

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012122\
 Data File : VX026544.D
 Acq On : 21 Jan 2022 13:40
 Operator : JC/MD
 Sample : N1229-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 22 03:58:31 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	143243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89031	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94438	47.195	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.391	113	75255	48.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.880%
50) Toluene-d8	8.653	98	284933	50.898	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.800%
62) 4-Bromofluorobenzene	11.079	95	101923	51.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.500%

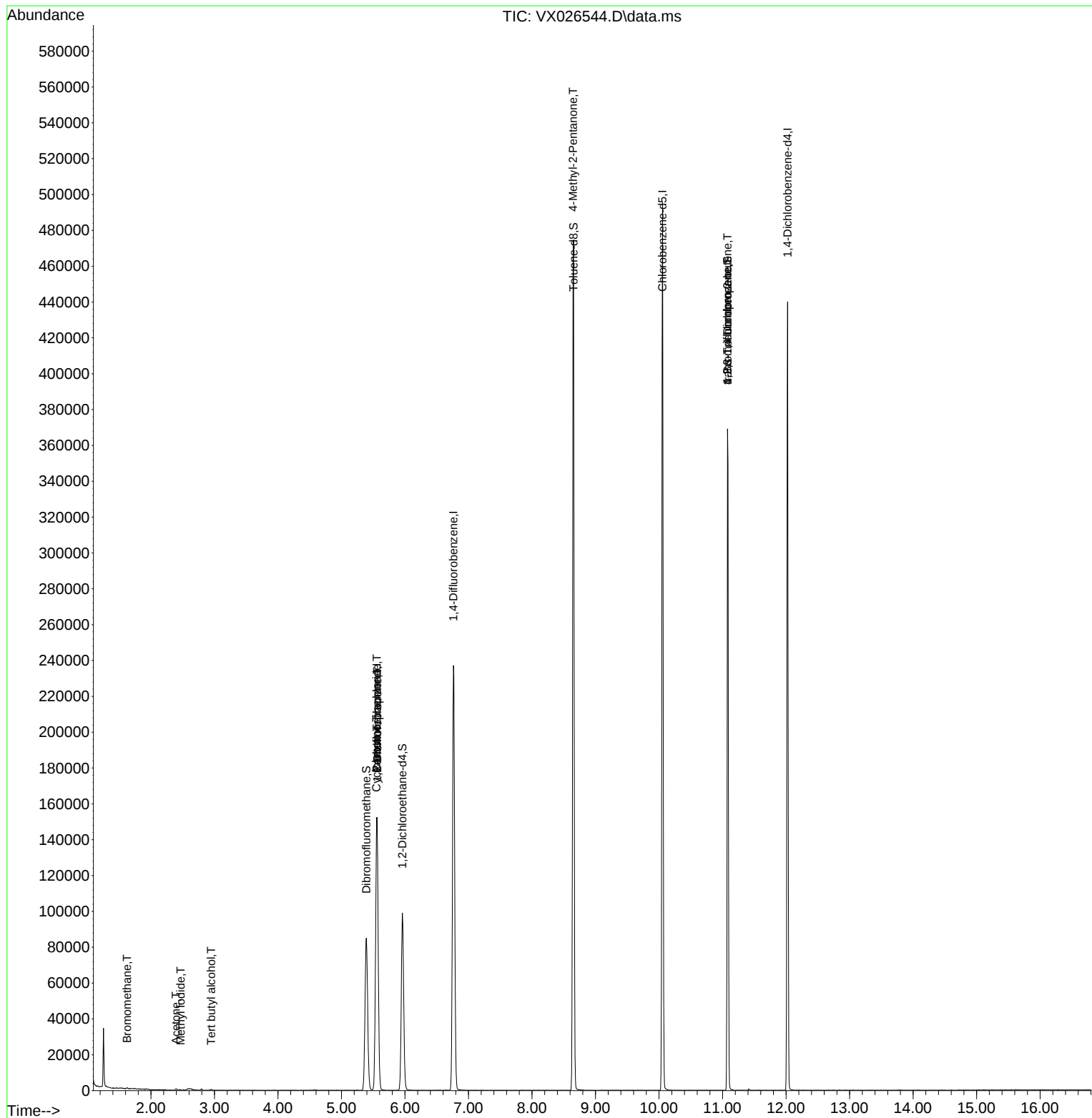
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	256	0.341	ug/l #	72
10) Methyl Iodide	2.465	142	304	4.609	ug/l #	92
11) Tert butyl alcohol	2.946	59	269	0.966	ug/l #	75
16) Acetone	2.392	43	1025	1.004	ug/l	92
31) Cyclohexane	5.550	56	2866	0.971	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11307	4.611	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14962	5.931	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1194	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51174	26.106	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	51174	79.131	ug/l #	3

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

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Quant Time: Jan 22 03:58:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

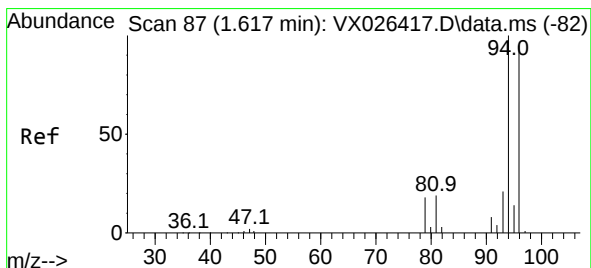
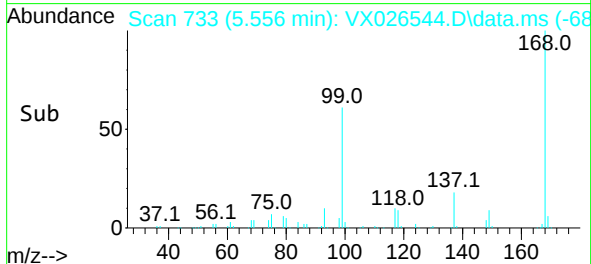
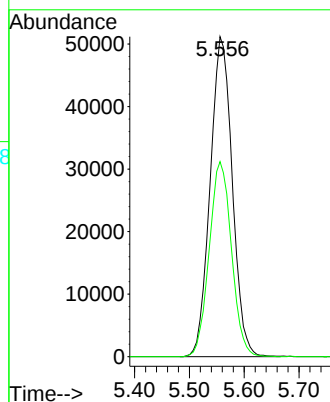
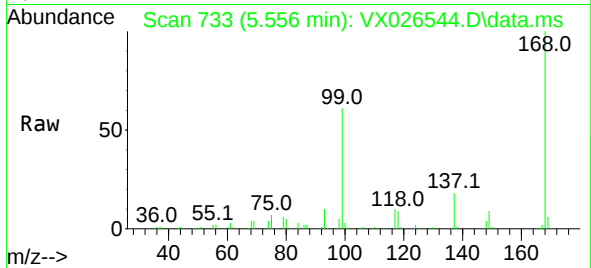




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

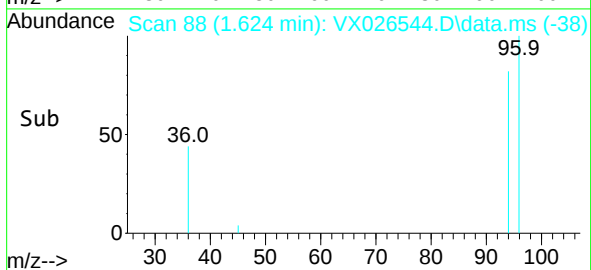
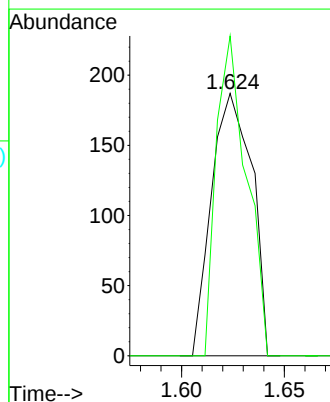
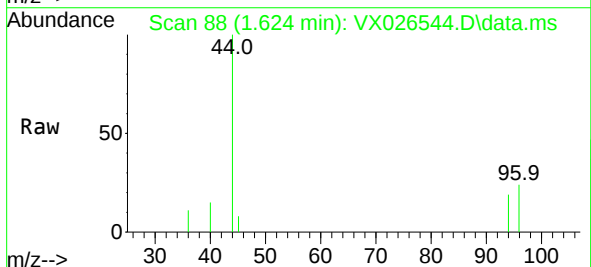
Instrument :
MSVOA_X
ClientSampleId :

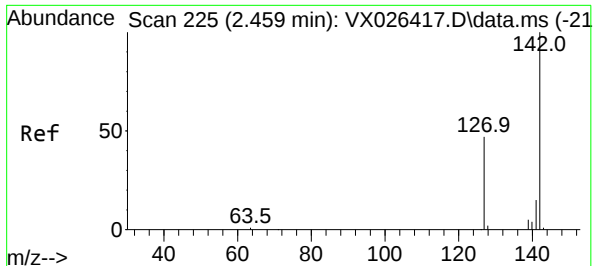
Tgt Ion:168 Resp: 143243
Ion Ratio Lower Upper
168 100
99 60.9 50.3 75.5



#5
Bromomethane
Concen: 0.341 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.006 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

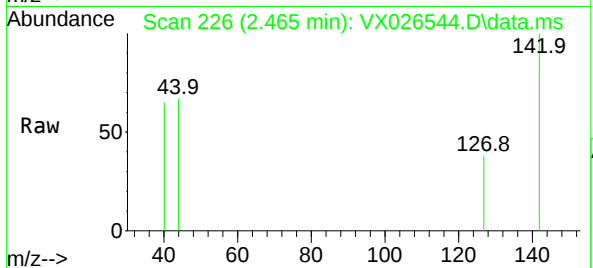
Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 121.9 75.9 113.9#



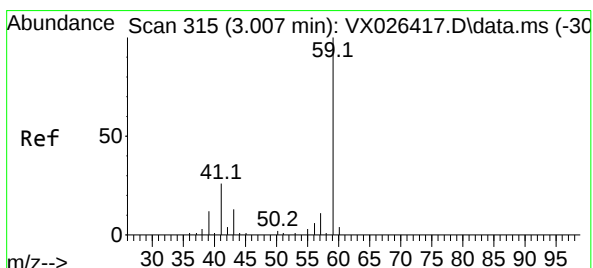
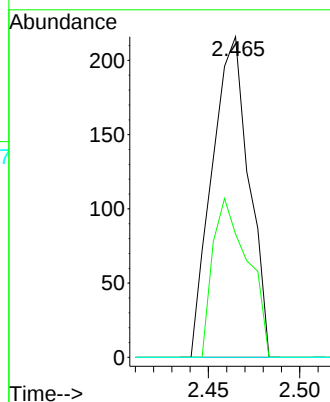
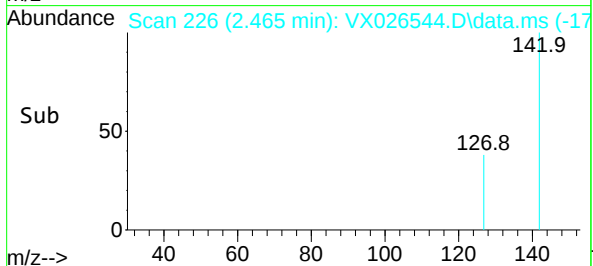


#10
Methyl Iodide
Concen: 4.609 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :

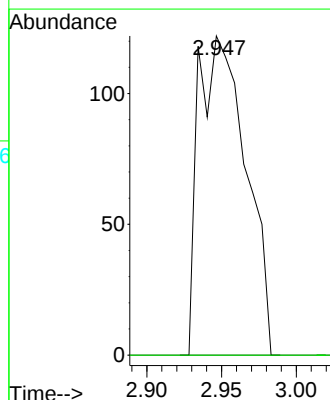
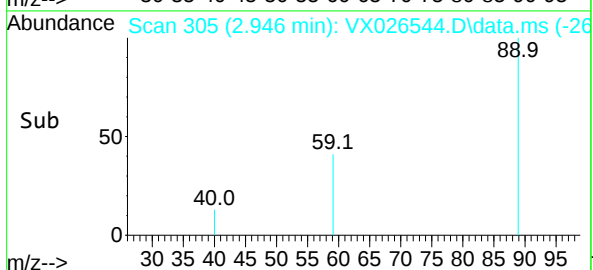
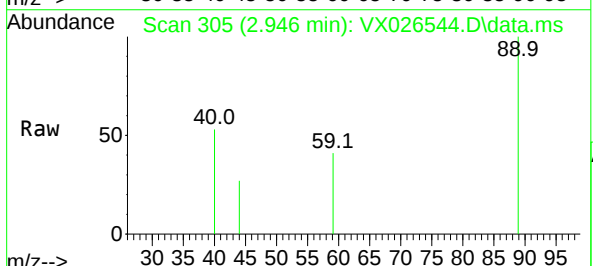


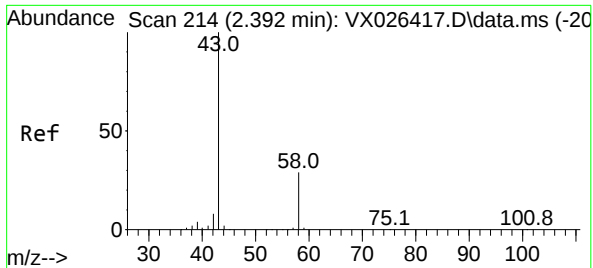
Tgt Ion:142 Resp: 304
Ion Ratio Lower Upper
142 100
127 47.0 38.1 57.1
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.966 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

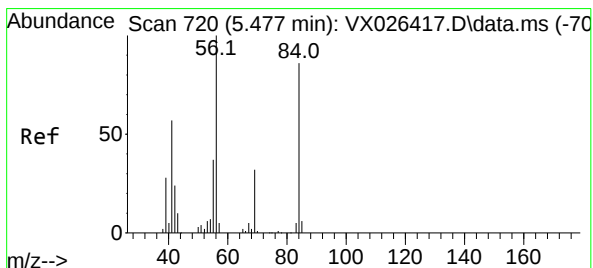
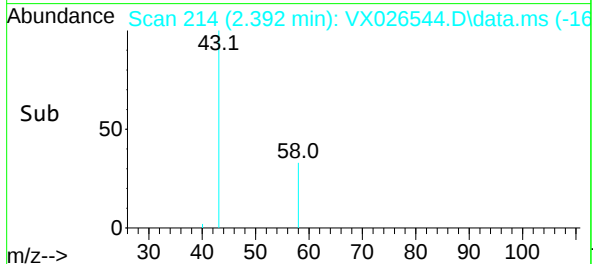
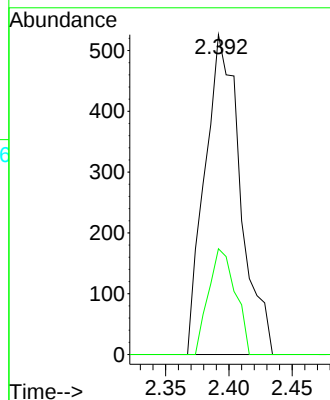
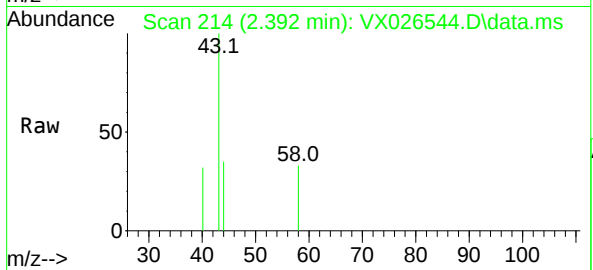




#16
Acetone
Concen: 1.004 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

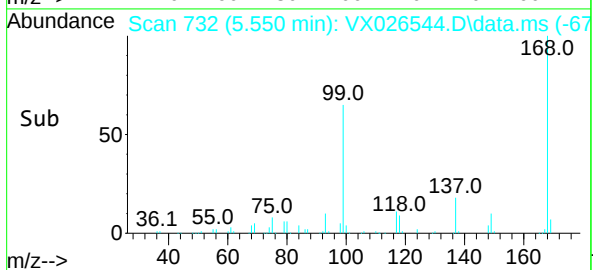
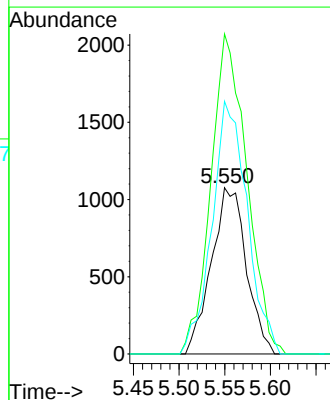
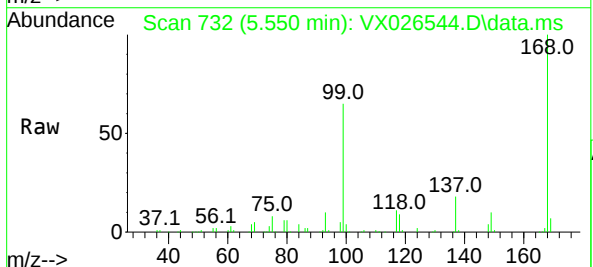
Instrument :
MSVOA_X
ClientSampleId :

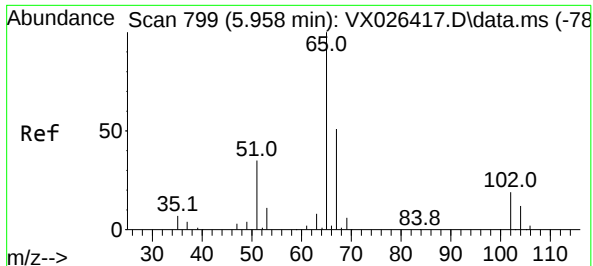
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 33.1 23.0 34.6



#31
Cyclohexane
Concen: 0.971 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

Tgt Ion: 56 Resp: 2866
Ion Ratio Lower Upper
56 100
69 192.4 25.8 38.6#
84 151.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.195 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026544.D

Acq: 21 Jan 2022 13:40

Instrument :

MSVOA_X

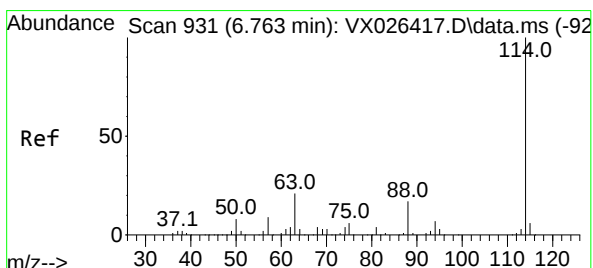
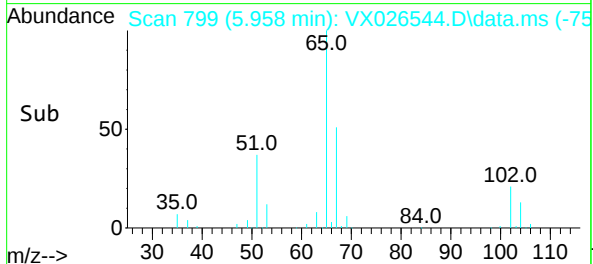
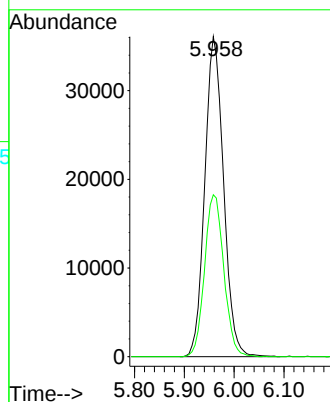
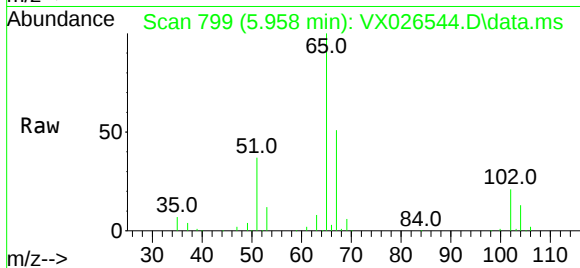
ClientSampleId :

Tgt Ion: 65 Resp: 94438

Ion Ratio Lower Upper

65 100

67 51.8 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: VX026544.D

Acq: 21 Jan 2022 13:40

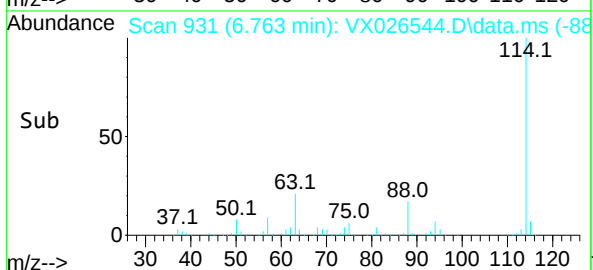
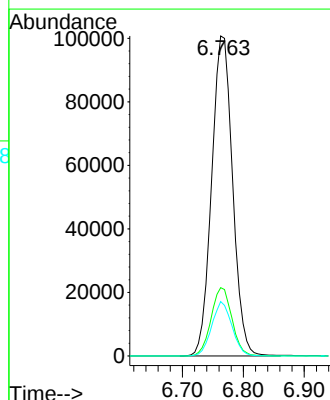
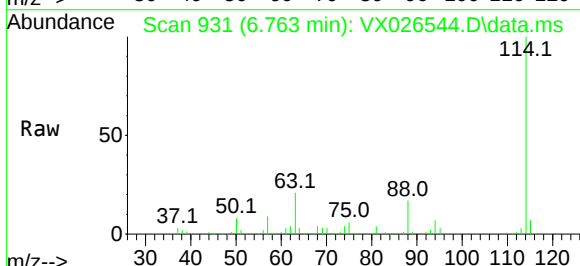
Tgt Ion: 114 Resp: 240566

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

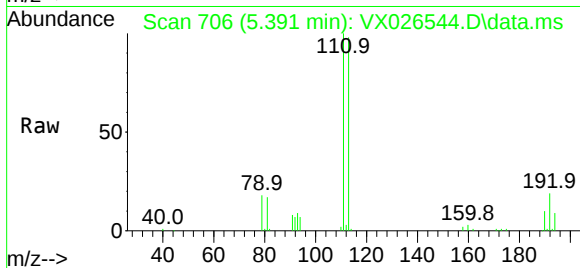
88 17.0 0.0 33.0



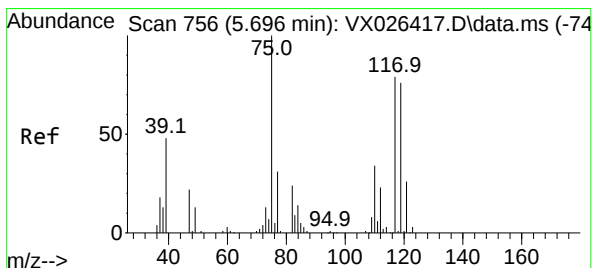
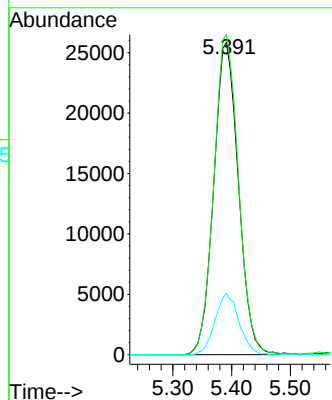
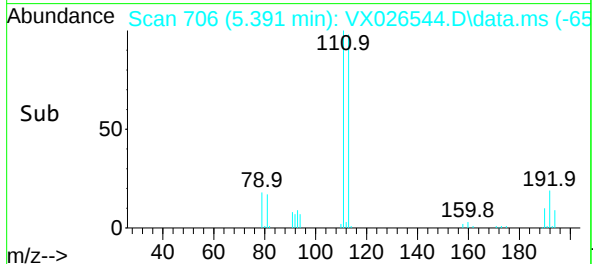


#35
Dibromofluoromethane
Concen: 48.442 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :

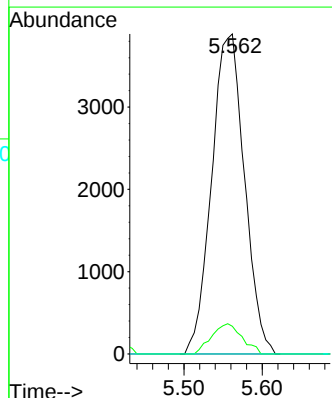
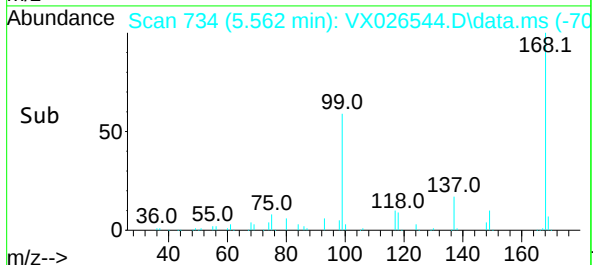
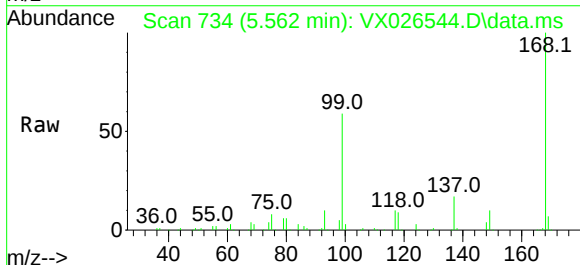


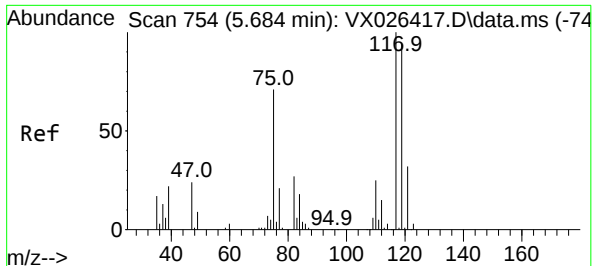
Tgt Ion:113 Resp: 75255
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 19.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

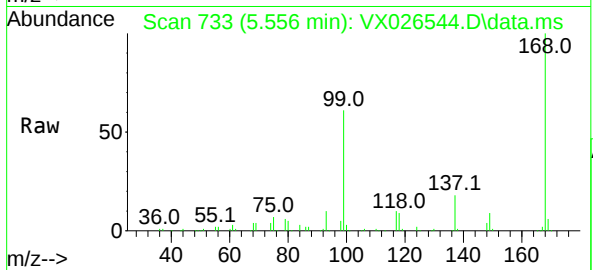
Tgt Ion: 75 Resp: 11307
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#



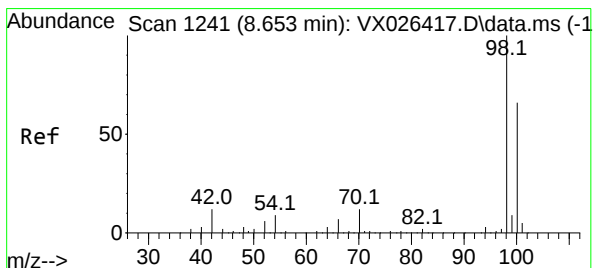
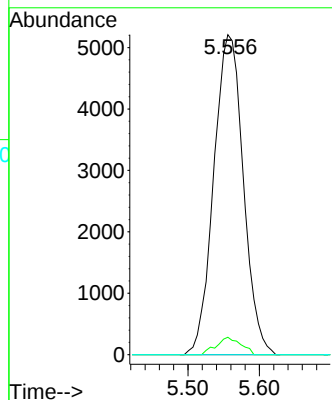
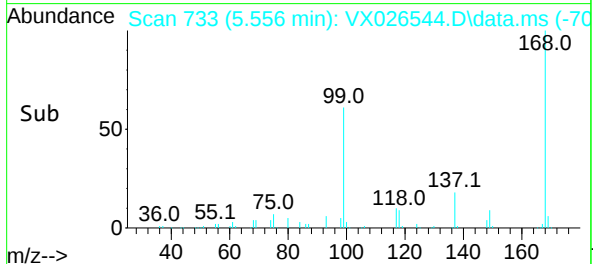


#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :

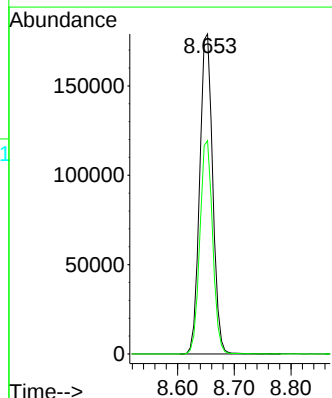
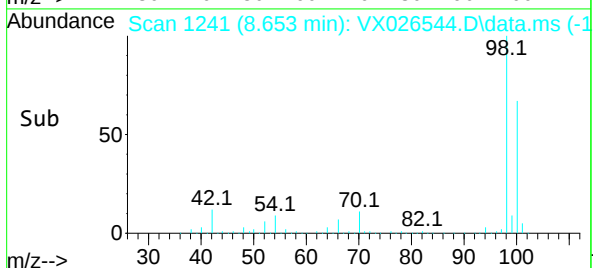
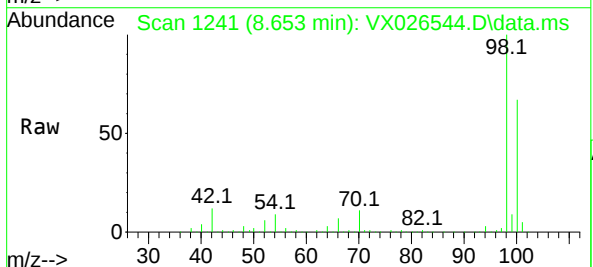


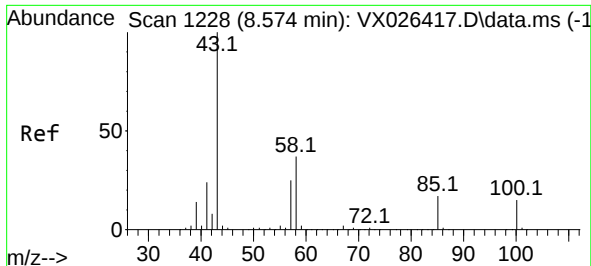
Tgt Ion:117 Resp: 14962
Ion Ratio Lower Upper
117 100
119 5.5 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.898 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

Tgt Ion: 98 Resp: 284933
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8

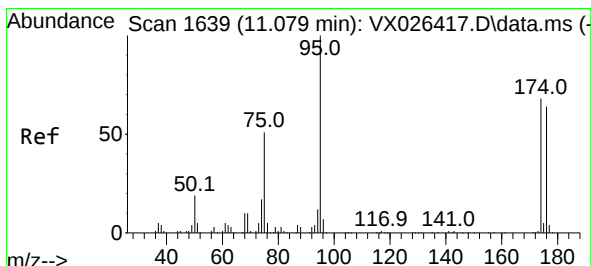
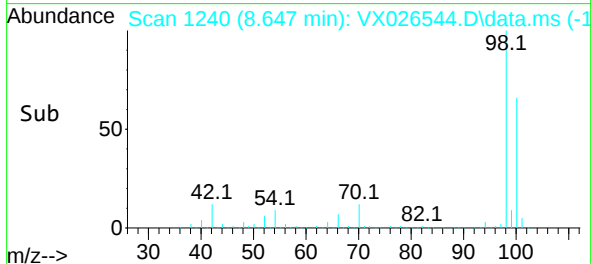
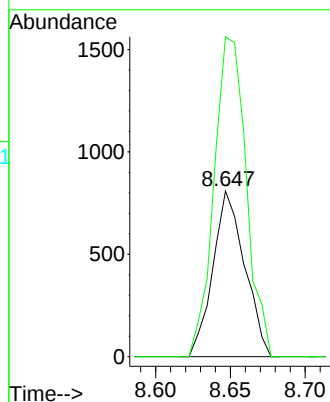
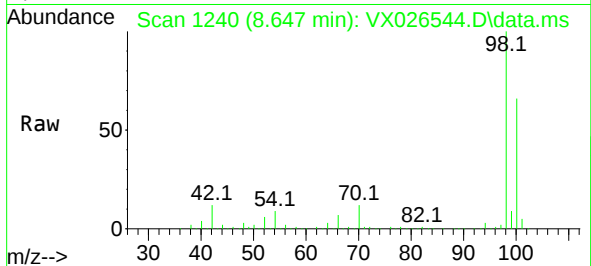




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.647 min Scan# 1194
Delta R.T. 0.073 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

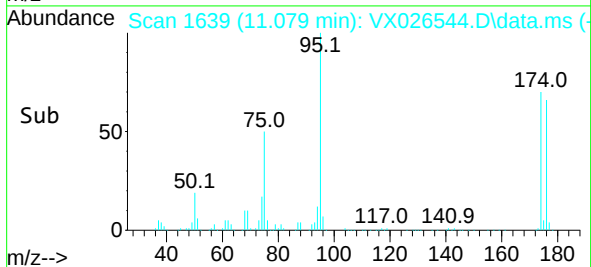
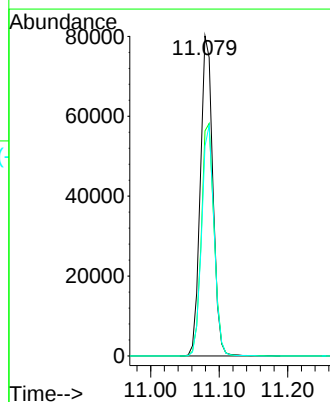
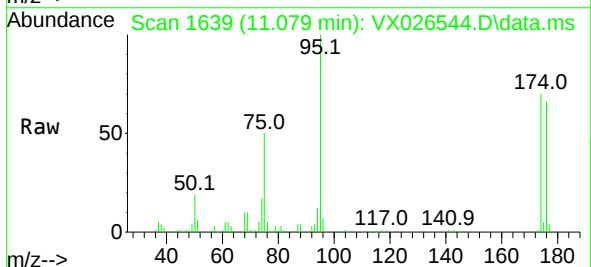
Instrument :
MSVOA_X
ClientSampleId :

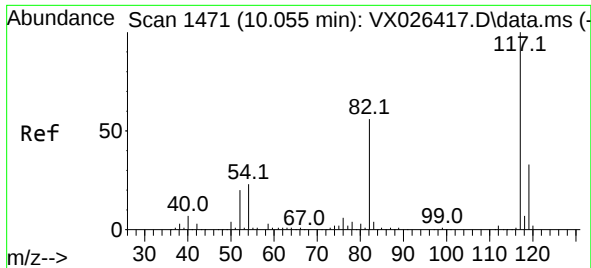
Tgt Ion: 43 Resp: 1194
Ion Ratio Lower Upper
43 100
58 196.1 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 51.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

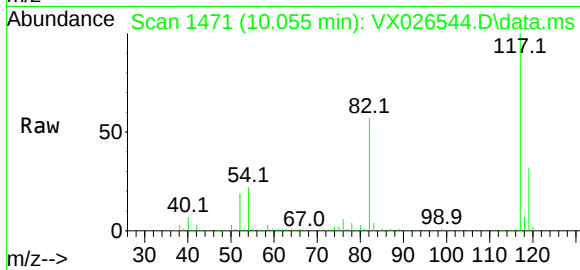
Tgt Ion: 95 Resp: 101923
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.6
176 71.7 0.0 141.4



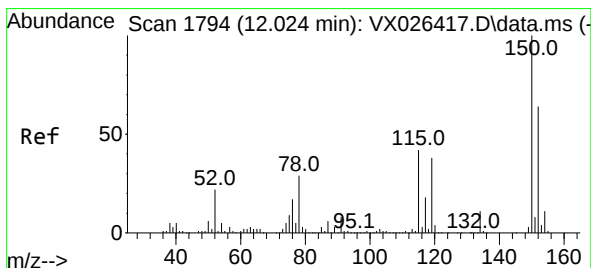
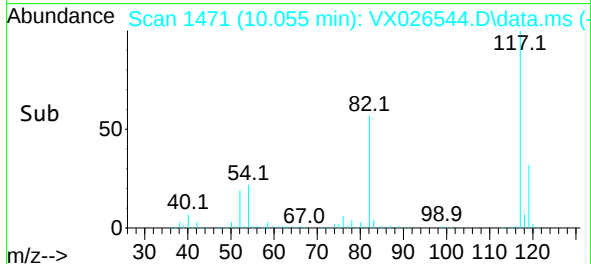
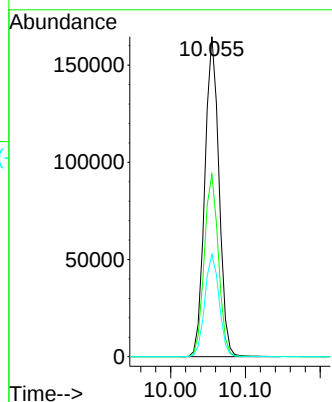


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

Instrument :
MSVOA_X
ClientSampleId :

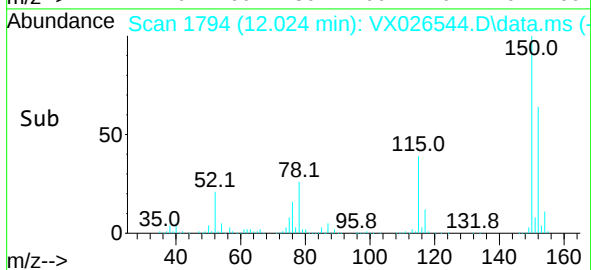
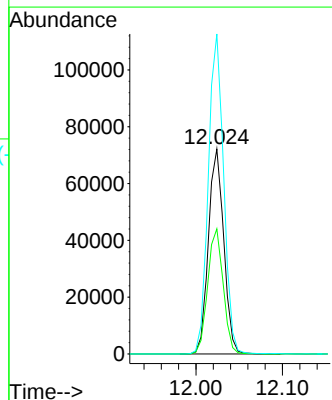
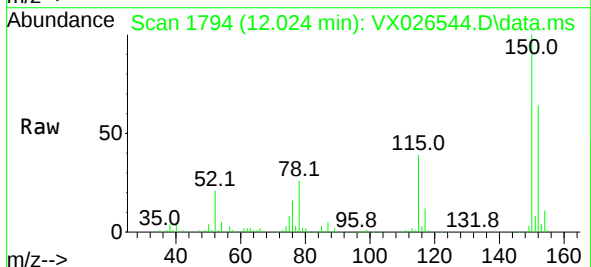


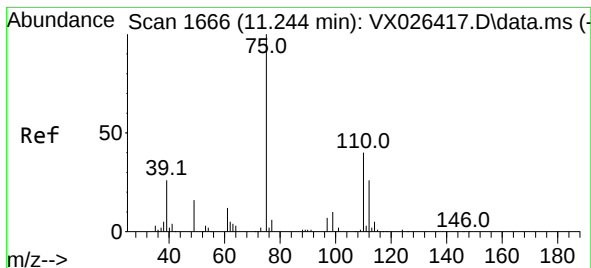
Tgt Ion:117 Resp: 216925
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026544.D
Acq: 21 Jan 2022 13:40

Tgt Ion:152 Resp: 89031
Ion Ratio Lower Upper
152 100
115 61.4 44.2 132.6
150 156.0 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 26.106 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026544.D

Acq: 21 Jan 2022 13:40

Instrument :

MSVOA_X

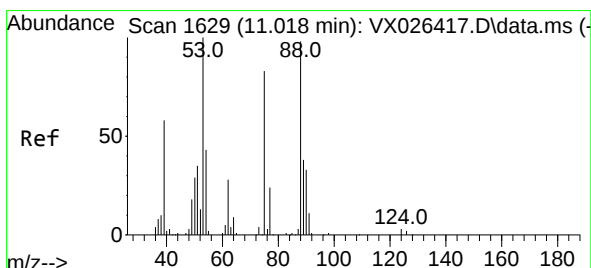
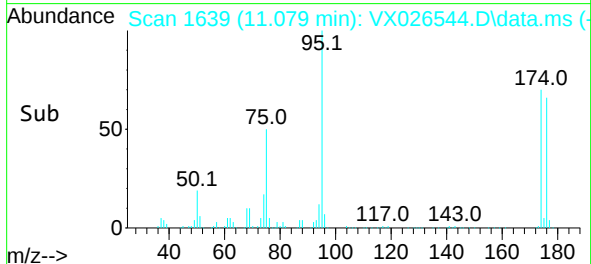
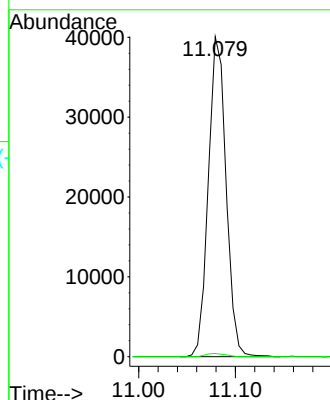
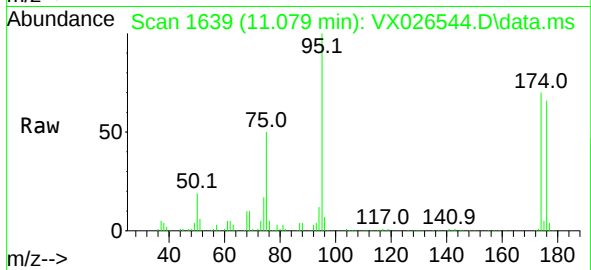
ClientSampleId :

Tgt Ion: 75 Resp: 51174

Ion Ratio Lower Upper

75 100

77 1.1 18.3 54.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.131 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX026544.D

Acq: 21 Jan 2022 13:40

Tgt Ion: 75 Resp: 51174

Ion Ratio Lower Upper

75 100

53 0.0 94.0 141.0#

89 0.0 37.0 55.4#

