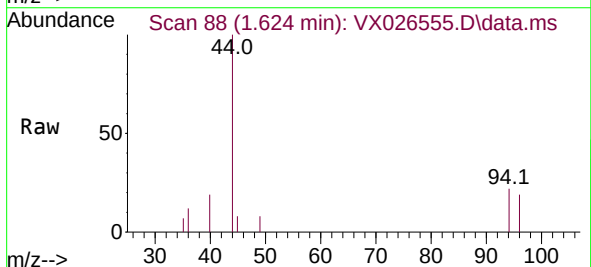
Instrument :
MSVOA_X
ClientSampleId :
FB

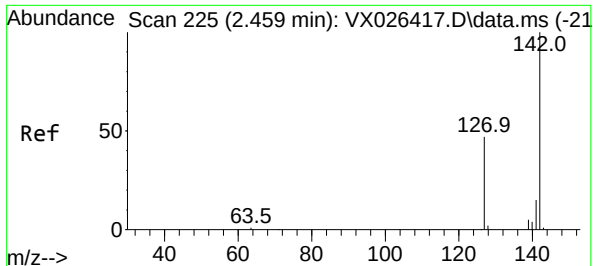
Tgt Ion:168 Resp: 136319
Ion Ratio Lower Upper
168 100
99 63.9 50.3 75.5



#5
Bromomethane
Concen: 0.257 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

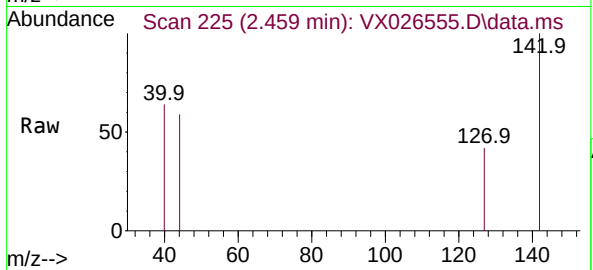
Tgt Ion: 94 Resp: 184
Ion Ratio Lower Upper
94 100
96 88.9 75.9 113.9



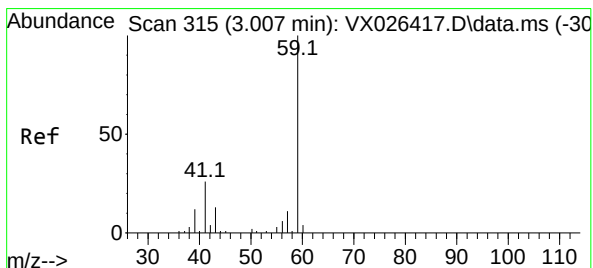
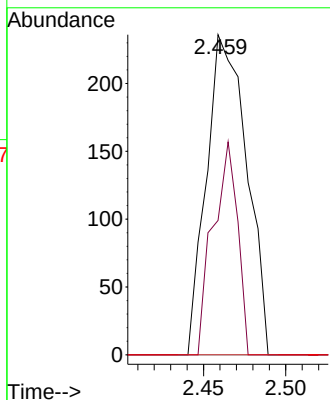
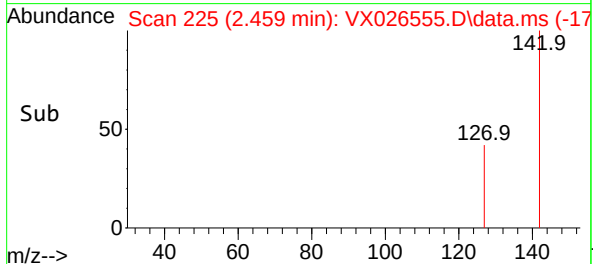


#10
Methyl Iodide
Concen: 4.673 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
FB

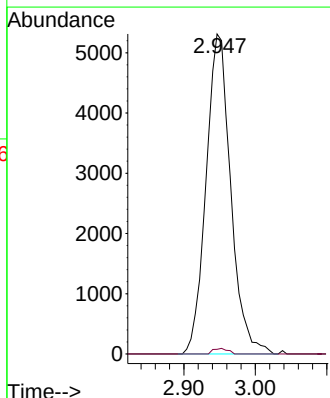
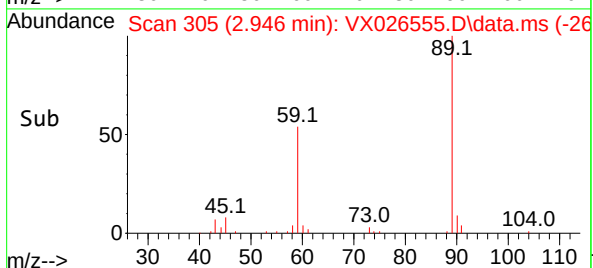
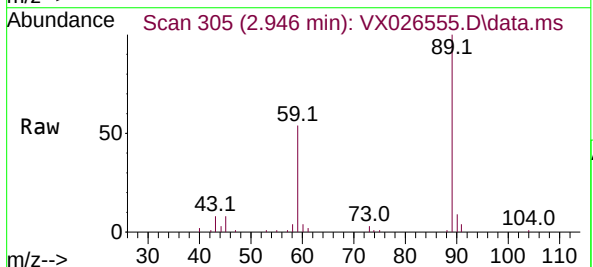


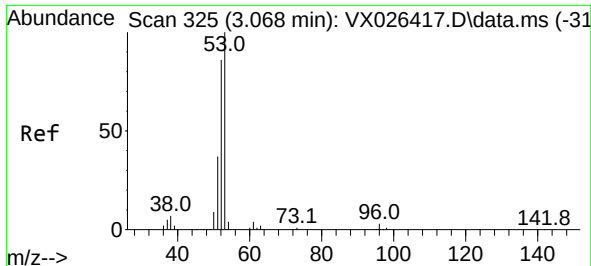
Tgt Ion:142 Resp: 401
Ion Ratio Lower Upper
142 100
127 40.4 38.1 57.1
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 48.078 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Tgt Ion: 59 Resp: 12736
Ion Ratio Lower Upper
59 100
57 1.0 7.2 10.8#





#15

Acrylonitrile

Concen: 0.240 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.134 min

Lab File: VX026555.D

Acq: 24 Jan 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

FB

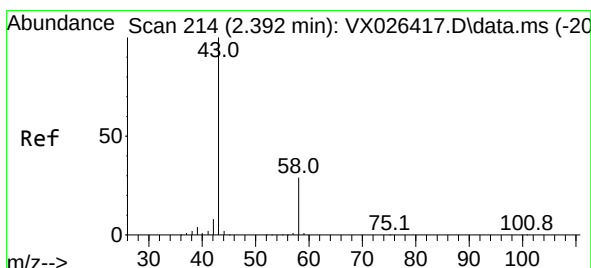
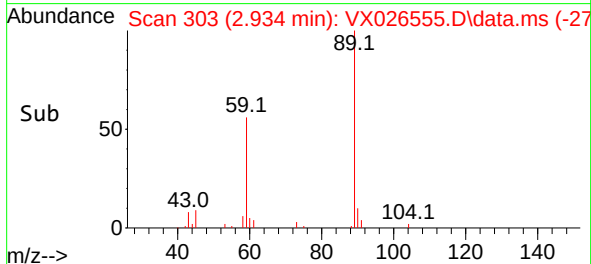
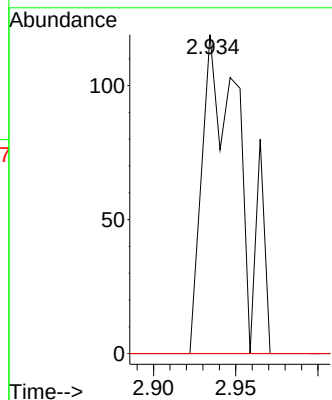
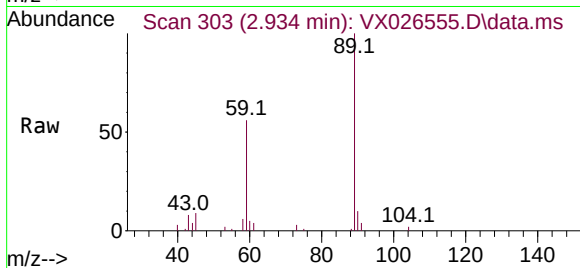
Tgt Ion: 53 Resp: 196

Ion Ratio Lower Upper

53 100

52 0.0 66.6 100.0#

51 0.0 29.5 44.3#



#16

Acetone

Concen: 2.785 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX026555.D

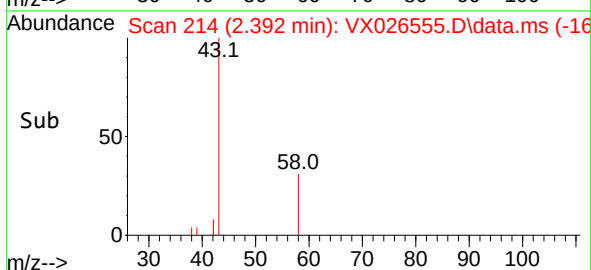
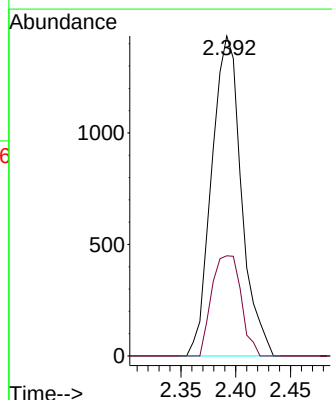
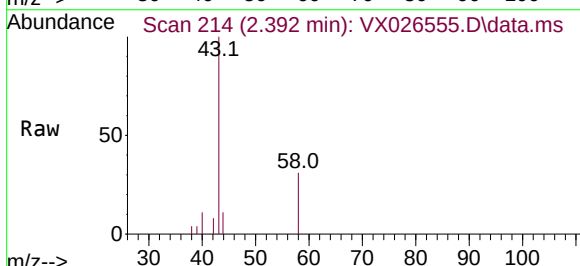
Acq: 24 Jan 2022 12:51

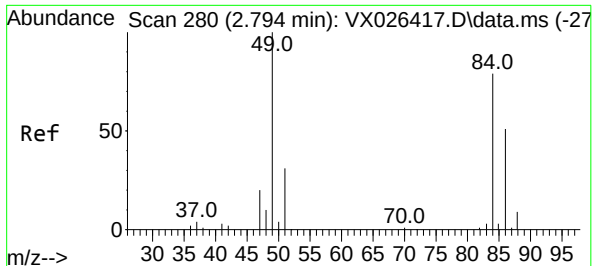
Tgt Ion: 43 Resp: 2705

Ion Ratio Lower Upper

43 100

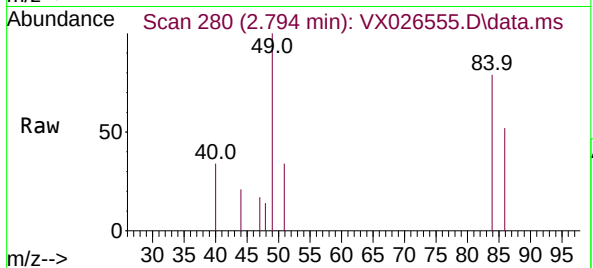
58 31.3 23.0 34.6



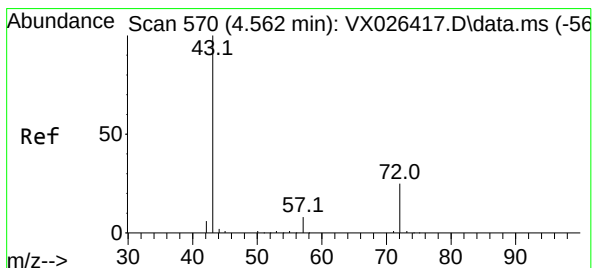
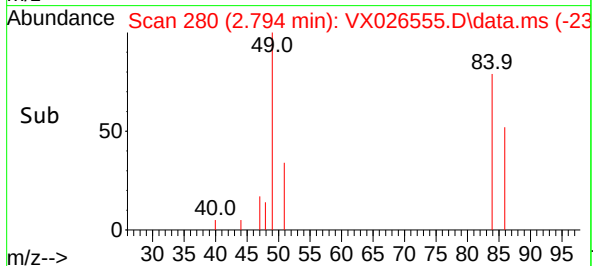
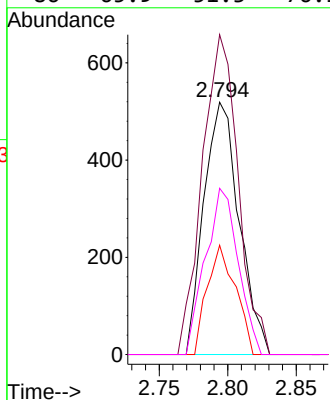


#20
Methylene Chloride
Concen: 0.580 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
FB

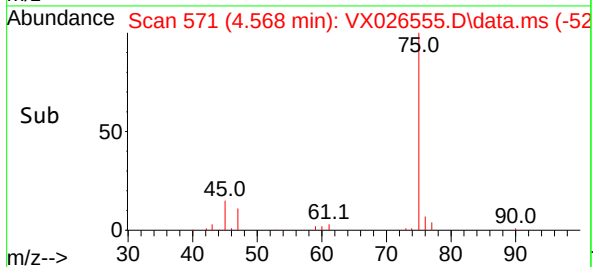
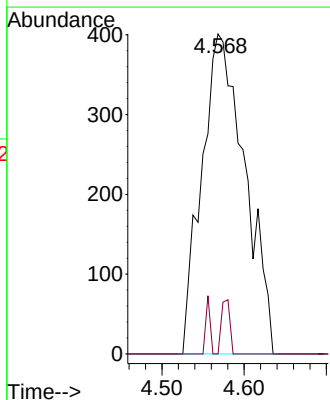
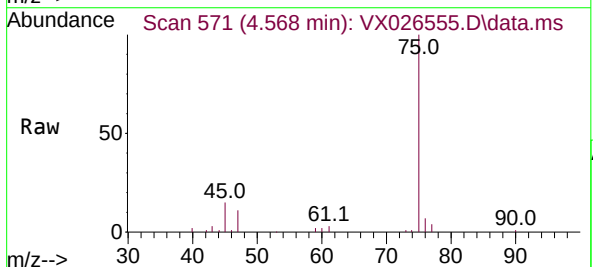


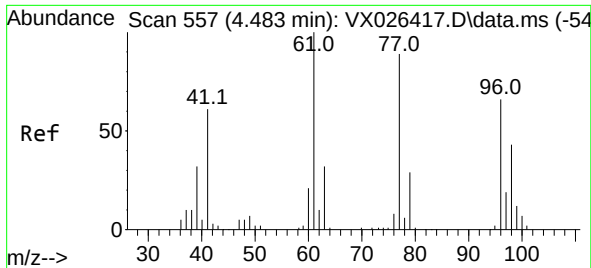
Tgt Ion:	84	Resp:	931
Ion	Ratio	Lower	Upper
84	100		
49	126.8	101.5	152.3
51	43.4	31.2	46.8
86	65.9	51.3	76.9



#25
2-Butanone
Concen: 1.158 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Tgt Ion:	43	Resp:	1463
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.4	30.6

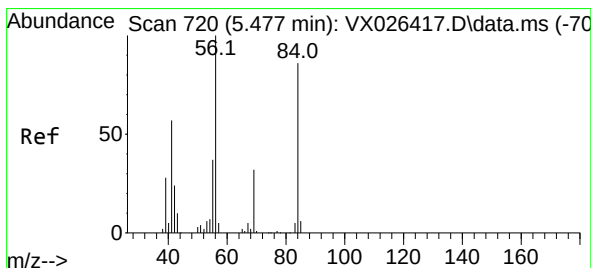
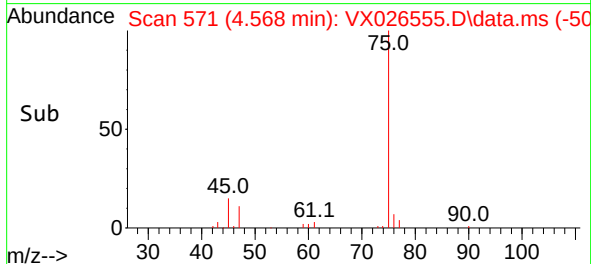
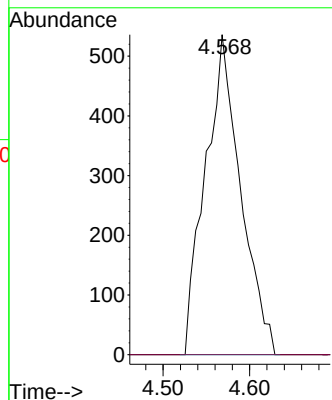
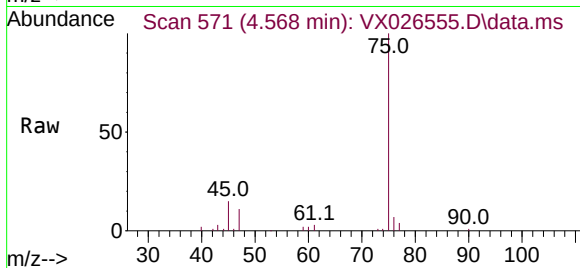




#26
2,2-Dichloropropane
Concen: 0.714 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.085 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

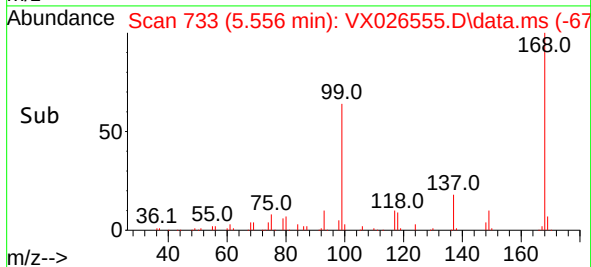
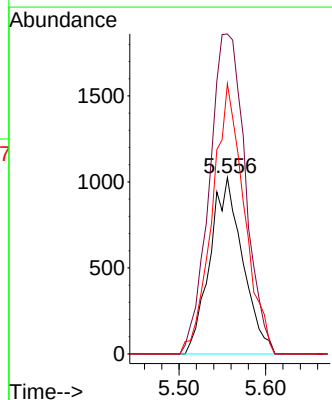
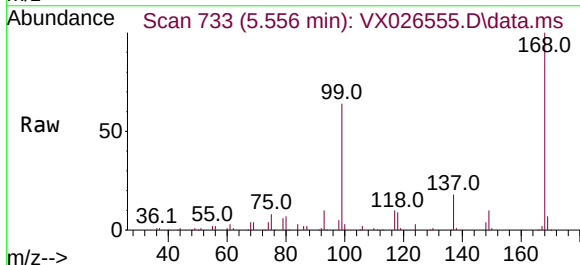
Instrument :
MSVOA_X
ClientSampleId :
FB

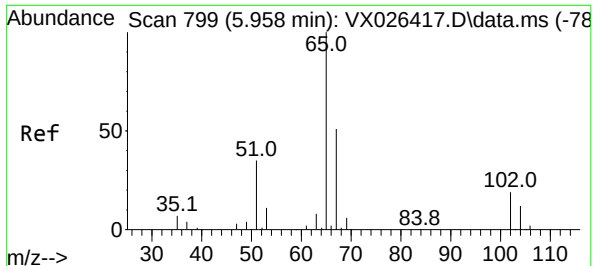
Tgt Ion: 77 Resp: 1520
Ion Ratio Lower Upper
77 100
97 0.0 11.0 33.0#



#31
Cyclohexane
Concen: 0.960 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Tgt Ion: 56 Resp: 2696
Ion Ratio Lower Upper
56 100
69 181.3 25.8 38.6#
84 153.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.687 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026555.D

Acq: 24 Jan 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

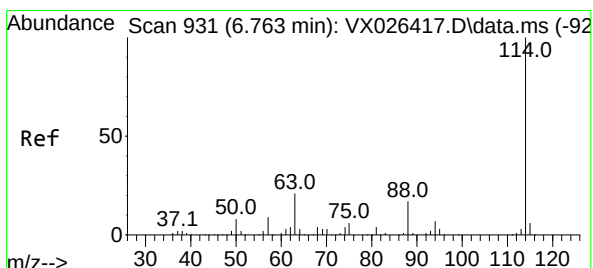
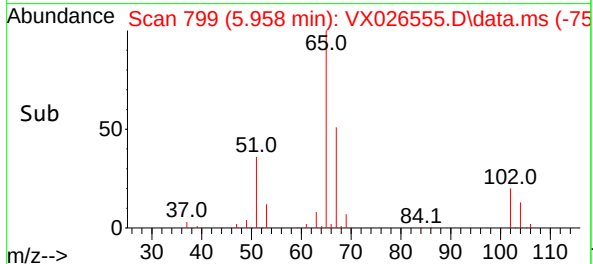
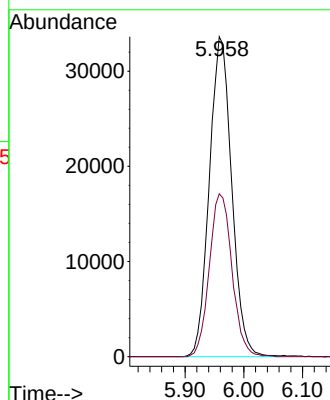
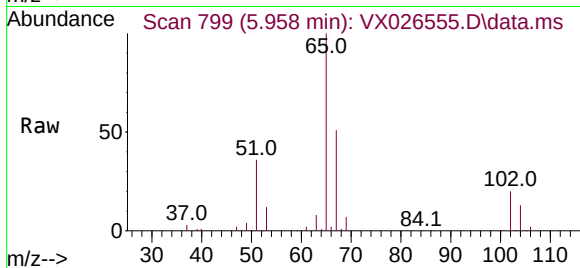
FB

Tgt Ion: 65 Resp: 88905

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026555.D

Acq: 24 Jan 2022 12:51

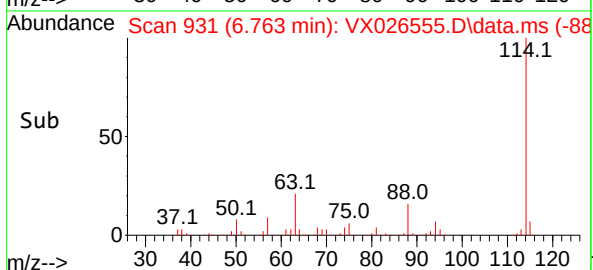
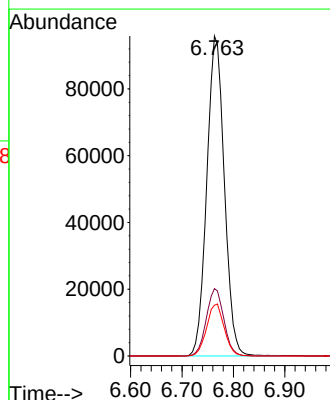
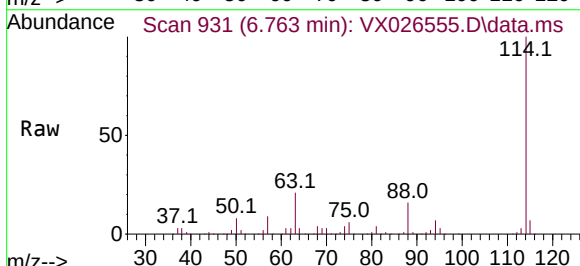
Tgt Ion: 114 Resp: 227046

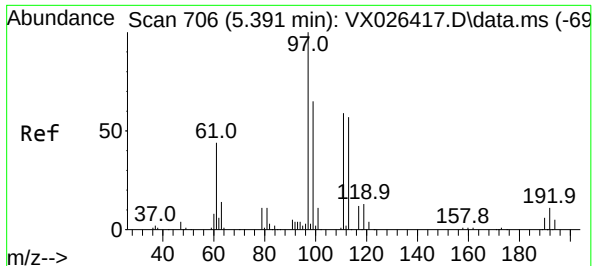
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

88 15.8 0.0 33.0

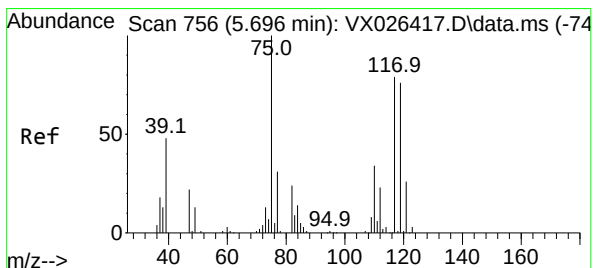
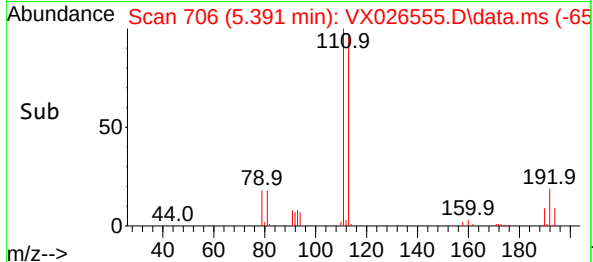
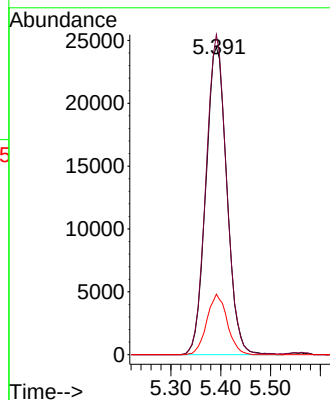
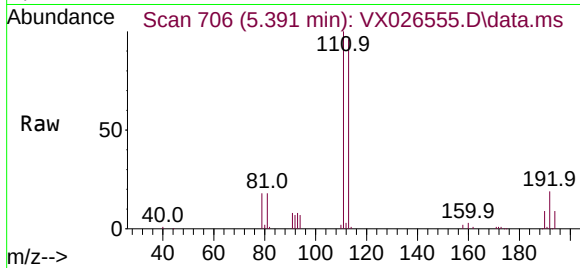




#35
Dibromofluoromethane
Concen: 48.939 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

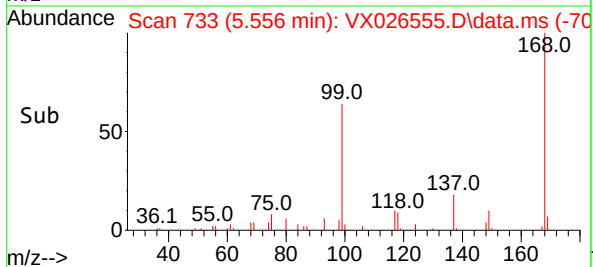
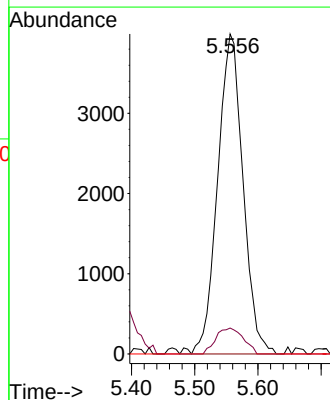
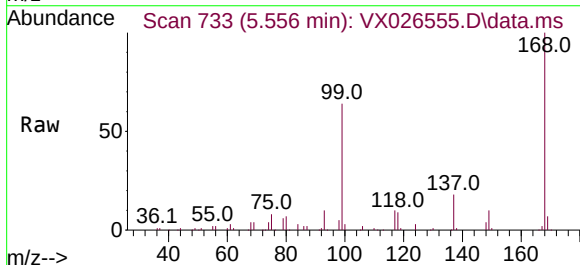
Instrument :
MSVOA_X
ClientSampleId :
FB

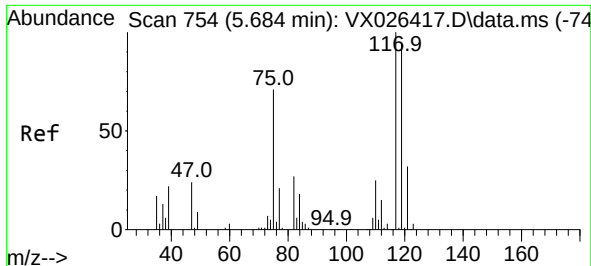
Tgt Ion:113 Resp: 71754
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 19.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.805 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

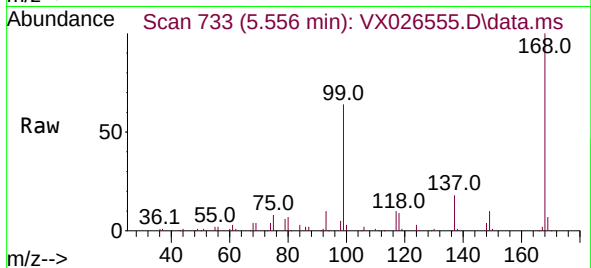
Tgt Ion: 75 Resp: 11122
Ion Ratio Lower Upper
75 100
110 8.7 17.2 51.6#
77 0.0 24.6 36.8#



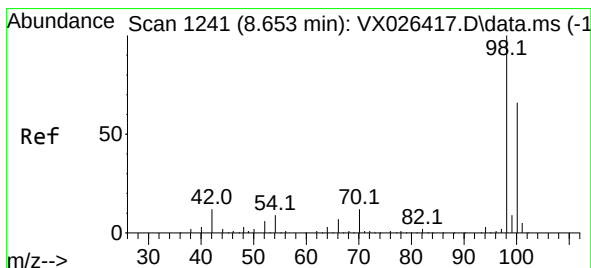
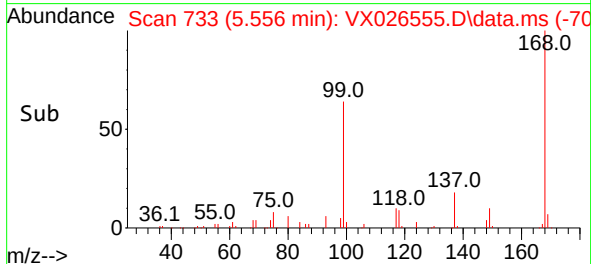
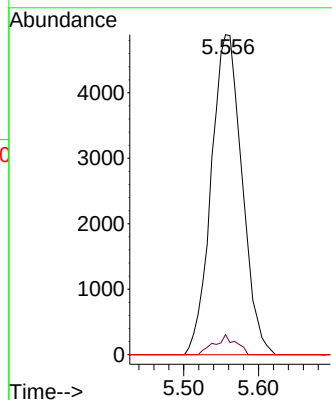


#38
Carbon Tetrachloride
Concen: 5.874 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
FB

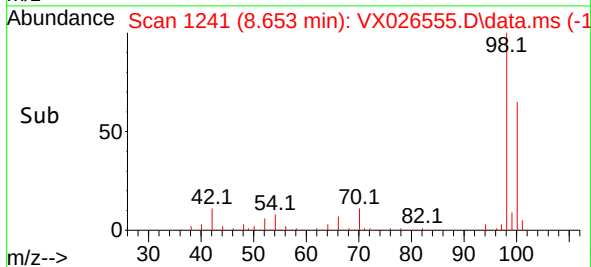
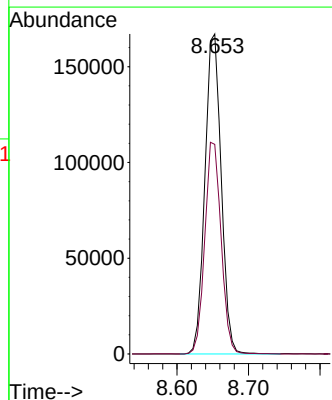
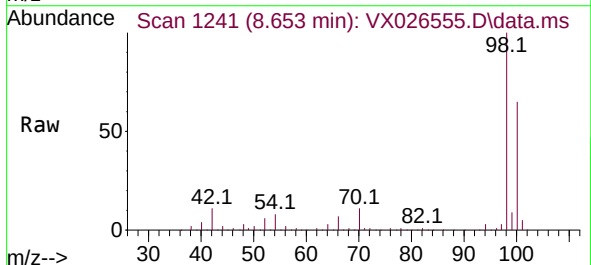


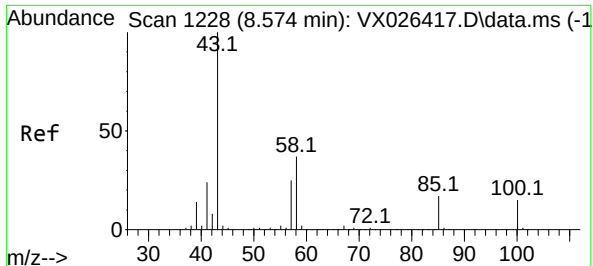
Tgt Ion:117 Resp: 13985
Ion Ratio Lower Upper
117 100
119 6.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.162 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Tgt Ion: 98 Resp: 265031
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

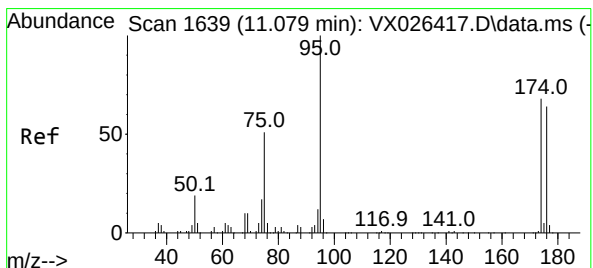
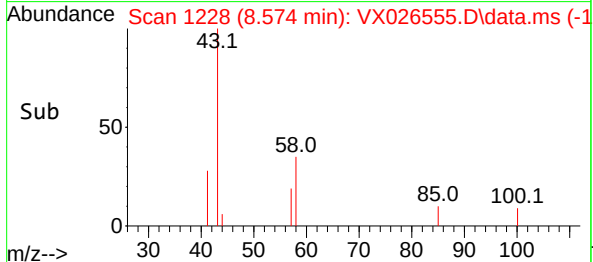
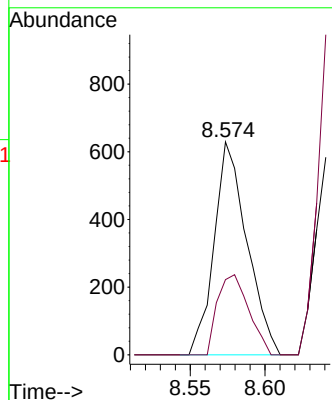
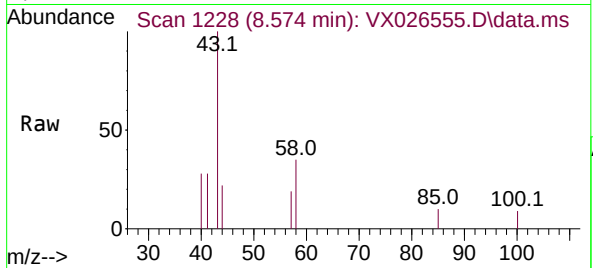




#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

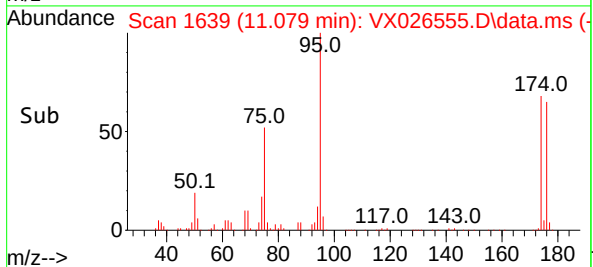
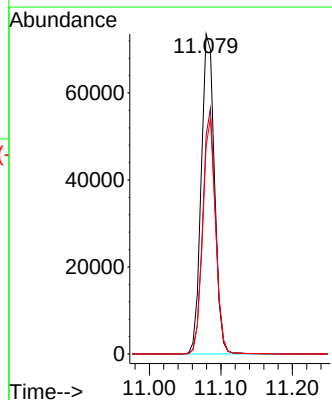
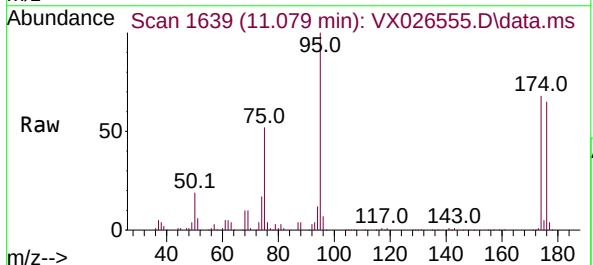
Instrument :
MSVOA_X
ClientSampleId :
FB

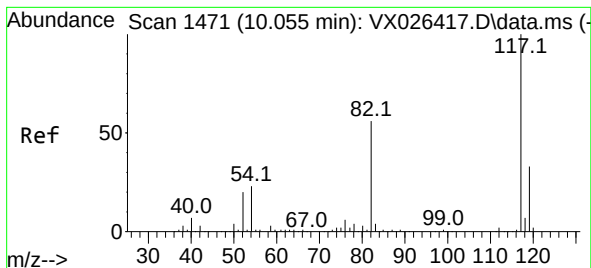
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 35.9 30.5 45.7



#62
4-Bromofluorobenzene
Concen: 50.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Tgt Ion: 95 Resp: 94729
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.6
176 71.3 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX026555.D

Acq: 24 Jan 2022 12:51

Instrument :

MSVOA_X

ClientSampleId :

FB

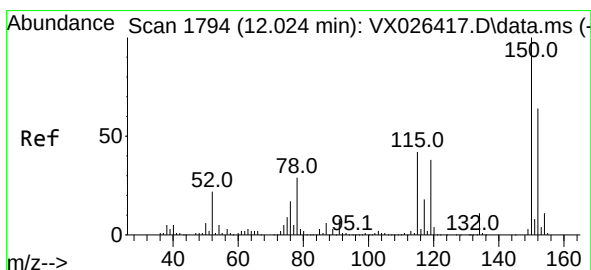
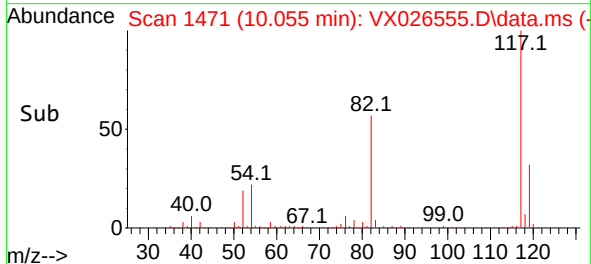
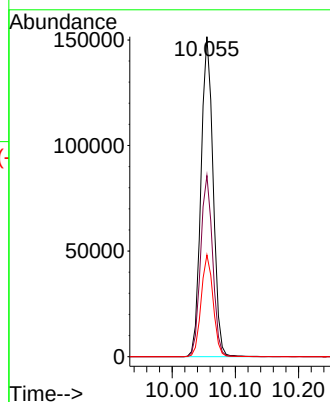
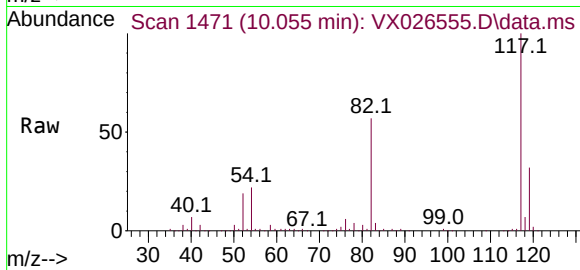
Tgt Ion:117 Resp: 202427

Ion Ratio Lower Upper

117 100

82 56.6 45.2 67.8

119 31.8 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX026555.D

Acq: 24 Jan 2022 12:51

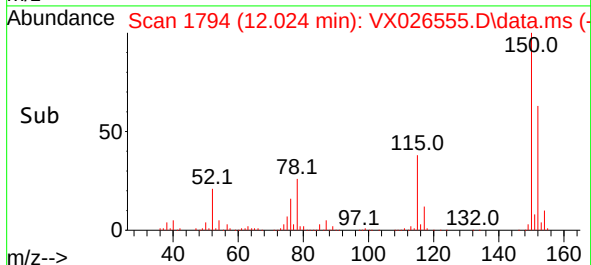
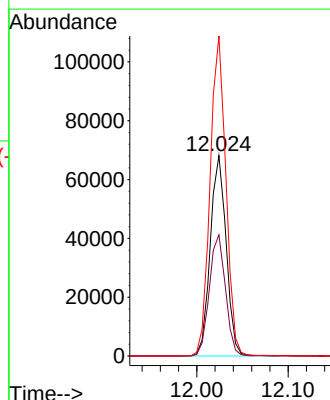
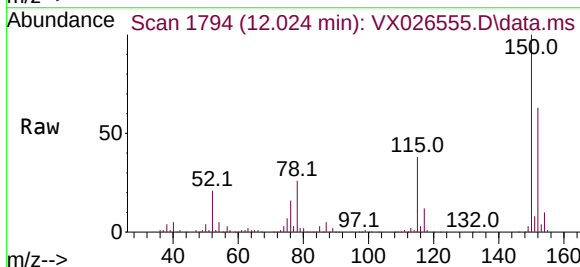
Tgt Ion:152 Resp: 82295

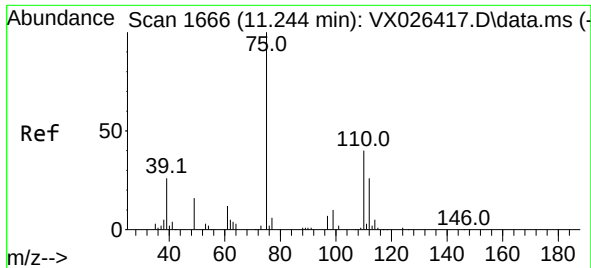
Ion Ratio Lower Upper

152 100

115 61.3 44.2 132.6

150 158.6 0.0 348.2

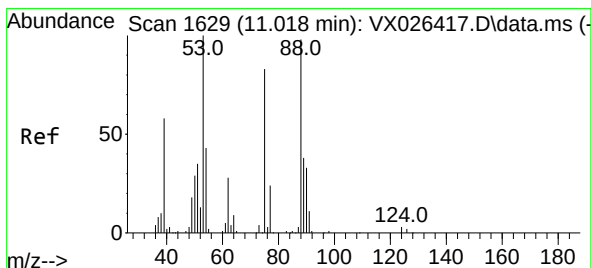
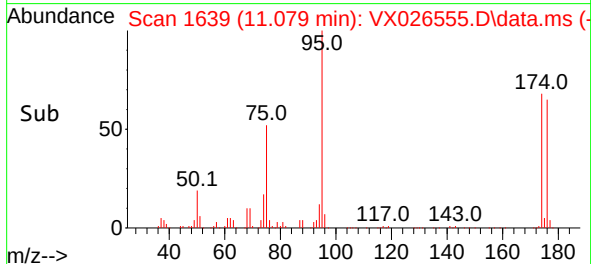
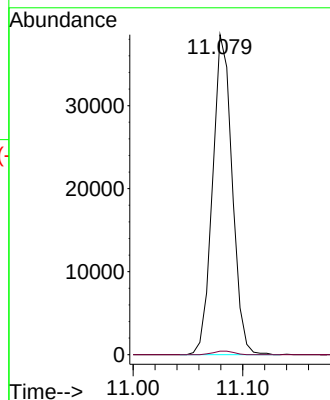
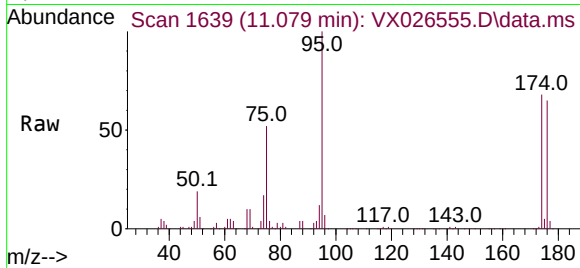




#76
1,2,3-Trichloropropane
Concen: 26.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion: 75 Resp: 47834
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.965 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026555.D
Acq: 24 Jan 2022 12:51

Tgt Ion: 75 Resp: 47834
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

