

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025424.D
 Acq On : 02 Dec 2021 13:33
 Operator : JC/MD
 Sample : M4853-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:06:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

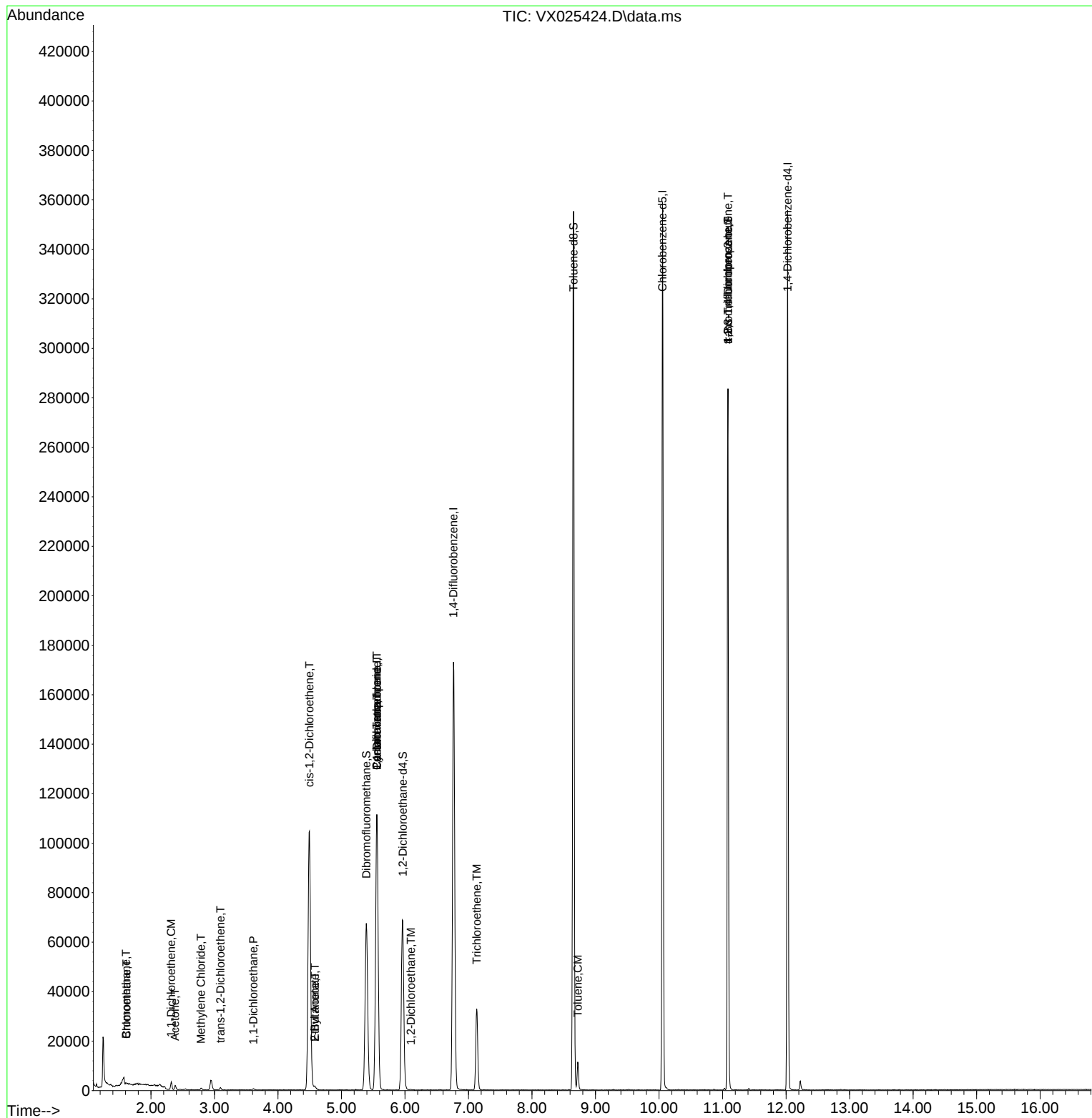
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	112072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64632	54.712	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.420%	
35) Dibromofluoromethane	5.391	113	57928	50.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	8.653	98	215933	49.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	11.085	95	75477	46.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.140%	
Target Compounds						Qvalue
5) Bromomethane	1.605	94	256	0.451	ug/l #	50
6) Chloroethane	1.617	64	717	0.787	ug/l #	43
11) Tert butyl alcohol	2.940	59	2417	Below Cal	#	72
12) 1,1-Dichloroethene	2.318	96	1080	1.040	ug/l	86
16) Acetone	2.379	43	1839	2.802	ug/l	90
20) Methylene Chloride	2.788	84	376	0.305	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	462	0.406	ug/l #	62
24) 1,1-Dichloroethane	3.611	63	714	0.365	ug/l #	83
25) 2-Butanone	4.580	43	715	0.753	ug/l #	89
27) cis-1,2-Dichloroethene	4.495	96	70599	53.128	ug/l	80
31) Cyclohexane	5.556	56	2032	1.113	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7545	4.607	ug/l #	50
37) Ethyl Acetate	4.580	43	715	0.384	ug/l #	68
38) Carbon Tetrachloride	5.556	117	10696	5.930	ug/l #	17
42) 1,2-Dichloroethane	6.092	62	398	0.247	ug/l #	77
44) Trichloroethene	7.129	130	13151	9.125	ug/l	96
52) Toluene	8.720	92	4286	1.323	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	36824	23.617	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	36824	59.495	ug/l #	9
95) Naphthalene	13.786	128	65	Below Cal	#	69

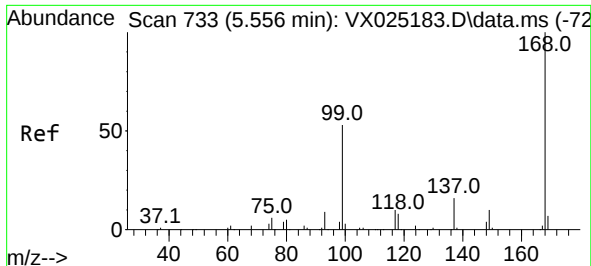
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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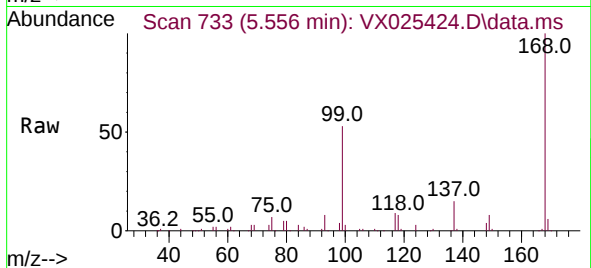
Quant Time: Dec 03 03:06:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
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QLast Update : Wed Nov 17 15:36:16 2021
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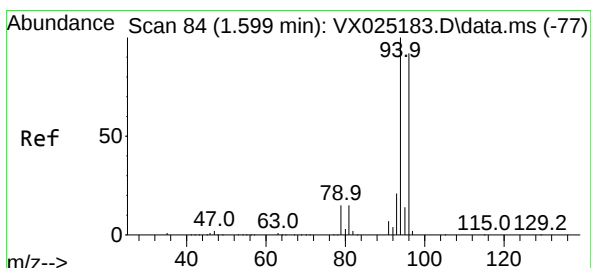
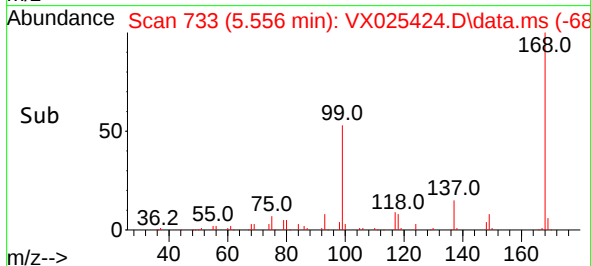
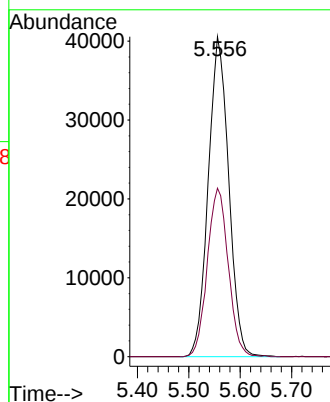


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Instrument :
MSVOA_X
ClientSampleId :

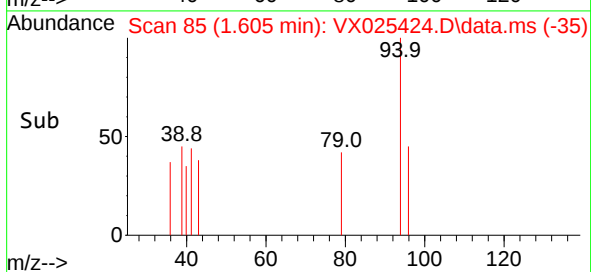
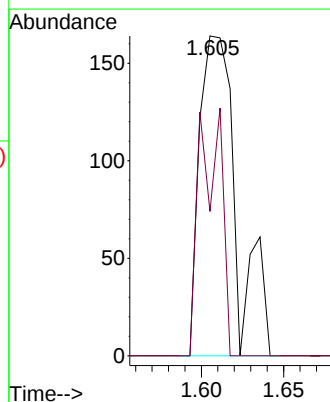
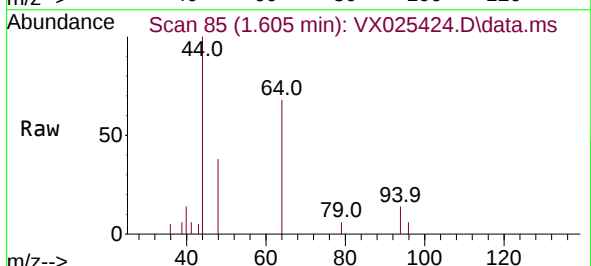


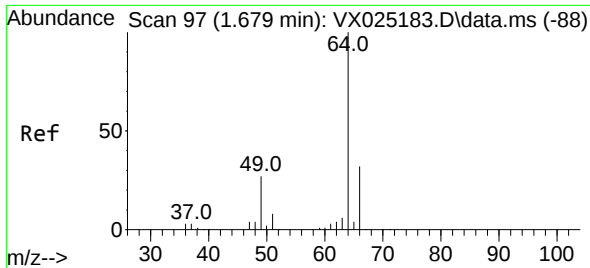
Tgt Ion:168 Resp: 112072
Ion Ratio Lower Upper
168 100
99 52.7 46.4 69.6



#5
Bromomethane
Concen: 0.451 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 45.1 74.8 112.2#

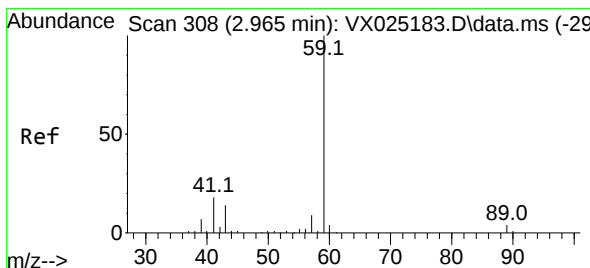
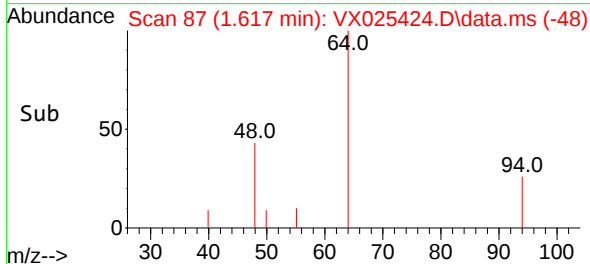
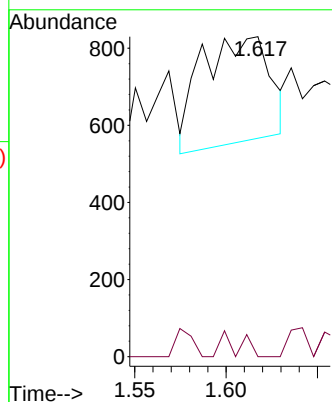
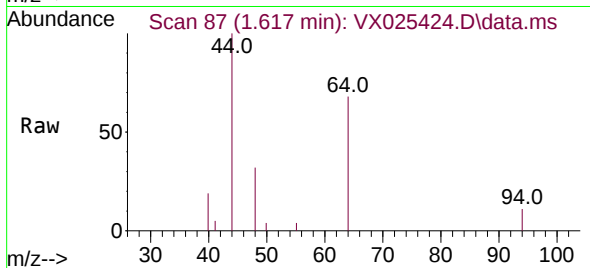




#6
Chloroethane
Concen: 0.787 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.062 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

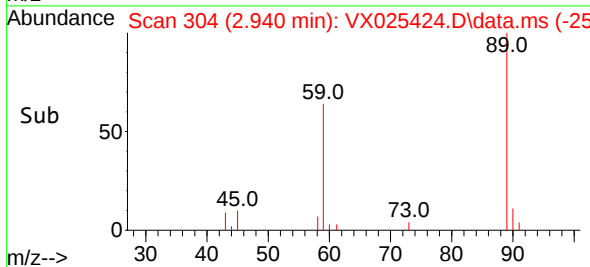
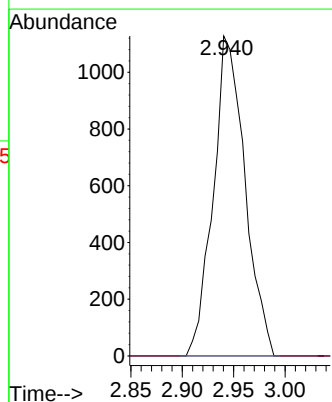
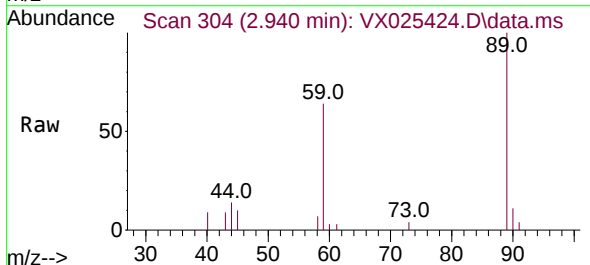
Instrument :
MSVOA_X
ClientSampleId :

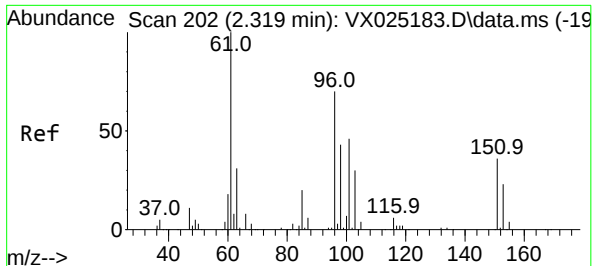
Tgt Ion: 64 Resp: 717
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Tgt Ion: 59 Resp: 2417
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#12

1,1-Dichloroethene

Concen: 1.040 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.001 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

ClientSampleId :

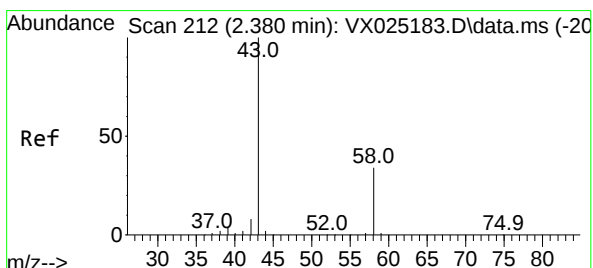
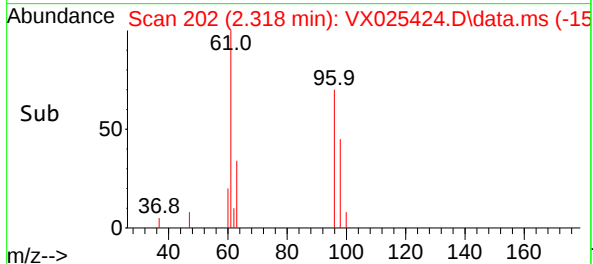
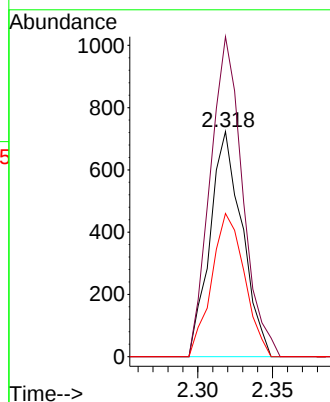
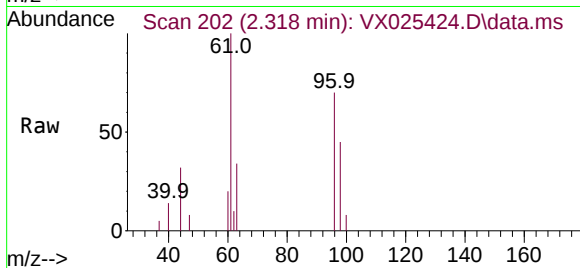
Tgt Ion: 96 Resp: 1080

Ion Ratio Lower Upper

96 100

61 142.2 134.1 201.1

98 63.6 51.5 77.3



#16

Acetone

Concen: 2.802 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX025424.D

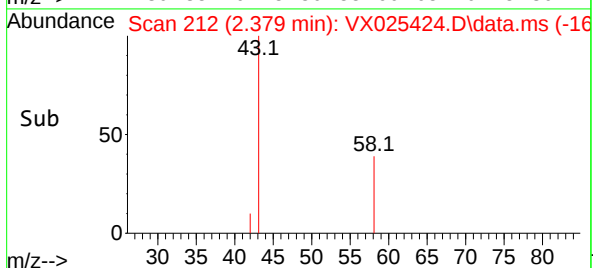
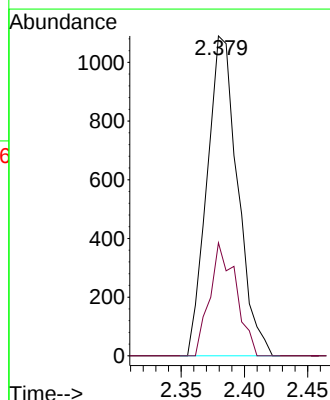
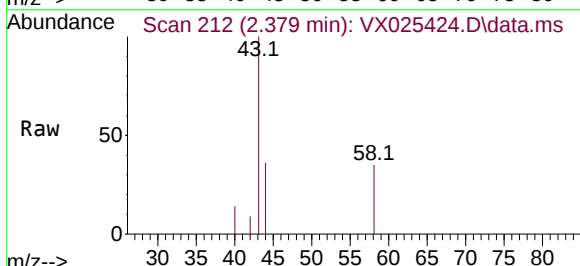
Acq: 02 Dec 2021 13:33

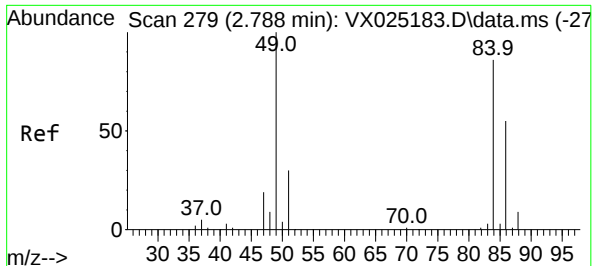
Tgt Ion: 43 Resp: 1839

Ion Ratio Lower Upper

43 100

58 35.3 24.0 36.0





#20

Methylene Chloride

Concen: 0.305 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

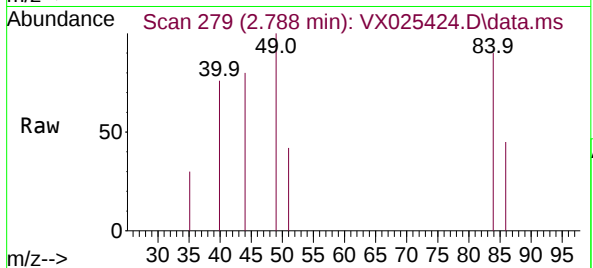
Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 376

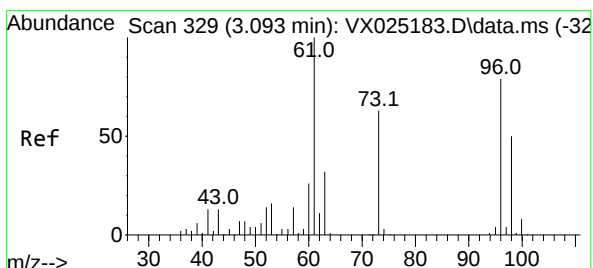
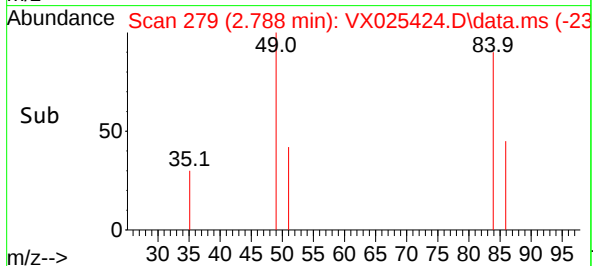
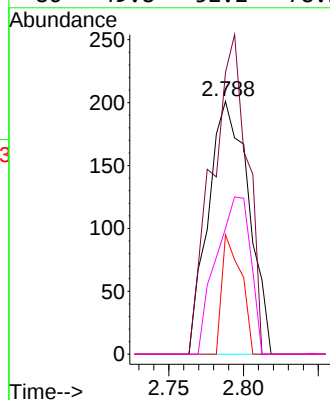
Ion Ratio Lower Upper

84 100

49 111.4 98.2 147.2

51 47.3 30.2 45.4#

86 49.8 52.2 78.2#



#21

trans-1,2-Dichloroethene

Concen: 0.406 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

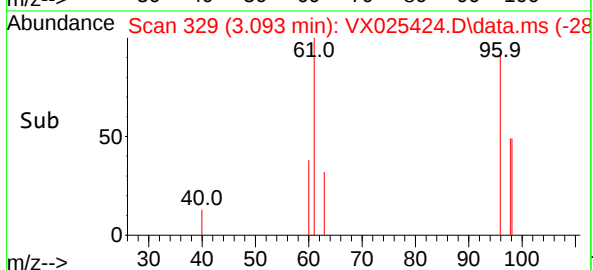
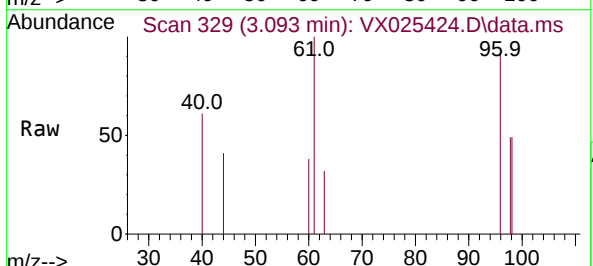
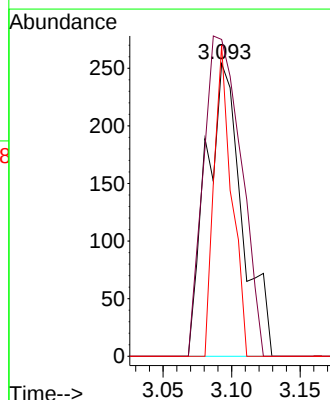
Tgt Ion: 96 Resp: 462

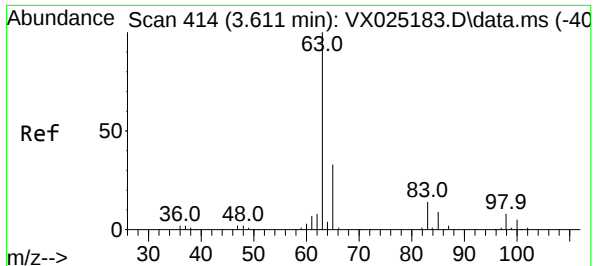
Ion Ratio Lower Upper

96 100

61 108.3 117.9 176.9#

98 106.3 51.1 76.7#

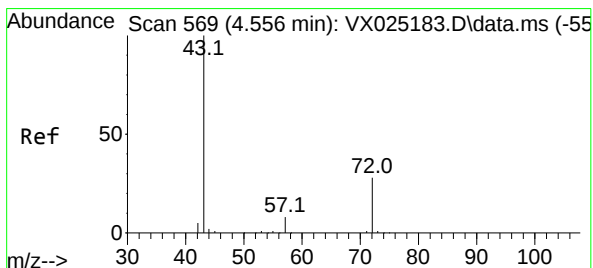
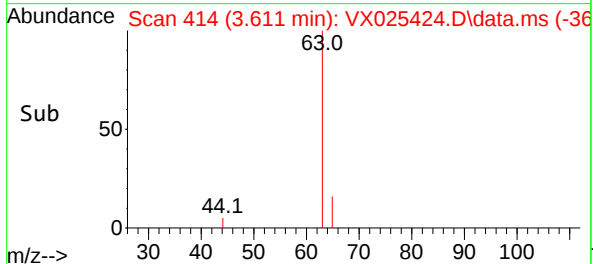
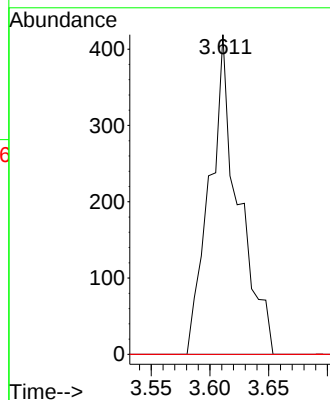
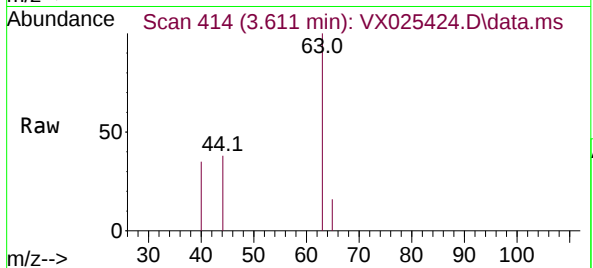




#24
 1,1-Dichloroethane
 Concen: 0.365 ug/l
 RT: 3.611 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025424.D
 Acq: 02 Dec 2021 13:33

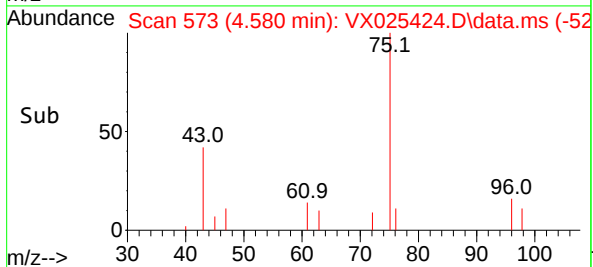
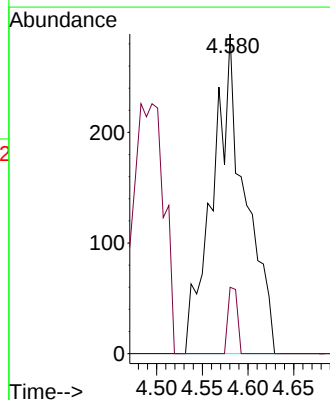
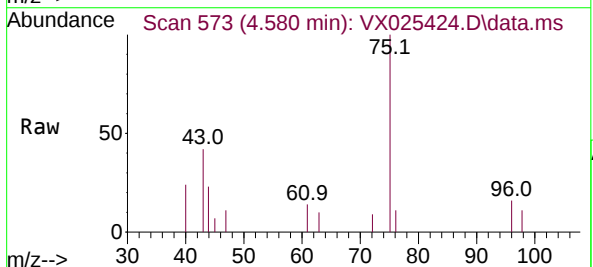
Instrument :
 MSVOA_X
 ClientSampleId :

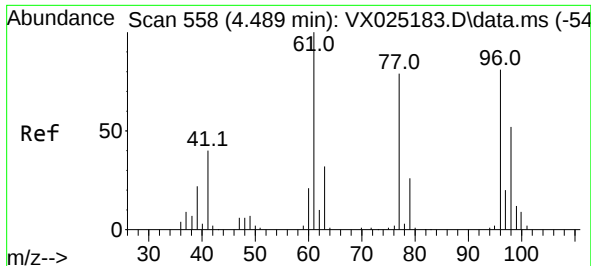
Tgt Ion: 63 Resp: 714
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.2#



#25
 2-Butanone
 Concen: 0.753 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.024 min
 Lab File: VX025424.D
 Acq: 02 Dec 2021 13:33

Tgt Ion: 43 Resp: 715
 Ion Ratio Lower Upper
 43 100
 72 20.8 21.2 31.8#





#27

cis-1,2-Dichloroethene

Concen: 53.128 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

ClientSampleId :

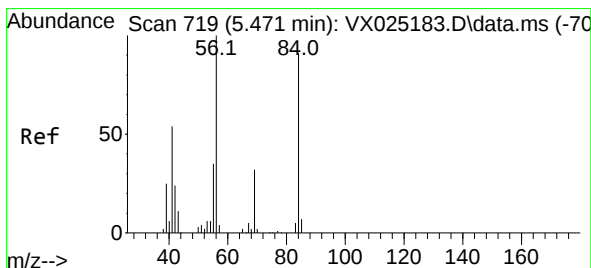
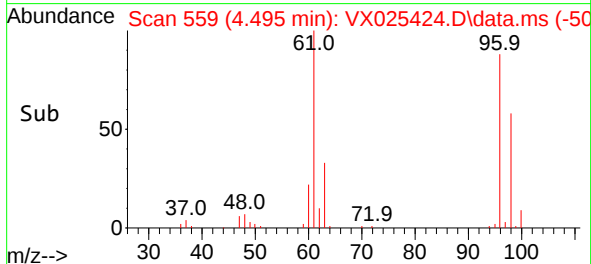
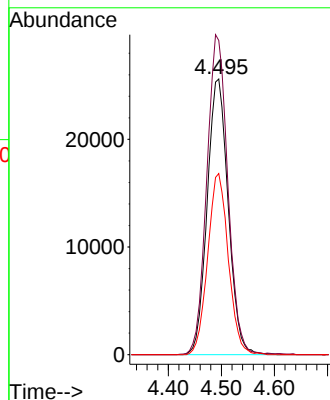
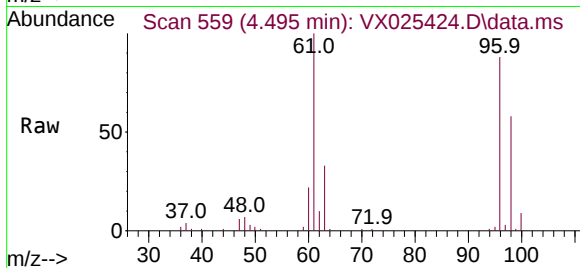
Tgt Ion: 96 Resp: 70599

Ion Ratio Lower Upper

96 100

61 116.1 0.0 302.2

98 64.4 0.0 131.4



#31

Cyclohexane

Concen: 1.113 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

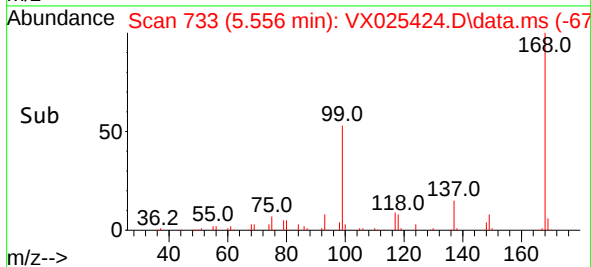
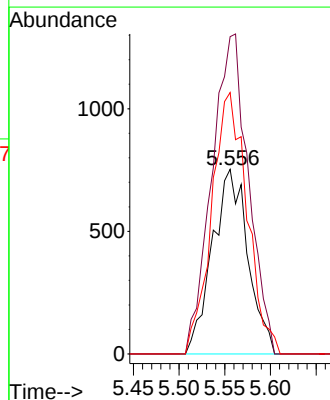
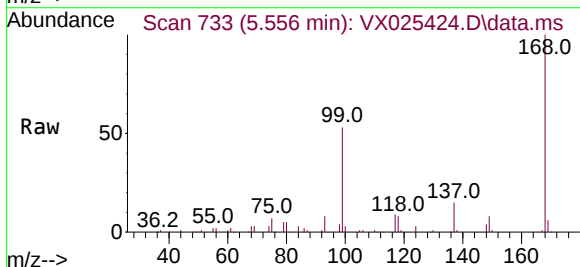
Tgt Ion: 56 Resp: 2032

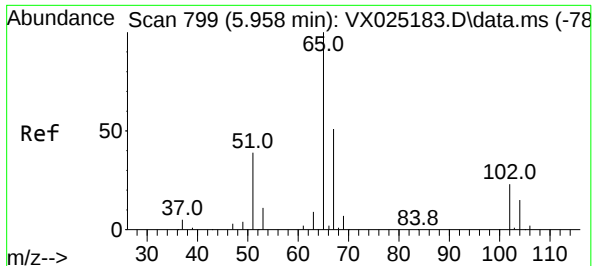
Ion Ratio Lower Upper

56 100

69 171.8 24.2 36.2#

84 141.6 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 54.712 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

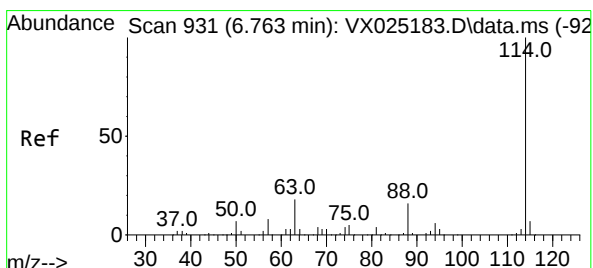
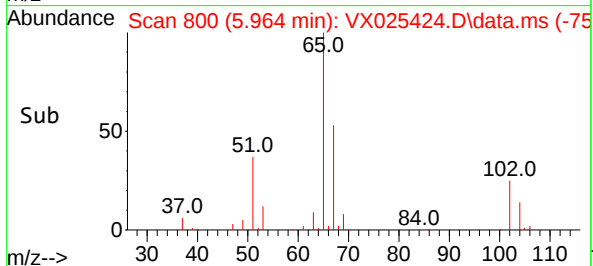
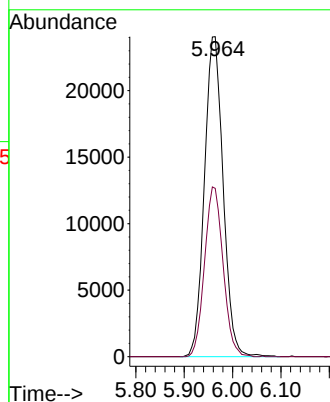
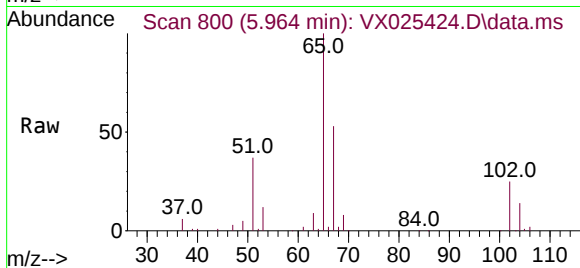
ClientSampleId :

Tgt Ion: 65 Resp: 64632

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

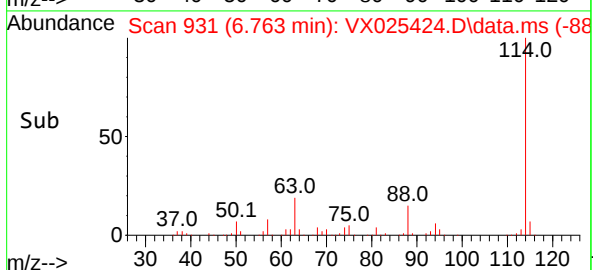
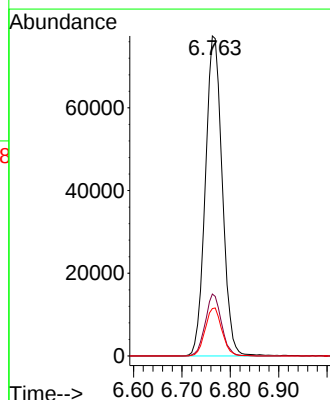
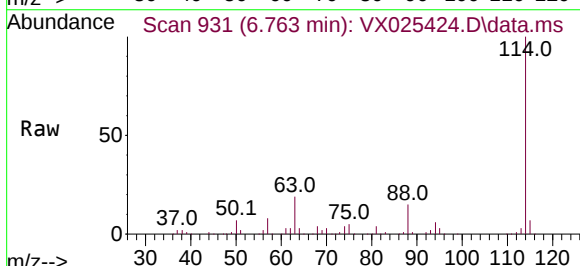
Tgt Ion: 114 Resp: 187714

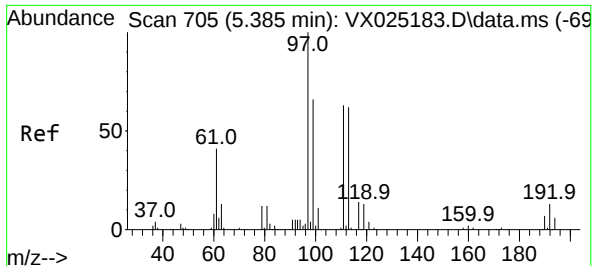
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.0

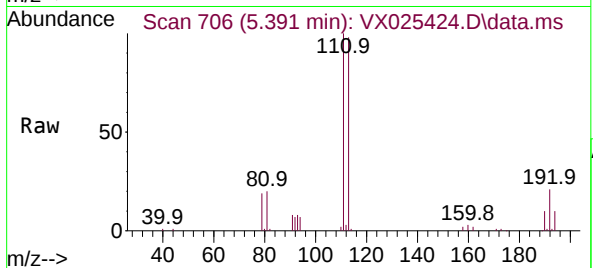
88 14.8 0.0 34.8



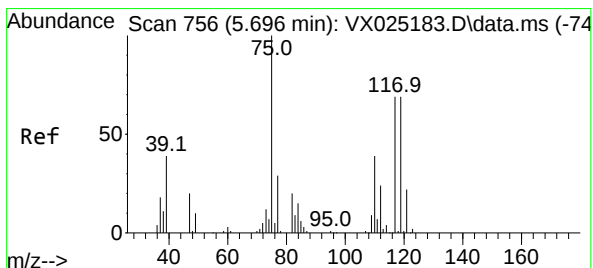
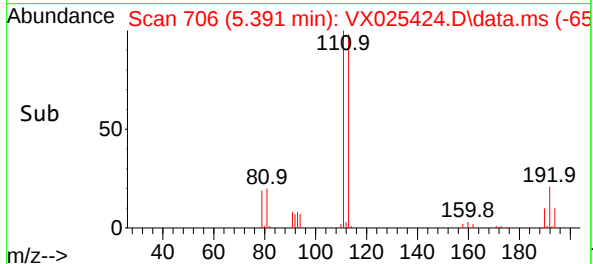
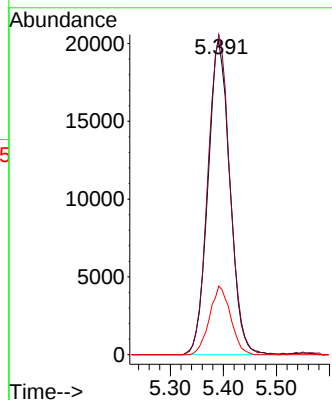


#35
 Dibromofluoromethane
 Concen: 50.296 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX025424.D
 Acq: 02 Dec 2021 13:33

Instrument :
 MSVOA_X
 ClientSampleId :

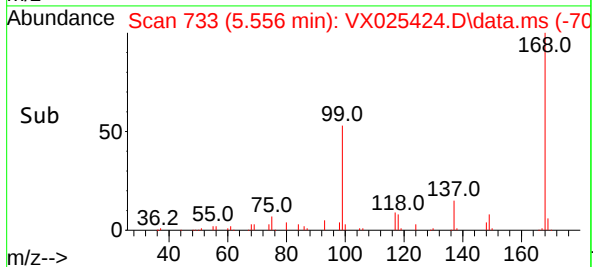
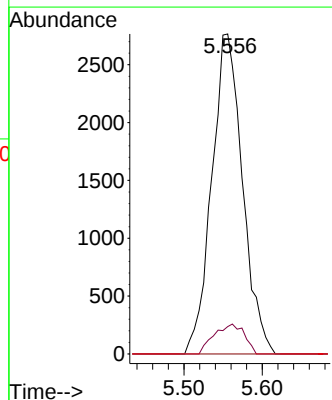
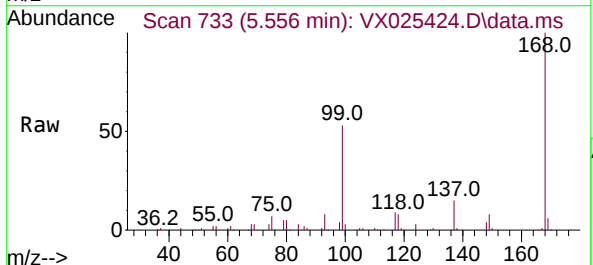


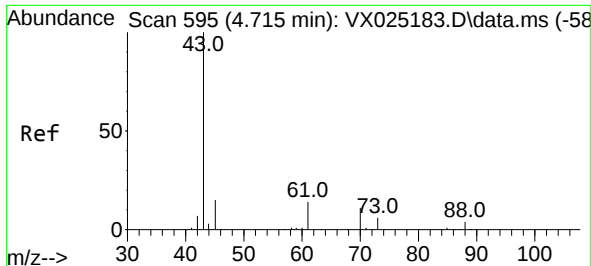
Tgt Ion:113 Resp: 57928
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.1 123.1
 192 21.0 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 4.607 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.140 min
 Lab File: VX025424.D
 Acq: 02 Dec 2021 13:33

Tgt Ion: 75 Resp: 7545
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.1 54.3#
 77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 0.384 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.135 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

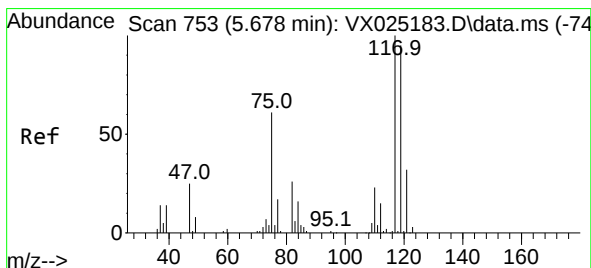
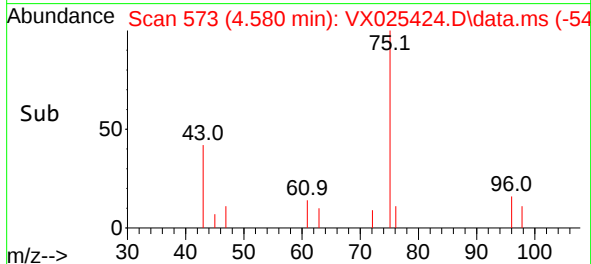
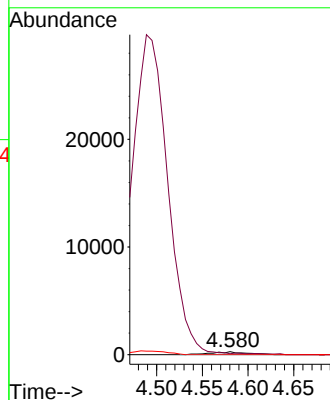
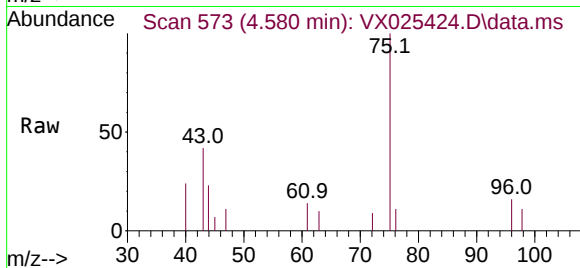
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 715

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	0.0	8.6	12.8#



#38

Carbon Tetrachloride

Concen: 5.930 ug/l

RT: 5.556 min Scan# 733

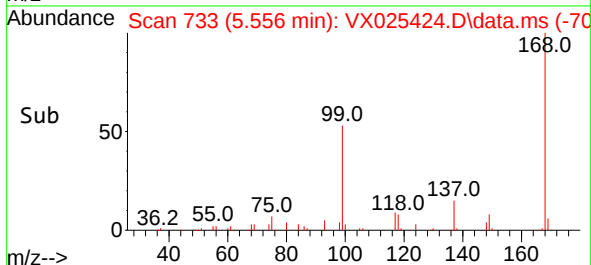
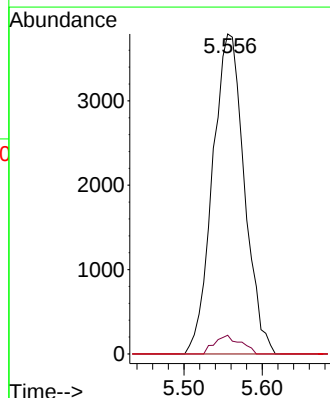
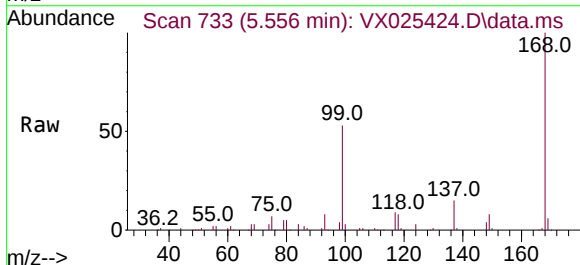
Delta R.T. -0.122 min

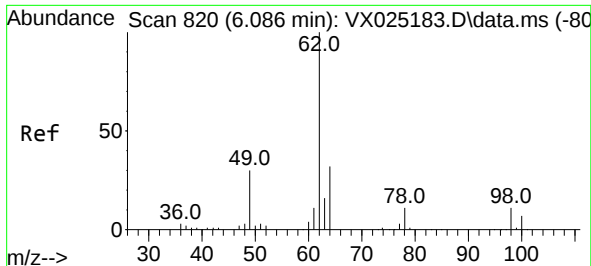
Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Tgt Ion: 117 Resp: 10696

Ion	Ratio	Lower	Upper
117	100		
119	5.9	75.6	113.4#
121	0.0	23.7	35.5#





#42

1,2-Dichloroethane

Concen: 0.247 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

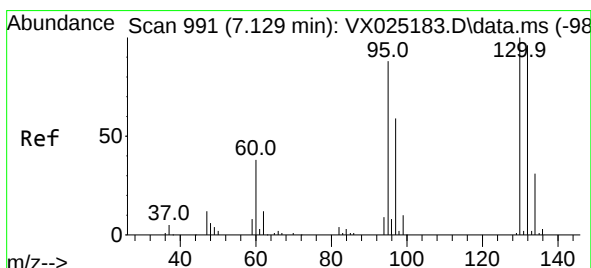
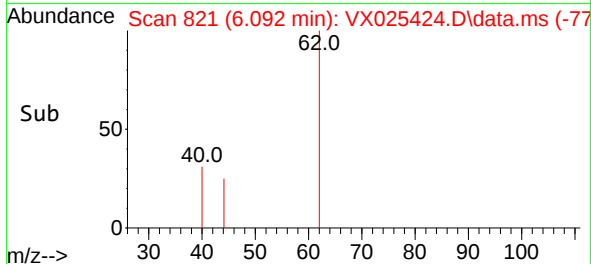
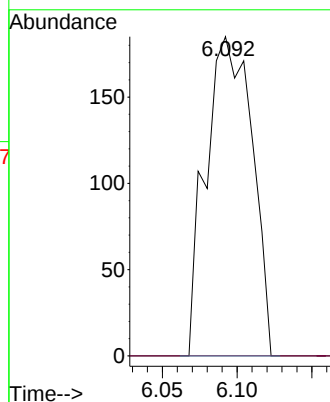
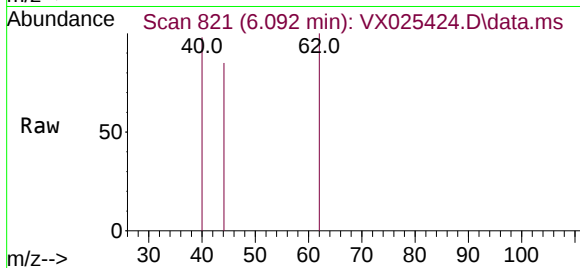
ClientSampleId :

Tgt Ion: 62 Resp: 398

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 9.125 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025424.D

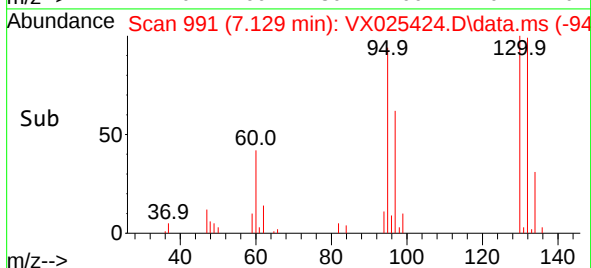
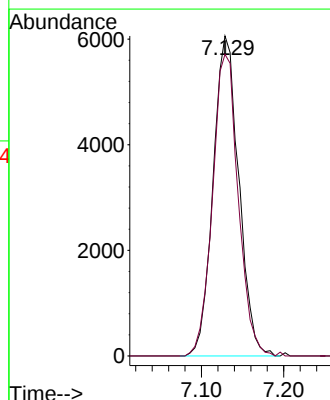
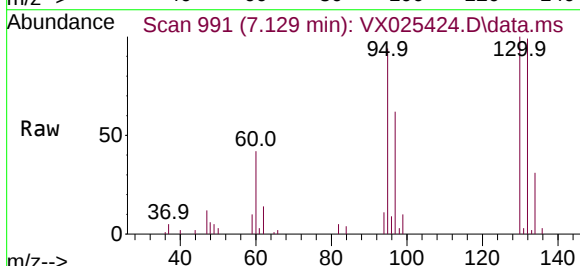
Acq: 02 Dec 2021 13:33

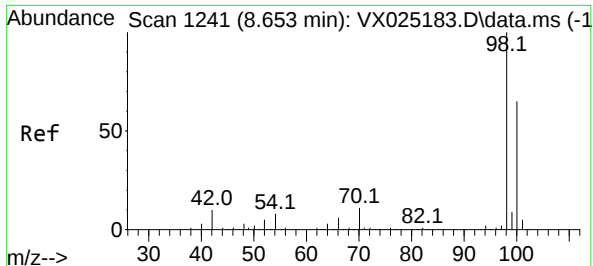
Tgt Ion:130 Resp: 13151

Ion Ratio Lower Upper

130 100

95 94.3 0.0 196.8





#50

Toluene-d8

Concen: 49.864 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025424.D

Acq: 02 Dec 2021 13:33

Instrument :

MSVOA_X

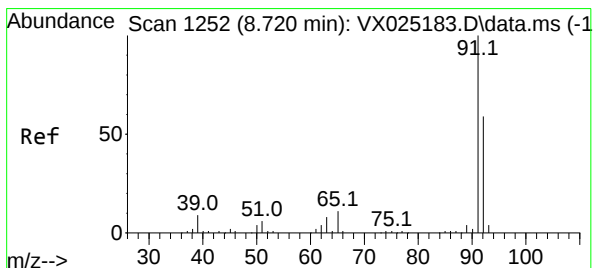
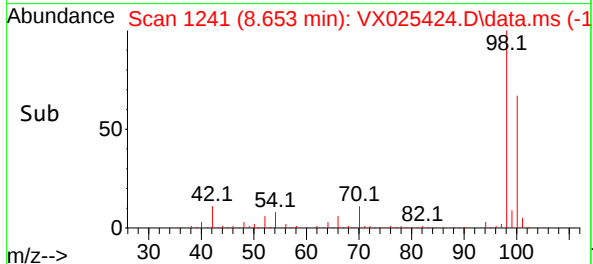
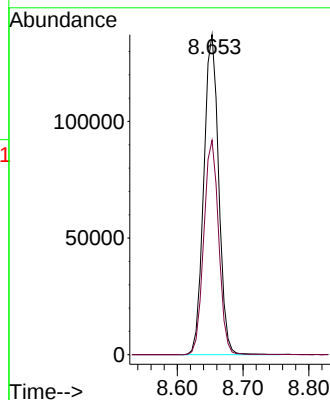
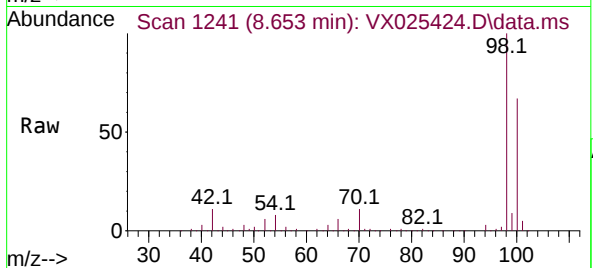
ClientSampleId :

Tgt Ion: 98 Resp: 215933

Ion Ratio Lower Upper

98 100

100 67.0 51.4 77.0



#52

Toluene

Concen: 1.323 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025424.D

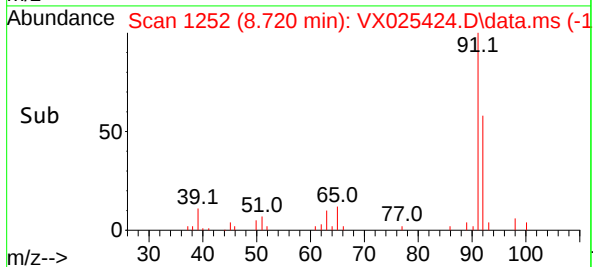
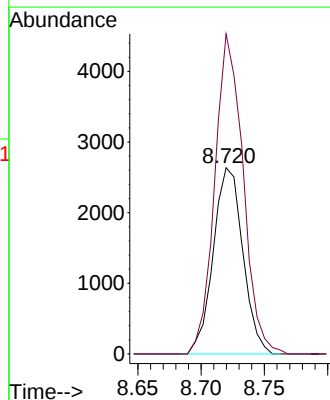
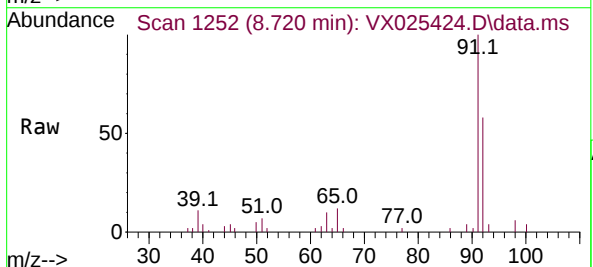
Acq: 02 Dec 2021 13:33

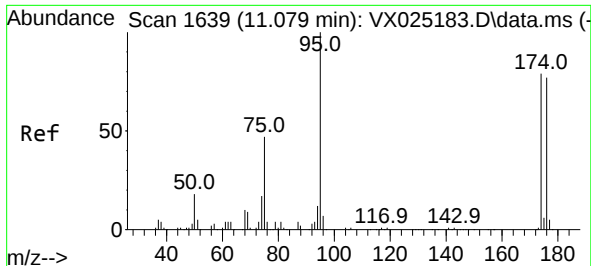
Tgt Ion: 92 Resp: 4286

Ion Ratio Lower Upper

92 100

91 164.6 138.6 208.0

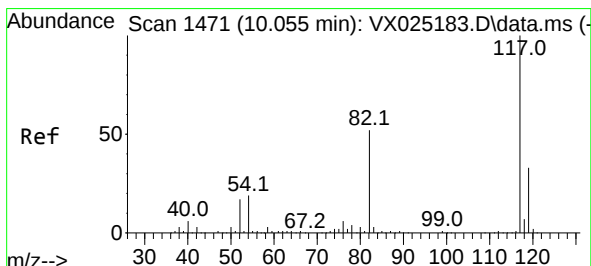
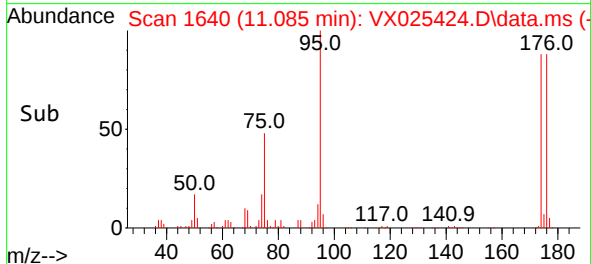
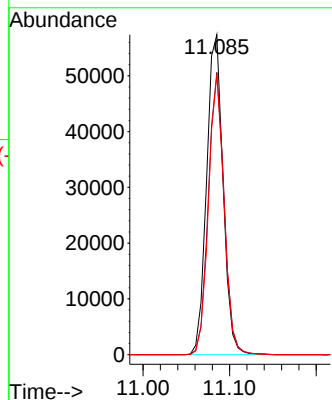
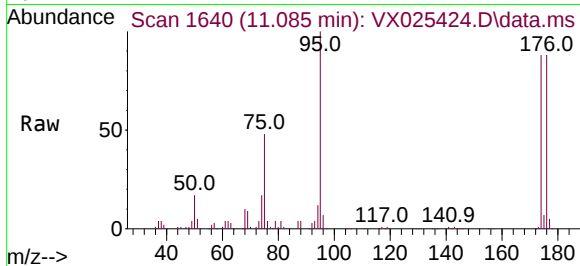




#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

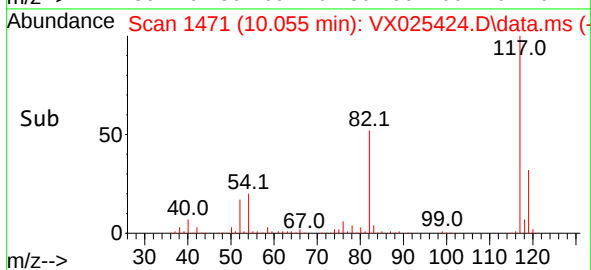
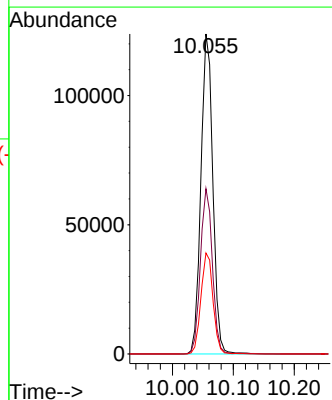
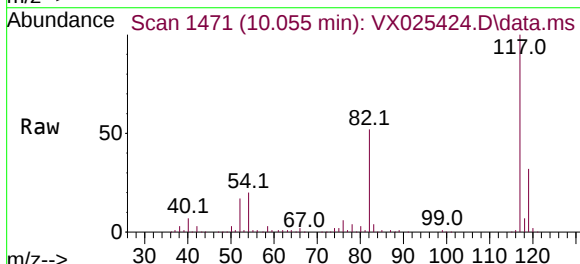
Instrument :
MSVOA_X
ClientSampleId :

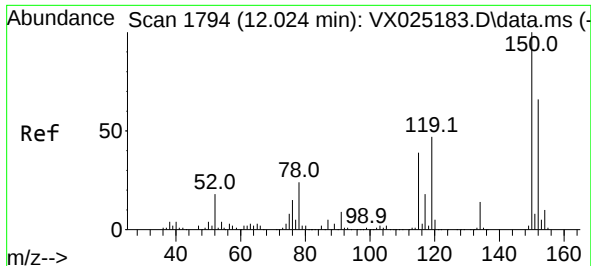
Tgt Ion: 95 Resp: 75477
Ion Ratio Lower Upper
95 100
174 85.3 0.0 158.0
176 83.0 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

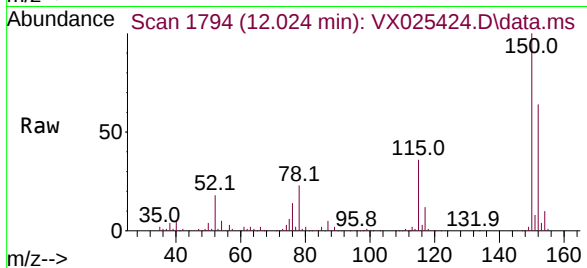
Tgt Ion: 117 Resp: 167808
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 31.6 24.8 37.2



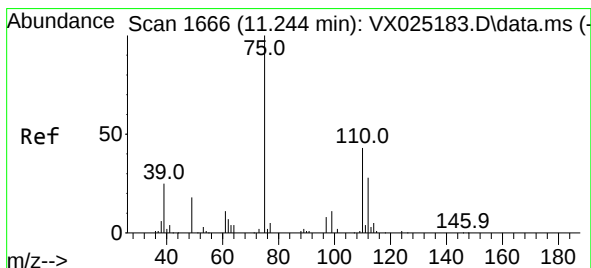
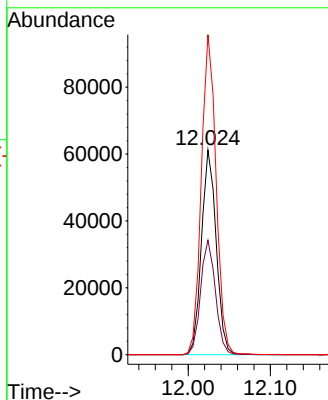
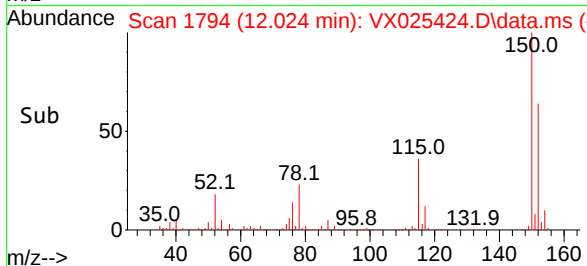


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025424.D
 Acq: 02 Dec 2021 13:33

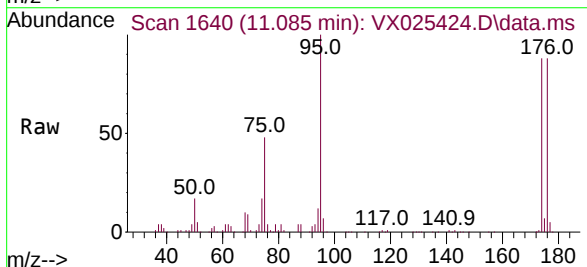
Instrument :
 MSVOA_X
 ClientSampleId :



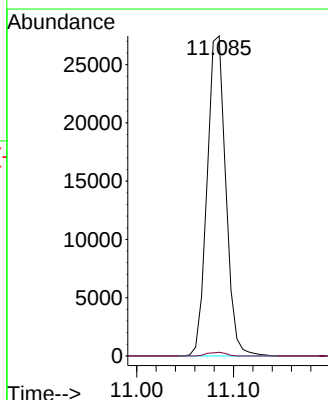
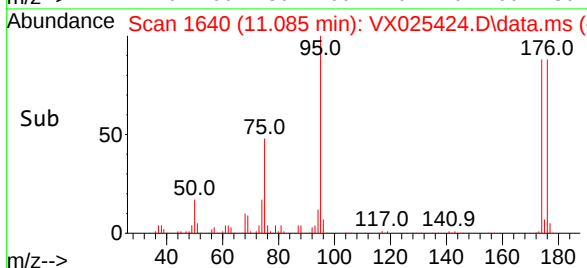
Tgt Ion:152 Resp: 76142
 Ion Ratio Lower Upper
 152 100
 115 56.4 43.3 129.8
 150 157.0 0.0 351.2

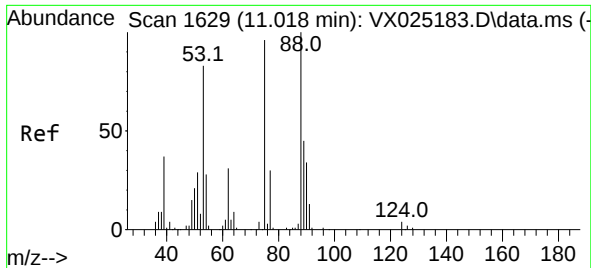


#76
 1,2,3-Trichloropropane
 Concen: 23.617 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025424.D
 Acq: 02 Dec 2021 13:33



Tgt Ion: 75 Resp: 36824
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#

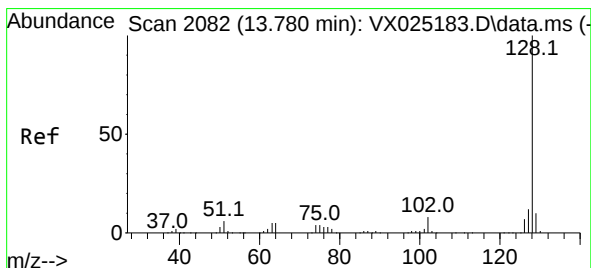
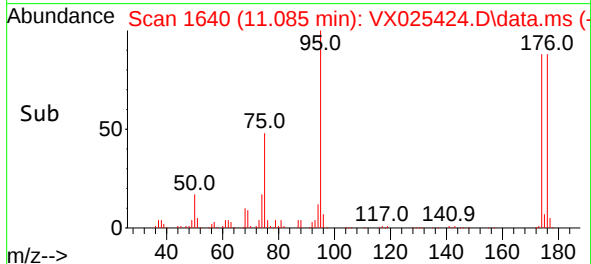
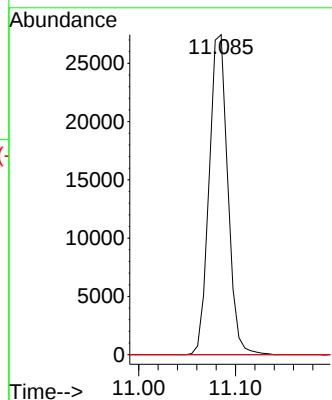
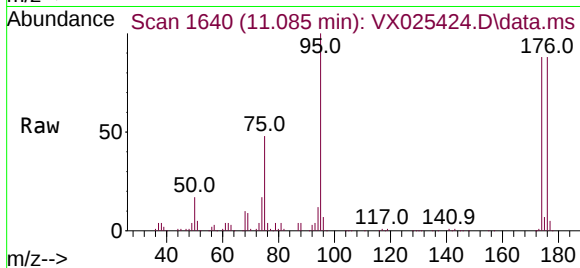




#81
trans-1,4-Dichloro-2-butene
Concen: 59.495 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36824
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025424.D
Acq: 02 Dec 2021 13:33

Tgt Ion: 128 Resp: 65
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

