

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027549.D
 Acq On : 19 Mar 2022 00:22
 Operator : JC/MD
 Sample : N1998-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:26:29 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)

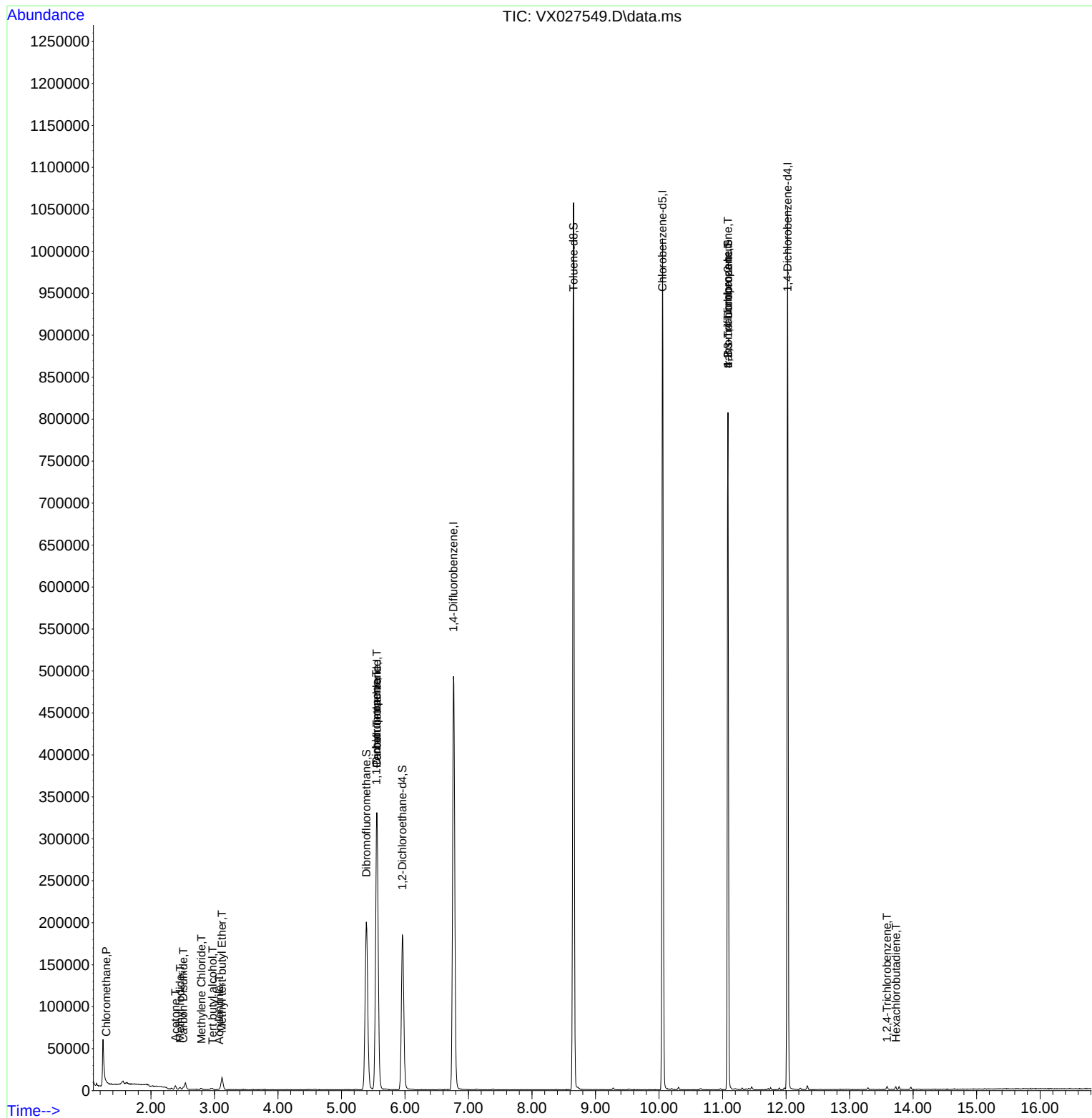
Internal Standards						
1) Pentafluorobenzene	5.556	168	342187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	556084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	500222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175901	41.728	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.460%
35) Dibromofluoromethane	5.391	113	179236	50.098	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.200%
50) Toluene-d8	8.653	98	645733	47.696	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.085	95	222624	44.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.480%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	847	0.290	ug/l #	79
5) Bromomethane	1.611	94	1075	Below Cal		93
10) Methyl Iodide	2.459	142	2884	0.658	ug/l #	96
11) Tert butyl alcohol	2.971	59	1615	2.010	ug/l #	72
15) Acrylonitrile	3.075	53	537	0.294	ug/l #	73
16) Acetone	2.386	43	4659	2.712	ug/l	93
17) Carbon Disulfide	2.508	76	3132	0.387	ug/l #	91
19) Methyl tert-butyl Ether	3.117	73	15796	1.473	ug/l	100
20) Methylene Chloride	2.794	84	831	0.225	ug/l #	89
36) 1,1-Dichloropropene	5.550	75	21260	4.348	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31754	5.677	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.257	63	20	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.085	75	99041	20.698	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	99041	62.860	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	1036	0.213	ug/l	94
94) Hexachlorobutadiene	13.731	225	593	0.276	ug/l	100

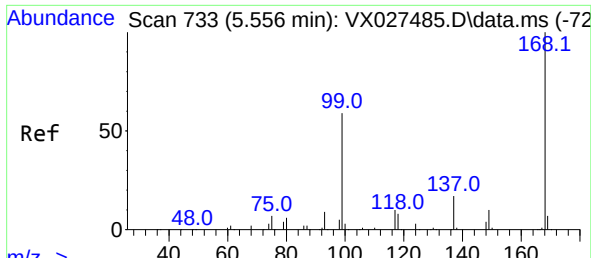
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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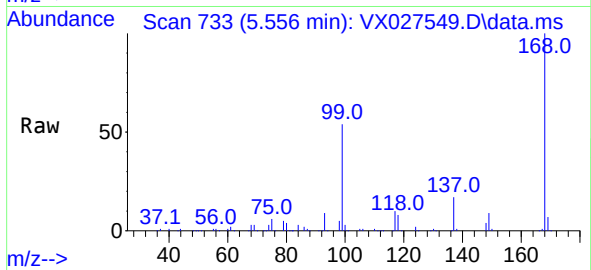
Quant Time: Mar 19 03:26:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
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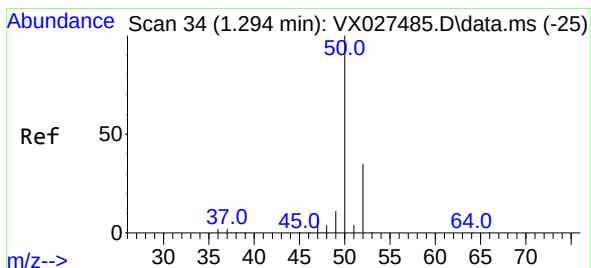
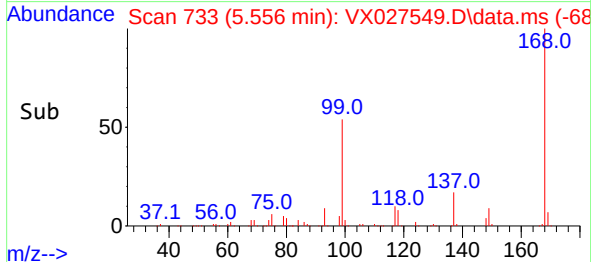
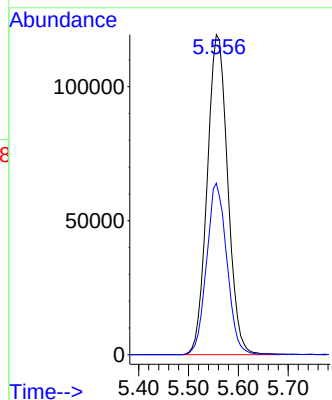


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Instrument :
MSVOA_X
ClientSampleId :

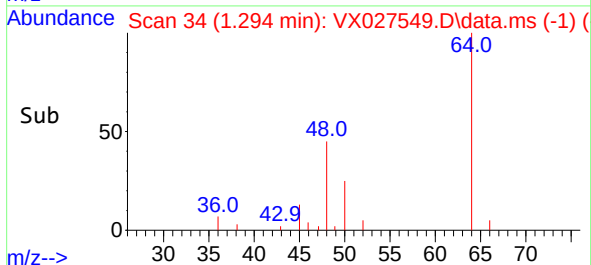
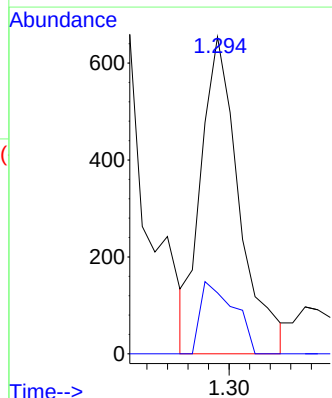
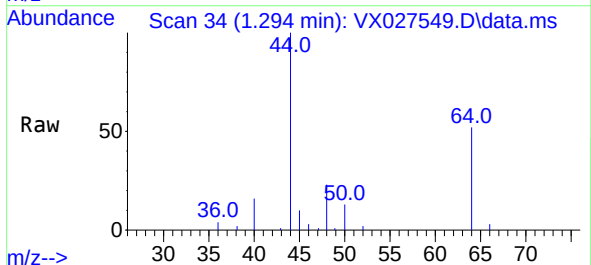


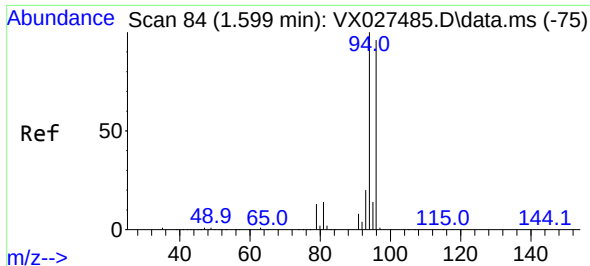
Tgt Ion:168 Resp: 342187
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#3
Chloromethane
Concen: 0.290 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion: 50 Resp: 847
Ion Ratio Lower Upper
50 100
52 21.4 26.4 39.6#

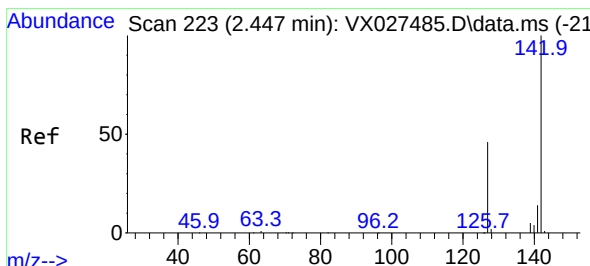
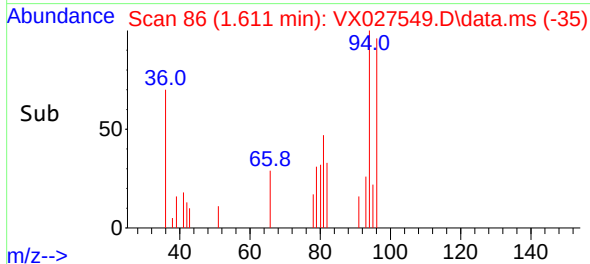
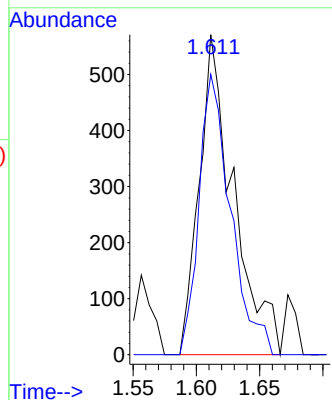
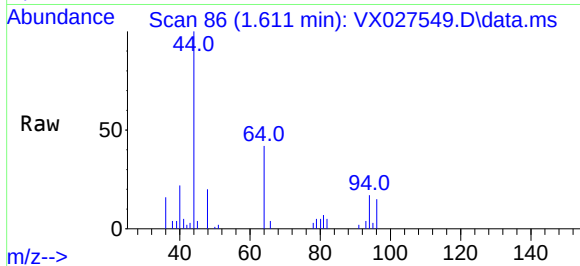




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

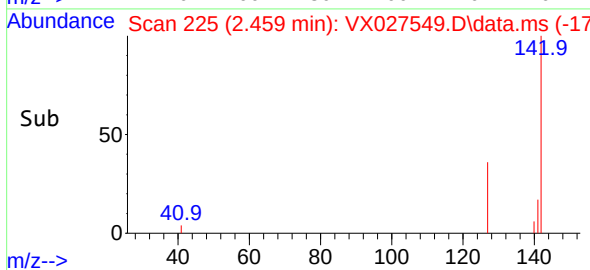
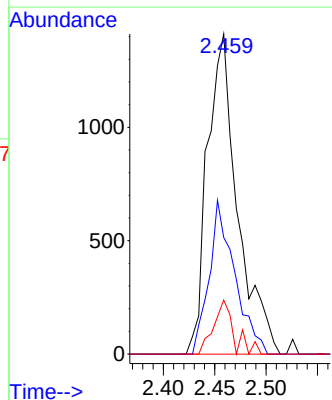
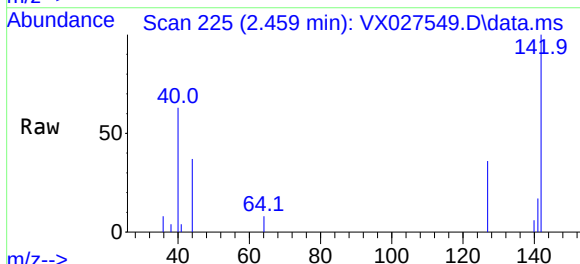
Instrument :
MSVOA_X
ClientSampleId :

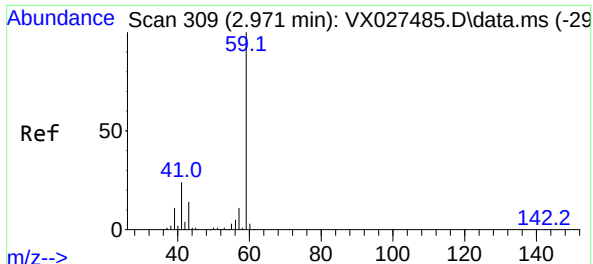
Tgt Ion: 94 Resp: 1075
Ion Ratio Lower Upper
94 100
96 87.6 75.3 112.9



#10
Methyl Iodide
Concen: 0.658 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.012 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion: 142 Resp: 2884
Ion Ratio Lower Upper
142 100
127 40.7 33.9 50.9
141 11.3 11.4 17.2#

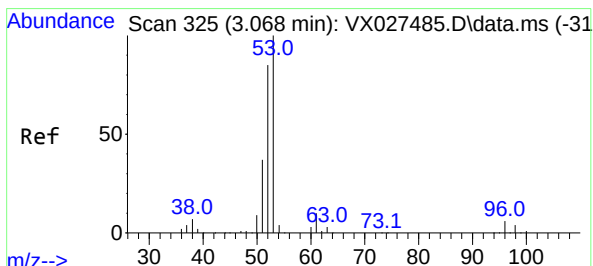
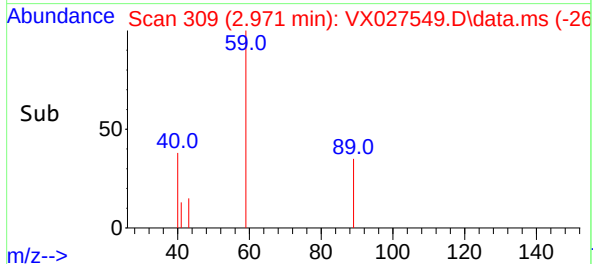
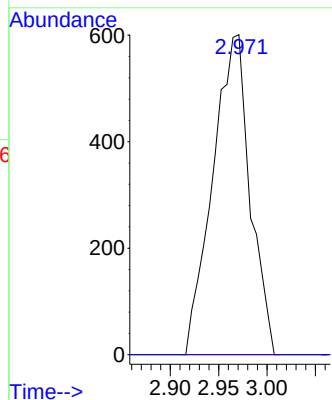
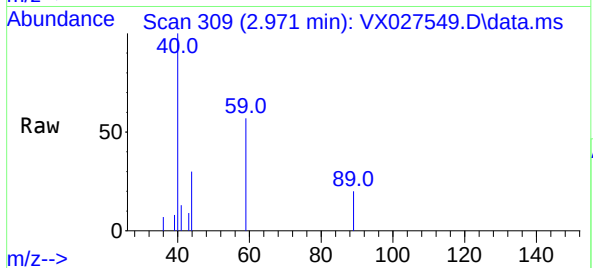




#11
Tert butyl alcohol
Concen: 2.010 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

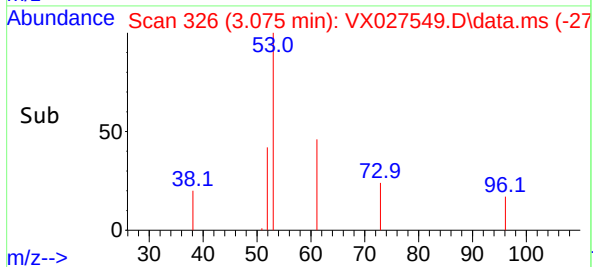
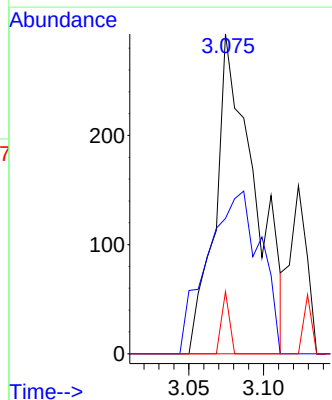
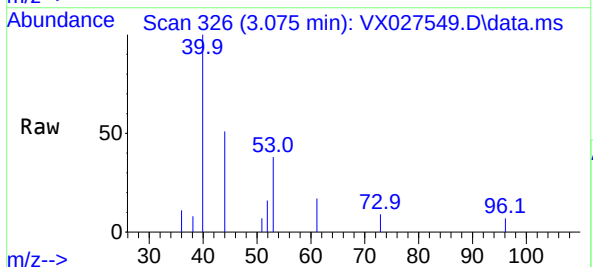
Instrument :
MSVOA_X
ClientSampleId :

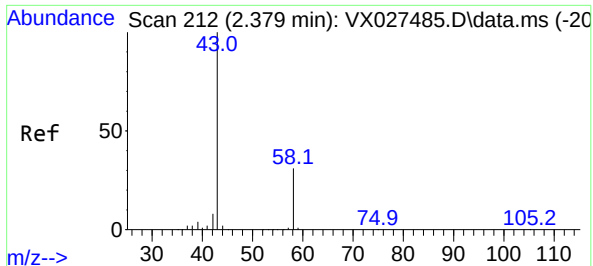
Tgt Ion: 59 Resp: 1615
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#15
Acrylonitrile
Concen: 0.294 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion: 53 Resp: 537
Ion Ratio Lower Upper
53 100
52 68.3 65.7 98.5
51 3.9 28.4 42.6#

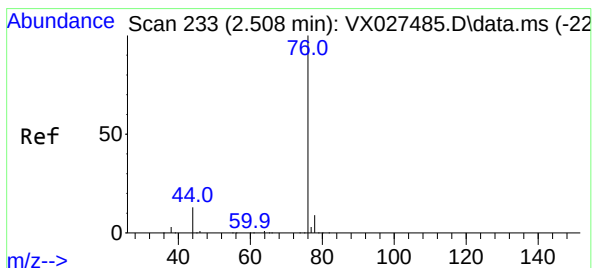
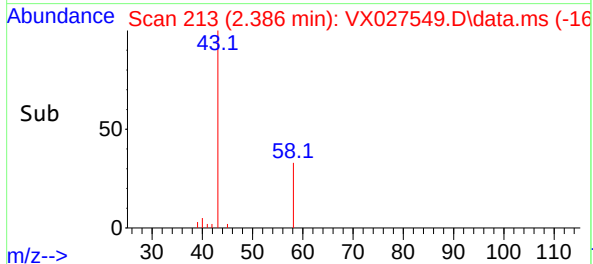
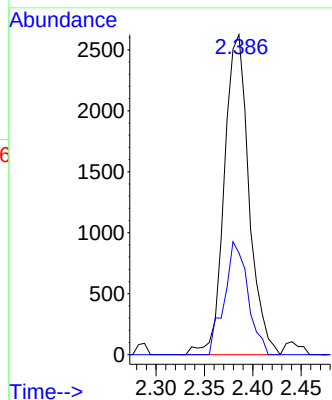
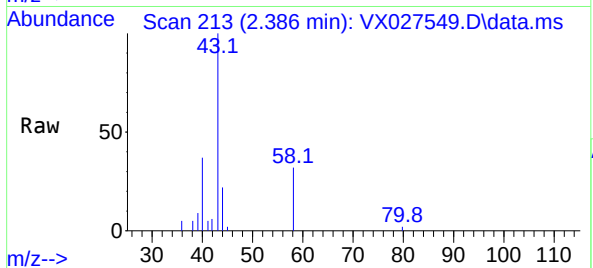




#16
Acetone
Concen: 2.712 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

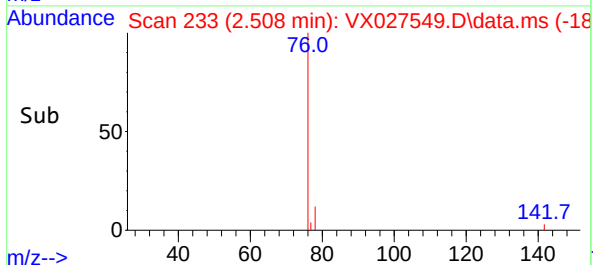
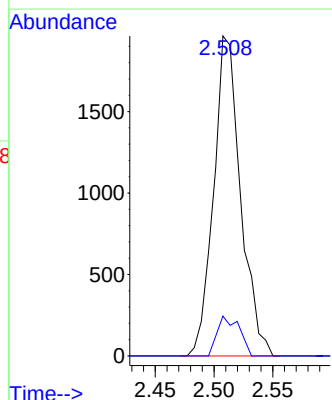
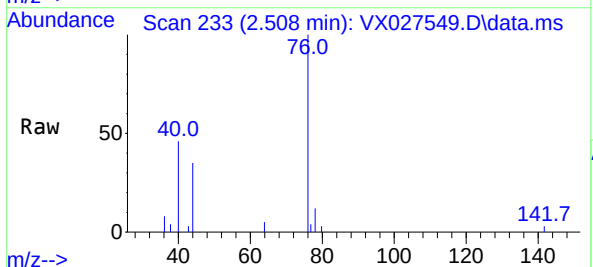
Instrument :
MSVOA_X
ClientSampleId :

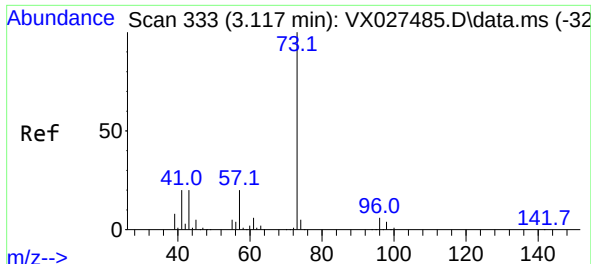
Tgt Ion: 43 Resp: 4659
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2



#17
Carbon Disulfide
Concen: 0.387 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion: 76 Resp: 3132
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#

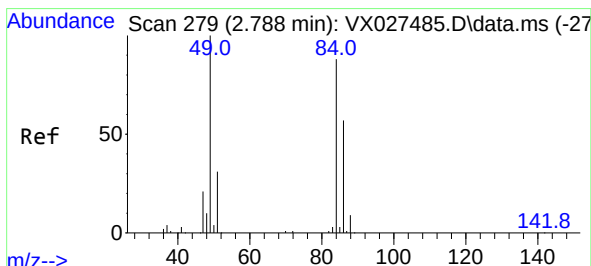
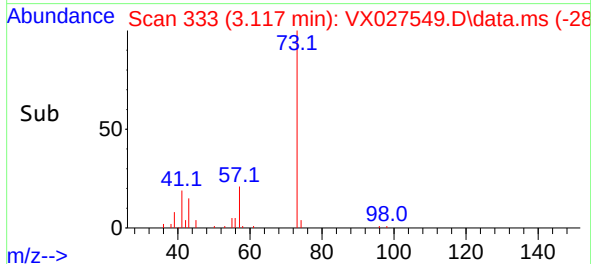
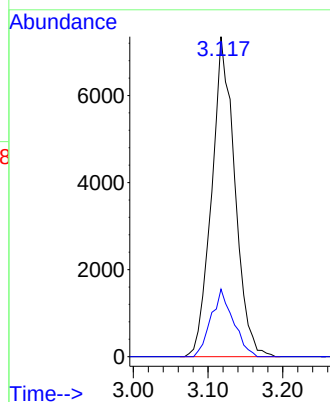
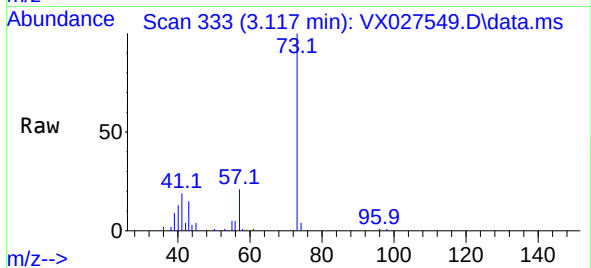




#19
Methyl tert-butyl Ether
Concen: 1.473 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

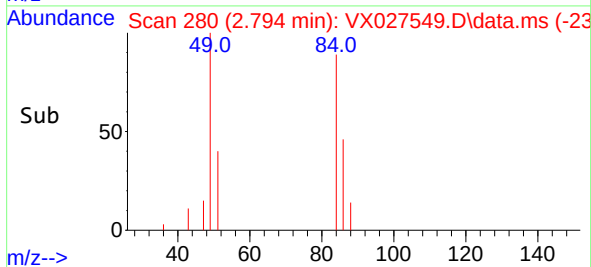
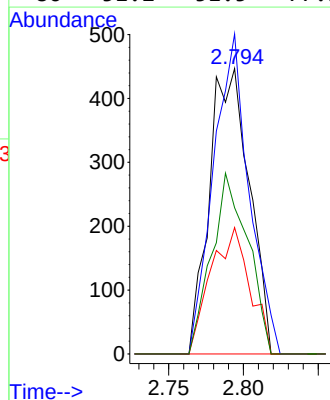
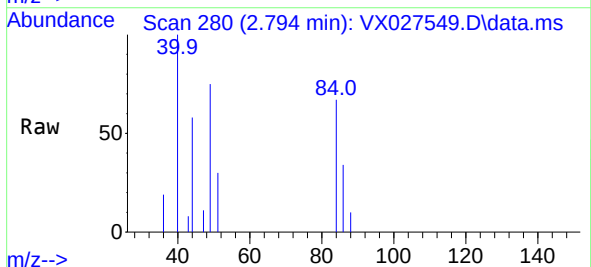
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MSVOA_X
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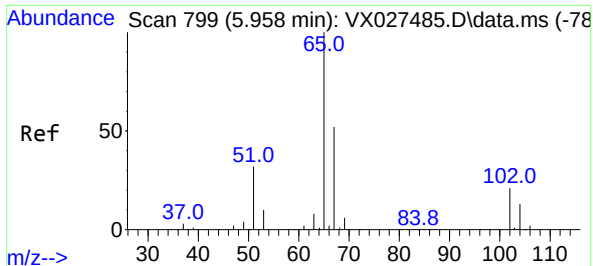
Tgt Ion: 73 Resp: 15796
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2



#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion: 84 Resp: 831
Ion Ratio Lower Upper
84 100
49 112.1 85.5 128.3
51 44.3 26.6 39.8#
86 51.2 51.5 77.3#





#33

1,2-Dichloroethane-d4

Concen: 41.728 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027549.D

Acq: 19 Mar 2022 00:22

Instrument :

MSVOA_X

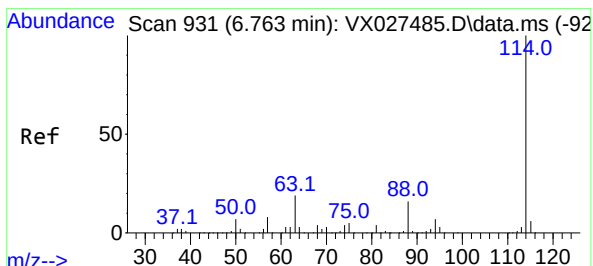
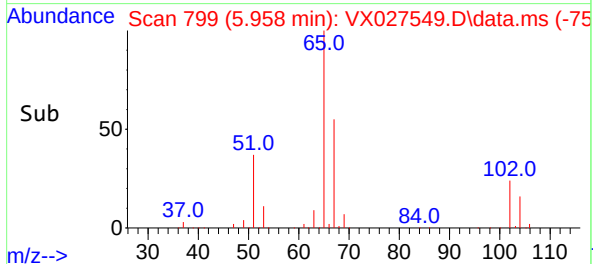
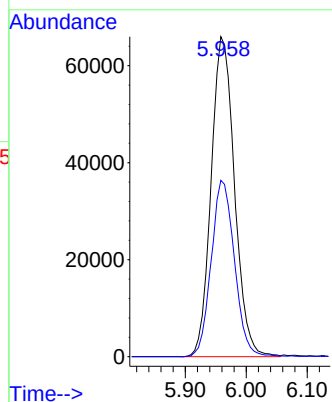
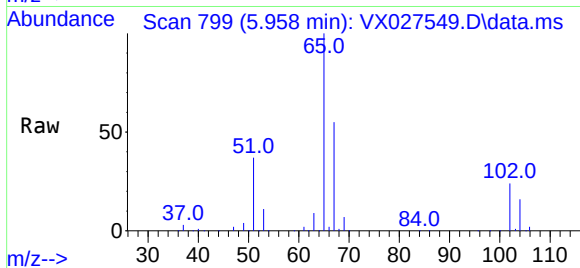
ClientSampleId :

Tgt Ion: 65 Resp: 175901

Ion Ratio Lower Upper

65 100

67 54.8 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: VX027549.D

Acq: 19 Mar 2022 00:22

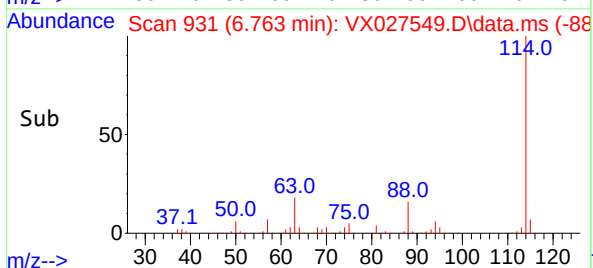
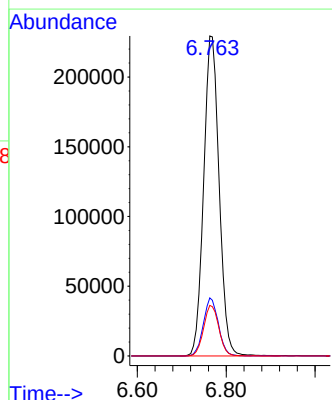
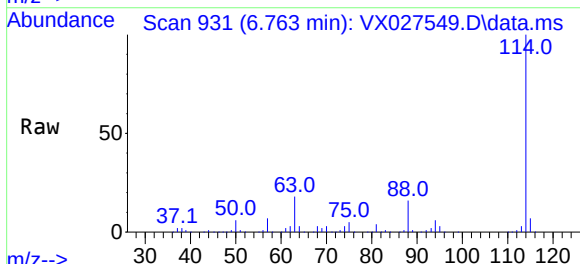
Tgt Ion: 114 Resp: 556084

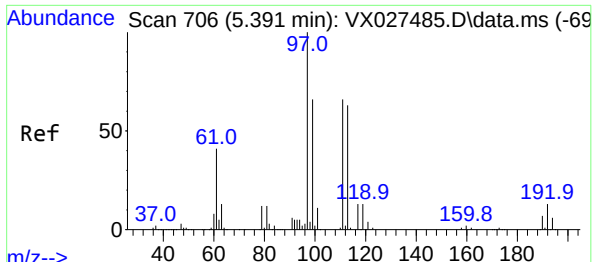
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.098 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

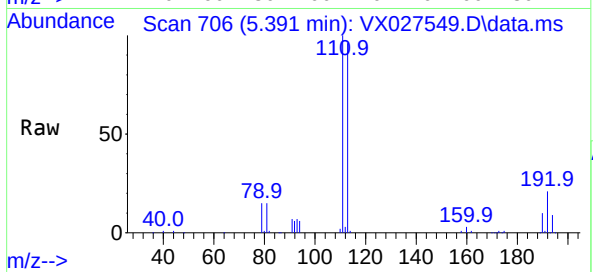
Lab File: VX027549.D

Acq: 19 Mar 2022 00:22

Instrument :

MSVOA_X

ClientSampleId :



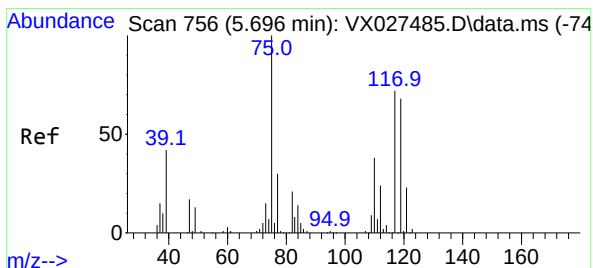
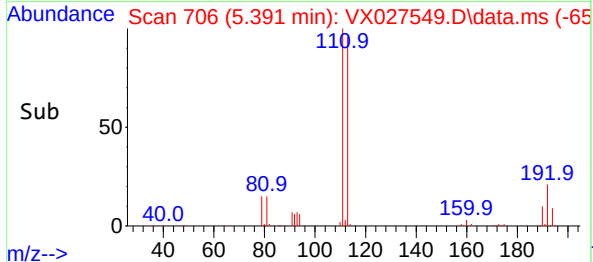
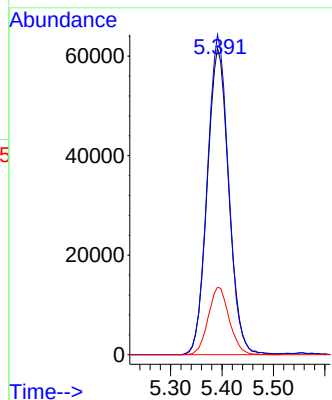
Tgt Ion:113 Resp: 179236

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 21.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.348 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX027549.D

Acq: 19 Mar 2022 00:22

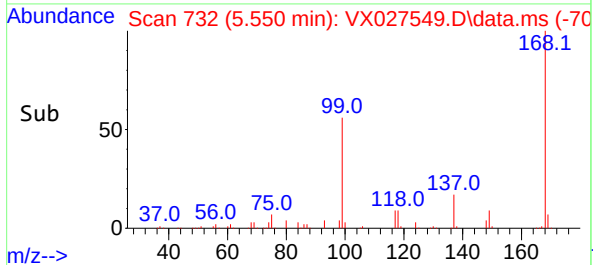
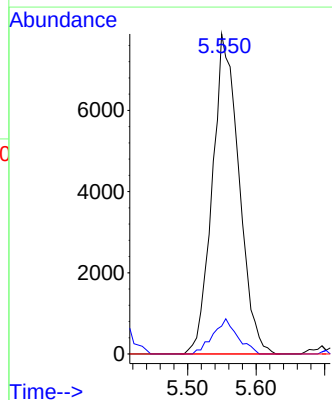
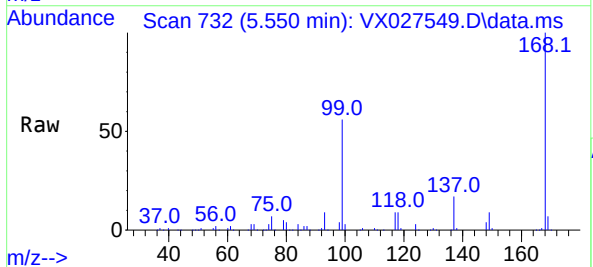
Tgt Ion: 75 Resp: 21260

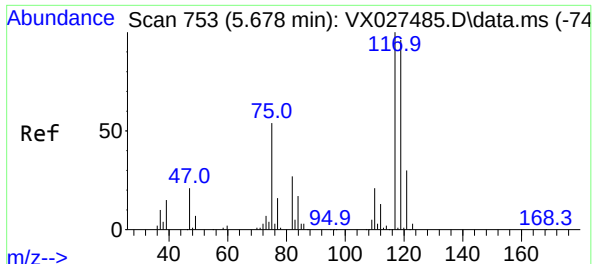
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

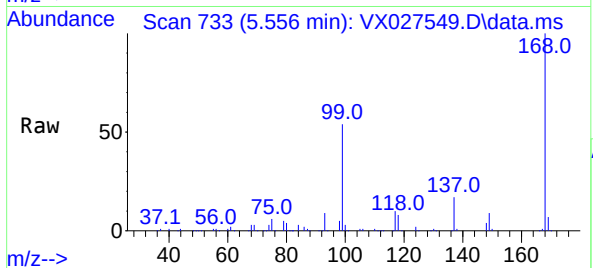
77 0.0 24.8 37.2#



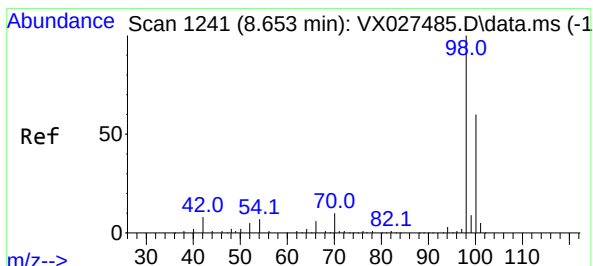
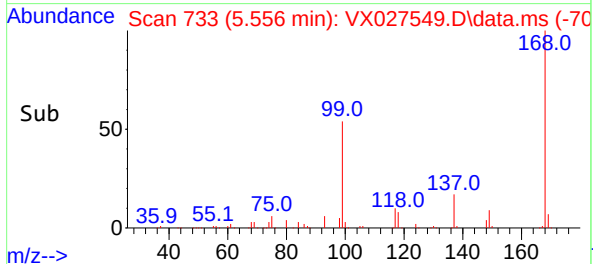
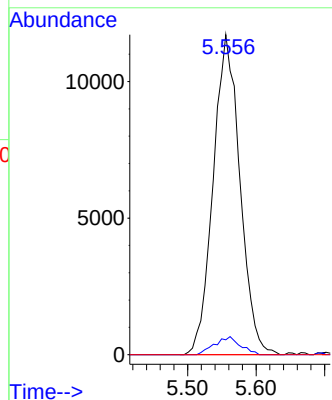


#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Instrument :
MSVOA_X
ClientSampleId :

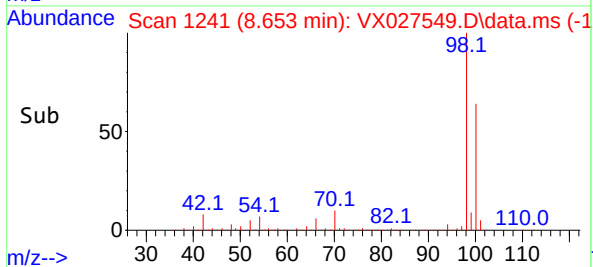
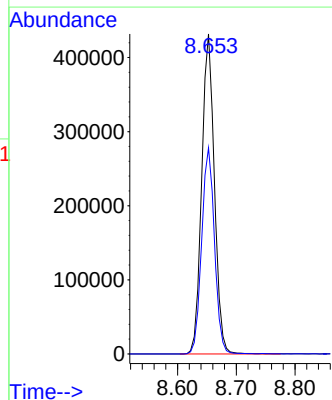
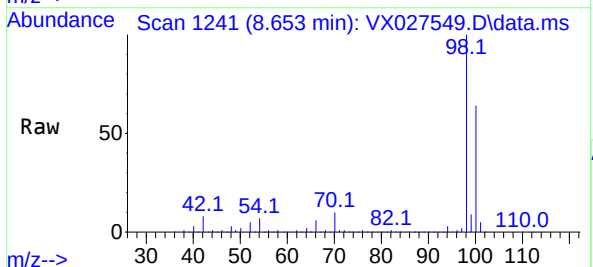


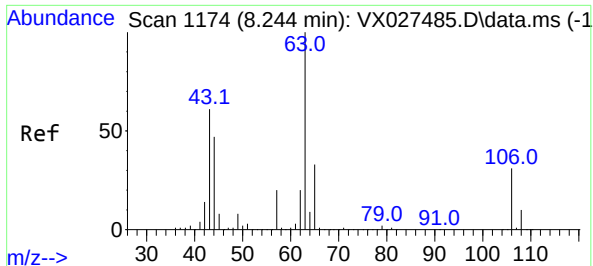
Tgt Ion:117 Resp: 31754
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.696 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion: 98 Resp: 645733
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

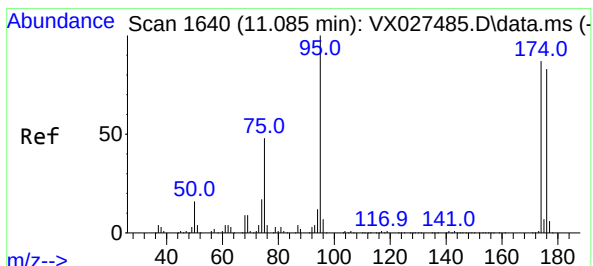
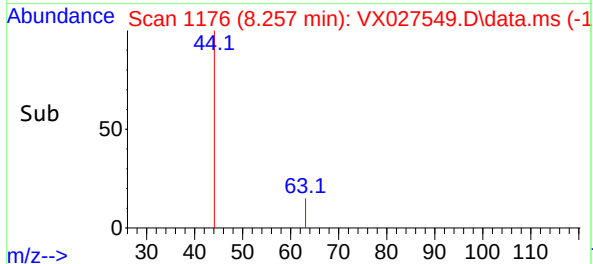
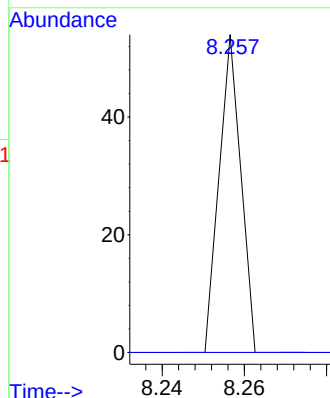
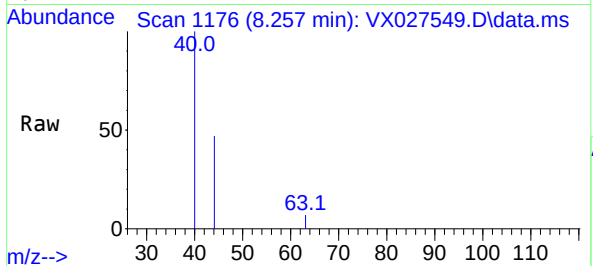




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

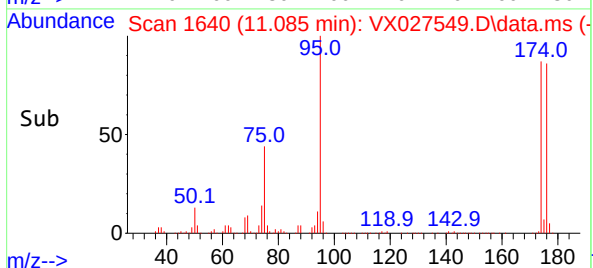
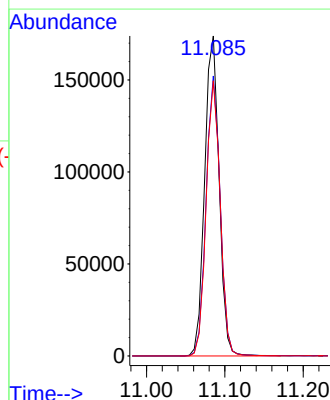
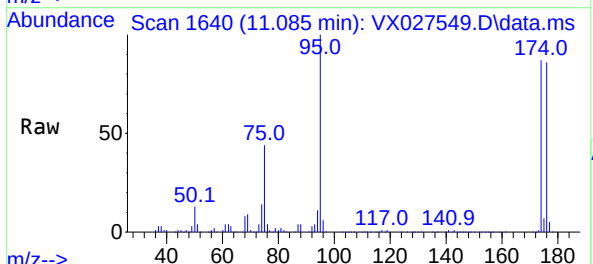
Instrument :
MSVOA_X
ClientSampleId :

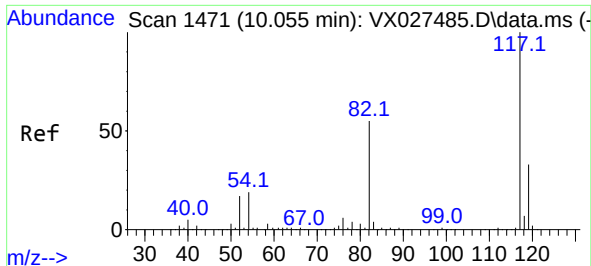
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 44.738 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion: 95 Resp: 222624
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 83.8 0.0 155.0

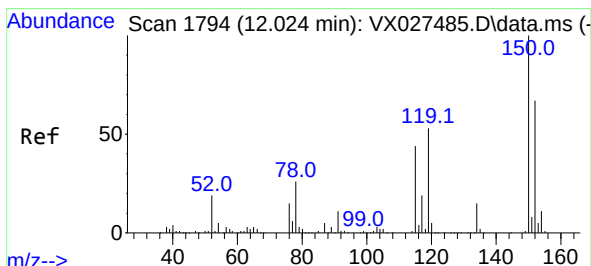
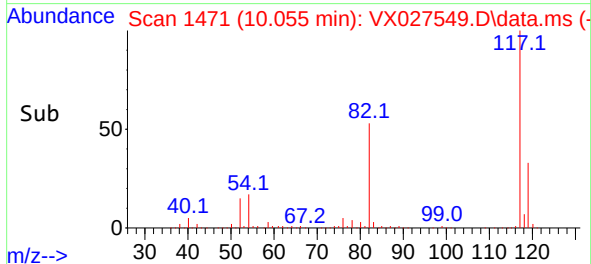
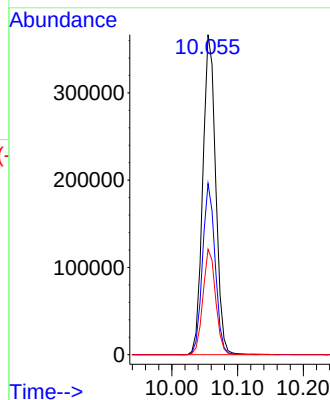
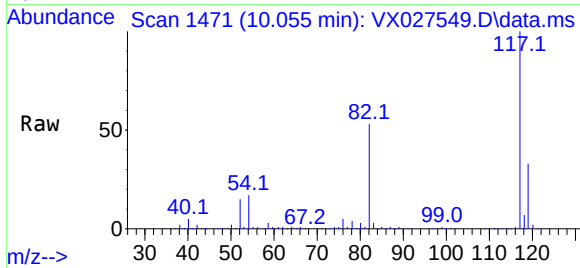




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

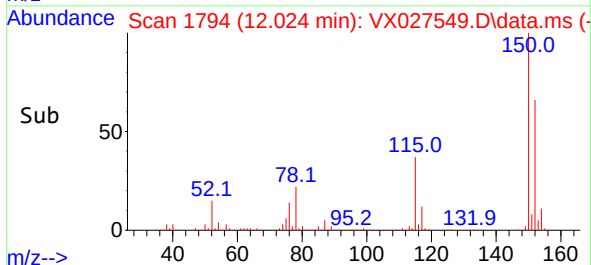
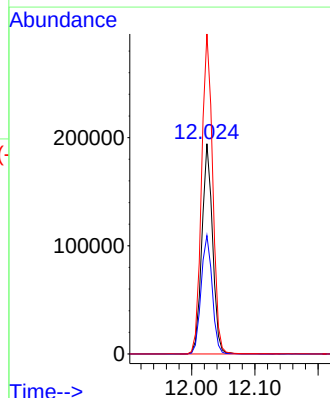
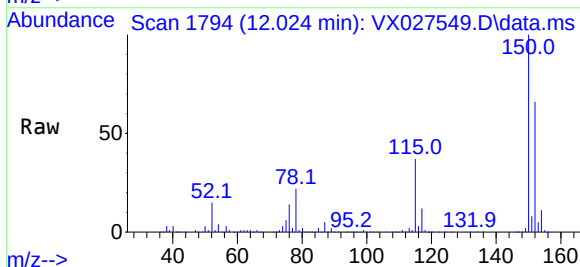
Instrument :
MSVOA_X
ClientSampleId :

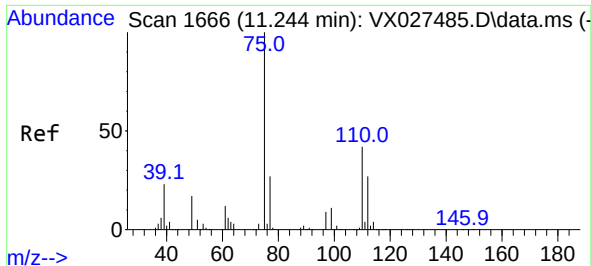
Tgt Ion:117 Resp: 500222
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 33.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion:152 Resp: 228769
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 157.9 0.0 338.2

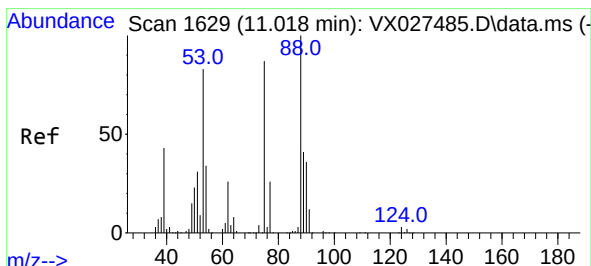
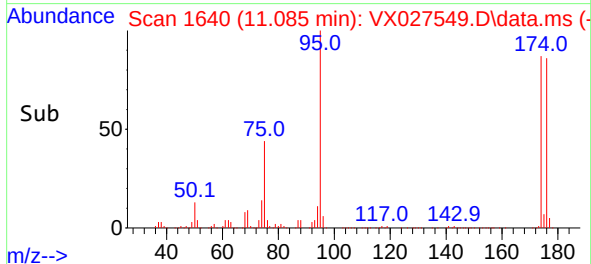
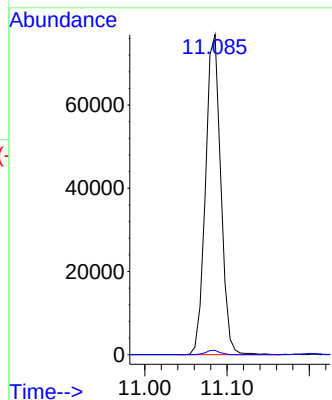
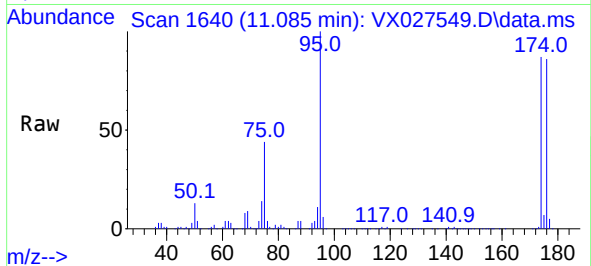




#76
1,2,3-Trichloropropane
Concen: 20.698 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

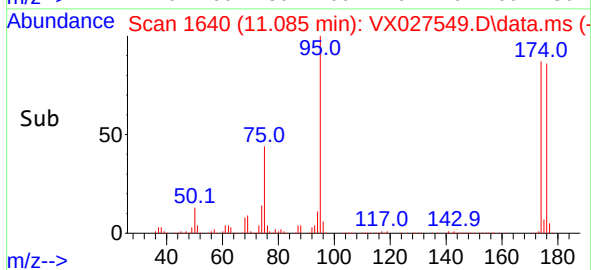
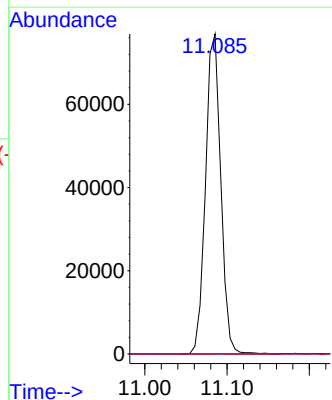
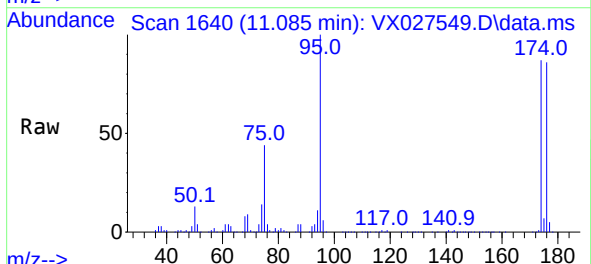
Instrument :
MSVOA_X
ClientSampleId :

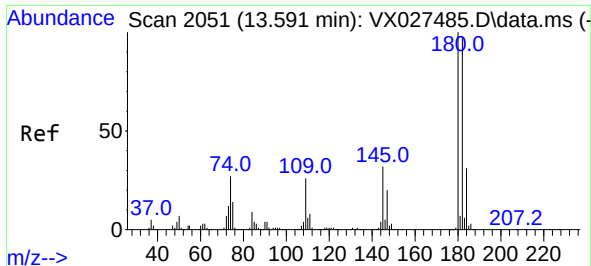
Tgt Ion: 75 Resp: 99041
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.860 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

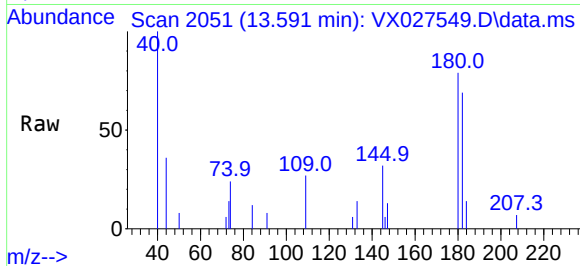
Tgt Ion: 75 Resp: 99041
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



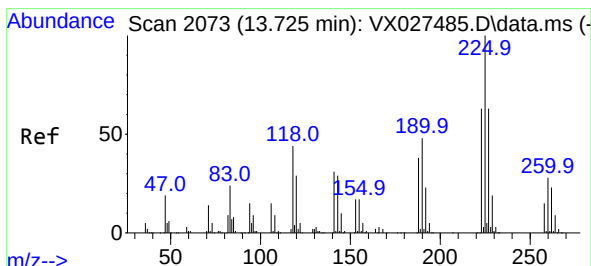
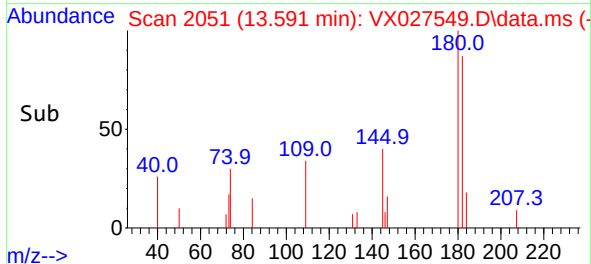
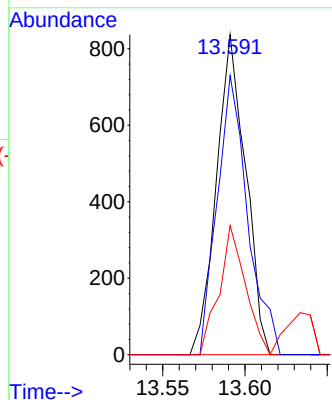


#93
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 1036
Ion Ratio Lower Upper
180 100
182 90.6 47.7 143.1
145 36.4 15.2 45.5



#94
Hexachlorobutadiene
Concen: 0.276 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX027549.D
Acq: 19 Mar 2022 00:22

Tgt Ion:225 Resp: 593
Ion Ratio Lower Upper
225 100
223 68.3 34.2 102.5
227 68.3 33.9 101.7

