

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012122\
 Data File : VX026539.D
 Acq On : 21 Jan 2022 11:34
 Operator : JC/MD
 Sample : VX0121WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 22 03:57:29 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	135560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91567	48.354	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.700%
35) Dibromofluoromethane	5.391	113	71657	48.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	8.653	98	270381	50.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.079	95	102552	54.222	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.440%

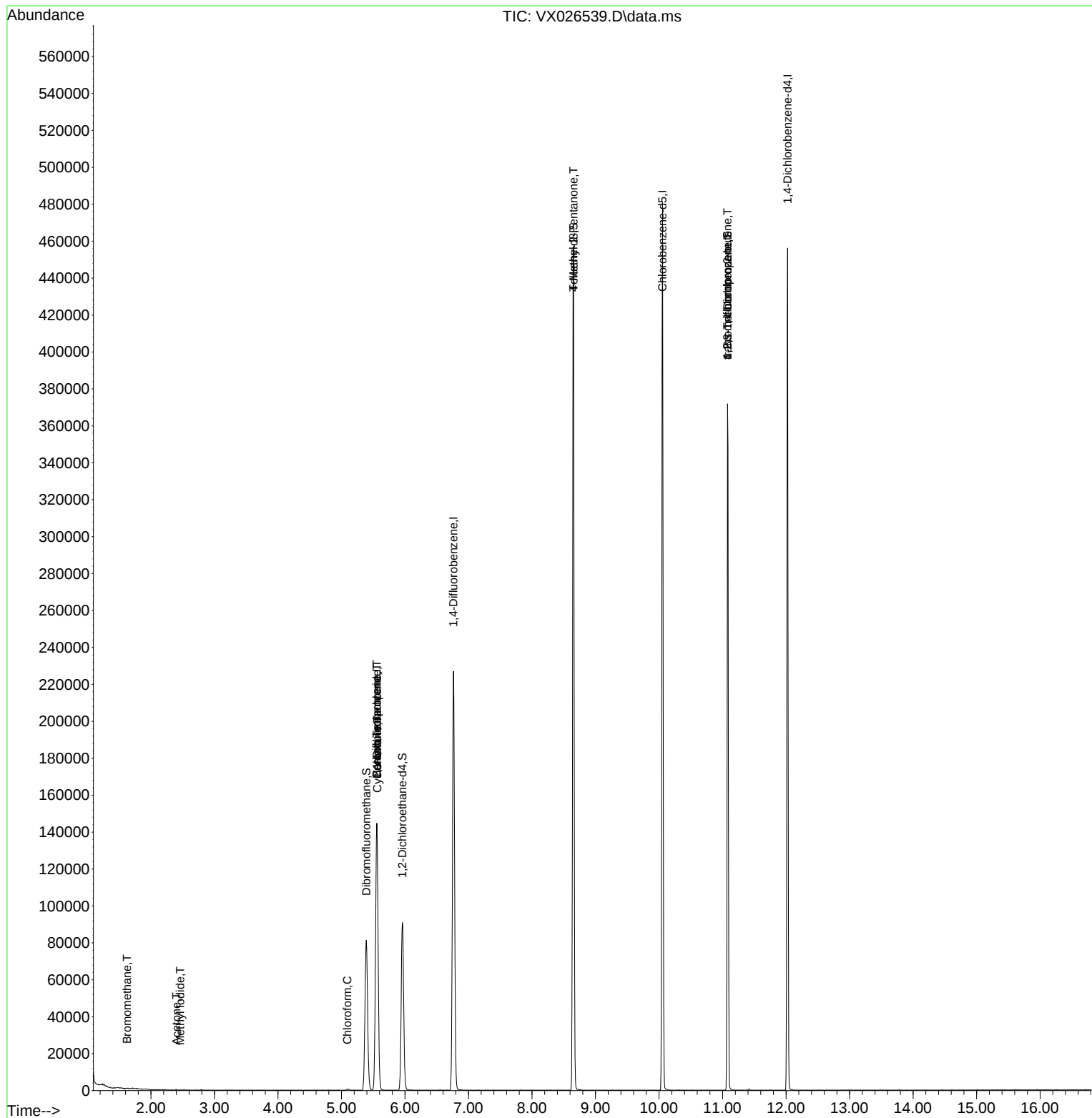
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.624	94	192	0.270	ug/l	90
10) Methyl Iodide	2.459	142	234	4.579	ug/l #	61
16) Acetone	2.398	43	498	0.516	ug/l	98
30) Chloroform	5.093	83	853	0.287	ug/l #	83
31) Cyclohexane	5.562	56	2870	1.028	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10579	4.536	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14075	5.867	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1222	0.541	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51969	25.781	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	51969	78.209	ug/l #	3

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

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MSVOA_X
ClientSampleId :

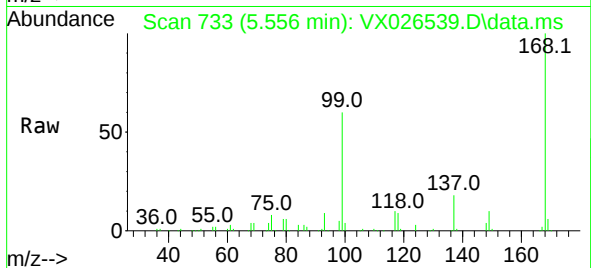
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



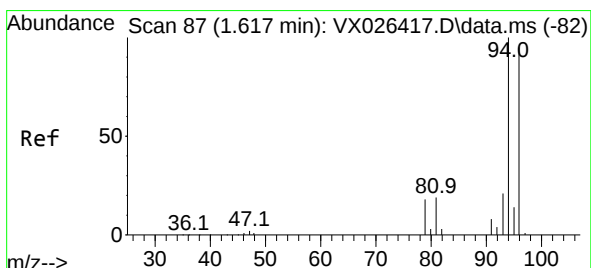
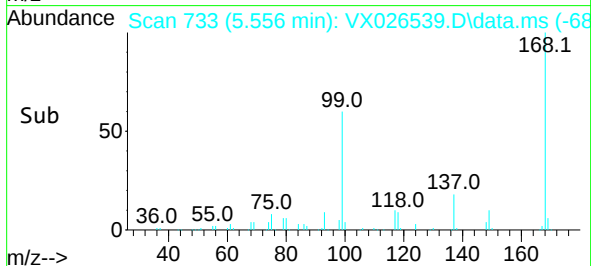
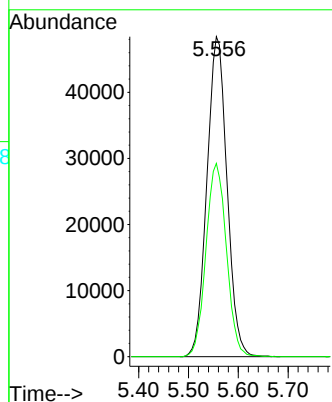


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

Instrument :
MSVOA_X
ClientSampleId :

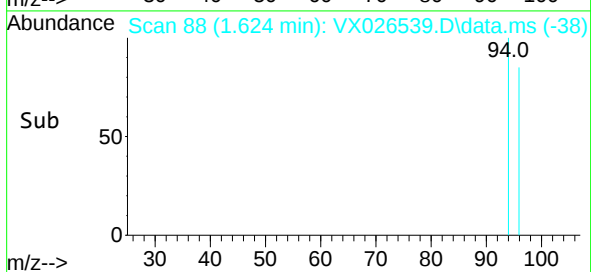
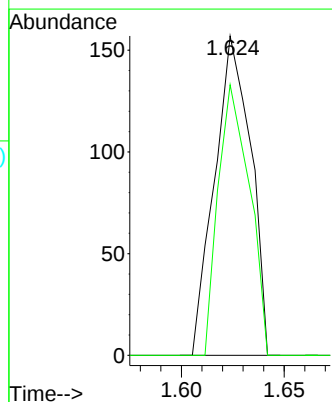
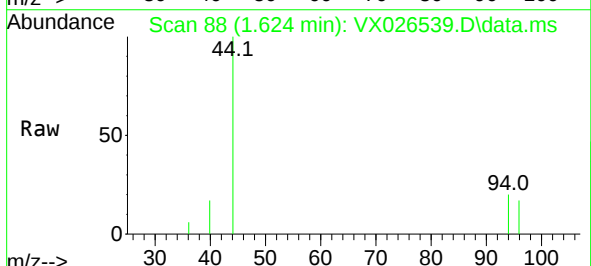


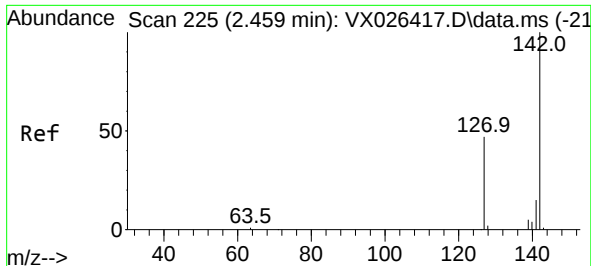
Tgt Ion:168 Resp: 135560
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#5
Bromomethane
Concen: 0.270 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

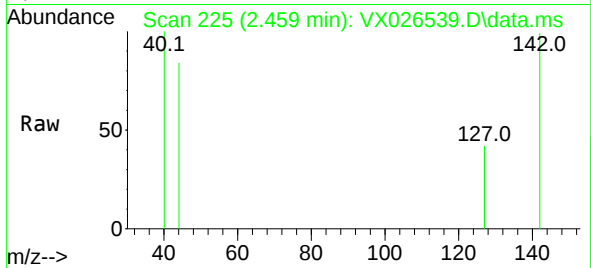
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 84.7 75.9 113.9



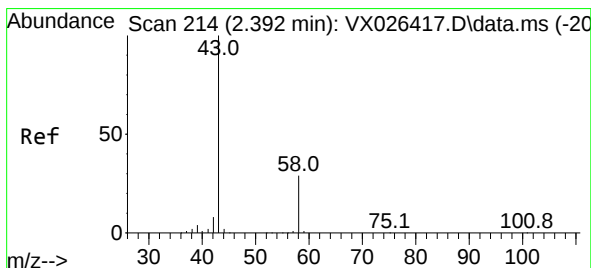
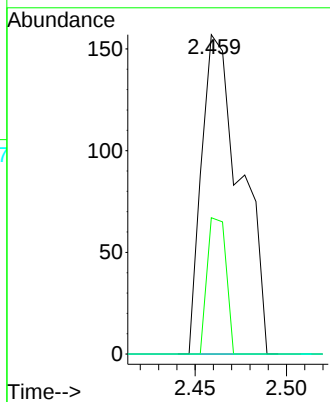
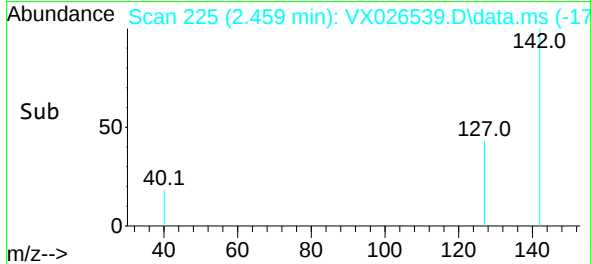


#10
Methyl Iodide
Concen: 4.579 ug/l
RT: 2.459 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

Instrument :
MSVOA_X
ClientSampleId :

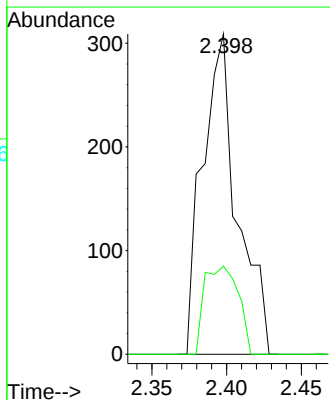
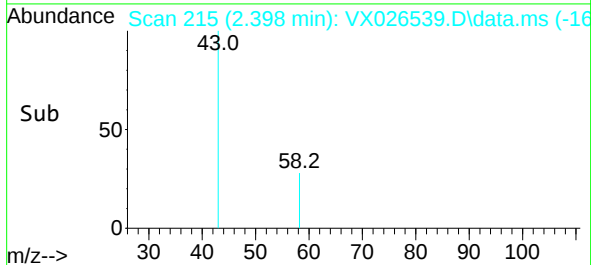
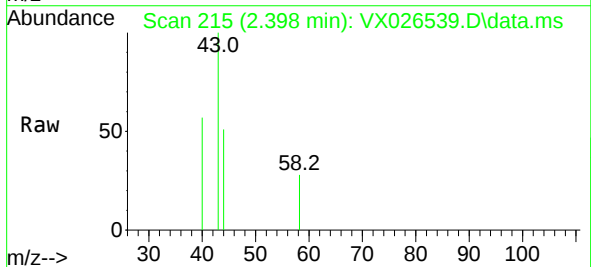


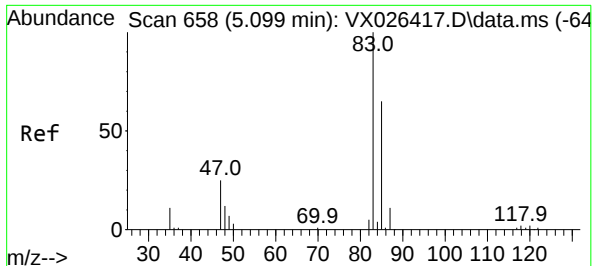
Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
142 100
127 20.5 38.1 57.1#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.516 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
58 27.5 23.0 34.6





#30

Chloroform

Concen: 0.287 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX026539.D

Acq: 21 Jan 2022 11:34

Instrument :

MSVOA_X

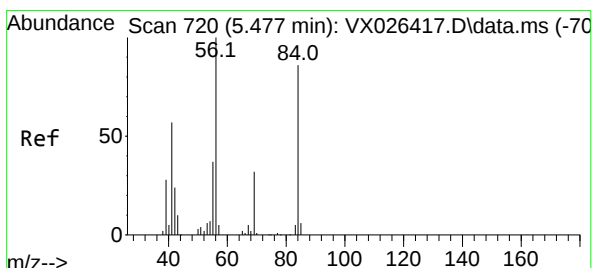
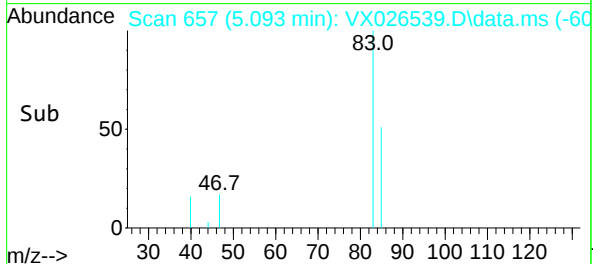
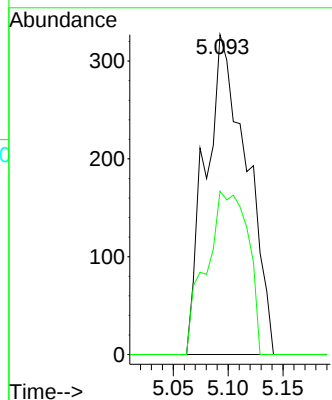
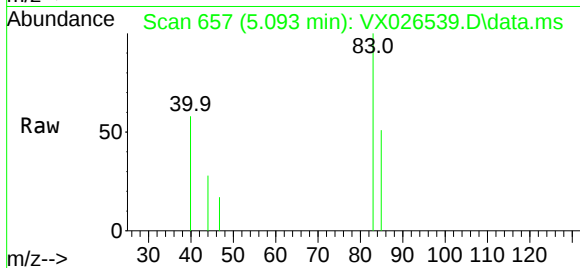
ClientSampleId :

Tgt Ion: 83 Resp: 853

Ion Ratio Lower Upper

83 100

85 51.1 51.6 77.4#



#31

Cyclohexane

Concen: 1.028 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026539.D

Acq: 21 Jan 2022 11:34

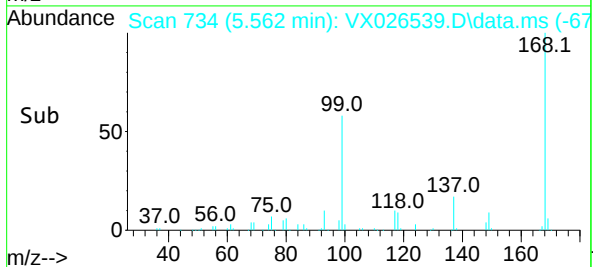
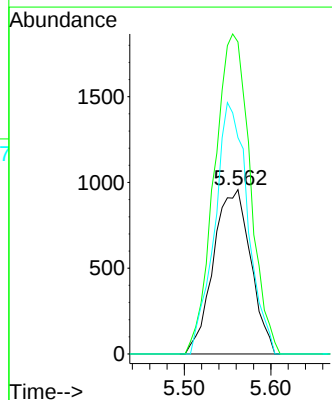
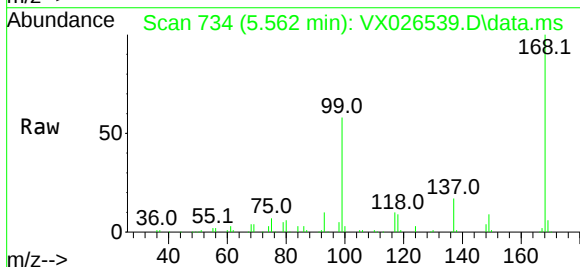
Tgt Ion: 56 Resp: 2870

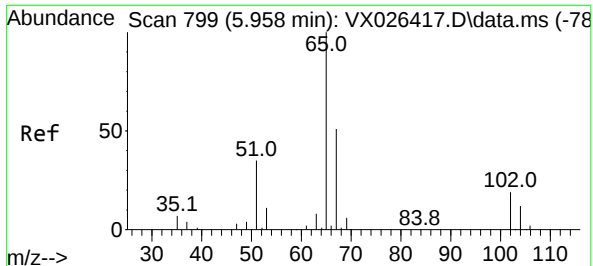
Ion Ratio Lower Upper

56 100

69 189.9 25.8 38.6#

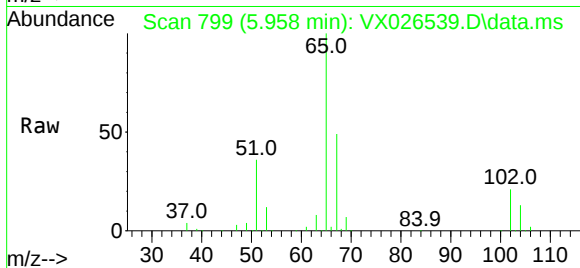
84 131.6 68.9 103.3#



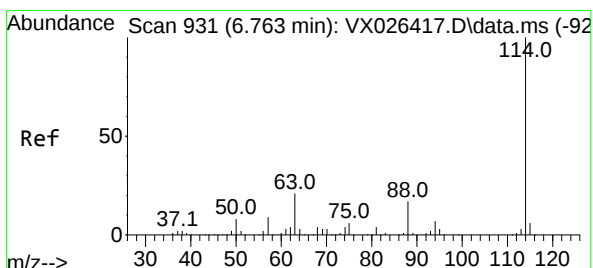
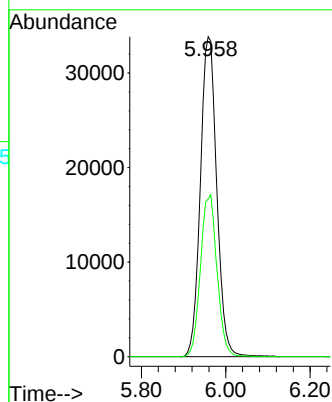
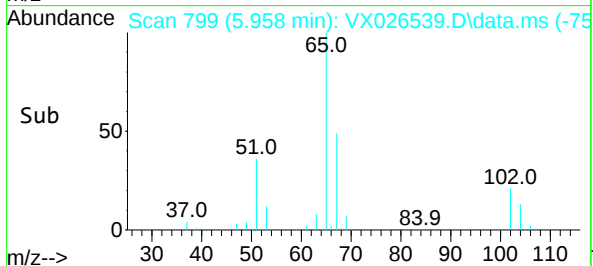


#33
 1,2-Dichloroethane-d4
 Concen: 48.354 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026539.D
 Acq: 21 Jan 2022 11:34

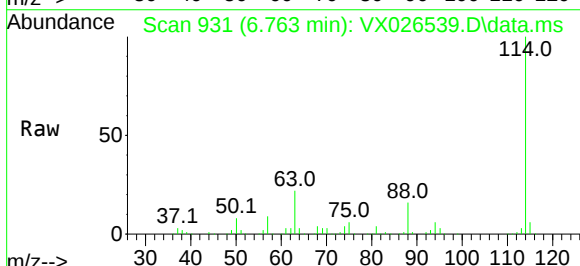
Instrument :
 MSVOA_X
 ClientSampleId :



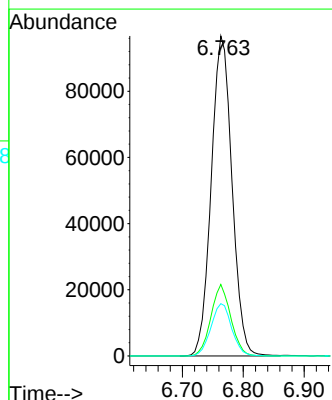
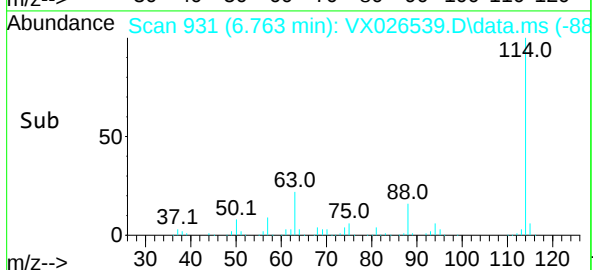
Tgt Ion: 65 Resp: 91567
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026539.D
 Acq: 21 Jan 2022 11:34



Tgt Ion: 114 Resp: 228791
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.8
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.500 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

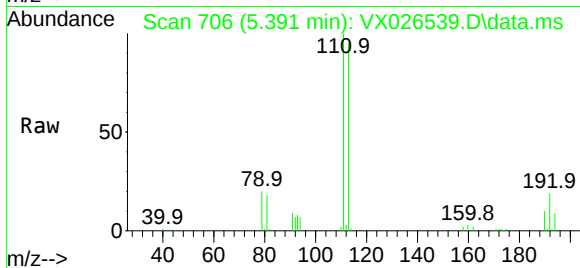
Lab File: VX026539.D

Acq: 21 Jan 2022 11:34

Instrument :

MSVOA_X

ClientSampleId :



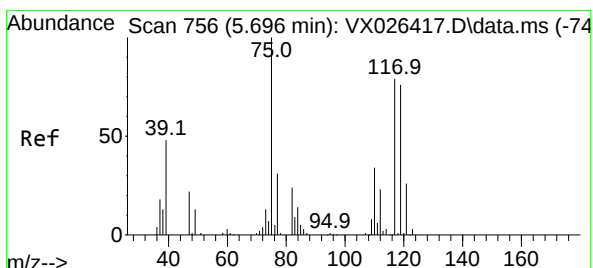
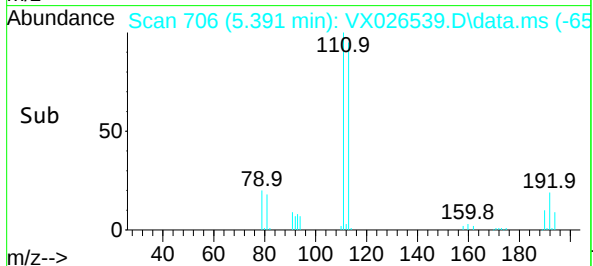
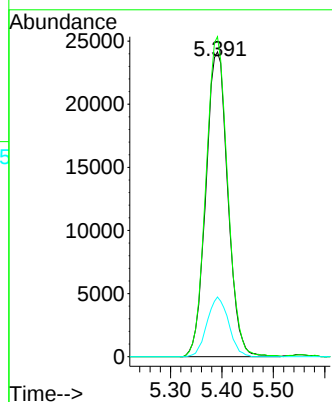
Tgt Ion:113 Resp: 71657

Ion Ratio Lower Upper

113 100

111 103.5 81.2 121.8

192 19.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.536 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026539.D

Acq: 21 Jan 2022 11:34

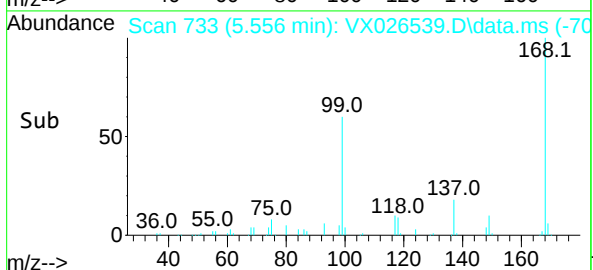
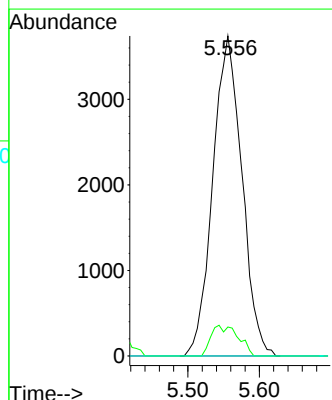
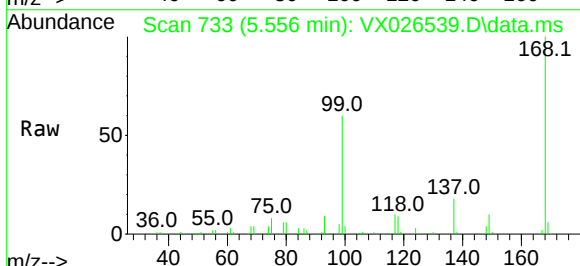
Tgt Ion: 75 Resp: 10579

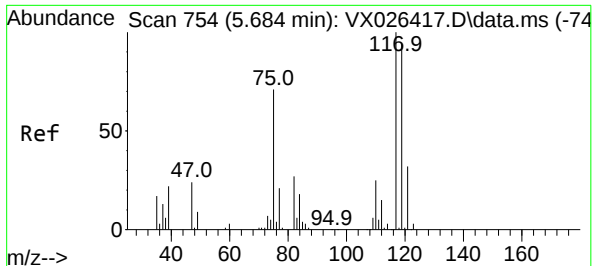
Ion Ratio Lower Upper

75 100

110 9.0 17.2 51.6#

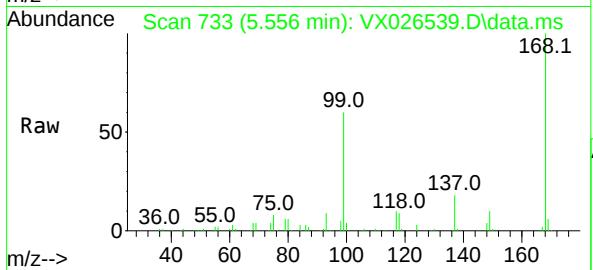
77 0.0 24.6 36.8#



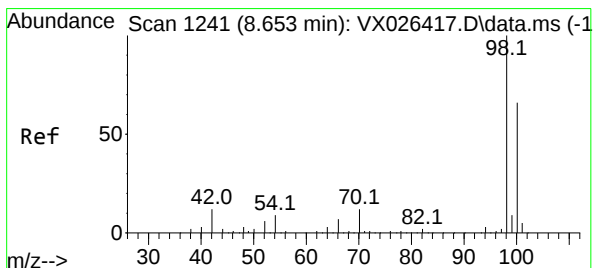
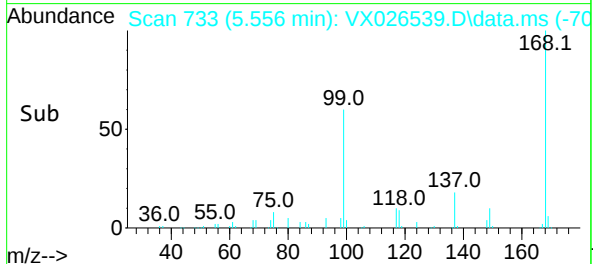
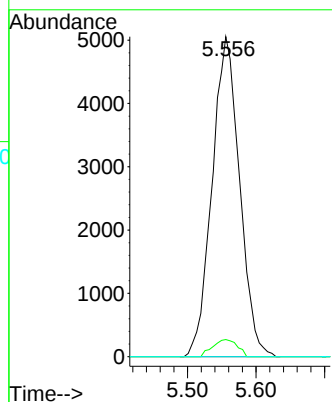


#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

Instrument :
MSVOA_X
ClientSampleId :

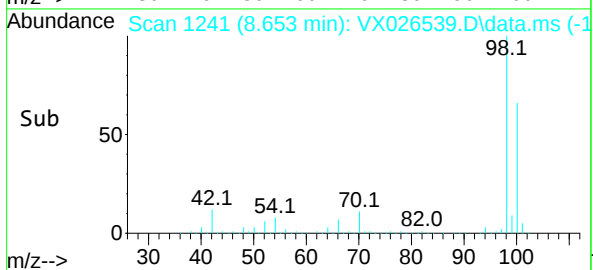
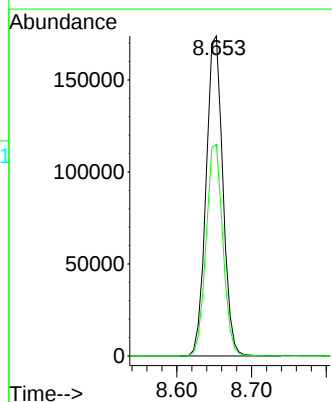
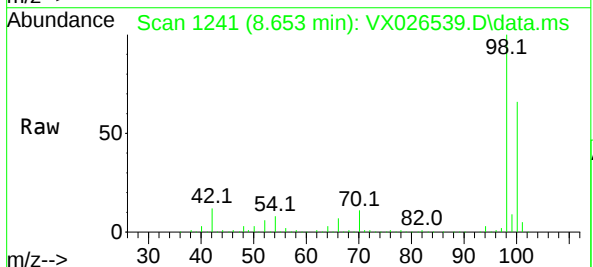


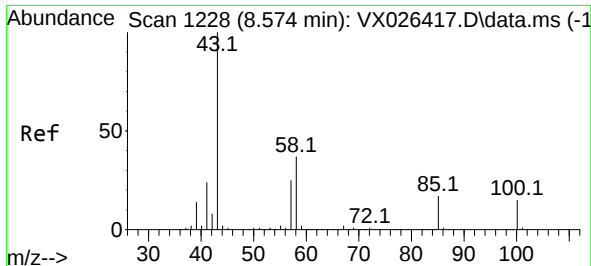
Tgt Ion:117 Resp: 14075
Ion Ratio Lower Upper
117 100
119 5.3 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.784 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

Tgt Ion: 98 Resp: 270381
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

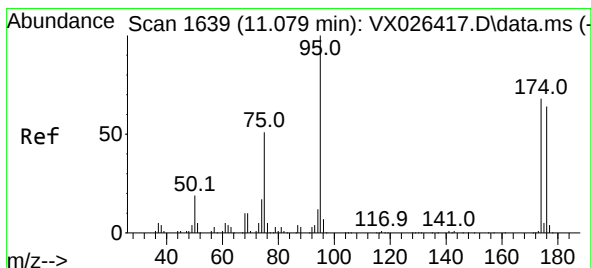
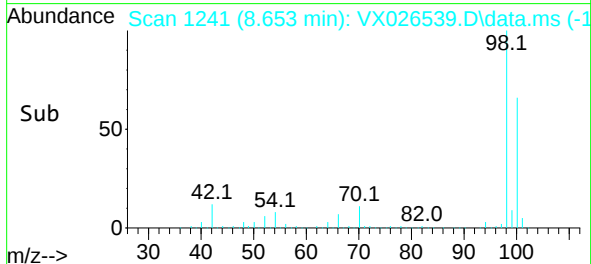
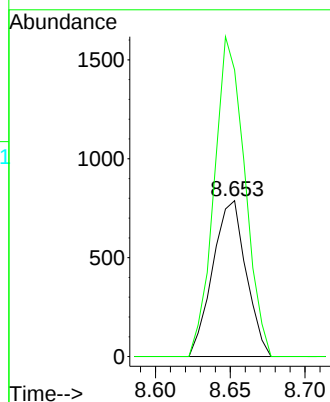
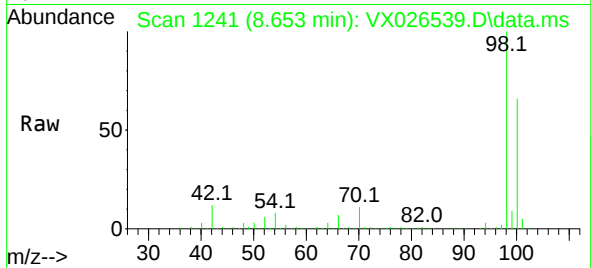




#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

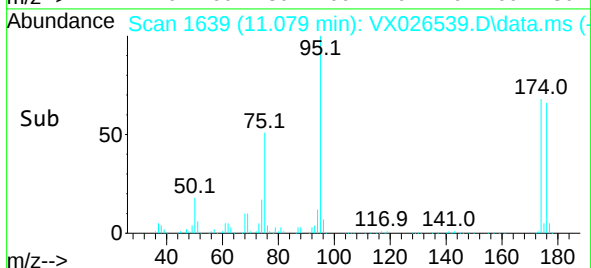
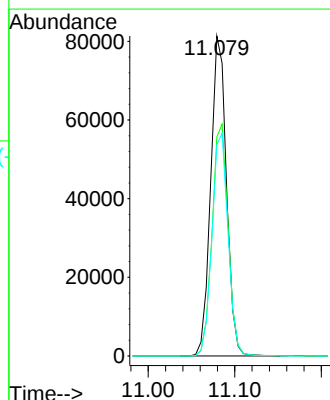
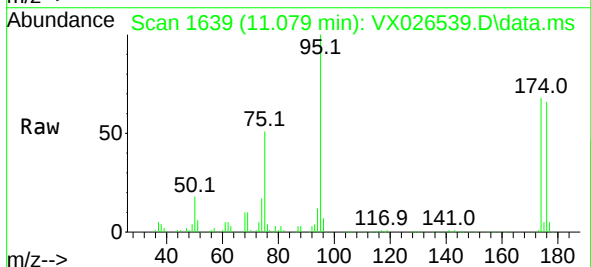
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MSVOA_X
ClientSampleId :

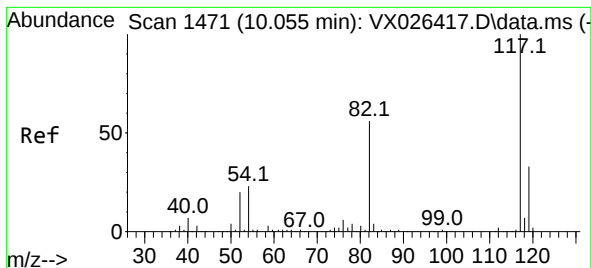
Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 188.1 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 54.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

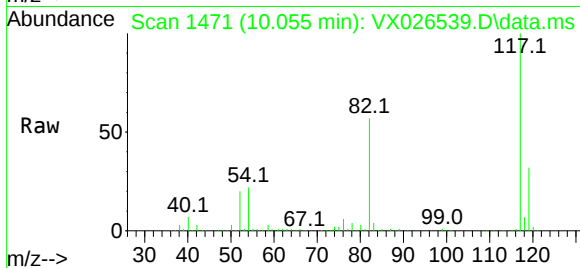
Tgt Ion: 95 Resp: 102552
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.6
176 71.1 0.0 141.4



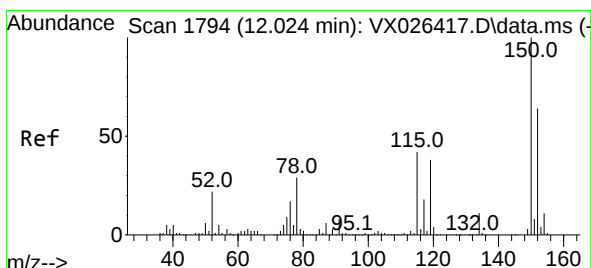
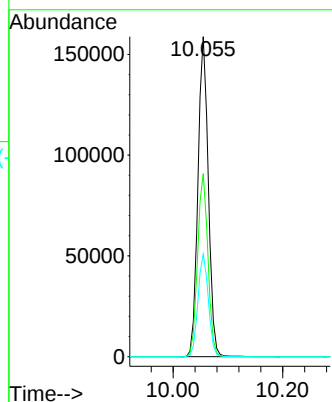
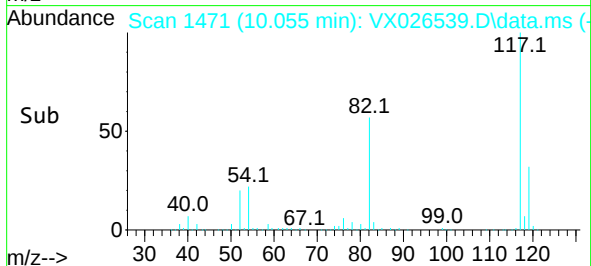


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34

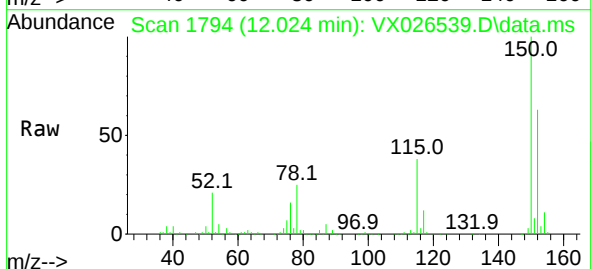
Instrument :
MSVOA_X
ClientSampleId :



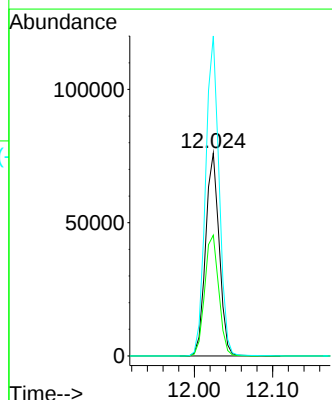
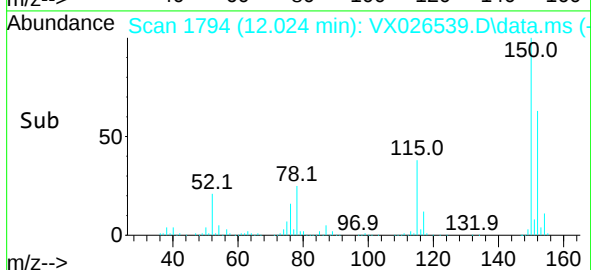
Tgt Ion:117 Resp: 209295
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.1 26.2 39.2

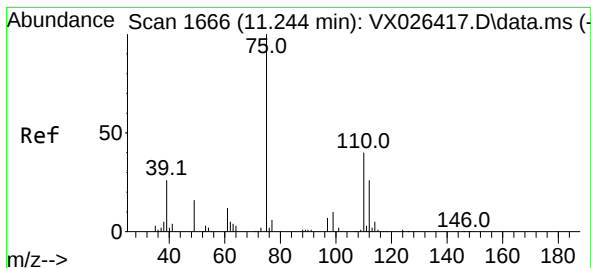


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026539.D
Acq: 21 Jan 2022 11:34



Tgt Ion:152 Resp: 91552
Ion Ratio Lower Upper
152 100
115 61.6 44.2 132.6
150 156.9 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 25.781 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX026539.D

Acq: 21 Jan 2022 11:34

Instrument :

MSVOA_X

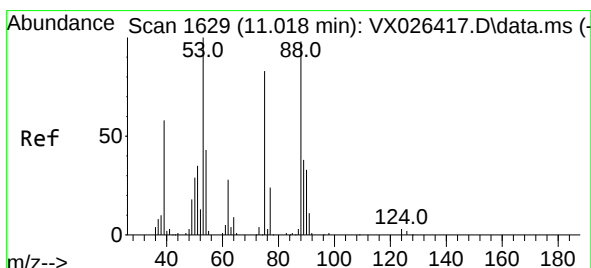
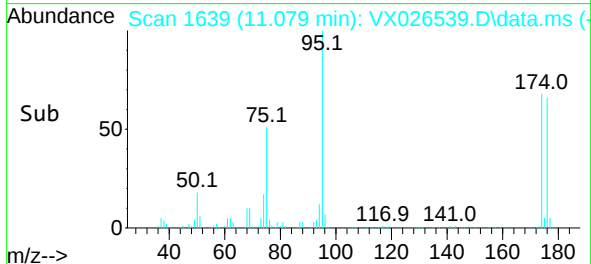
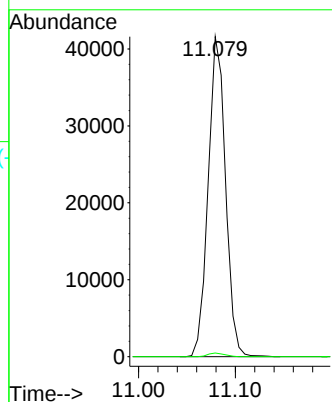
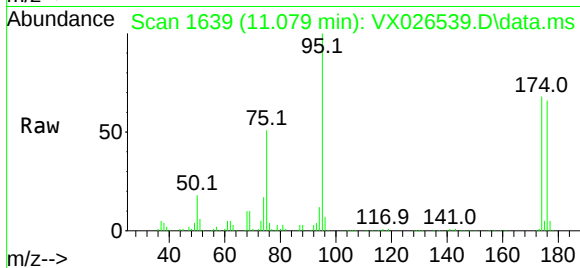
ClientSampleId :

Tgt Ion: 75 Resp: 51969

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.209 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026539.D

Acq: 21 Jan 2022 11:34

Tgt Ion: 75 Resp: 51969

Ion Ratio Lower Upper

75 100

53 0.0 94.0 141.0#

89 0.0 37.0 55.4#

