

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027536.D
 Acq On : 18 Mar 2022 18:28
 Operator : JC/MD
 Sample : N1998-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:09:16 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)

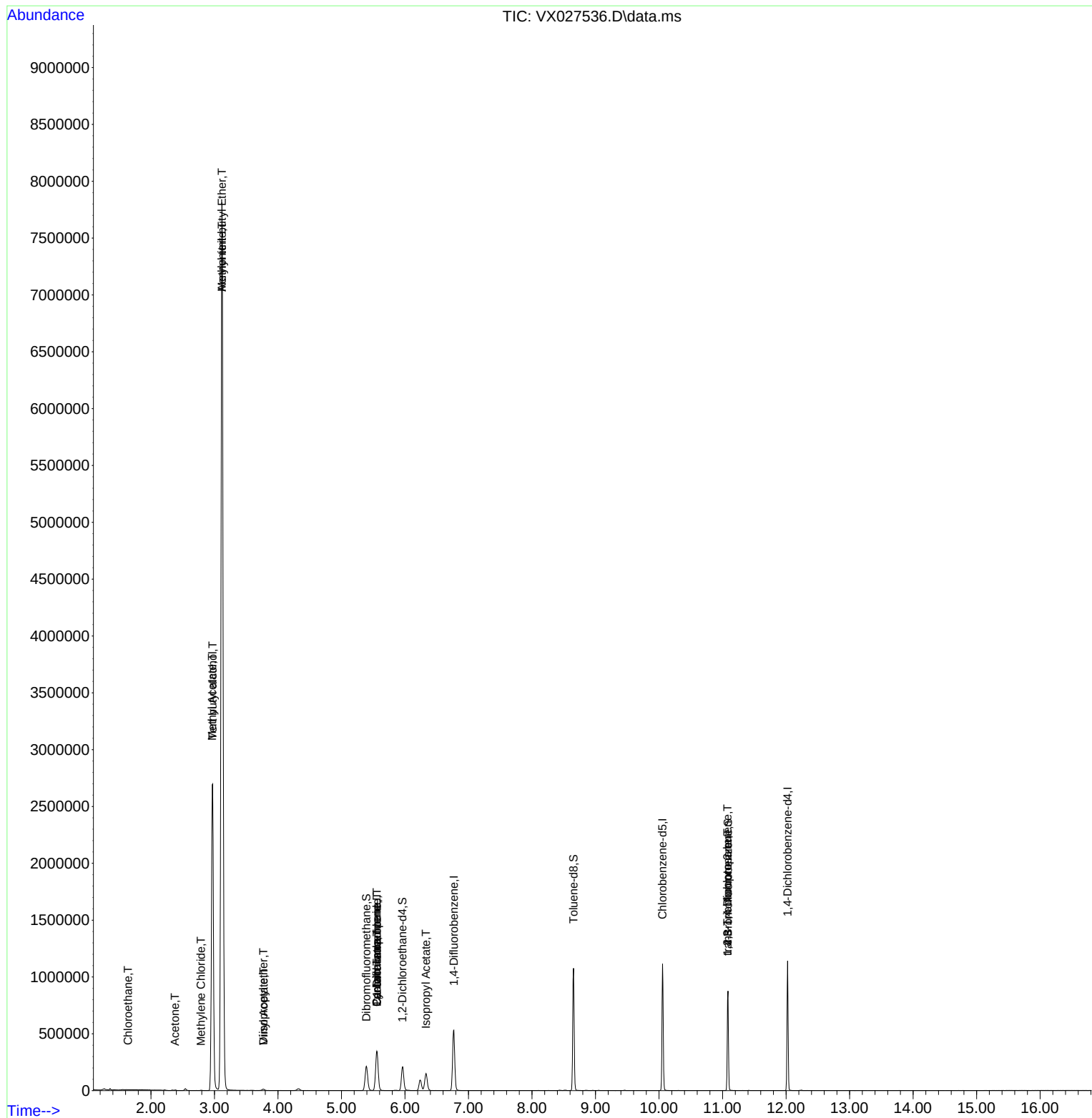
Internal Standards						
1) Pentafluorobenzene	5.556	168	338957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	573906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	515819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206229	49.389	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.780%
35) Dibromofluoromethane	5.391	113	188702	51.105	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.220%
50) Toluene-d8	8.653	98	663079	47.456	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.920%
62) 4-Bromofluorobenzene	11.085	95	239257	46.587	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.180%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	600	Below Cal		89
6) Chloroethane	1.636	64	7955	3.885	ug/l #	48
11) Tert butyl alcohol	2.971	59	3200727	4022.070	ug/l	100
15) Acrylonitrile	3.117	53	92951	51.377	ug/l #	29
16) Acetone	2.380	43	4958	2.913	ug/l	92
18) Methyl Acetate	2.965	43	381582	93.546	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	8875652	835.804	ug/l	96
20) Methylene Chloride	2.788	84	981	0.268	ug/l #	82
22) Diisopropyl ether	3.770	45	11808	1.228	ug/l #	87
23) Vinyl Acetate	3.776	43	6213	0.743	ug/l #	66
31) Cyclohexane	5.556	56	5873	1.133	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	23818	4.720	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33402	5.786	ug/l #	16
43) Isopropyl Acetate	6.330	43	48673	6.015	ug/l #	8
76) 1,2,3-Trichloropropane	11.079	75	115402	23.431	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	115402	71.162	ug/l #	15

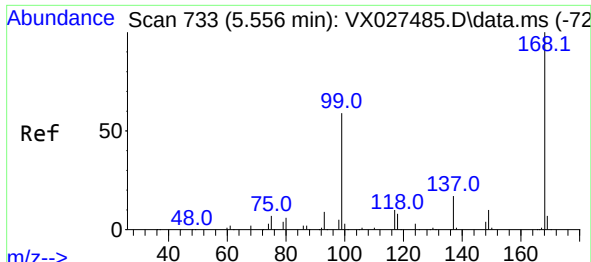
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX027536.D

Acq: 18 Mar 2022 18:28

Instrument :

MSVOA_X

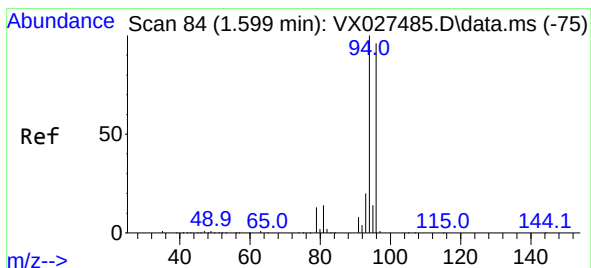
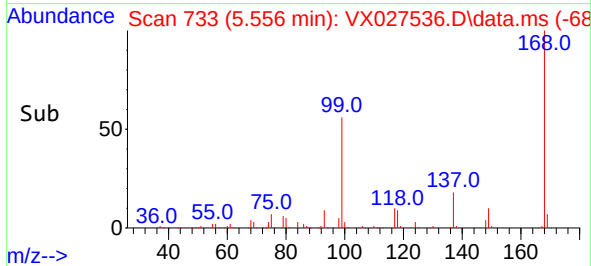
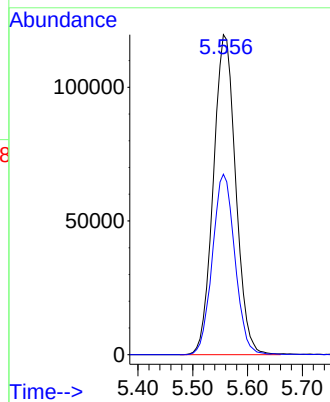
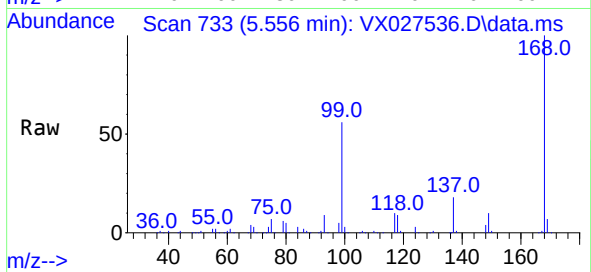
ClientSampleId :

Tgt Ion:168 Resp: 338957

Ion Ratio Lower Upper

168 100

99 56.4 41.7 62.5



#5

Bromomethane

Concen: Below Cal

RT: 1.611 min Scan# 86

Delta R.T. 0.012 min

Lab File: VX027536.D

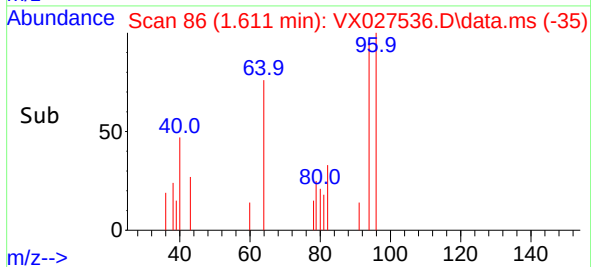
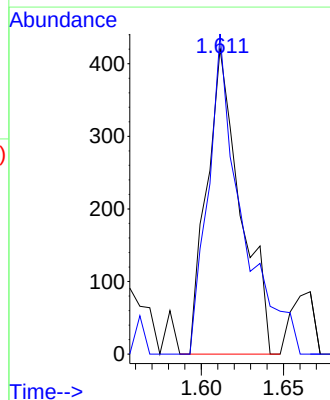
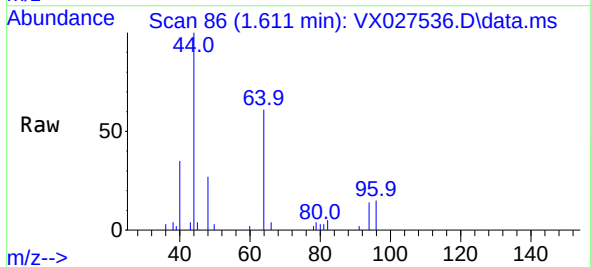
Acq: 18 Mar 2022 18:28

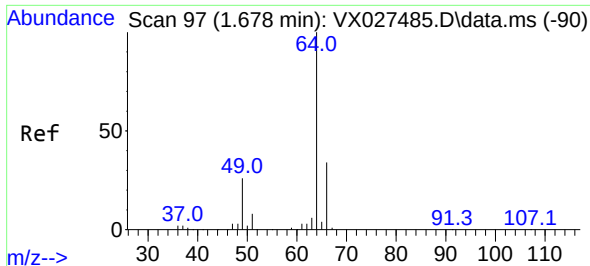
Tgt Ion: 94 Resp: 600

Ion Ratio Lower Upper

94 100

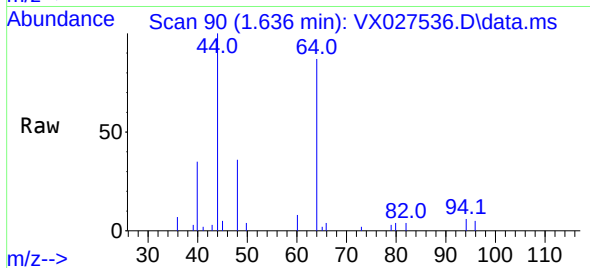
96 104.8 75.3 112.9



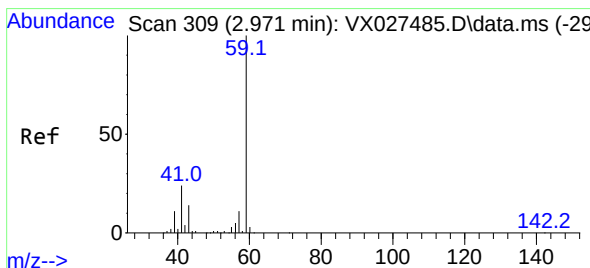
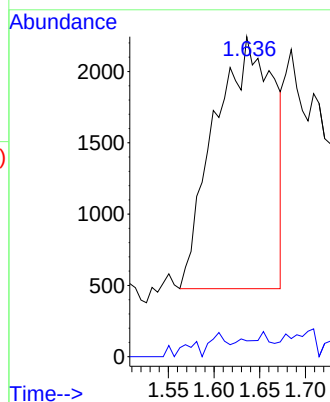
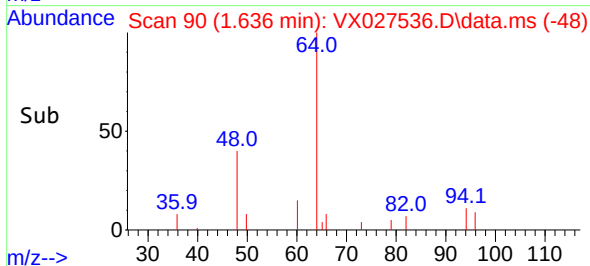


#6
Chloroethane
Concen: 3.885 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Instrument :
MSVOA_X
ClientSampleId :

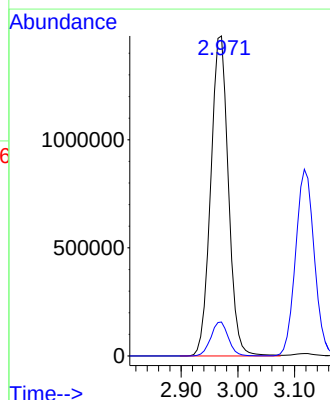
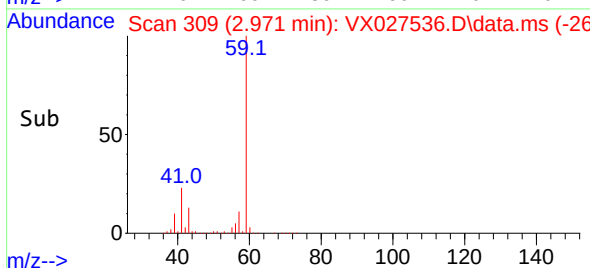
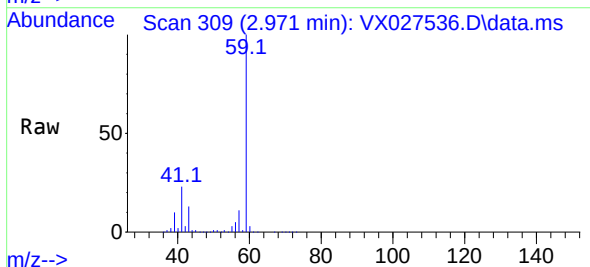


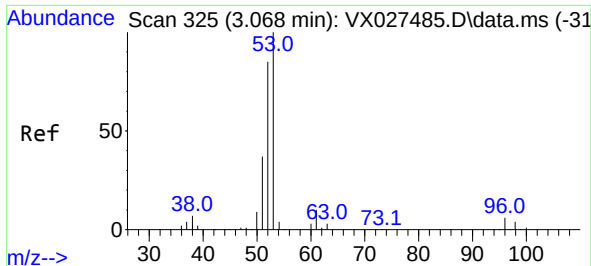
Tgt Ion: 64 Resp: 7955
Ion Ratio Lower Upper
64 100
66 2.7 25.3 37.9#



#11
Tert butyl alcohol
Concen: 4022.070 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Tgt Ion: 59 Resp: 3200727
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

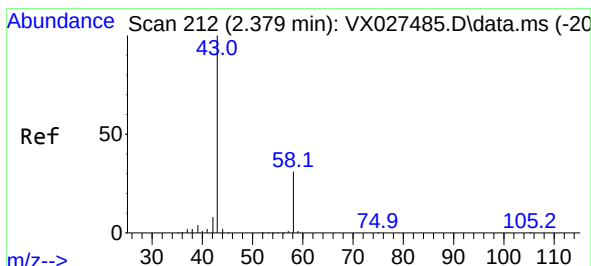
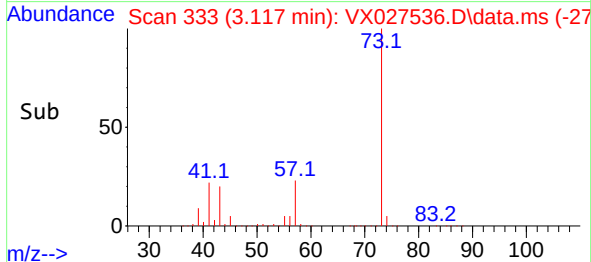
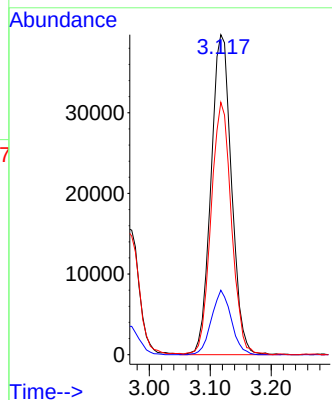
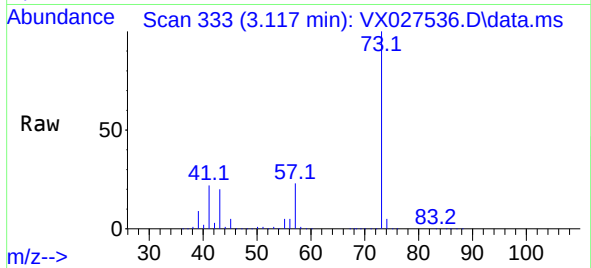




#15
Acrylonitrile
Concen: 51.377 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

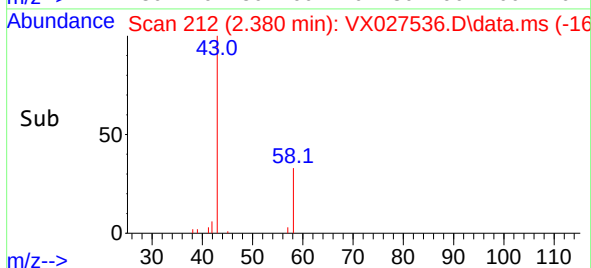
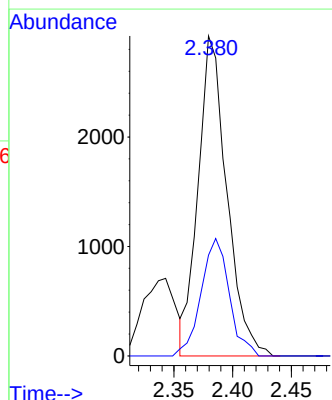
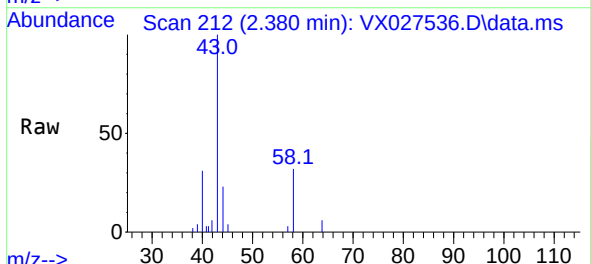
Instrument :
MSVOA_X
ClientSampleId :

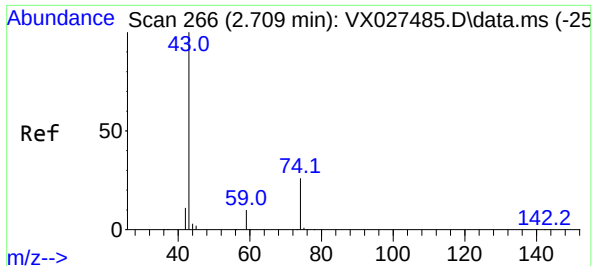
Tgt Ion: 53 Resp: 92951
Ion Ratio Lower Upper
53 100
52 19.4 65.7 98.5#
51 78.2 28.4 42.6#



#16
Acetone
Concen: 2.913 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Tgt Ion: 43 Resp: 4958
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2





#18

Methyl Acetate

Concen: 93.546 ug/l

RT: 2.965 min Scan# 308

Delta R.T. 0.256 min

Lab File: VX027536.D

Acq: 18 Mar 2022 18:28

Instrument :

MSVOA_X

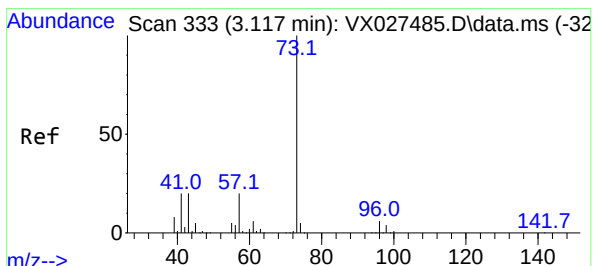
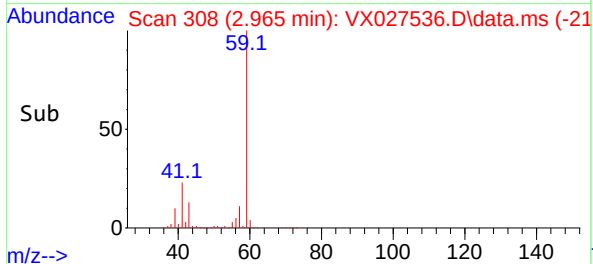
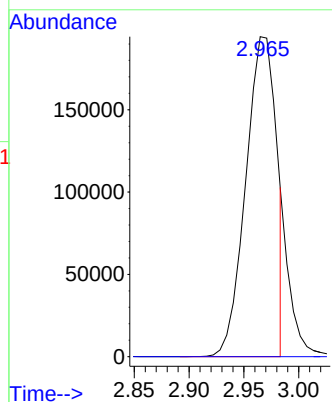
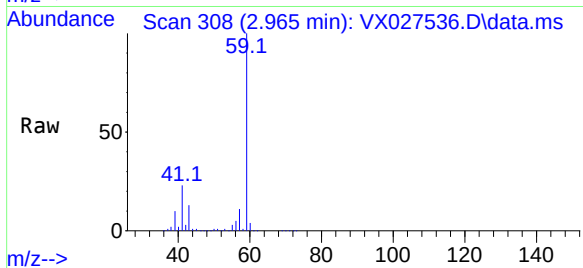
ClientSampleId :

Tgt Ion: 43 Resp: 381582

Ion Ratio Lower Upper

43 100

74 0.0 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 835.804 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX027536.D

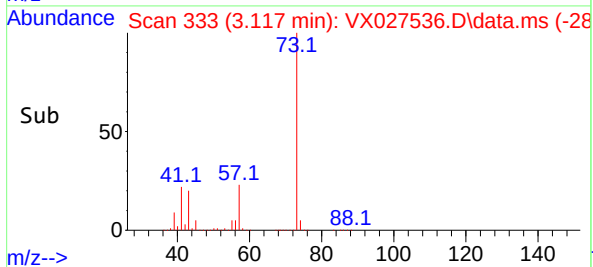
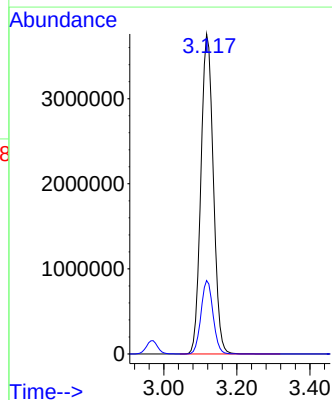
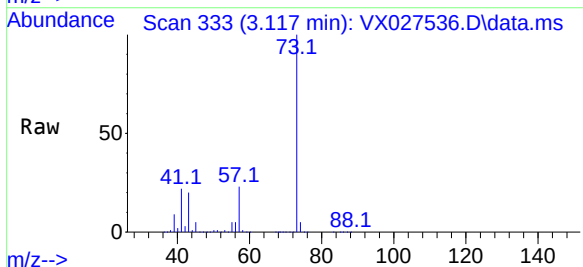
Acq: 18 Mar 2022 18:28

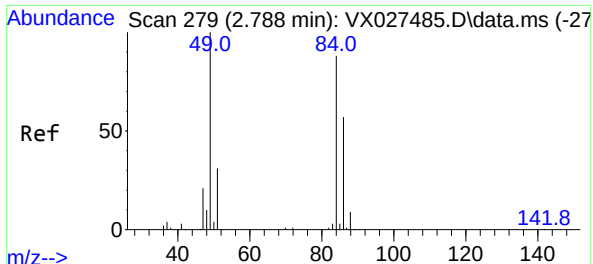
Tgt Ion: 73 Resp: 8875652

Ion Ratio Lower Upper

73 100

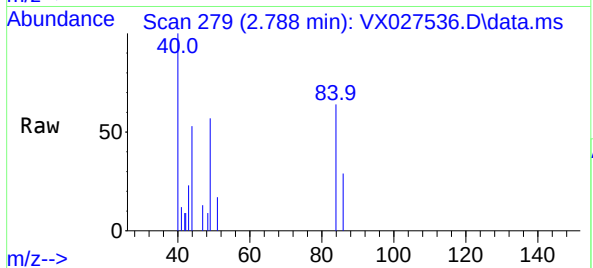
57 23.0 16.8 25.2



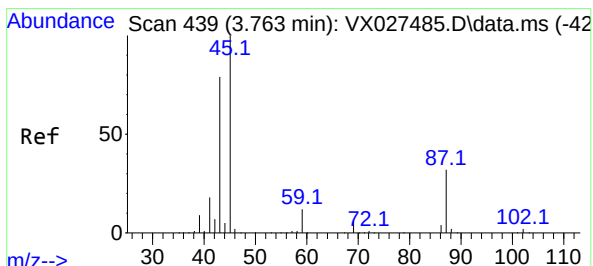
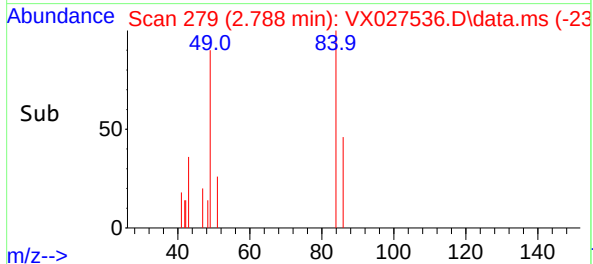
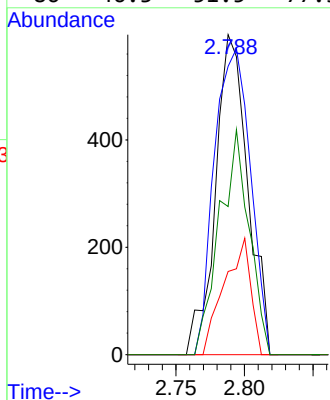


#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Instrument :
MSVOA_X
ClientSampleId :

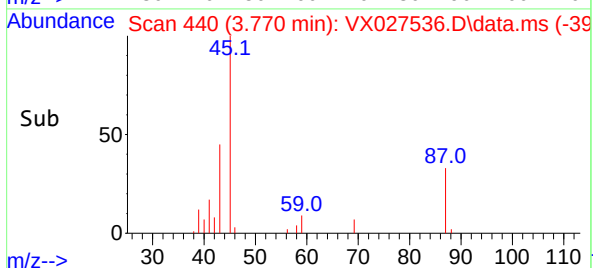
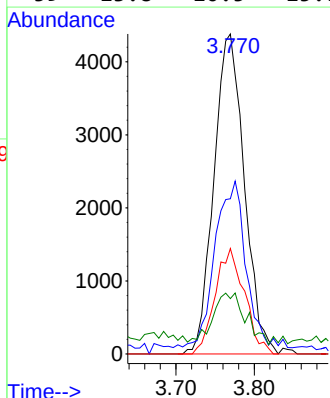
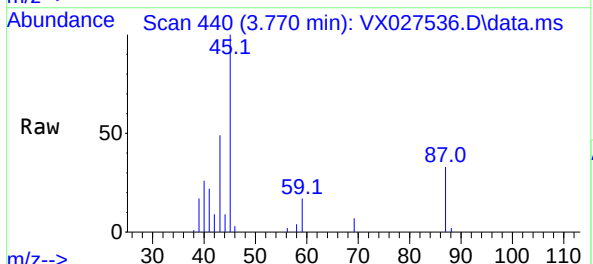


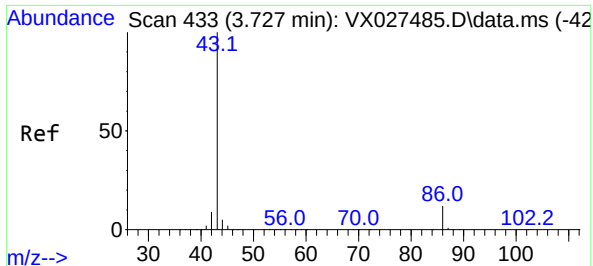
Tgt Ion:	84	Resp:	981
Ion	Ratio	Lower	Upper
84	100		
49	90.1	85.5	128.3
51	26.0	26.6	39.8#
86	46.3	51.5	77.3#



#22
Diisopropyl ether
Concen: 1.228 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Tgt Ion:	45	Resp:	11808
Ion	Ratio	Lower	Upper
45	100		
43	45.9	50.8	76.2#
87	33.0	26.6	39.8
59	13.8	10.5	15.7

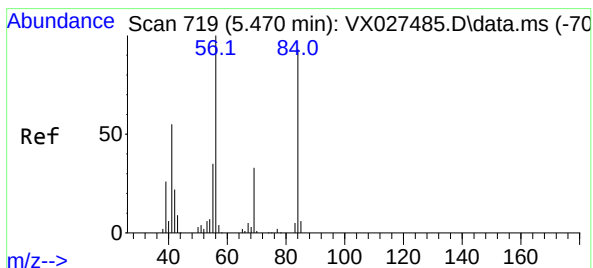
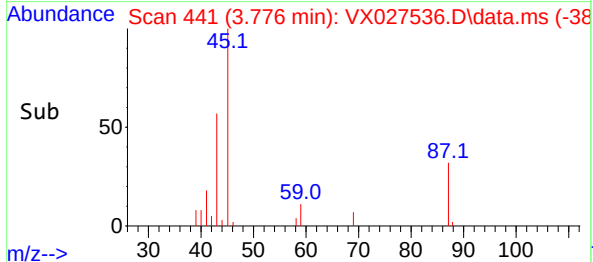
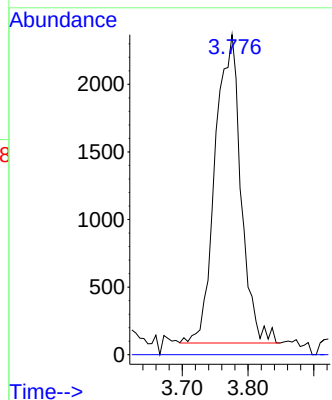
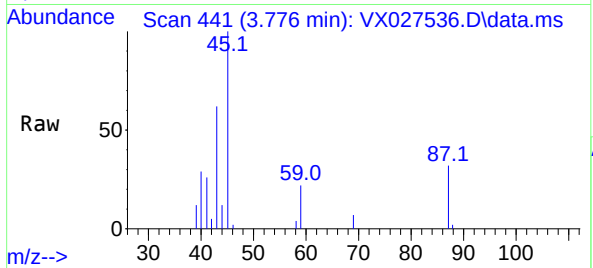




#23
 Vinyl Acetate
 Concen: 0.743 ug/l
 RT: 3.776 min Scan# 441
 Delta R.T. 0.049 min
 Lab File: VX027536.D
 Acq: 18 Mar 2022 18:28

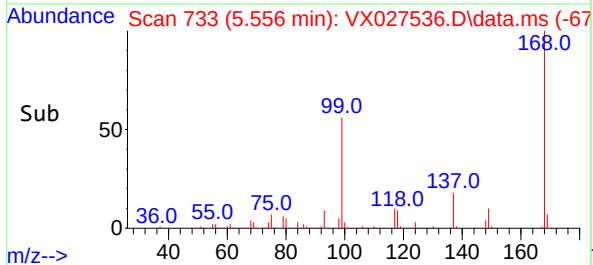
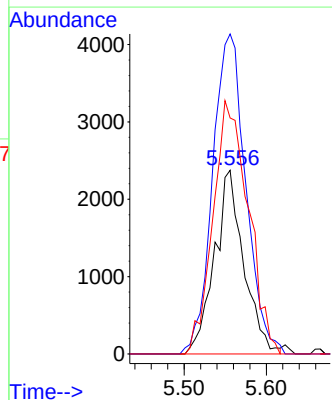
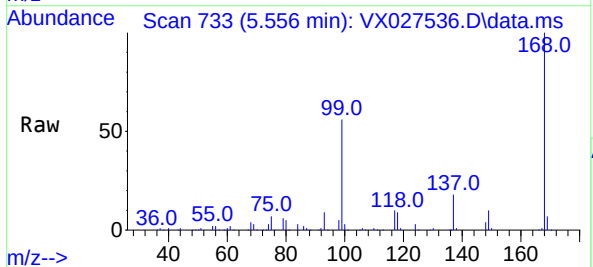
Instrument :
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 ClientSampleId :

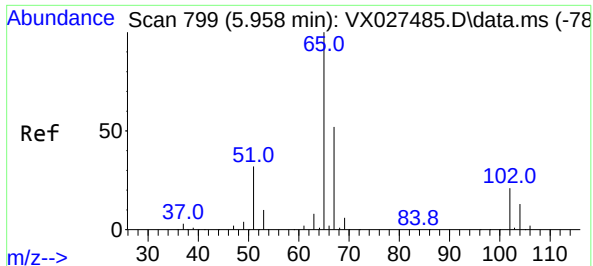
Tgt Ion: 43 Resp: 6213
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#31
 Cyclohexane
 Concen: 1.133 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX027536.D
 Acq: 18 Mar 2022 18:28

Tgt Ion: 56 Resp: 5873
 Ion Ratio Lower Upper
 56 100
 69 174.3 26.7 40.1#
 84 128.6 77.2 115.8#

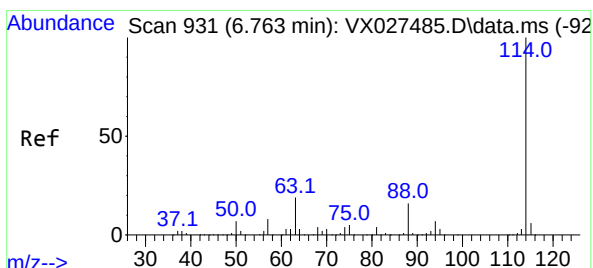
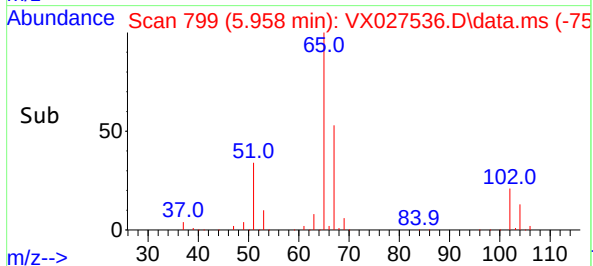
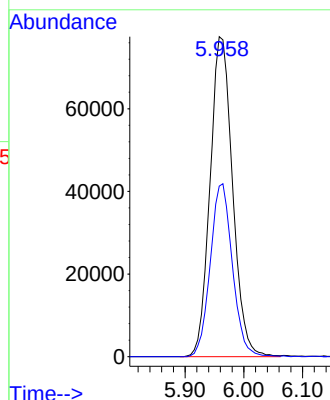
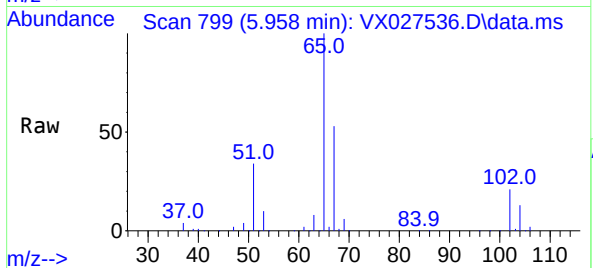




#33
 1,2-Dichloroethane-d4
 Concen: 49.389 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027536.D
 Acq: 18 Mar 2022 18:28

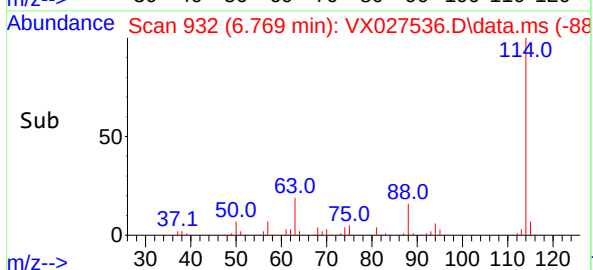
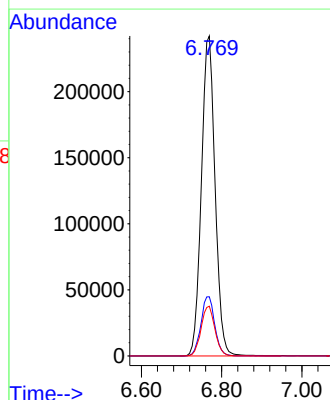
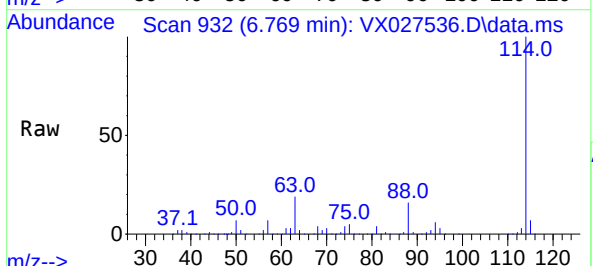
Instrument :
 MSVOA_X
 ClientSampleId :

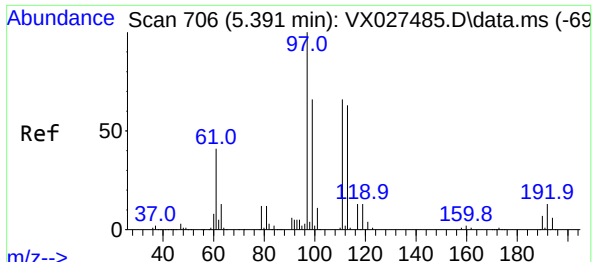
Tgt Ion: 65 Resp: 206229
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX027536.D
 Acq: 18 Mar 2022 18:28

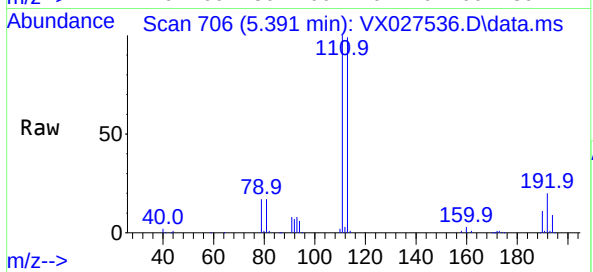
Tgt Ion:114 Resp: 573906
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 15.5 0.0 32.4





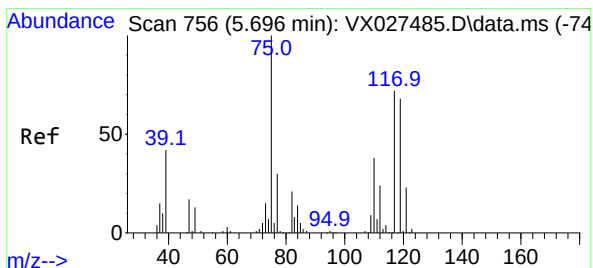
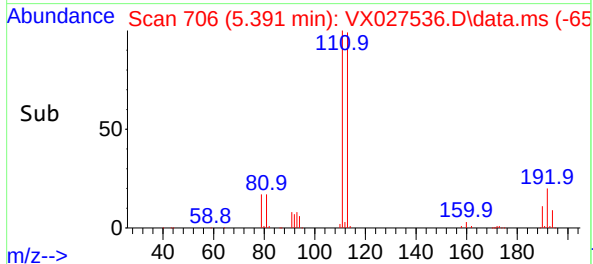
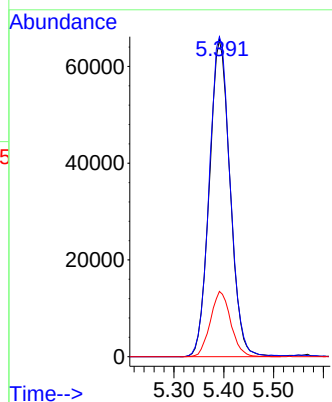
#35
Dibromofluoromethane
Concen: 51.105 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 188702

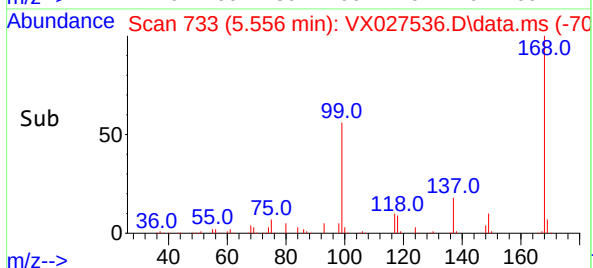
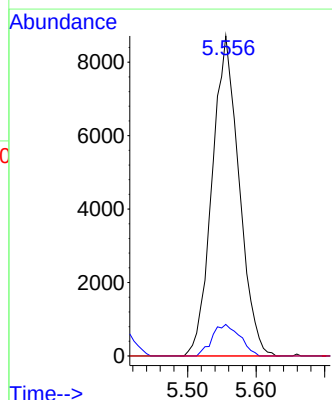
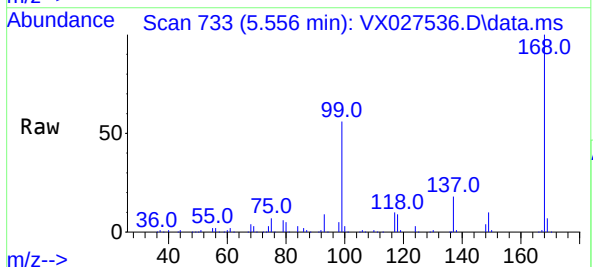
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.8	124.2
192	20.3	16.9	25.3

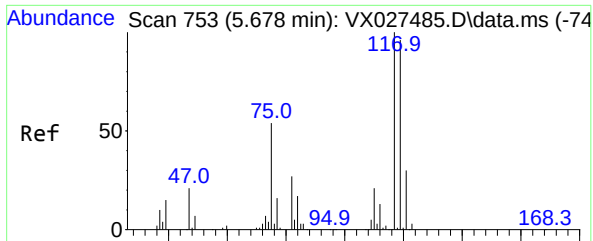


#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Tgt Ion: 75 Resp: 23818

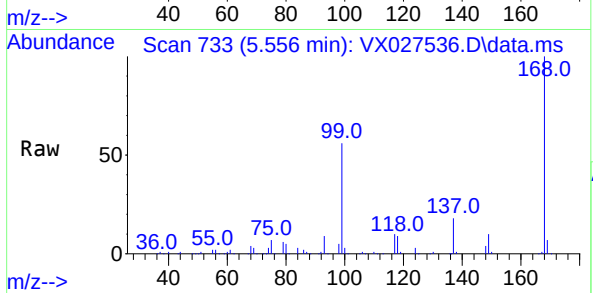
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.3	54.8#
77	0.0	24.8	37.2#



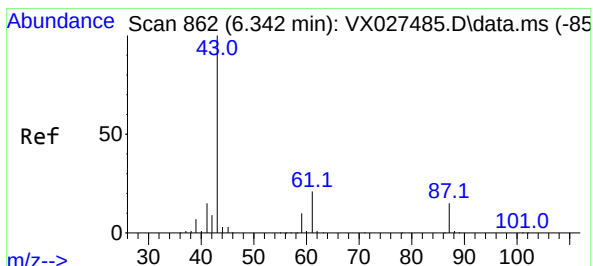
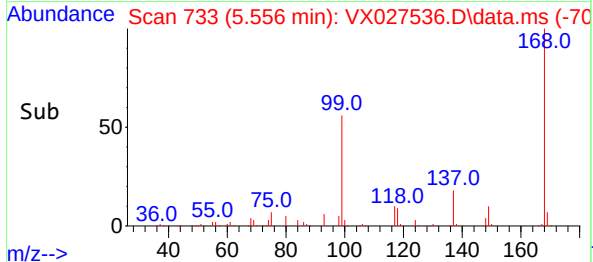
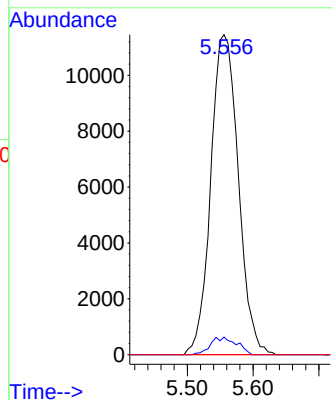


#38
Carbon Tetrachloride
Concen: 5.786 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Instrument :
MSVOA_X
ClientSampleId :

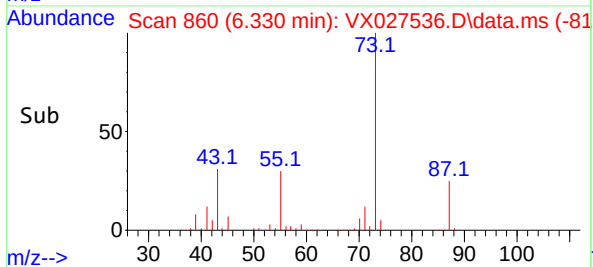
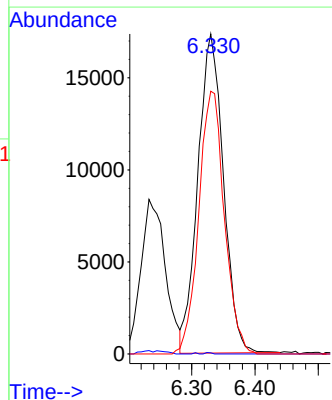
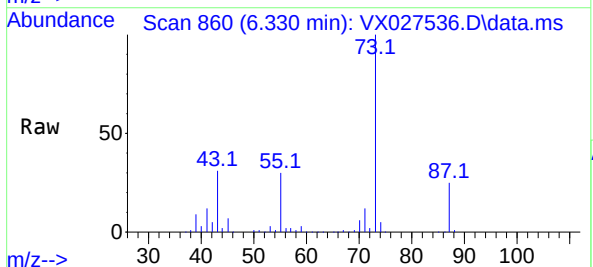


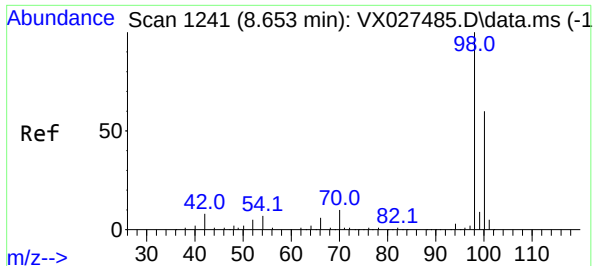
Tgt Ion:117 Resp: 33402
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 6.015 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Tgt Ion: 43 Resp: 48673
Ion Ratio Lower Upper
43 100
61 0.1 18.5 27.7#
87 82.5 13.0 19.6#

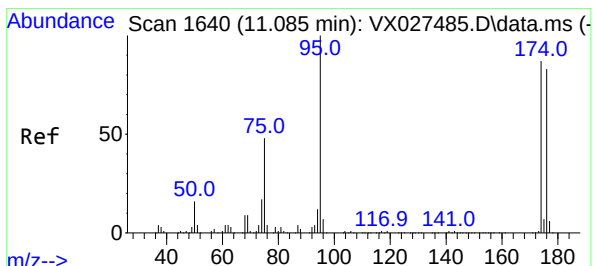
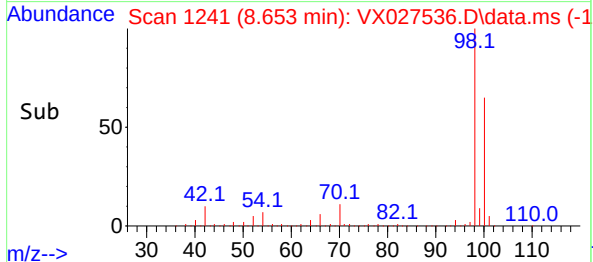
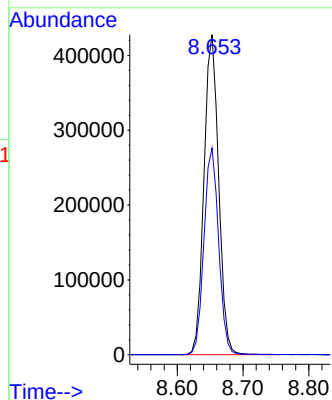
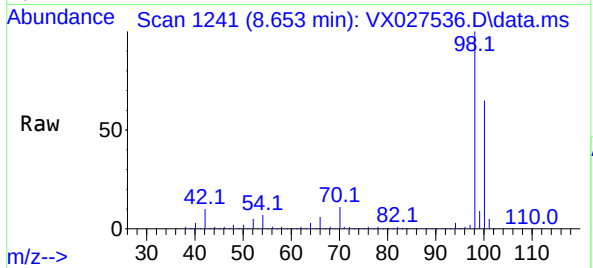




#50
Toluene-d8
Concen: 47.456 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

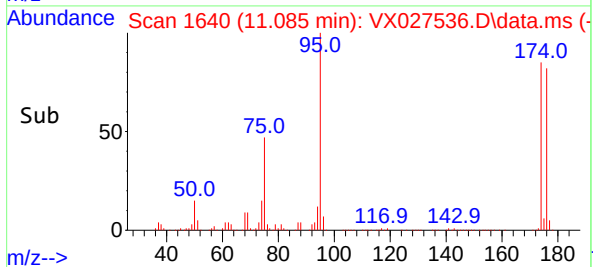
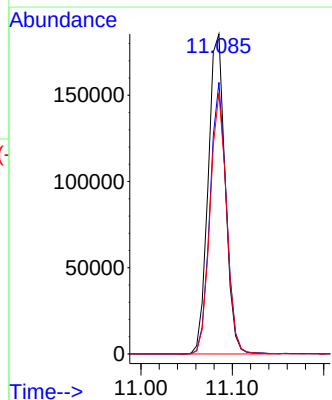
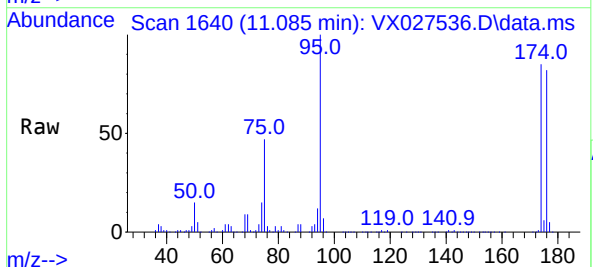
Instrument :
MSVOA_X
ClientSampleId :

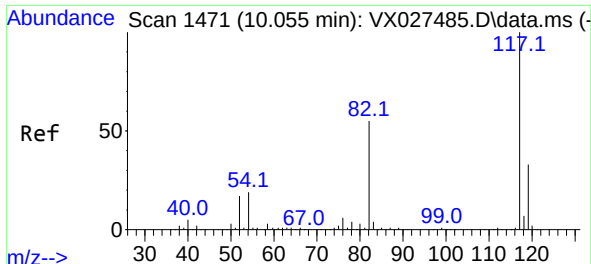
Tgt Ion: 98 Resp: 663079
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.587 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Tgt Ion: 95 Resp: 239257
Ion Ratio Lower Upper
95 100
174 81.9 0.0 163.0
176 79.0 0.0 155.0

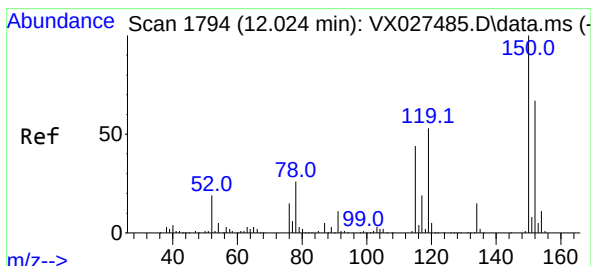
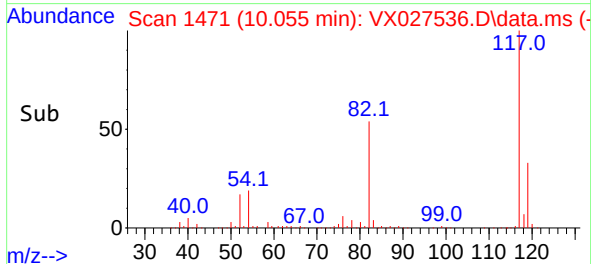
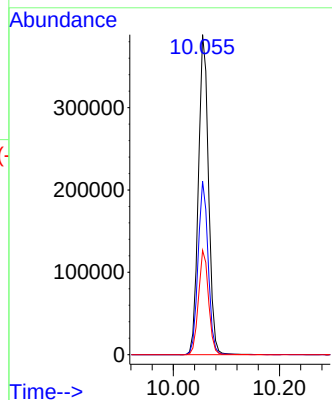
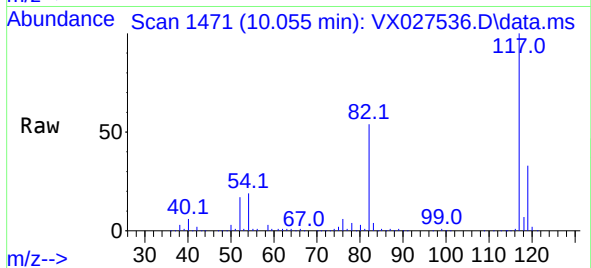




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

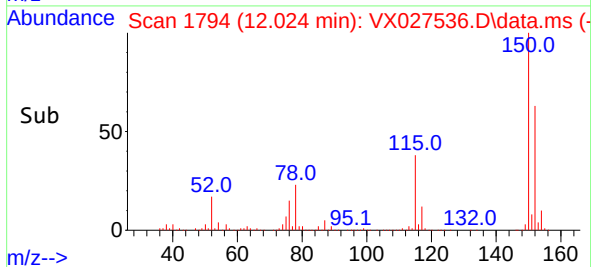
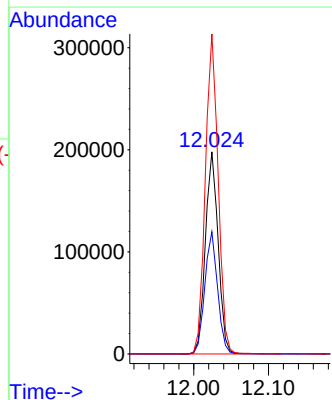
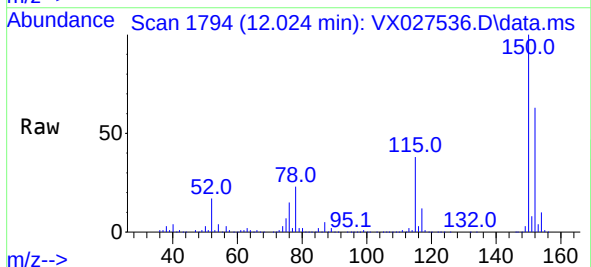
Instrument :
MSVOA_X
ClientSampleId :

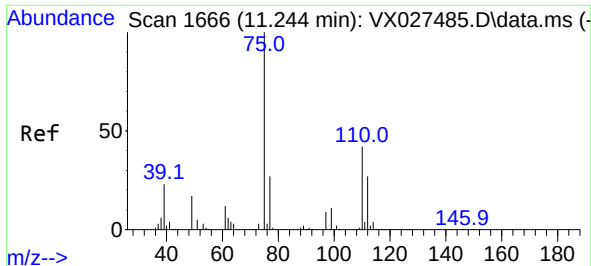
Tgt Ion:117 Resp: 515819
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Tgt Ion:152 Resp: 235464
Ion Ratio Lower Upper
152 100
115 60.3 37.5 112.7
150 158.5 0.0 338.2

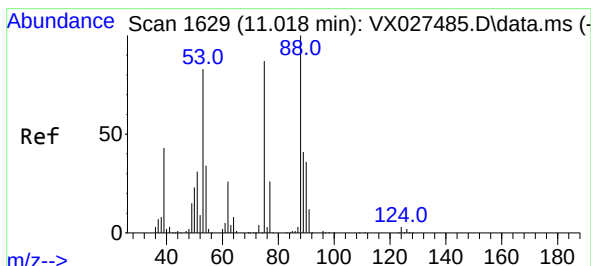
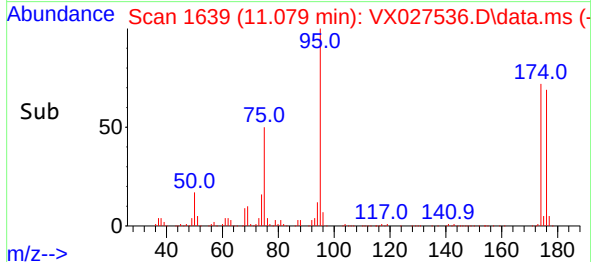
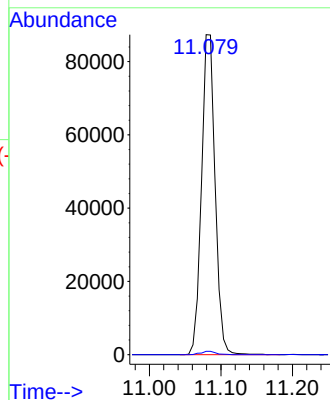
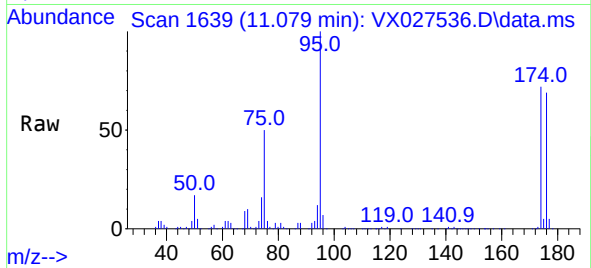




#76
1,2,3-Trichloropropane
Concen: 23.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 115402
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027536.D
Acq: 18 Mar 2022 18:28

Tgt Ion: 75 Resp: 115402
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

