

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027436.D
 Acq On : 14 Mar 2022 21:06
 Operator : JC/MD
 Sample : N1895-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031022

Quant Time: Mar 15 06:07:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

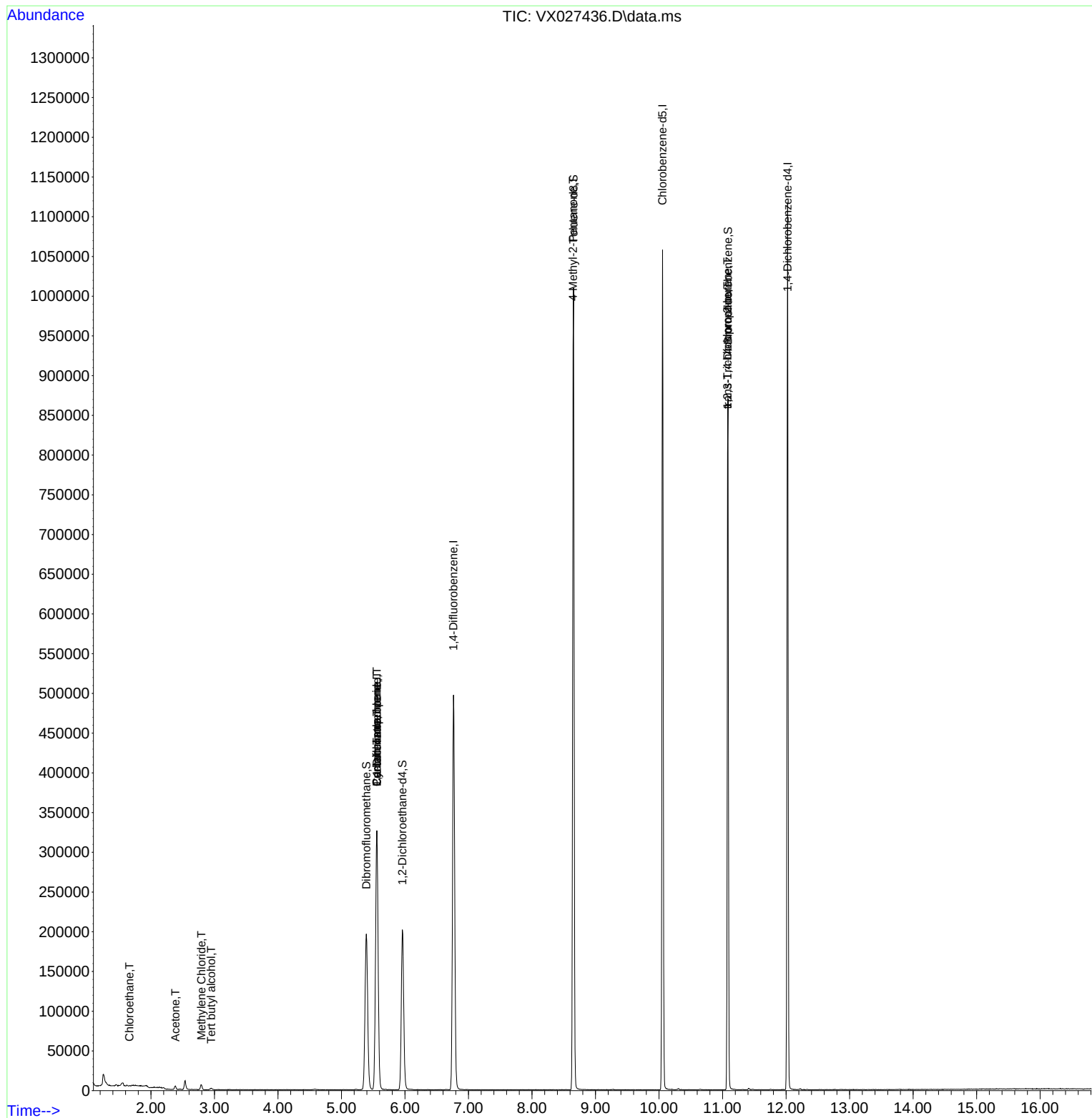
Internal Standards						
1) Pentafluorobenzene	5.556	168	309182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	511591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203084	56.326	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	112.660%	
35) Dibromofluoromethane	5.391	113	173394	52.526	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	105.060%	
50) Toluene-d8	8.653	98	610072	48.952	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	97.900%	
62) 4-Bromofluorobenzene	11.085	95	226053	47.591	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	95.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	540	Below Cal	#	68
6) Chloroethane	1.660	64	332	0.605	ug/l #	43
11) Tert butyl alcohol	2.946	59	1186	1.678	ug/l #	72
16) Acetone	2.386	43	4608	0.414	ug/l	96
20) Methylene Chloride	2.794	84	3102	0.881	ug/l	89
31) Cyclohexane	5.556	56	6321	1.253	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22760	4.966	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31784	6.706	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2591	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	117707	24.176	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	117707	78.187	ug/l #	15

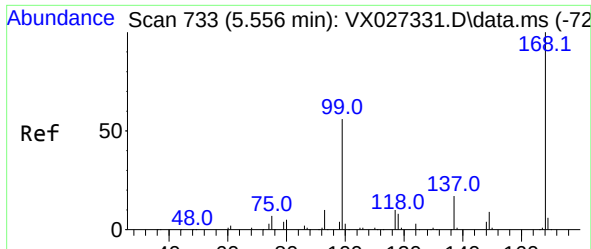
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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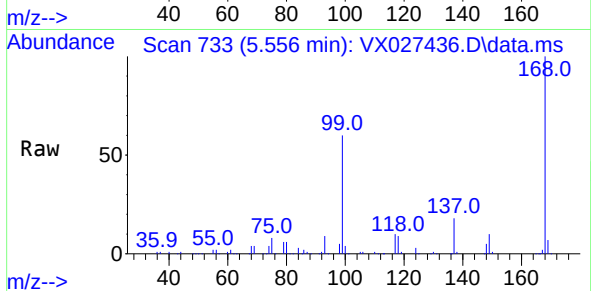
Quant Time: Mar 15 06:07:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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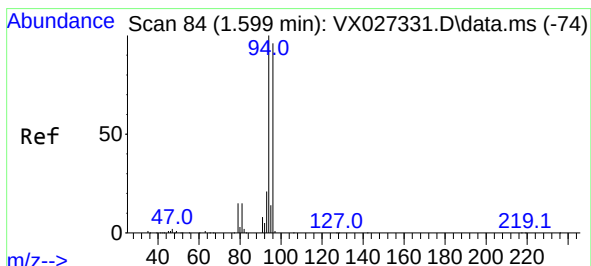
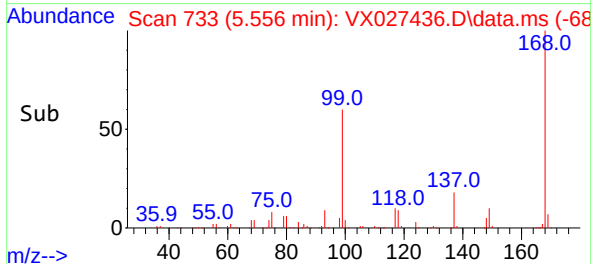
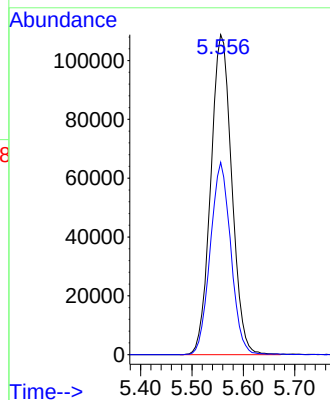


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
FB031022

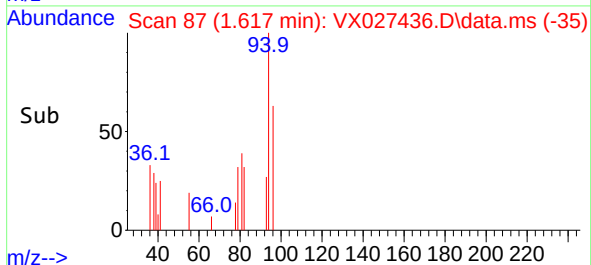
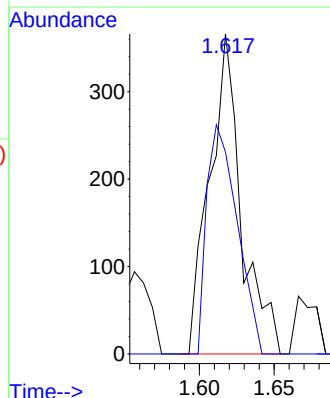
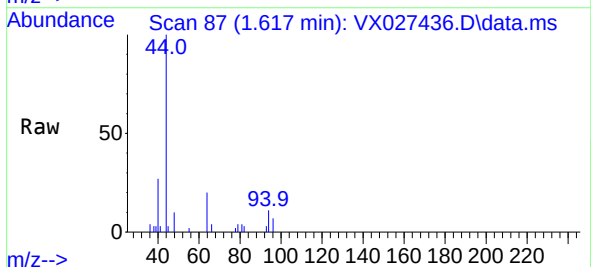


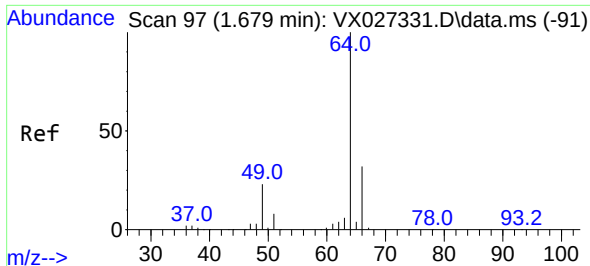
Tgt Ion:168 Resp: 309182
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Tgt Ion: 94 Resp: 540
Ion Ratio Lower Upper
94 100
96 63.1 75.3 112.9#

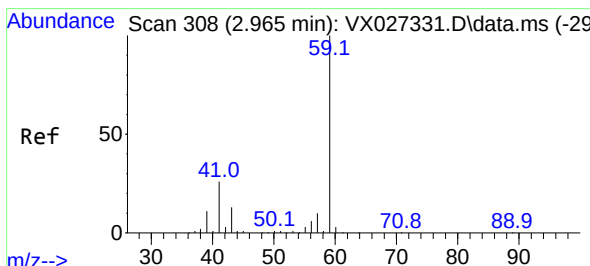
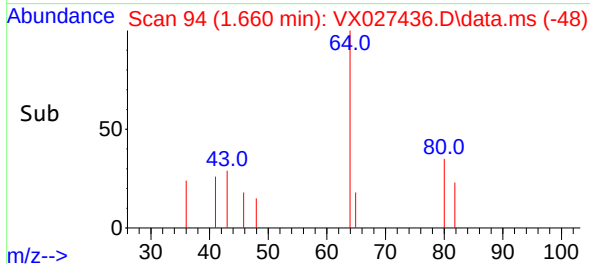
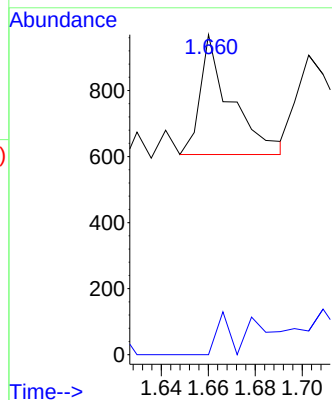
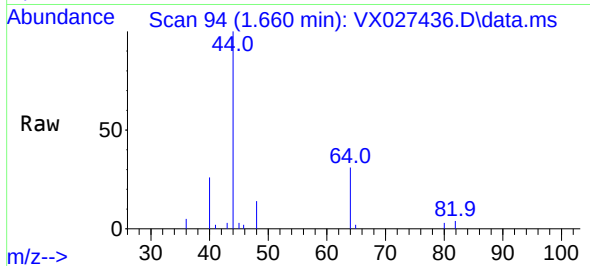




#6
Chloroethane
Concen: 0.605 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

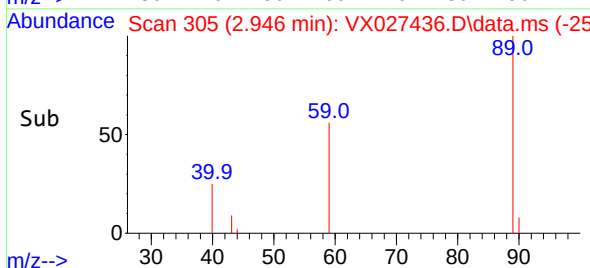
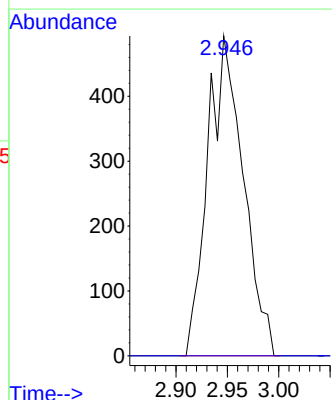
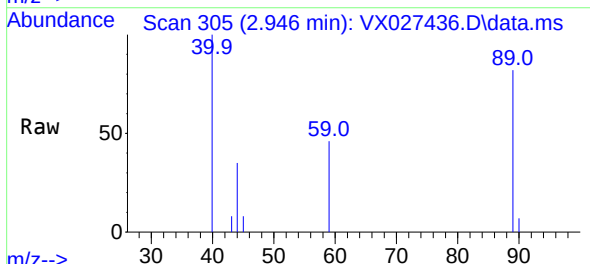
Instrument :
MSVOA_X
ClientSampleId :
FB031022

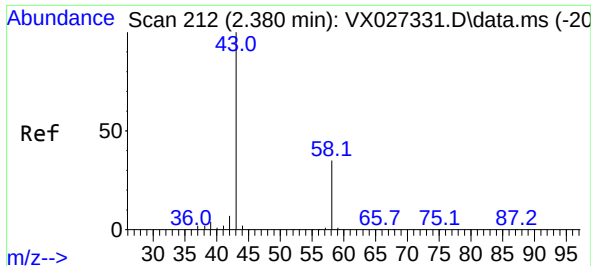
Tgt Ion: 64 Resp: 332
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 1.678 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Tgt Ion: 59 Resp: 1186
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

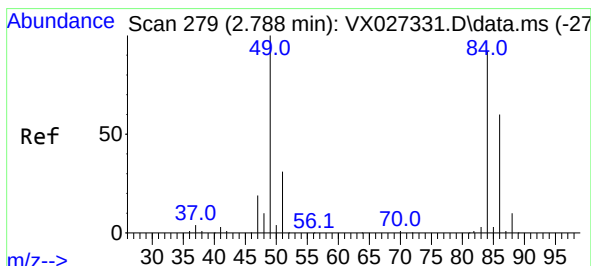
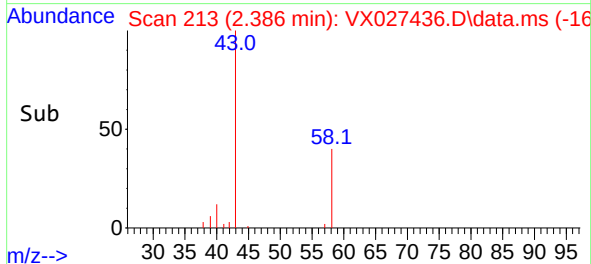
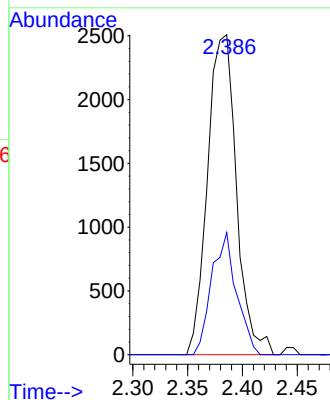
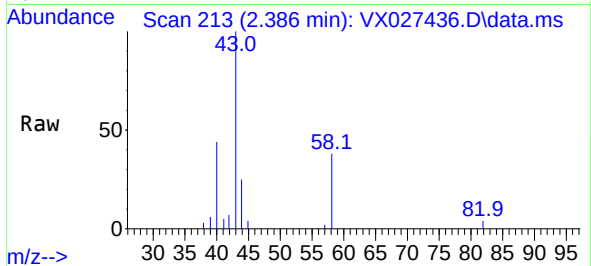




#16
Acetone
Concen: 0.414 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

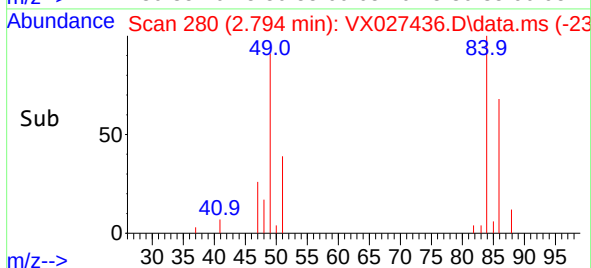
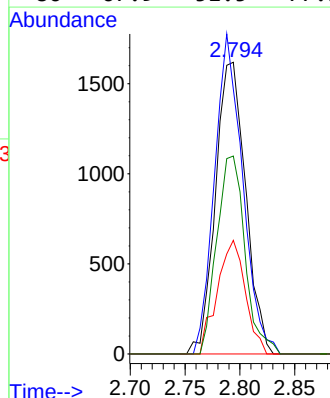
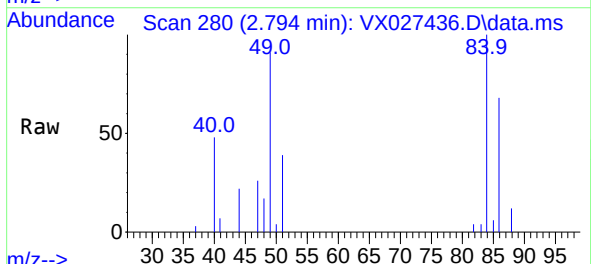
Instrument :
MSVOA_X
ClientSampleId :
FB031022

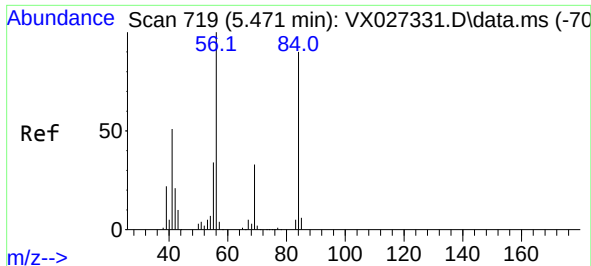
Tgt Ion: 43 Resp: 4608
Ion Ratio Lower Upper
43 100
58 38.1 28.8 43.2



#20
Methylene Chloride
Concen: 0.881 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

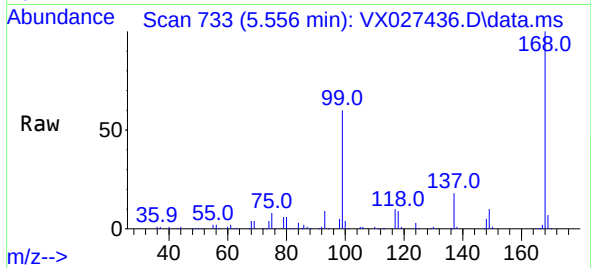
Tgt Ion: 84 Resp: 3102
Ion Ratio Lower Upper
84 100
49 90.8 85.5 128.3
51 39.0 26.6 39.8
86 67.9 51.5 77.3





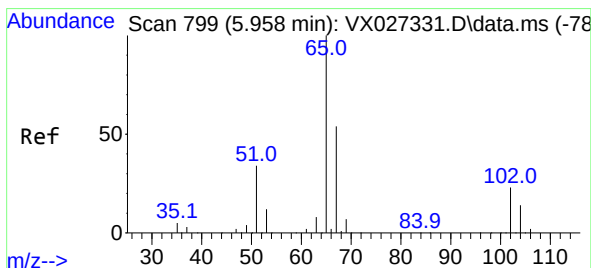
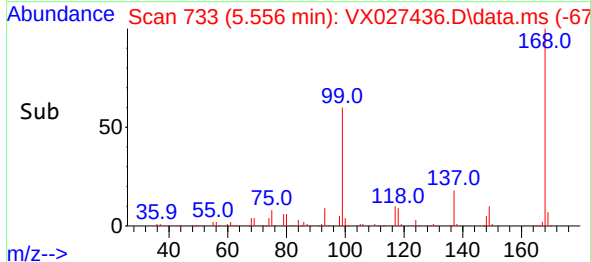
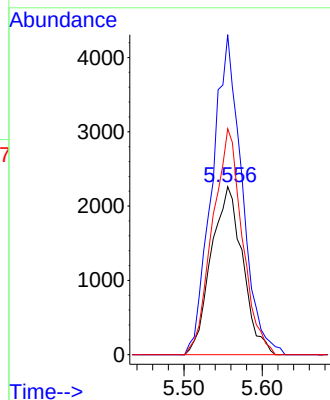
#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Instrument :
MSVOA_X
ClientSampleId :
FB031022



Tgt Ion: 56 Resp: 6321

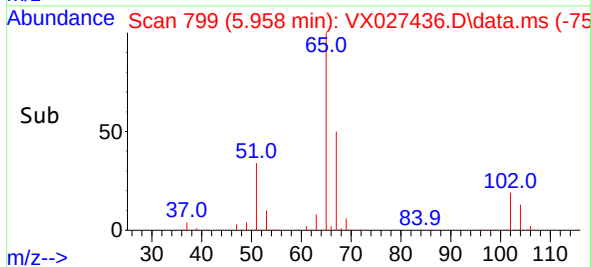
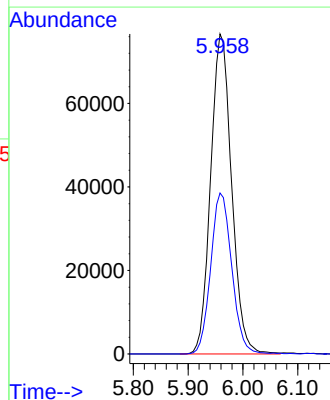
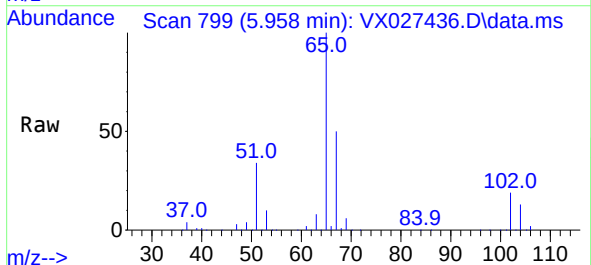
Ion	Ratio	Lower	Upper
56	100		
69	190.4	26.7	40.1#
84	134.4	77.2	115.8#

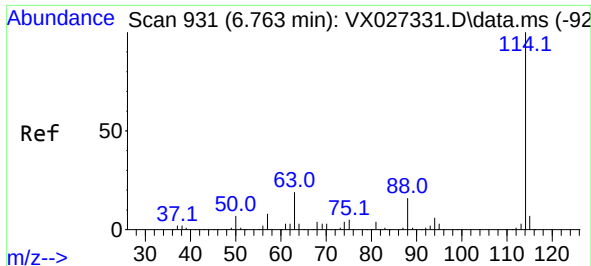


#33
1,2-Dichloroethane-d4
Concen: 56.326 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Tgt Ion: 65 Resp: 203084

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	107.4

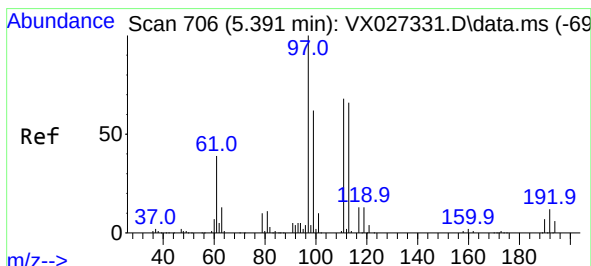
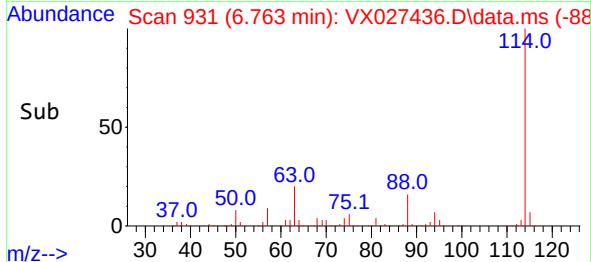
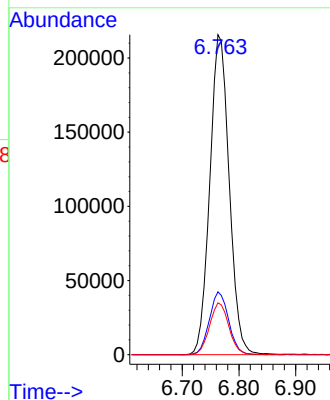
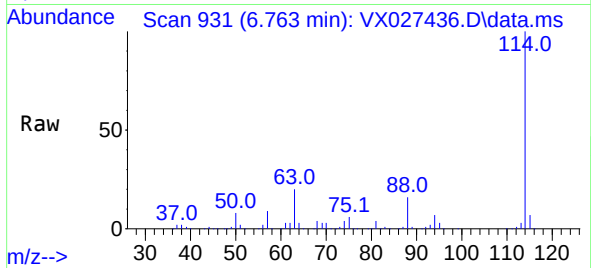




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

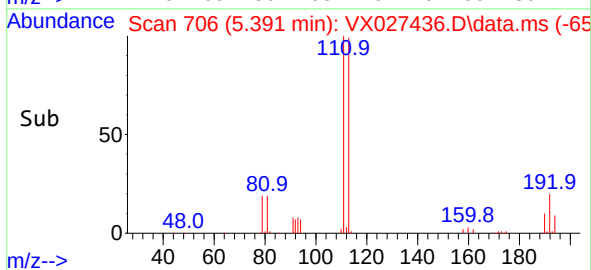
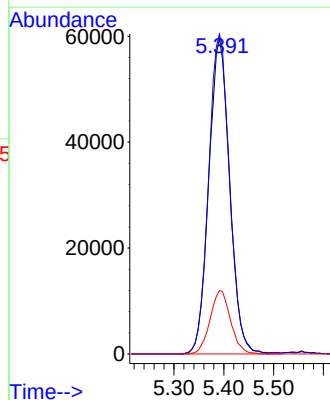
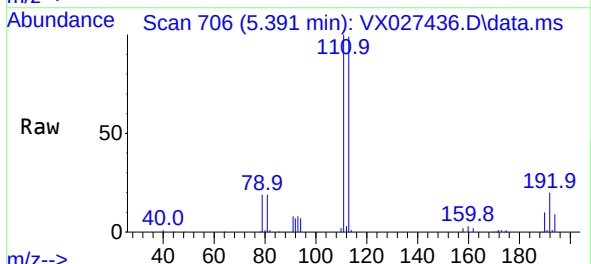
Instrument :
MSVOA_X
ClientSampleId :
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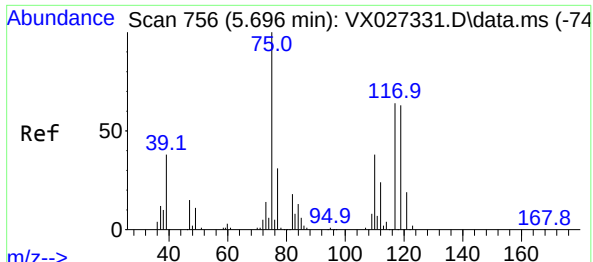
Tgt Ion:114 Resp: 511591
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.526 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Tgt Ion:113 Resp: 173394
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 19.7 16.9 25.3

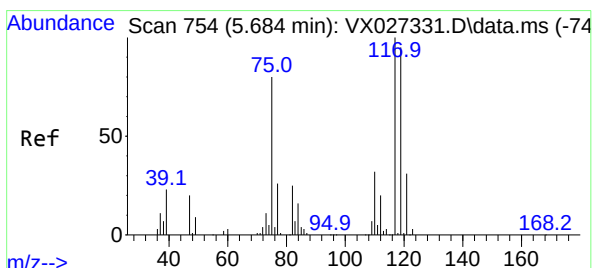
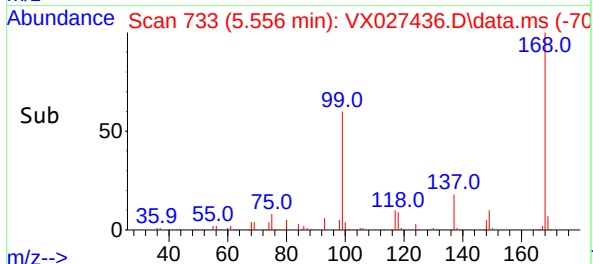
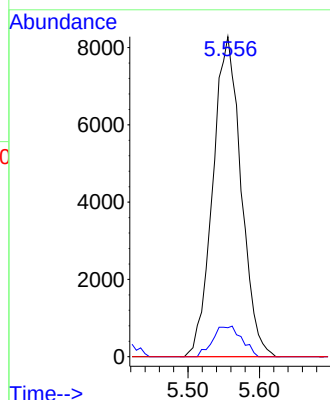
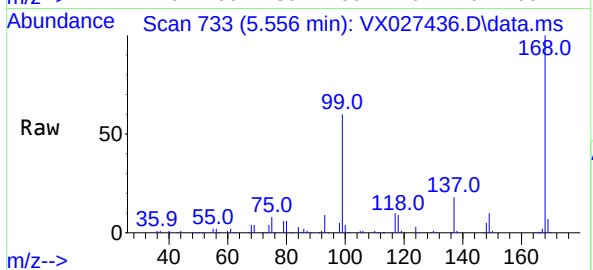




#36
1,1-Dichloropropene
Concen: 4.966 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

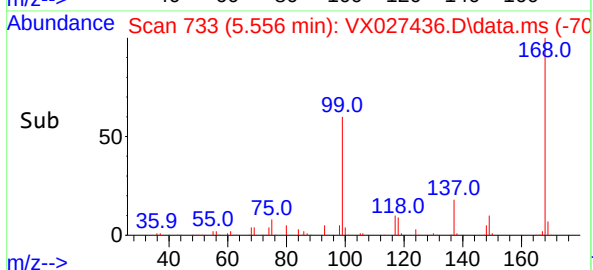
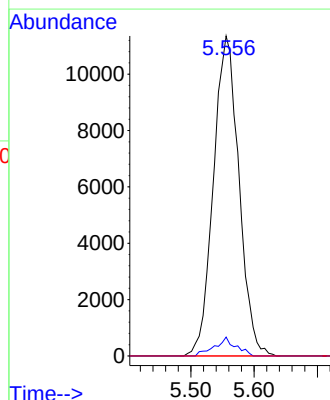
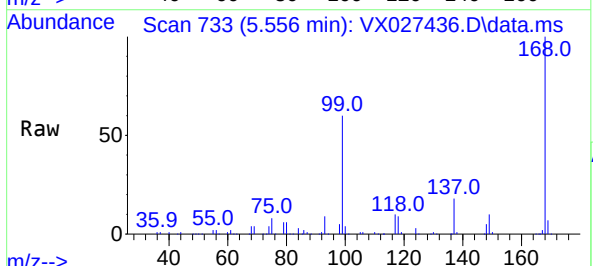
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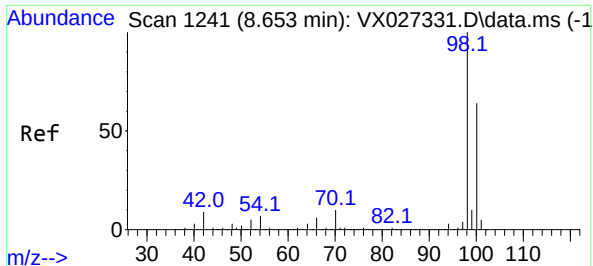
Tgt Ion: 75 Resp: 22760
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.706 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Tgt Ion: 117 Resp: 31784
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#

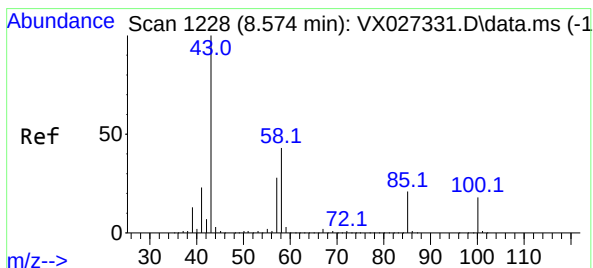
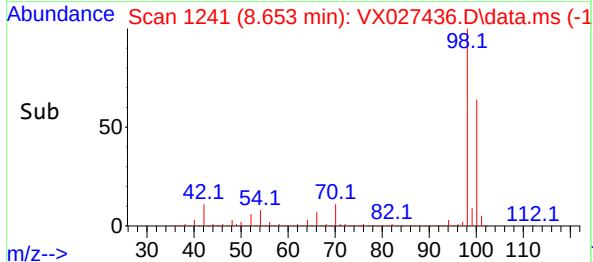
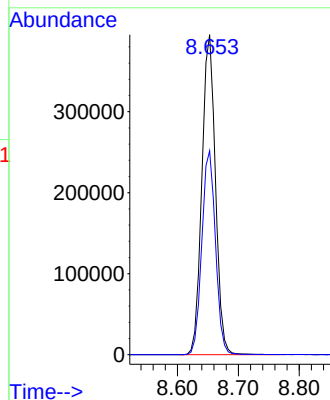
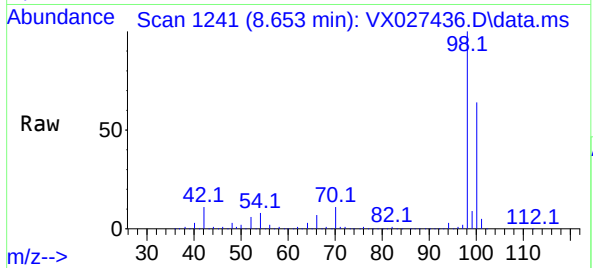




#50
Toluene-d8
Concen: 48.952 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

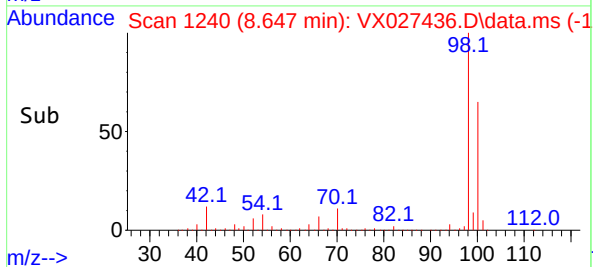
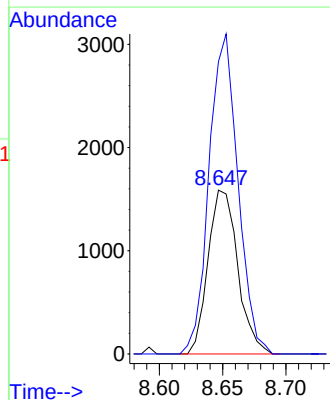
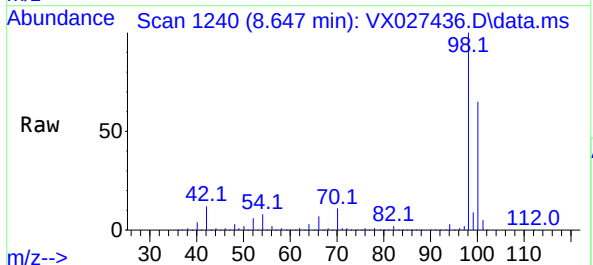
Instrument :
MSVOA_X
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FB031022

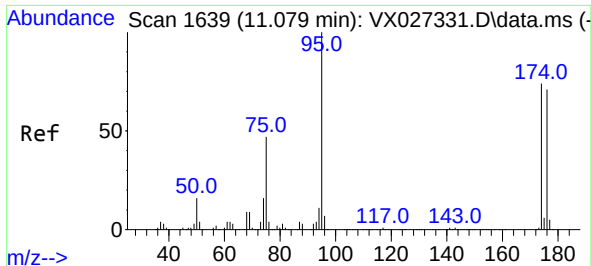
Tgt Ion: 98 Resp: 610072
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Tgt Ion: 43 Resp: 2591
Ion Ratio Lower Upper
43 100
58 190.2 36.1 54.1#

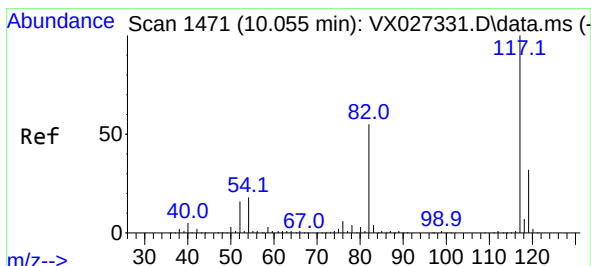
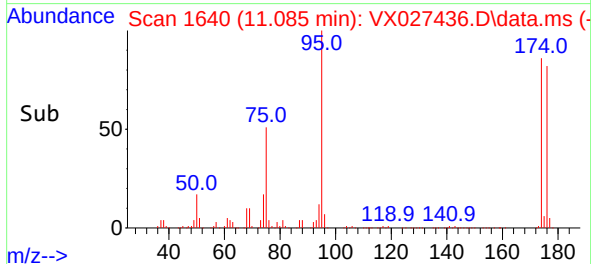
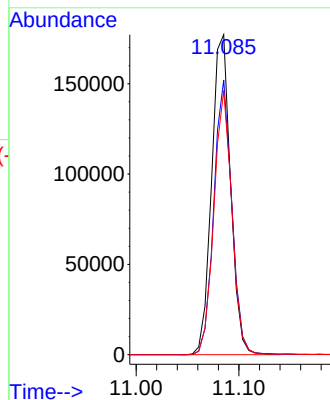
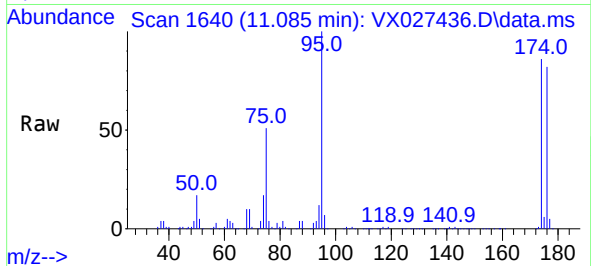




#62
4-Bromofluorobenzene
Concen: 47.591 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

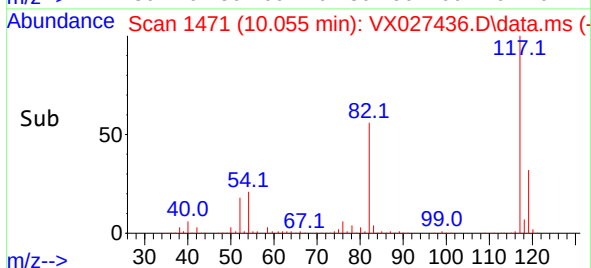
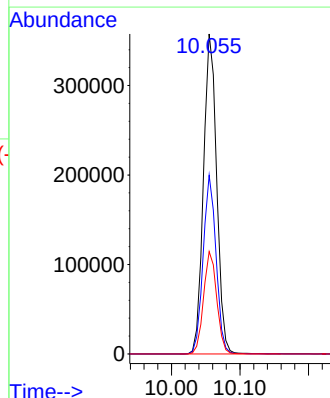
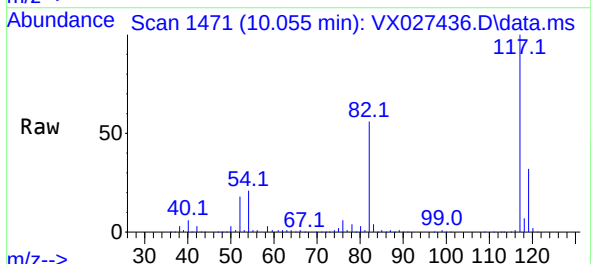
Instrument :
MSVOA_X
ClientSampleId :
FB031022

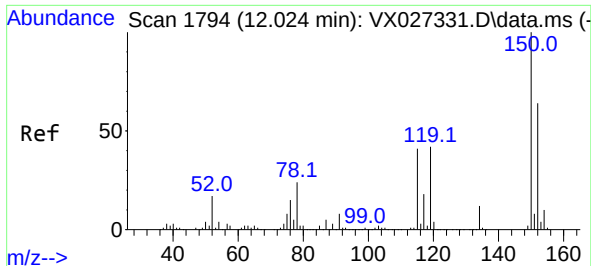
Tgt Ion: 95 Resp: 226053
Ion Ratio Lower Upper
95 100
174 81.5 0.0 163.0
176 78.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Tgt Ion: 117 Resp: 481215
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.0 24.8 37.2

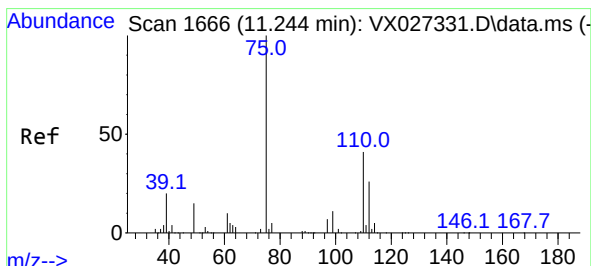
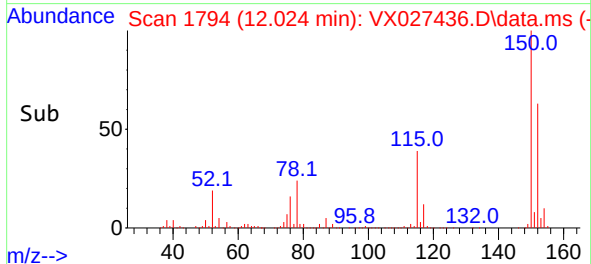
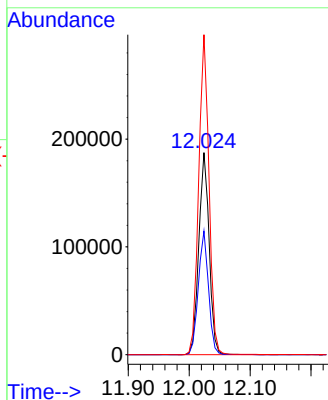
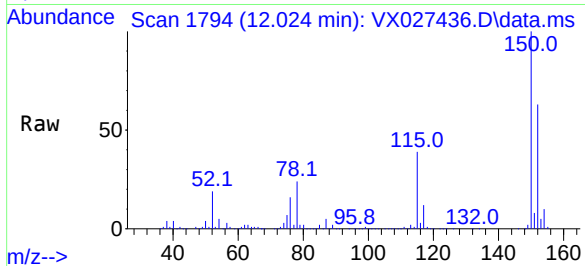




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

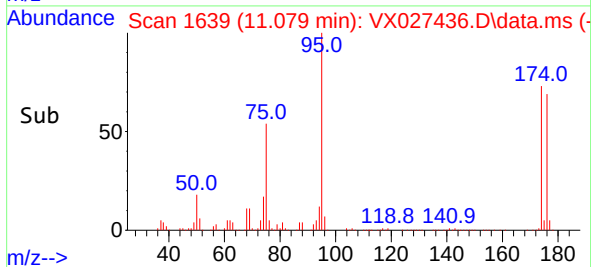
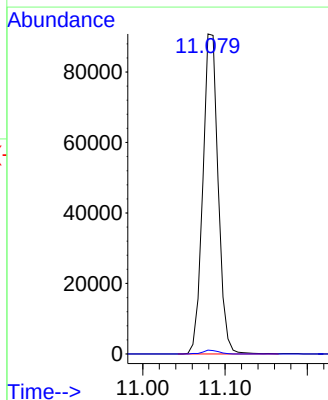
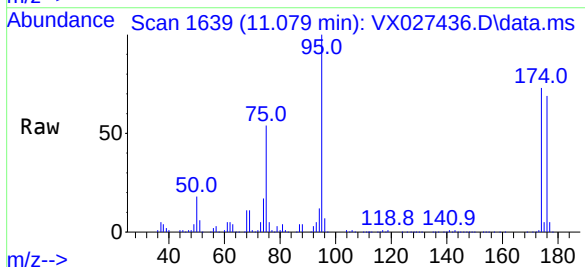
Instrument :
MSVOA_X
ClientSampleId :
FB031022

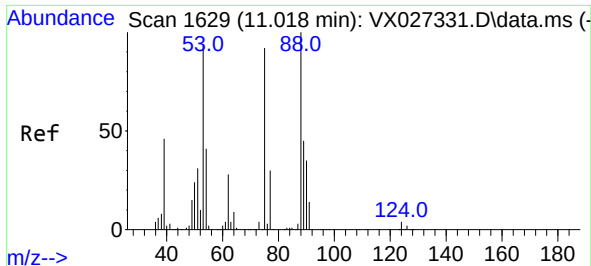
Tgt Ion:152 Resp: 221910
Ion Ratio Lower Upper
152 100
115 60.2 37.5 112.7
150 157.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027436.D
Acq: 14 Mar 2022 21:06

Tgt Ion: 75 Resp: 117707
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.187 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX027436.D
 Acq: 14 Mar 2022 21:06

Instrument :
 MSVOA_X
 ClientSampleId :
 FB031022

Tgt Ion: 75 Resp: 117707
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

