

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027541.D
 Acq On : 18 Mar 2022 20:26
 Operator : JC/MD
 Sample : N1998-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:10:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

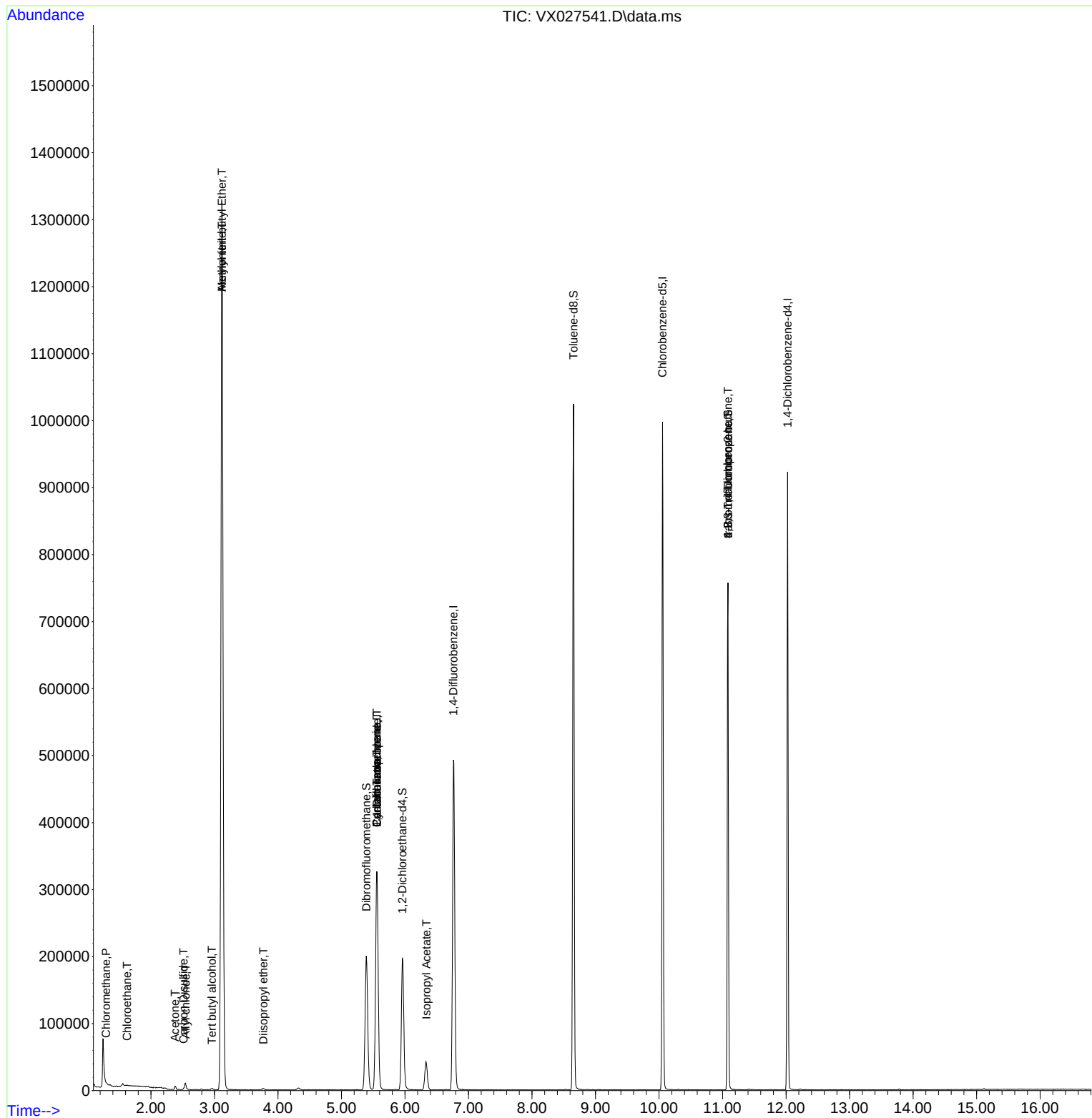
Internal Standards						
1) Pentafluorobenzene	5.556	168	320440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	531809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194661	49.312	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.620%
35) Dibromofluoromethane	5.391	113	177183	51.784	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.560%
50) Toluene-d8	8.653	98	620592	47.931	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.085	95	208250	43.760	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	655	0.240	ug/l #	88
5) Bromomethane	1.617	94	462	Below Cal	#	75
6) Chloroethane	1.624	64	3924	2.027	ug/l #	46
11) Tert butyl alcohol	2.959	59	2633	3.500	ug/l #	72
14) Allyl chloride	2.544	41	1075	0.231	ug/l #	51
15) Acrylonitrile	3.117	53	15823	9.251	ug/l #	31
16) Acetone	2.380	43	5592	3.475	ug/l	97
17) Carbon Disulfide	2.514	76	1936	0.256	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	1523441	151.750	ug/l	99
22) Diisopropyl ether	3.769	45	2445	0.269	ug/l #	90
31) Cyclohexane	5.556	56	5812	1.186	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	22744	4.864	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32147	6.010	ug/l #	16
43) Isopropyl Acetate	6.336	43	13044	1.740	ug/l #	7
58) 2-Chloroethyl Vinyl ether	8.171	63	56	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.085	75	98851	24.549	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	98851	74.556	ug/l #	15

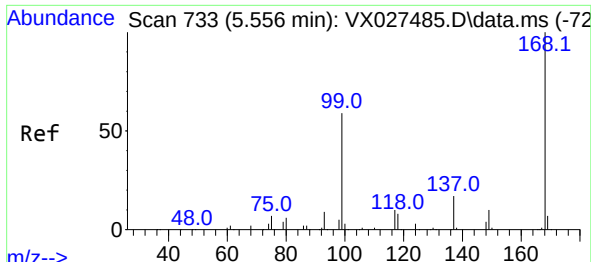
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
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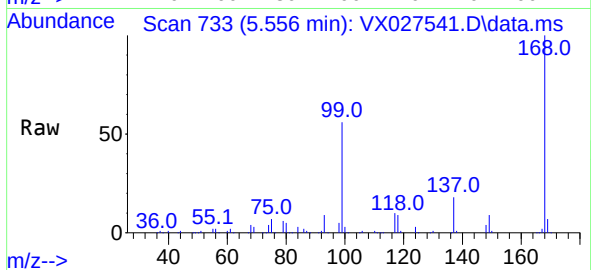
Quant Time: Mar 19 03:10:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



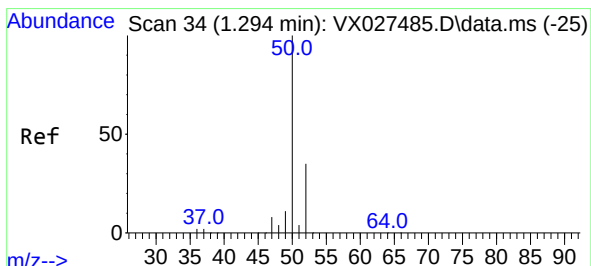
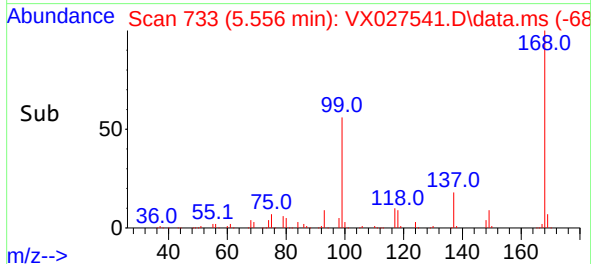
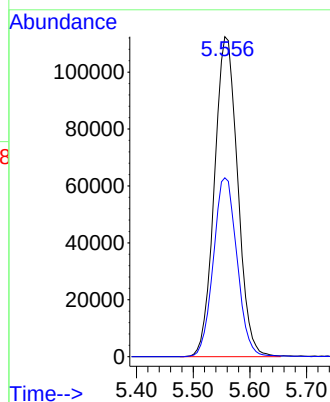


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :

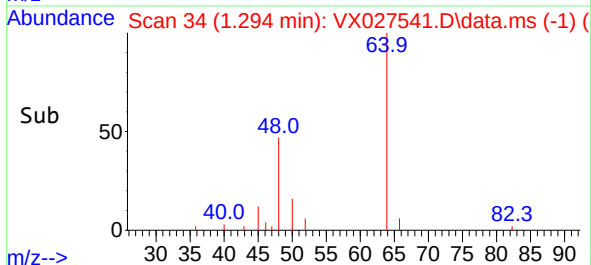
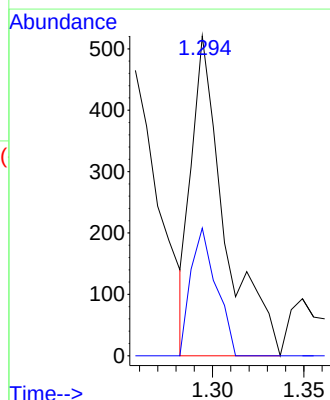
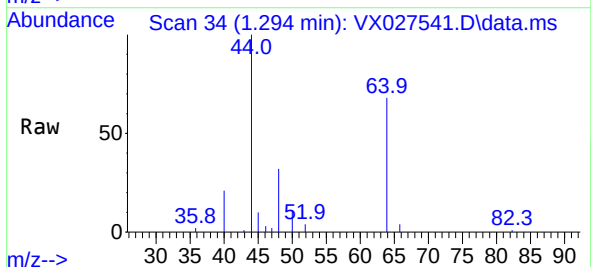


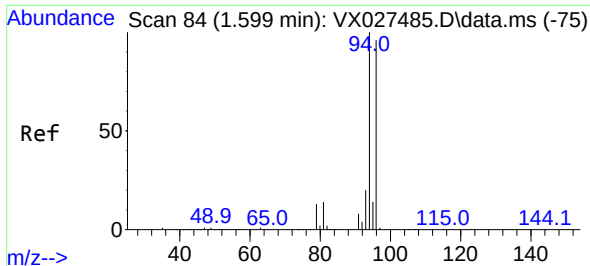
Tgt Ion:168 Resp: 320440
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Tgt Ion: 50 Resp: 655
Ion Ratio Lower Upper
50 100
52 39.9 26.4 39.6#

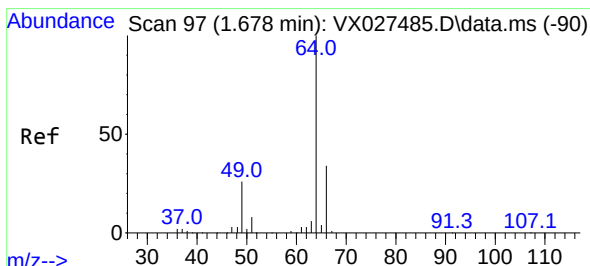
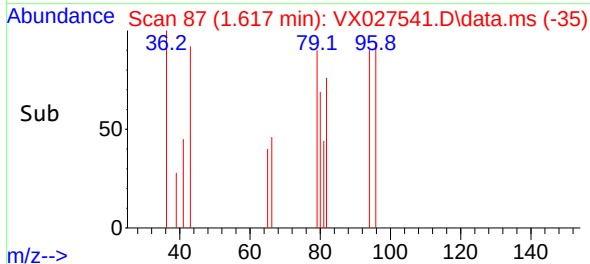
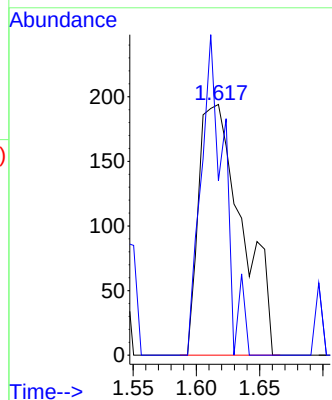
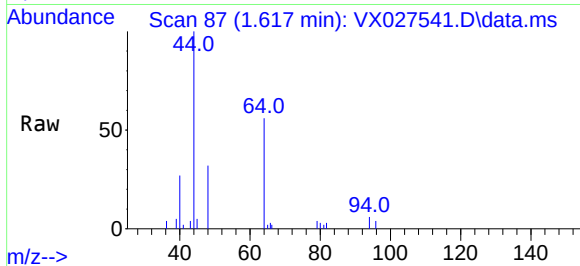




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

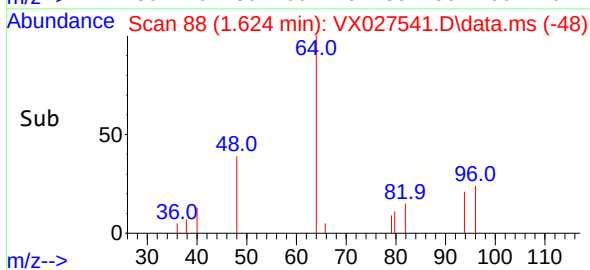
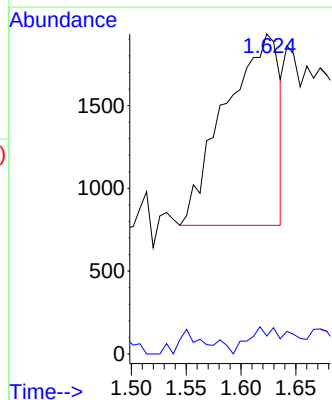
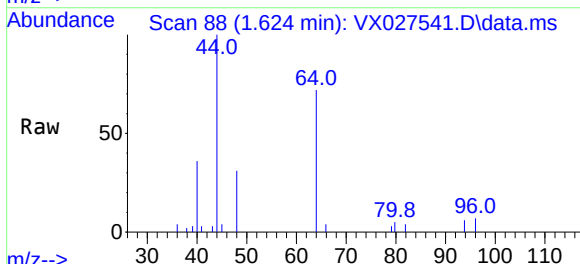
Instrument :
MSVOA_X
ClientSampleId :

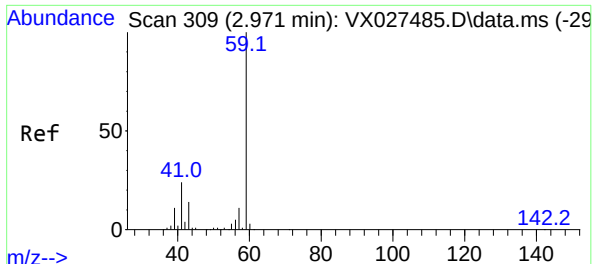
Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 69.6 75.3 112.9#



#6
Chloroethane
Concen: 2.027 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.055 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Tgt Ion: 64 Resp: 3924
Ion Ratio Lower Upper
64 100
66 1.9 25.3 37.9#





#11

Tert butyl alcohol

Concen: 3.500 ug/l

RT: 2.959 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX027541.D

Acq: 18 Mar 2022 20:26

Instrument :

MSVOA_X

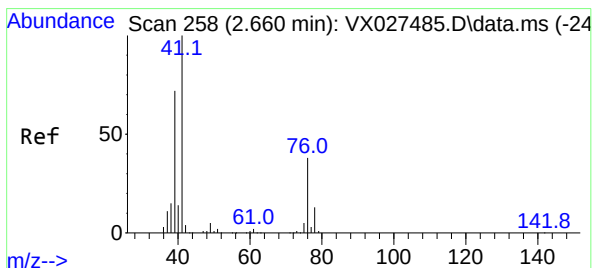
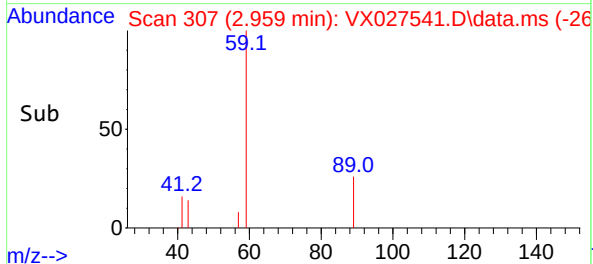
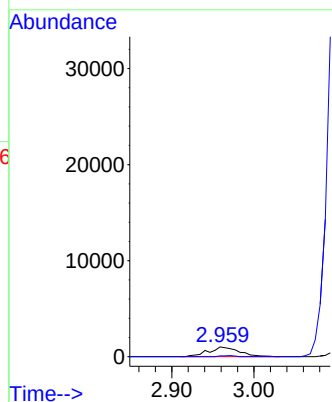
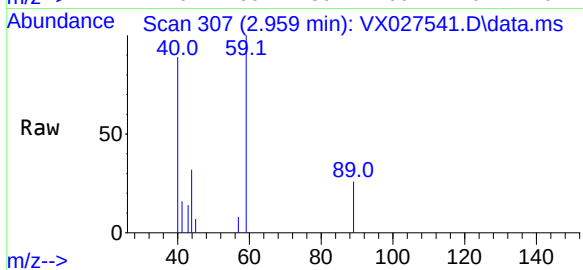
ClientSampleId :

Tgt Ion: 59 Resp: 2633

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.231 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.116 min

Lab File: VX027541.D

Acq: 18 Mar 2022 20:26

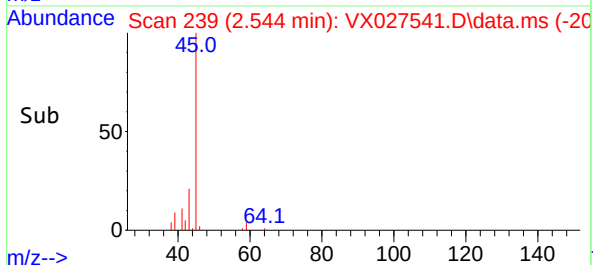
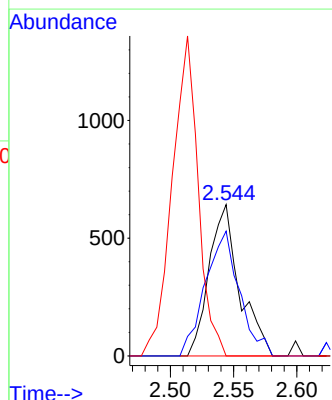
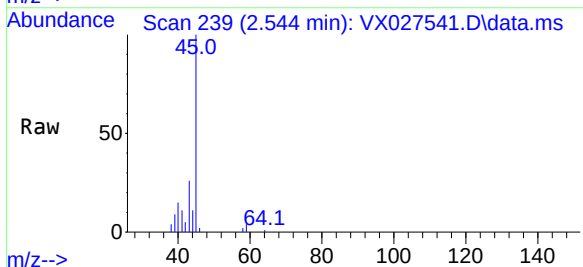
Tgt Ion: 41 Resp: 1075

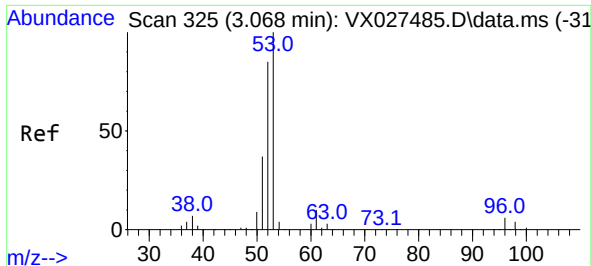
Ion Ratio Lower Upper

41 100

39 92.4 50.4 75.6#

76 0.0 32.7 49.1#

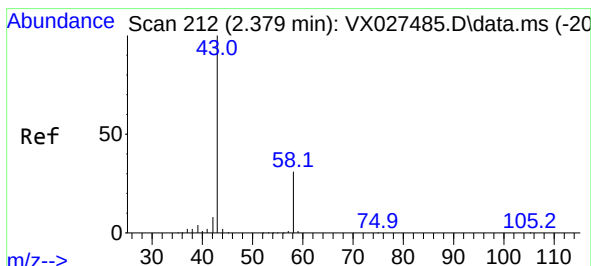
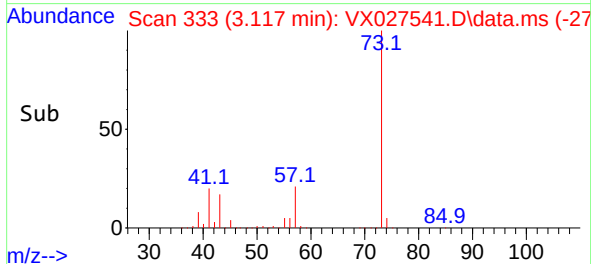
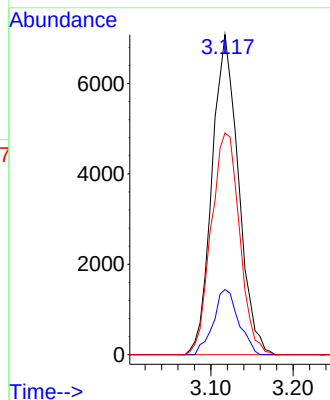
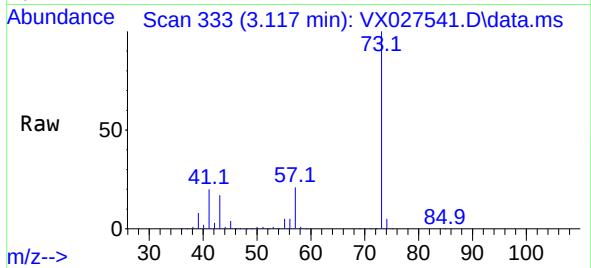




#15
Acrylonitrile
Concen: 9.251 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

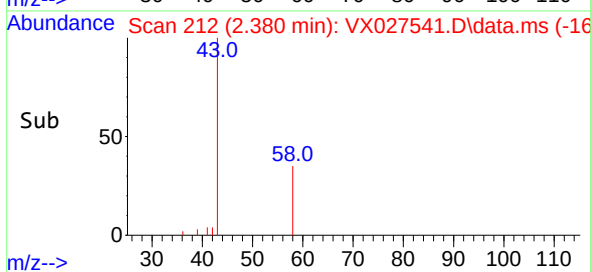
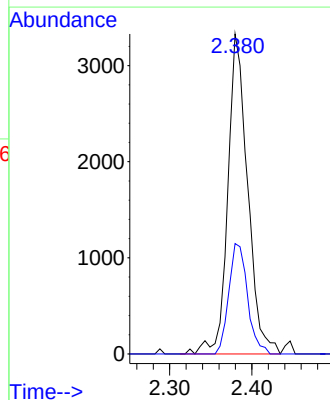
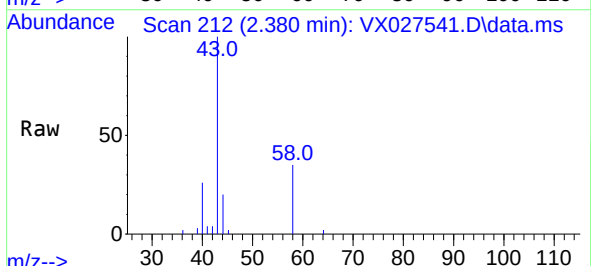
Instrument :
MSVOA_X
ClientSampleId :

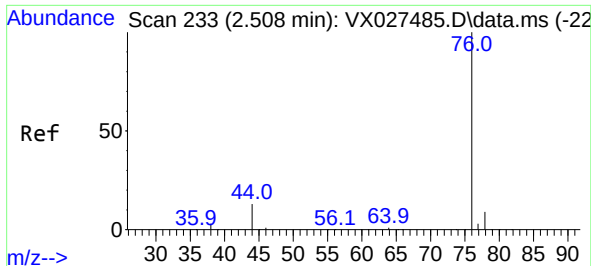
Tgt Ion: 53 Resp: 15823
Ion Ratio Lower Upper
53 100
52 19.4 65.7 98.5#
51 74.3 28.4 42.6#



#16
Acetone
Concen: 3.475 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

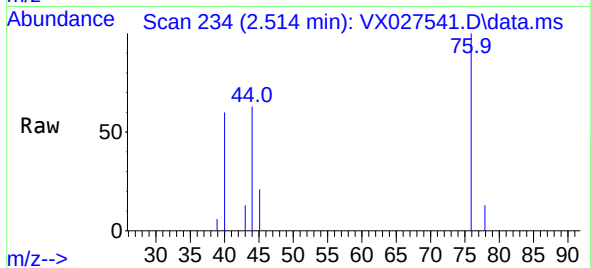
Tgt Ion: 43 Resp: 5592
Ion Ratio Lower Upper
43 100
58 34.5 28.8 43.2



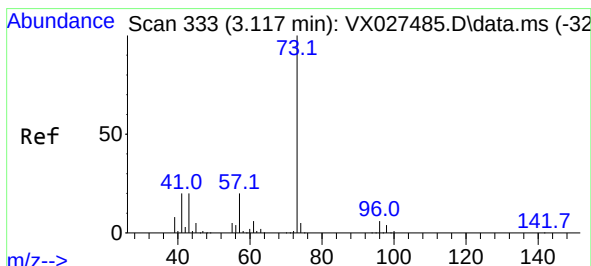
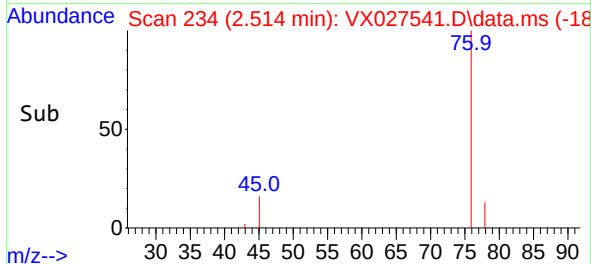
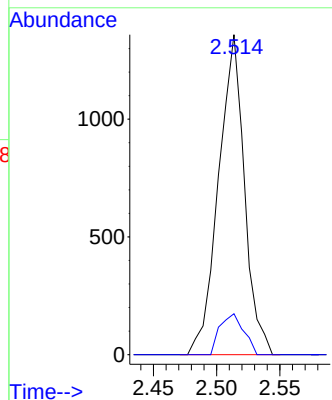


#17
Carbon Disulfide
Concen: 0.256 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :

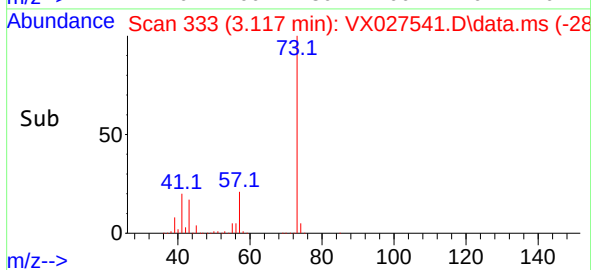
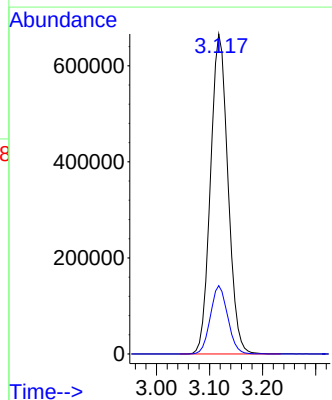
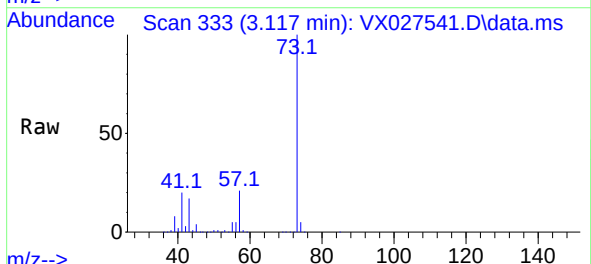


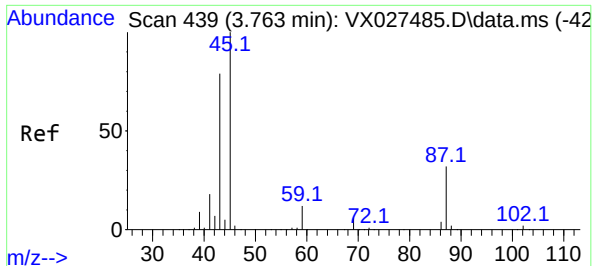
Tgt Ion: 76 Resp: 1936
Ion Ratio Lower Upper
76 100
78 12.8 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 151.750 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

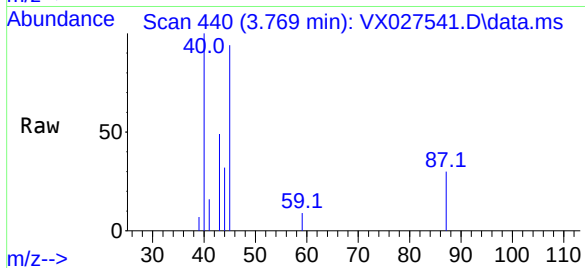
Tgt Ion: 73 Resp: 1523441
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2



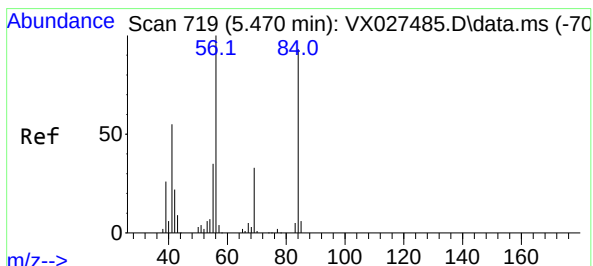
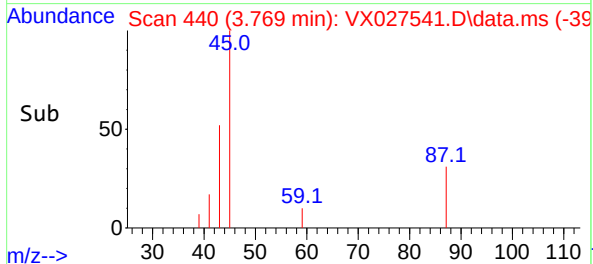
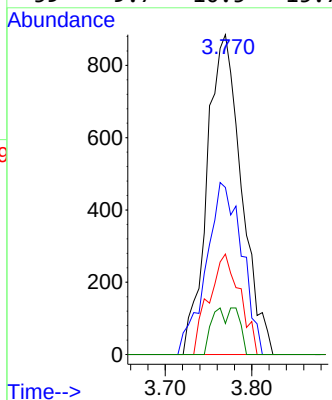


#22
Diisopropyl ether
Concen: 0.269 ug/l
RT: 3.769 min Scan# 44
Delta R.T. 0.006 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :

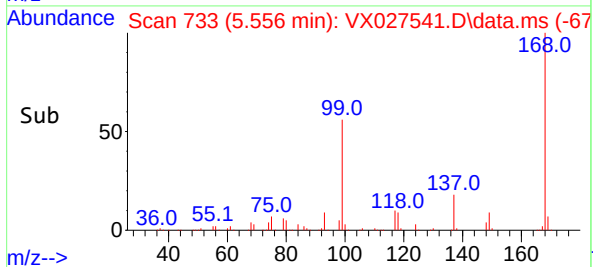
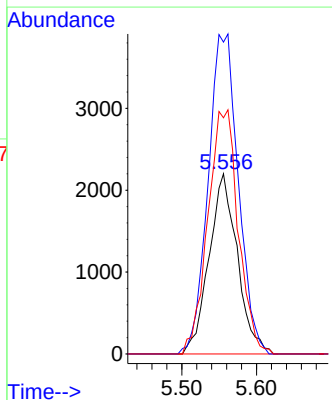
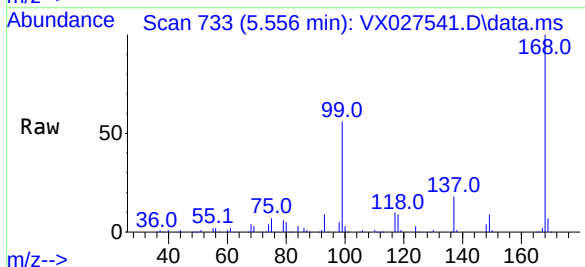


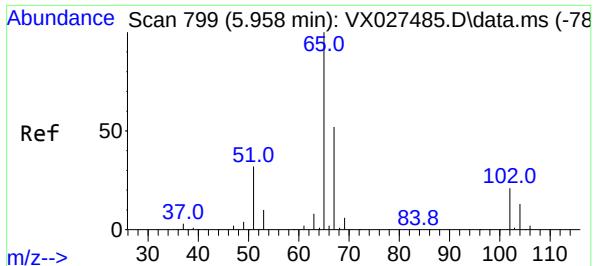
Tgt Ion: 45	Resp: 2445
Ion Ratio	Lower Upper
45 100	
43 52.2	50.8 76.2
87 31.4	26.6 39.8
59 9.7	10.5 15.7#



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Tgt Ion: 56	Resp: 5812		
Ion Ratio	Lower	Upper	
56	100		
69	173.1	26.7	40.1#
84	131.1	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.312 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027541.D

Acq: 18 Mar 2022 20:26

Instrument :

MSVOA_X

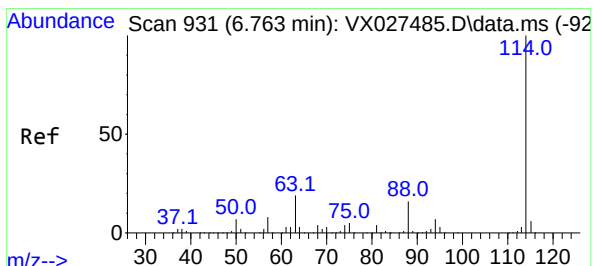
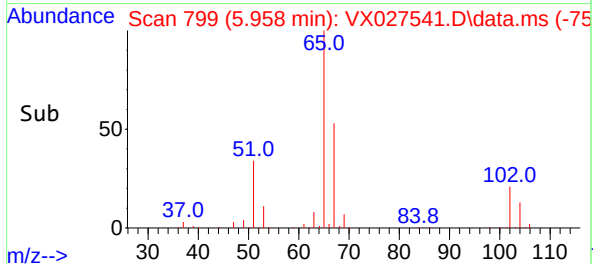
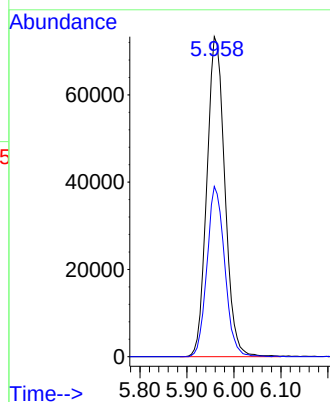
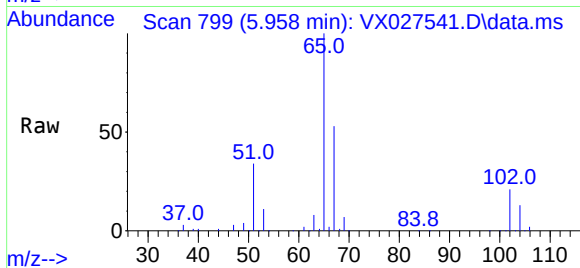
ClientSampleId :

Tgt Ion: 65 Resp: 194661

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027541.D

Acq: 18 Mar 2022 20:26

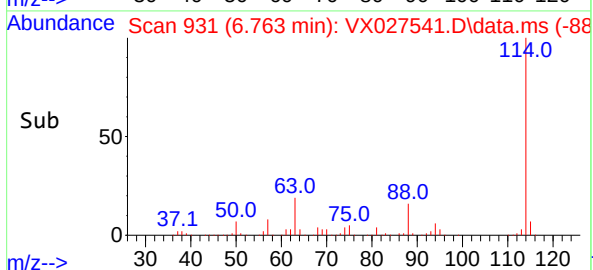
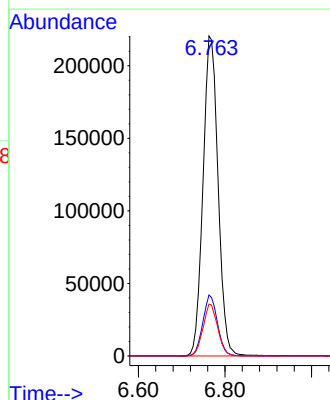
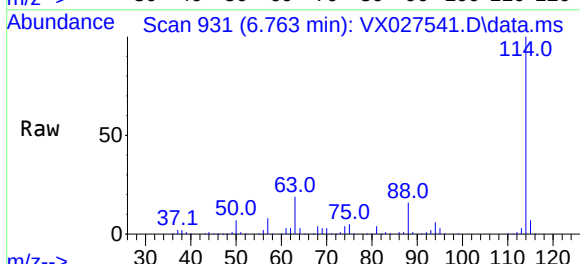
Tgt Ion: 114 Resp: 531809

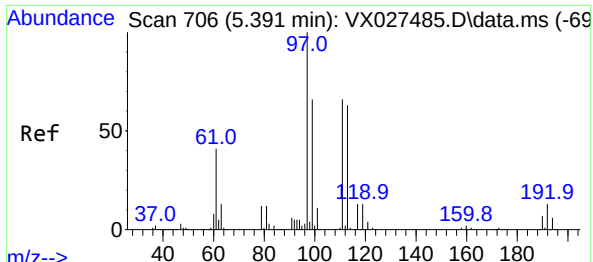
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.784 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027541.D

Acq: 18 Mar 2022 20:26

Instrument :

MSVOA_X

ClientSampleId :

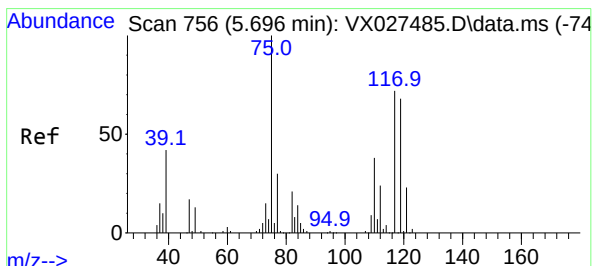
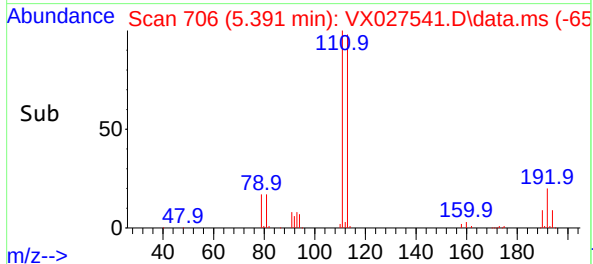
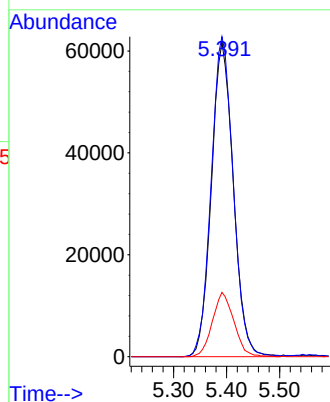
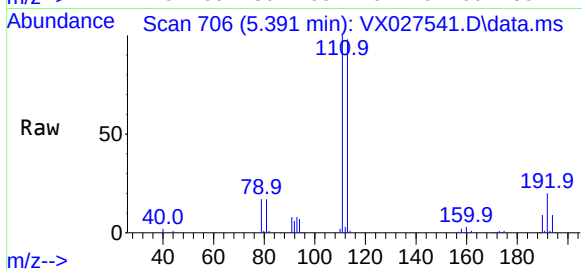
Tgt Ion:113 Resp: 177183

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 20.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.864 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027541.D

Acq: 18 Mar 2022 20:26

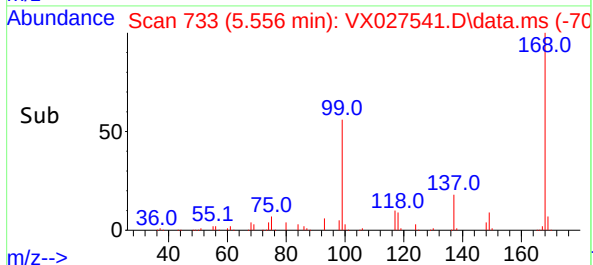
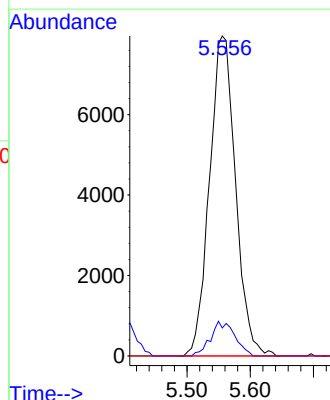
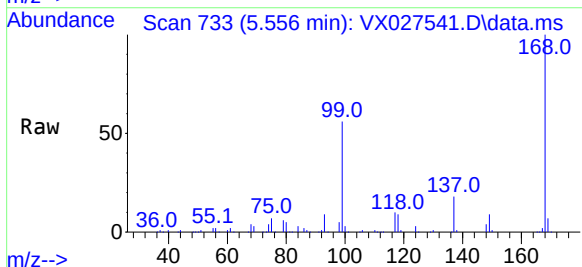
Tgt Ion: 75 Resp: 22744

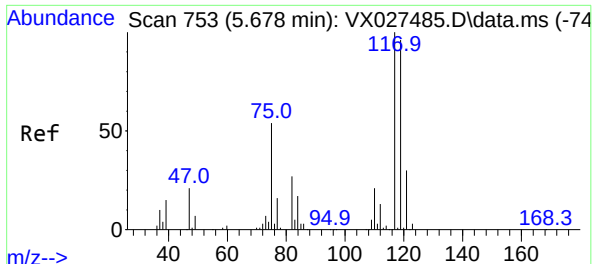
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

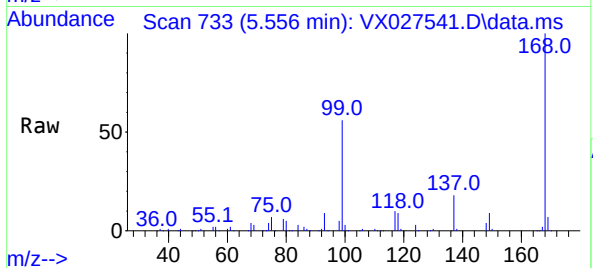
77 0.0 24.8 37.2#



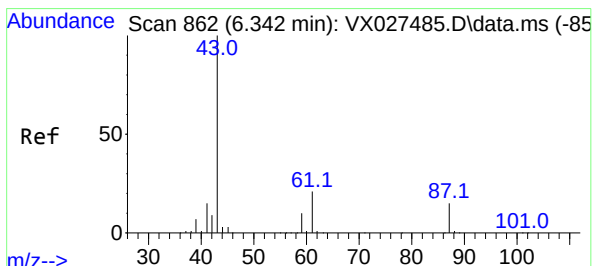
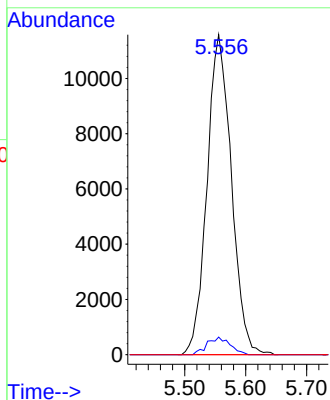
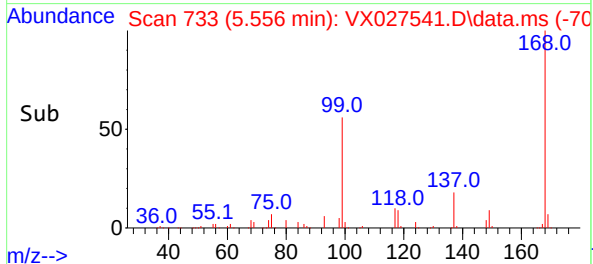


#38
Carbon Tetrachloride
Concen: 6.010 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Instrument :
MSVOA_X
ClientSampleId :

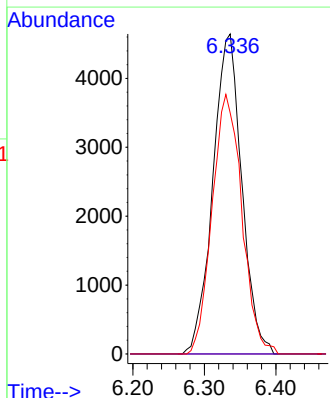
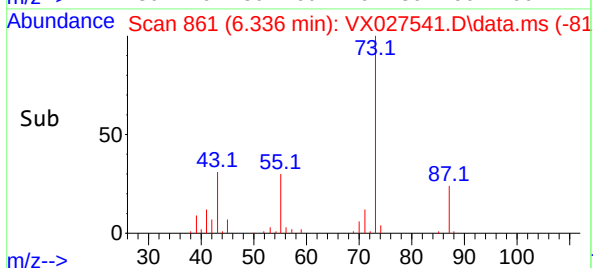
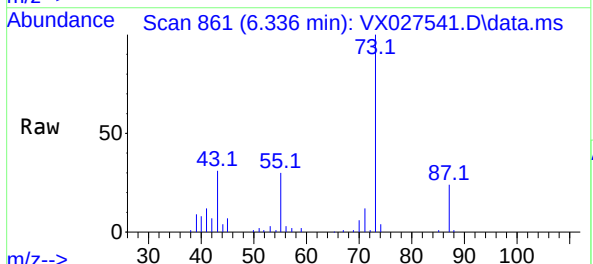


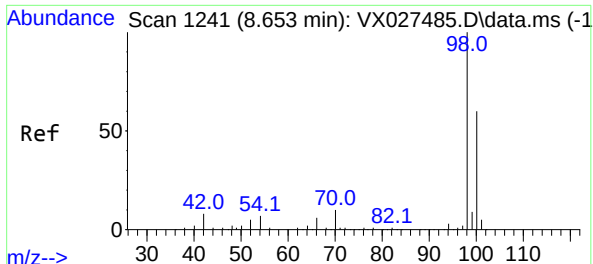
Tgt Ion:117 Resp: 32147
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 1.740 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Tgt Ion: 43 Resp: 13044
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 83.4 13.0 19.6#





#50

Toluene-d8

Concen: 47.931 ug/l

RT: 8.653 min Scan# 1162

Delta R.T. 0.000 min

Lab File: VX027541.D

Acq: 18 Mar 2022 20:26

Instrument :

MSVOA_X

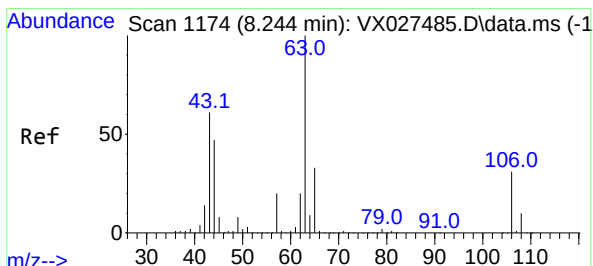
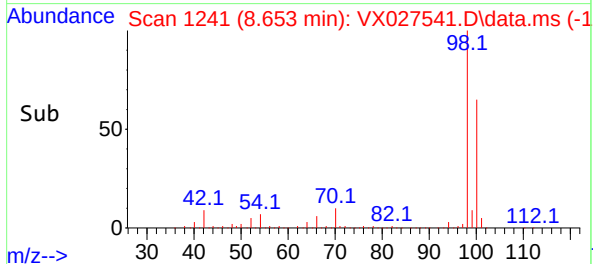
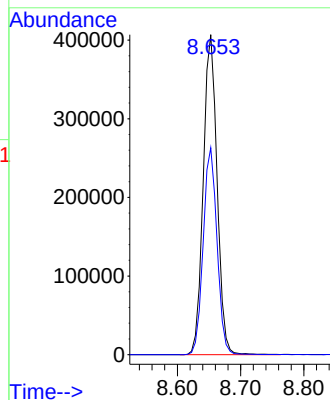
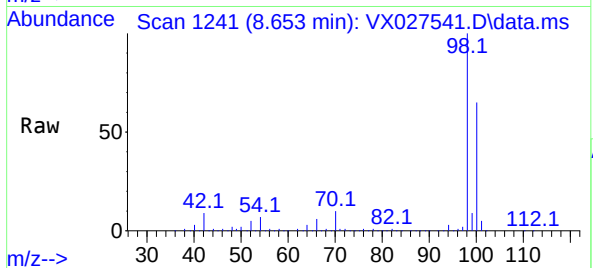
ClientSampleId :

Tgt Ion: 98 Resp: 620592

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.171 min Scan# 1162

Delta R.T. -0.073 min

Lab File: VX027541.D

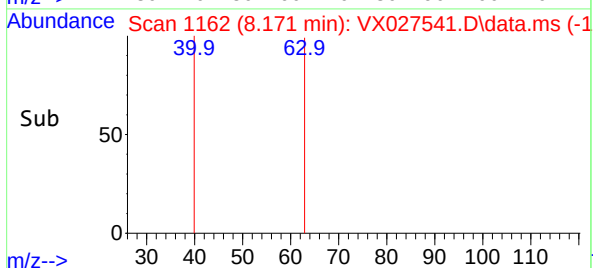
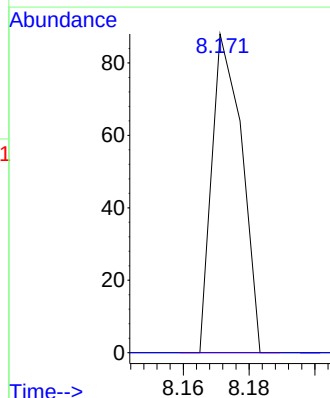
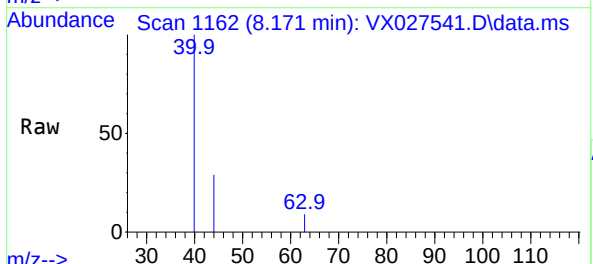
Acq: 18 Mar 2022 20:26

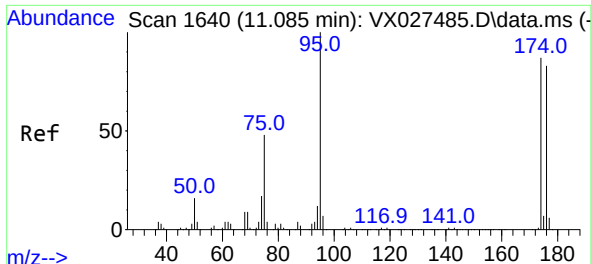
Tgt Ion: 63 Resp: 56

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

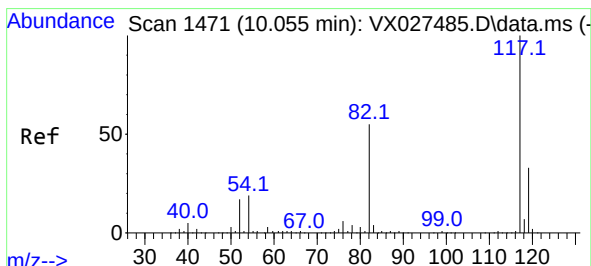
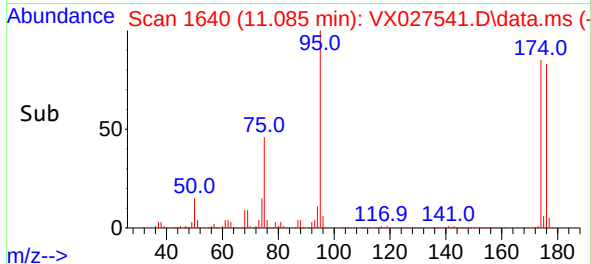
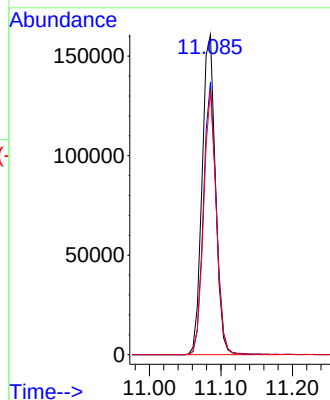
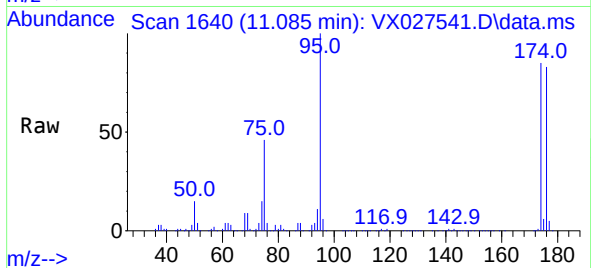




#62
4-Bromofluorobenzene
Concen: 43.760 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

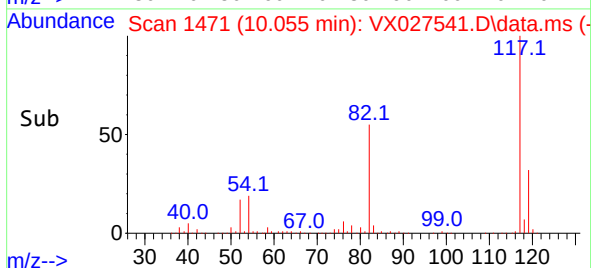
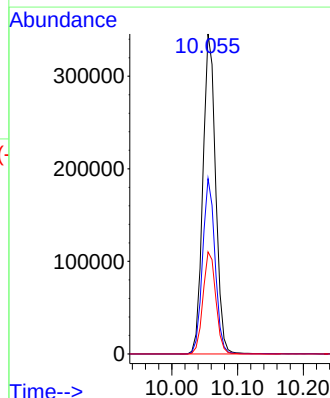
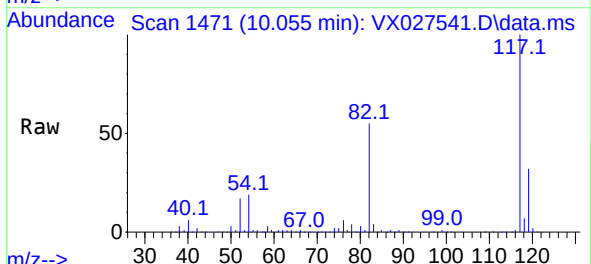
Instrument :
MSVOA_X
ClientSampleId :

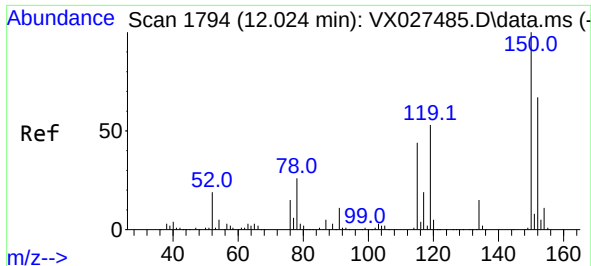
Tgt Ion: 95 Resp: 208250
Ion Ratio Lower Upper
95 100
174 81.9 0.0 163.0
176 78.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027541.D
Acq: 18 Mar 2022 20:26

Tgt Ion: 117 Resp: 465487
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 31.9 24.8 37.2

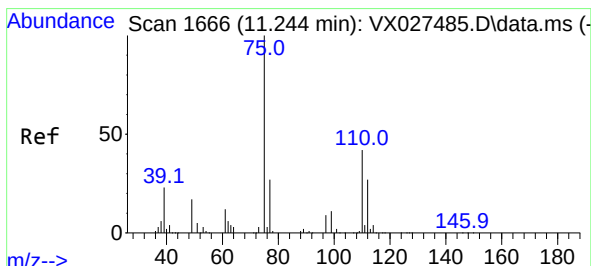
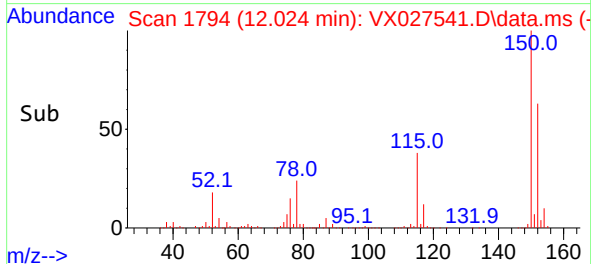
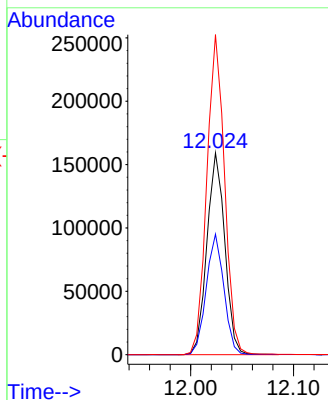
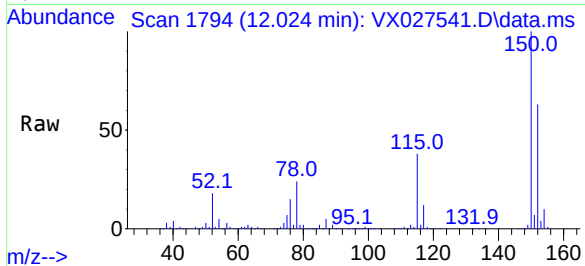




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027541.D
 Acq: 18 Mar 2022 20:26

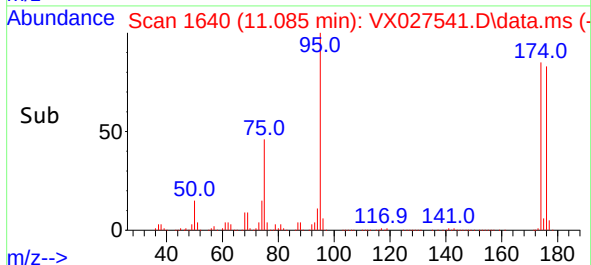
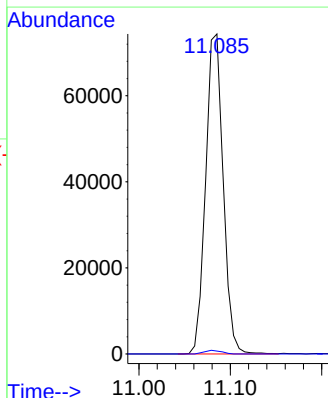
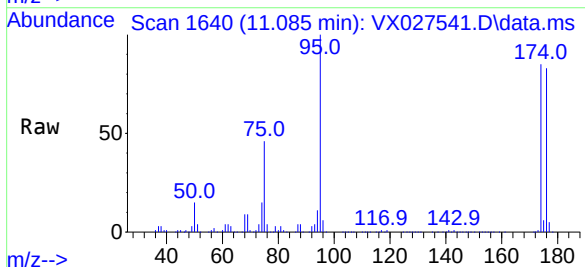
Instrument :
 MSVOA_X
 ClientSampleId :

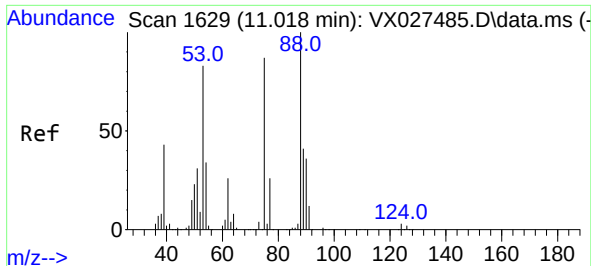
Tgt Ion:152 Resp: 192512
 Ion Ratio Lower Upper
 152 100
 115 59.4 37.5 112.7
 150 157.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.549 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX027541.D
 Acq: 18 Mar 2022 20:26

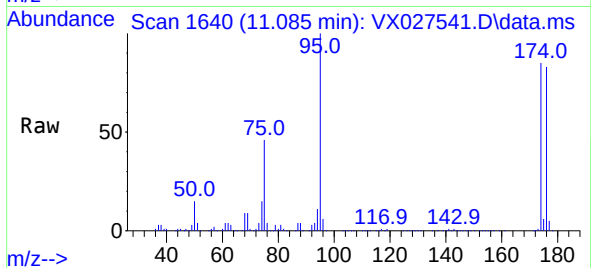
Tgt Ion: 75 Resp: 98851
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.556 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027541.D
 Acq: 18 Mar 2022 20:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 98851
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.3 37.0 55.6#

