

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022693.D
 Acq On : 14 Jun 2021 15:05
 Operator : JC/MD
 Sample : M2705-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PRODUCT02-NMW-PS-D3

Quant Time: Jun 15 06:12:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

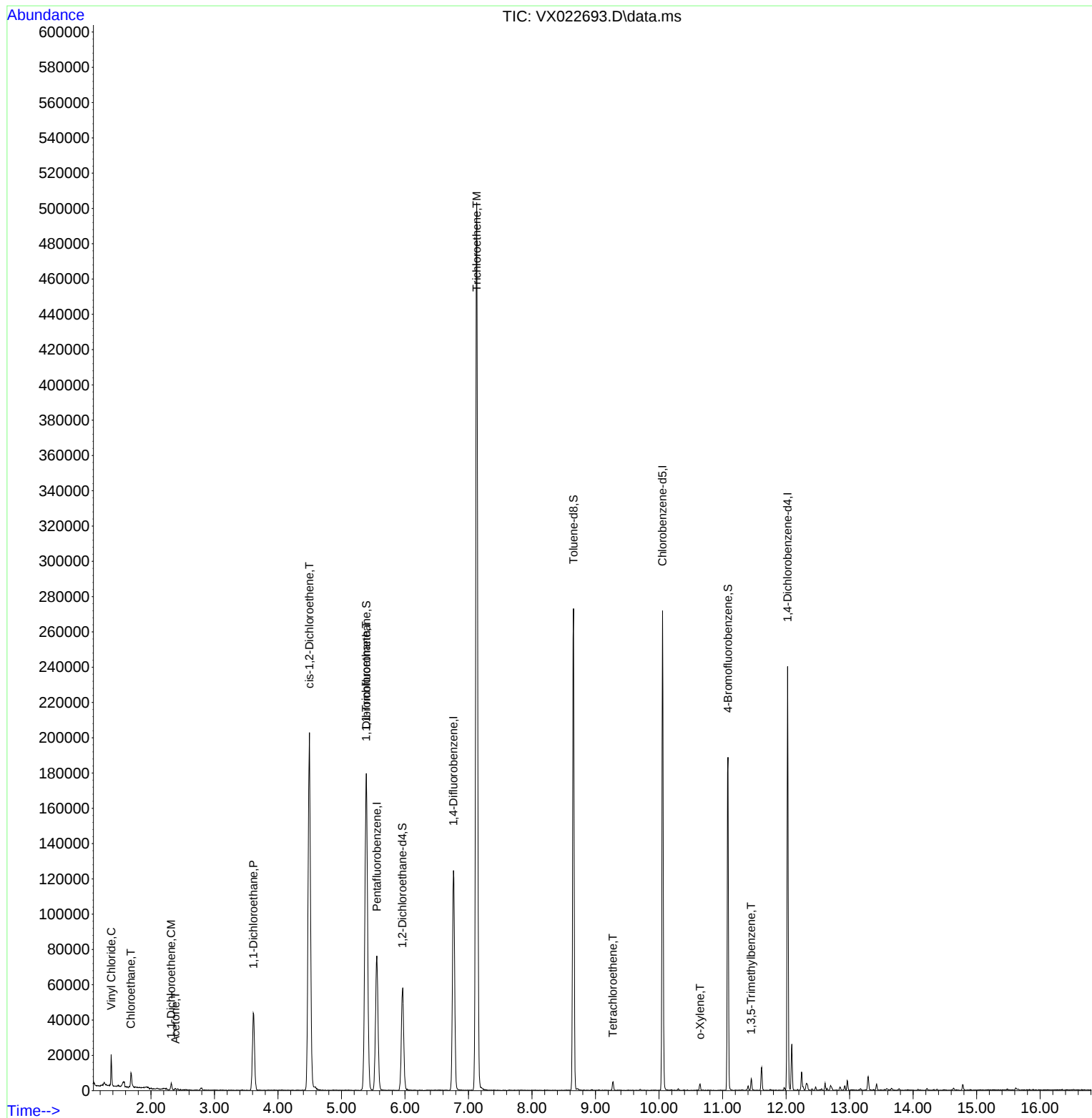
Internal Standards						
1) Pentafluorobenzene	5.556	168	63545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52278	45.744	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.480%
35) Dibromofluoromethane	5.391	113	38462	48.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.653	98	154570	49.677	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.360%
62) 4-Bromofluorobenzene	11.085	95	52494	44.609	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.220%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	9104	10.283	ug/l	96
6) Chloroethane	1.685	64	4640	8.655	ug/l	98
12) 1,1-Dichloroethene	2.319	96	1081	1.401	ug/l	92
16) Acetone	2.386	43	886	1.731	ug/l	91
24) 1,1-Dichloroethane	3.611	63	47482	27.721	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	120470	115.662	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	125726	86.084	ug/l	97
44) Trichloroethene	7.129	130	174152	202.297	ug/l	90
64) Tetrachloroethene	9.275	164	724	1.029	ug/l #	69
69) o-Xylene	10.646	106	875	0.584	ug/l	81
80) 1,3,5-Trimethylbenzene	11.451	105	2761	0.962	ug/l	97

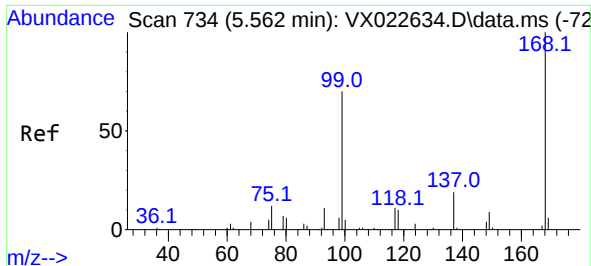
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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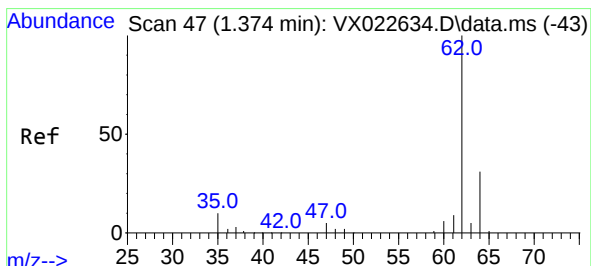
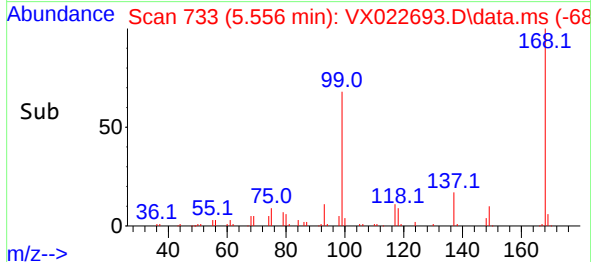
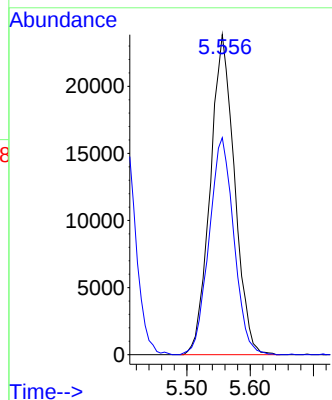
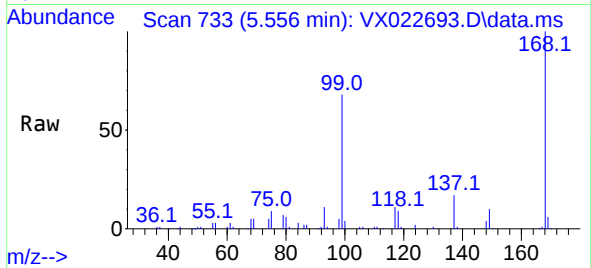




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

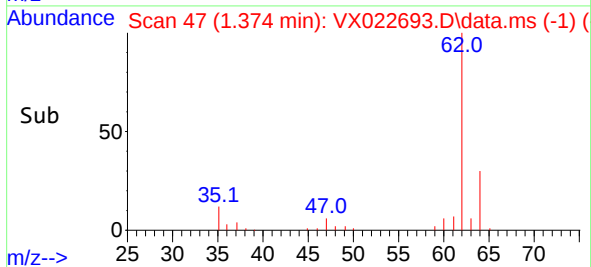
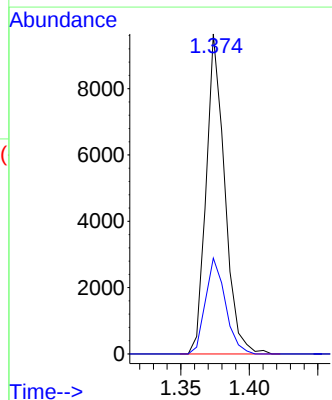
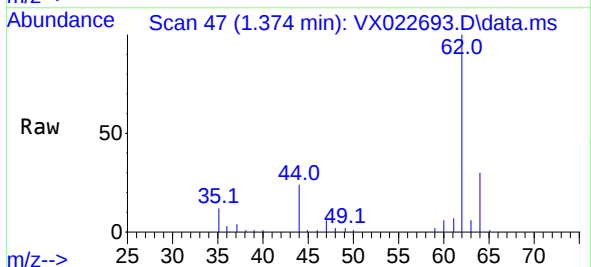
Instrument :
MSVOA_X
ClientSampleId :
PRODUCT02-NMW-PS-D3

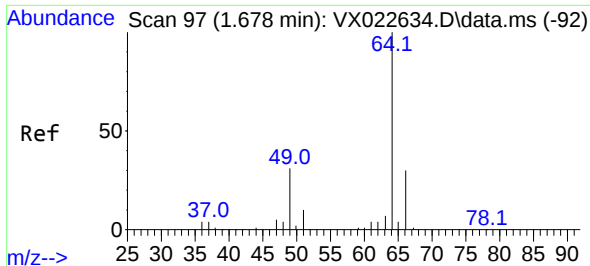
Tgt Ion:168 Resp: 63545
Ion Ratio Lower Upper
168 100
99 67.8 45.8 68.6



#4
Vinyl Chloride
Concen: 10.283 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

Tgt Ion: 62 Resp: 9104
Ion Ratio Lower Upper
62 100
64 30.0 25.7 38.5

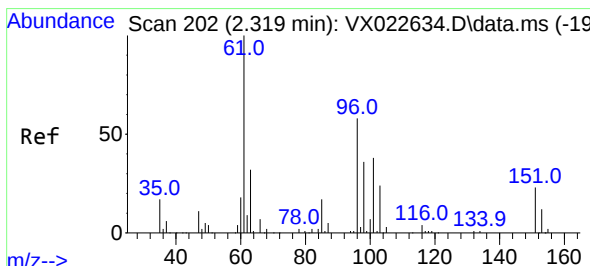
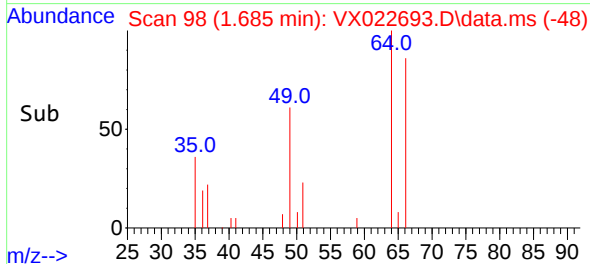
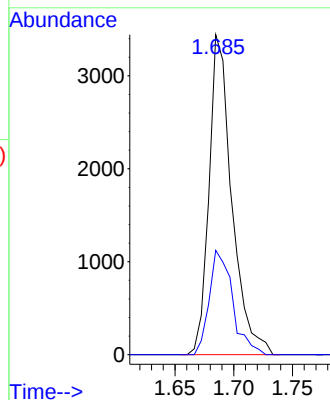
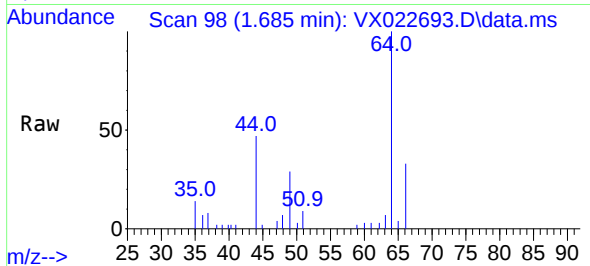




#6
Chloroethane
Concen: 8.655 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

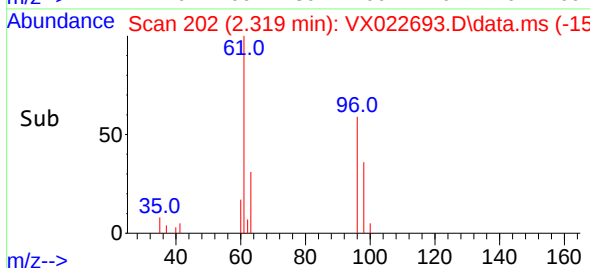
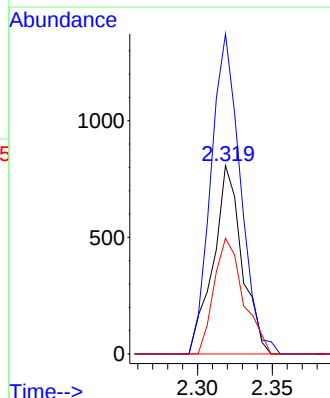
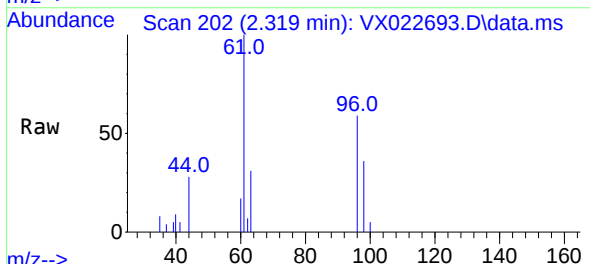
Instrument :
MSVOA_X
ClientSampleId :
PRODUCT02-NMW-PS-D3

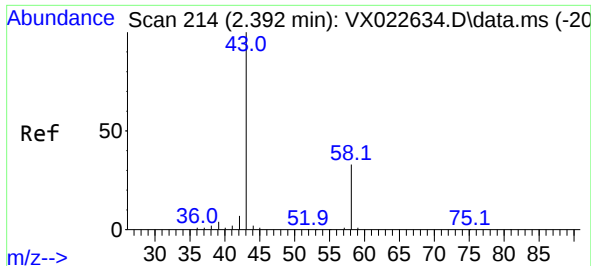
Tgt Ion: 64 Resp: 4640
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0



#12
1,1-Dichloroethene
Concen: 1.401 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

Tgt Ion: 96 Resp: 1081
Ion Ratio Lower Upper
96 100
61 169.8 124.6 187.0
98 61.4 50.6 76.0

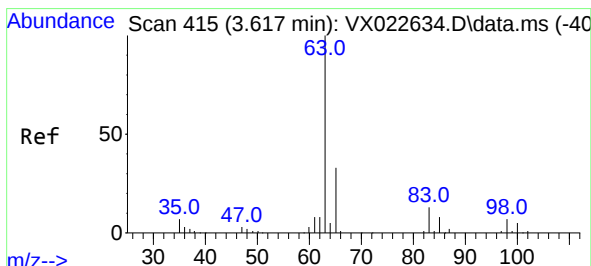
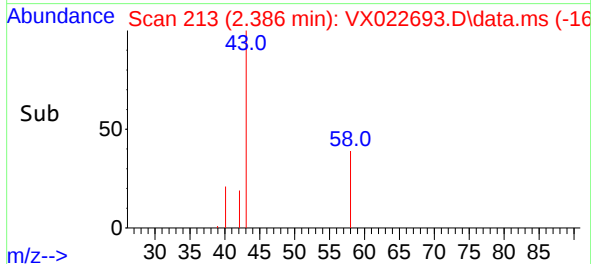
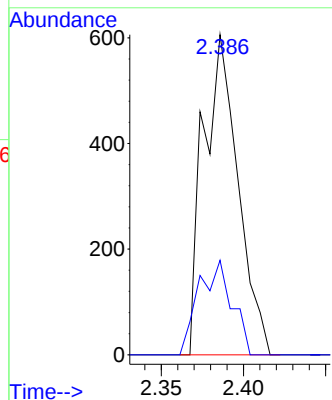
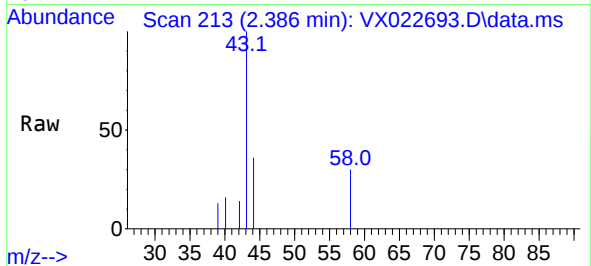




#16
Acetone
Concen: 1.731 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

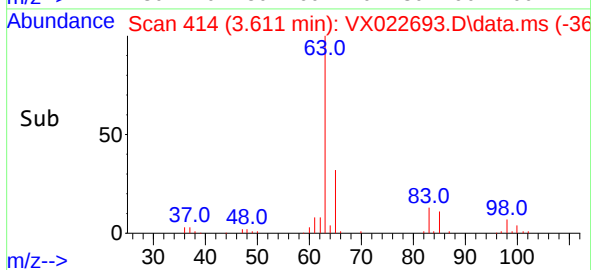
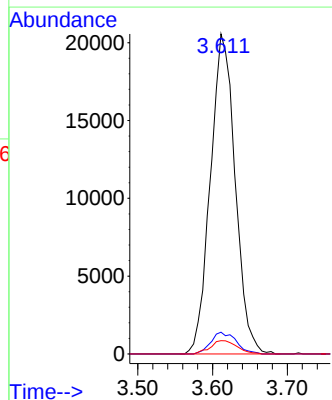
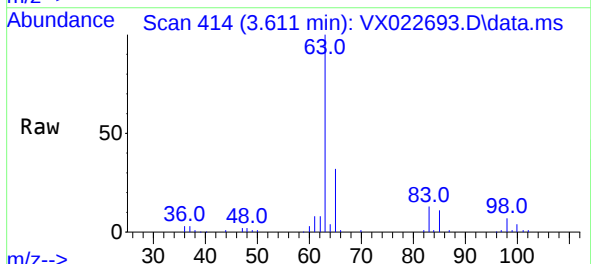
Instrument :
MSVOA_X
ClientSampleId :
PRODUCT02-NMW-PS-D3

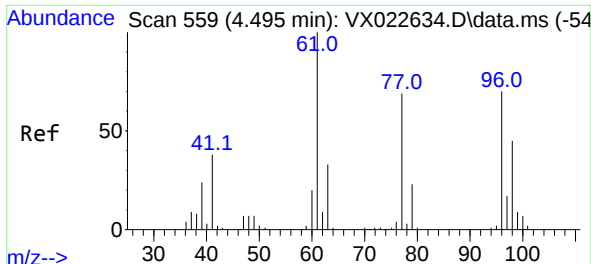
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#24
1,1-Dichloroethane
Concen: 27.721 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

Tgt Ion: 63 Resp: 47482
Ion Ratio Lower Upper
63 100
98 6.8 3.8 11.2
100 4.2 2.5 7.5



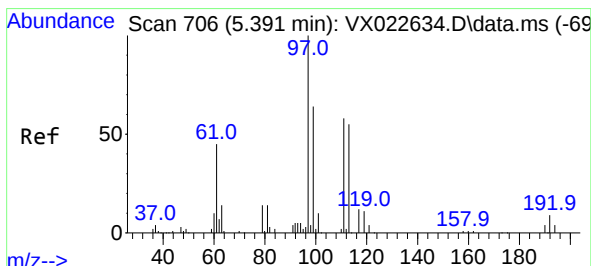
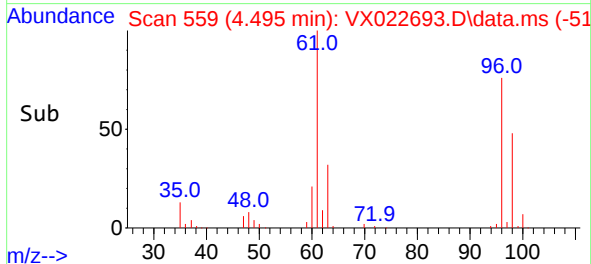
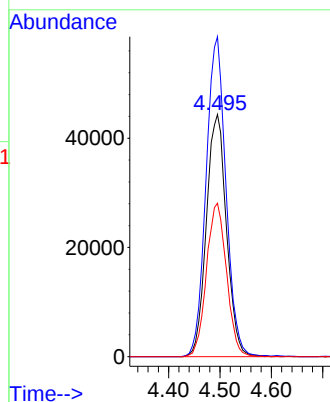
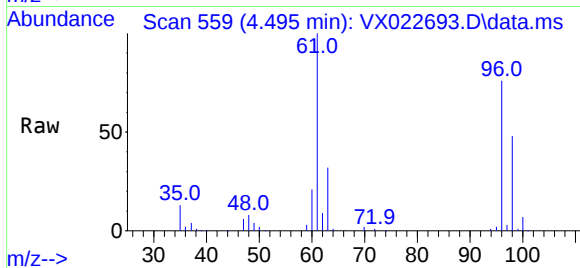


#27
 cis-1,2-Dichloroethene
 Concen: 115.662 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX022693.D
 Acq: 14 Jun 2021 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PRODUCT02-NMW-PS-D3

Tgt Ion: 96 Resp: 120470

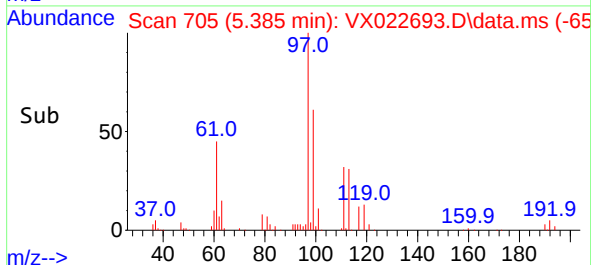
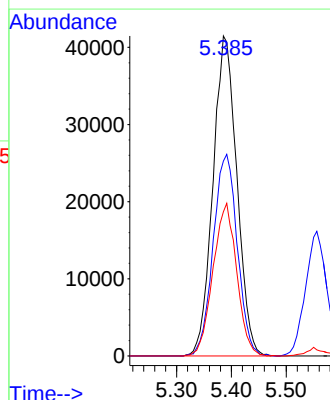
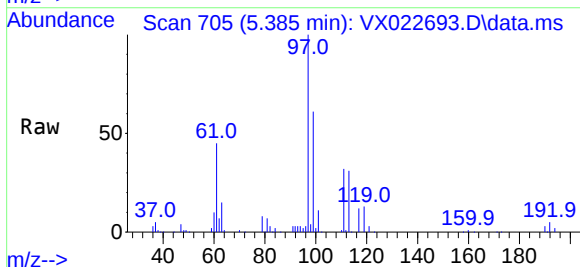
Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	285.6
98	63.2	0.0	129.6

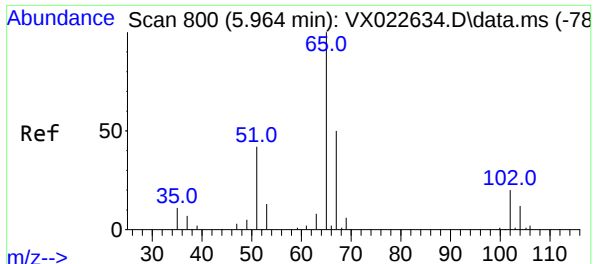


#32
 1,1,1-Trichloroethane
 Concen: 86.084 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX022693.D
 Acq: 14 Jun 2021 15:05

Tgt Ion: 97 Resp: 125726

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	47.3	34.2	51.4

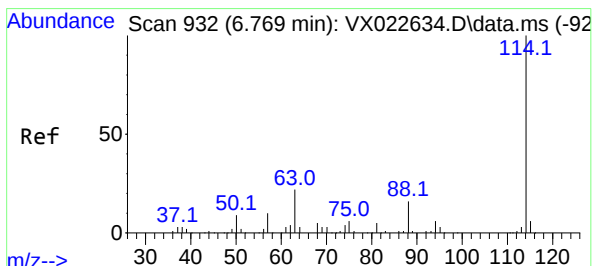
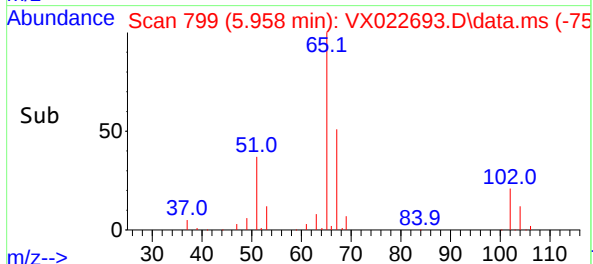
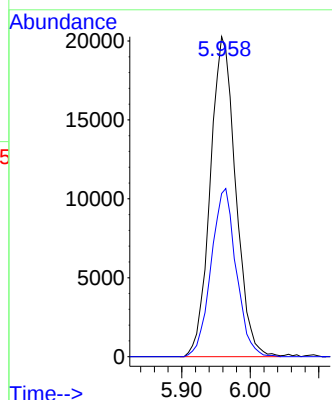
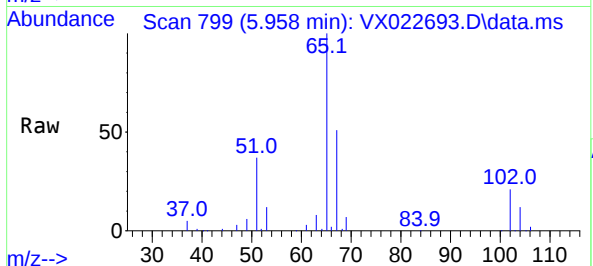




#33
1,2-Dichloroethane-d4
Concen: 45.744 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

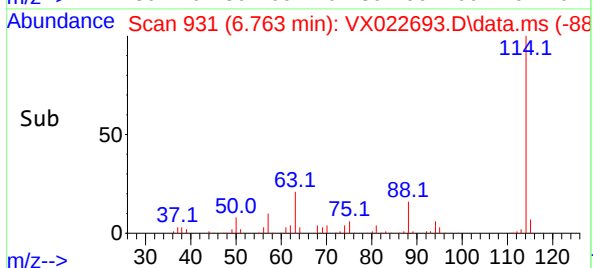
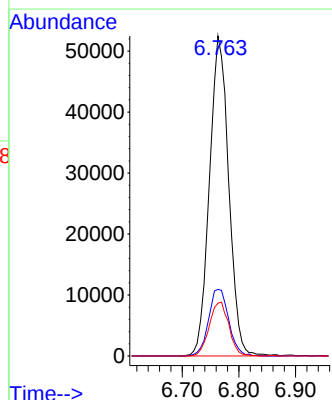
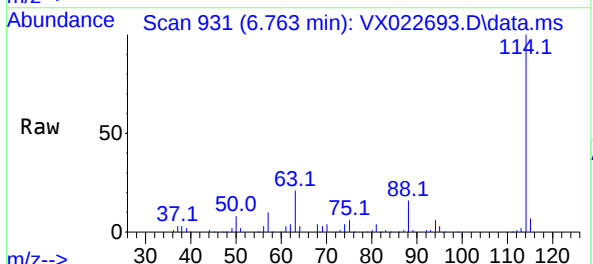
Instrument :
MSVOA_X
ClientSampleId :
PRODUCT02-NMW-PS-D3

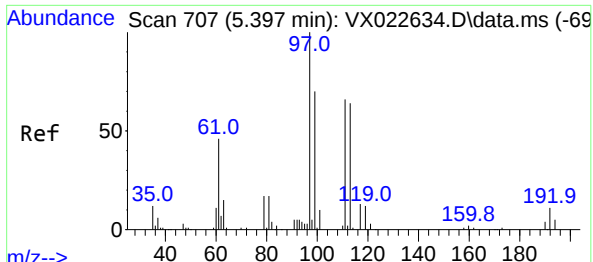
Tgt Ion: 65 Resp: 52278
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

Tgt Ion: 114 Resp: 123711
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.4 0.0 32.8

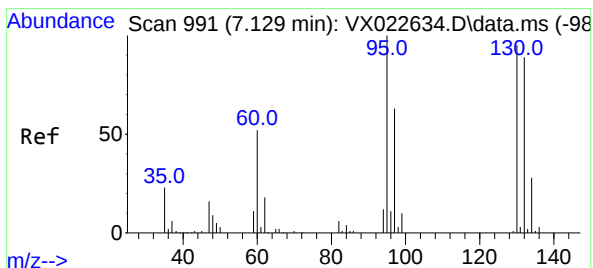
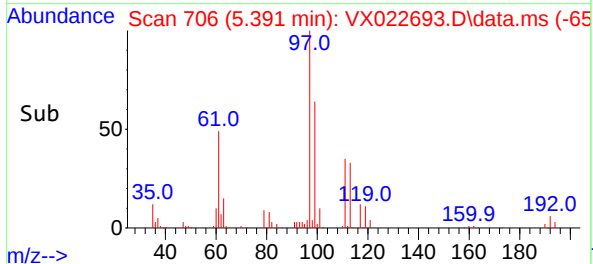
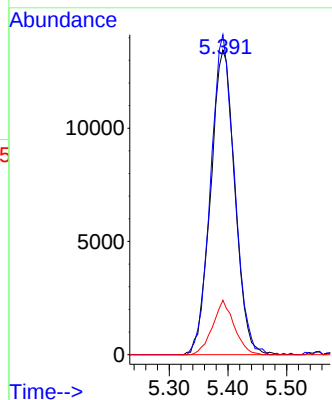
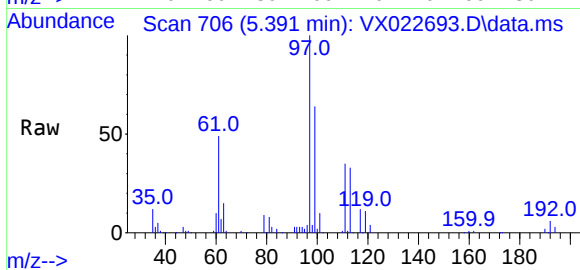




#35
Dibromofluoromethane
Concen: 48.729 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

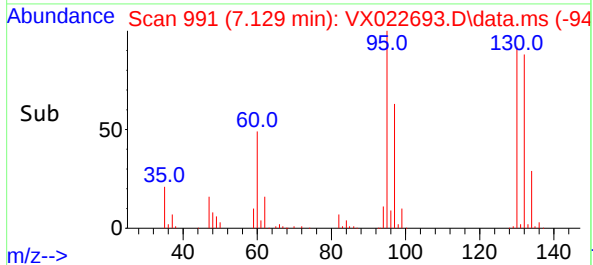
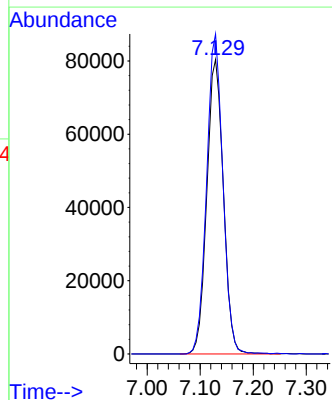
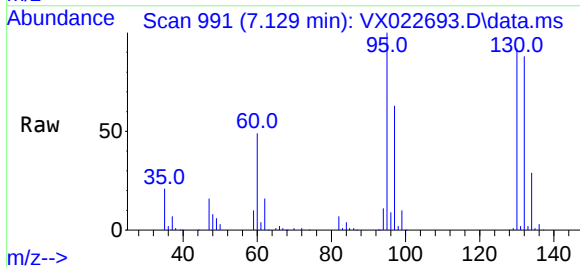
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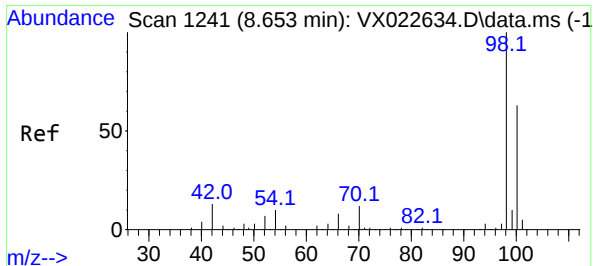
Tgt Ion:113 Resp: 38462
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 15.9 16.7 25.1#



#44
Trichloroethene
Concen: 202.297 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

Tgt Ion:130 Resp: 174152
Ion Ratio Lower Upper
130 100
95 108.7 0.0 198.0





#50

Toluene-d8

Concen: 49.677 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022693.D

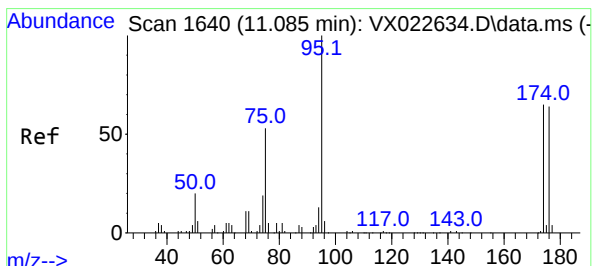
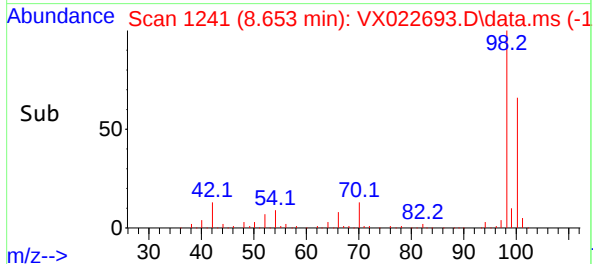
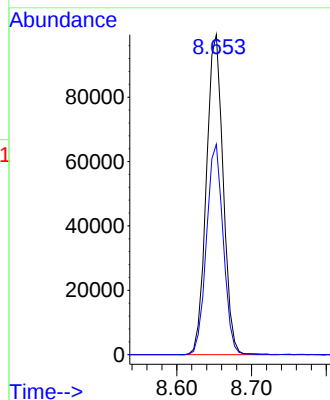
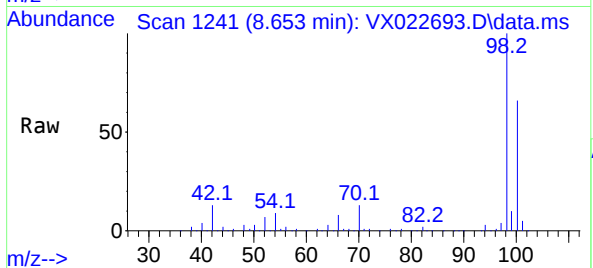
Acq: 14 Jun 2021 15:05

Tgt Ion: 98 Resp: 154570

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.609 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022693.D

Acq: 14 Jun 2021 15:05

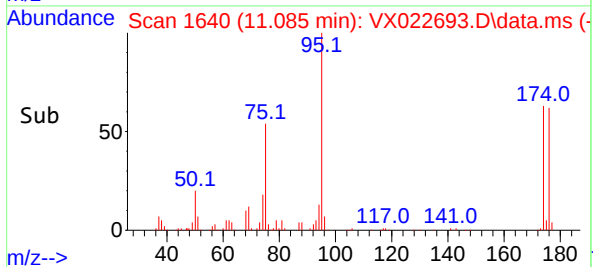
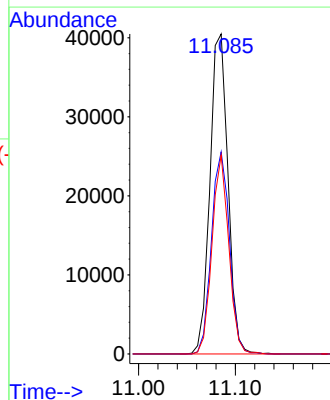
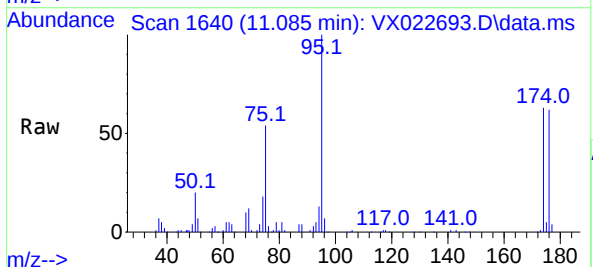
Tgt Ion: 95 Resp: 52494

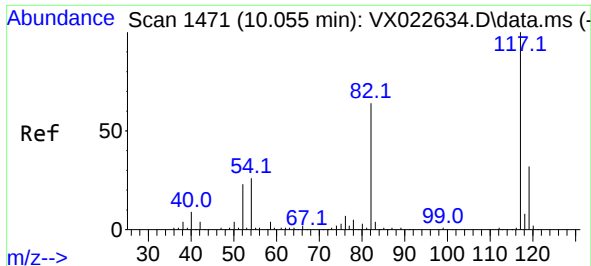
Ion Ratio Lower Upper

95 100

174 63.1 0.0 154.6

176 57.7 0.0 155.8

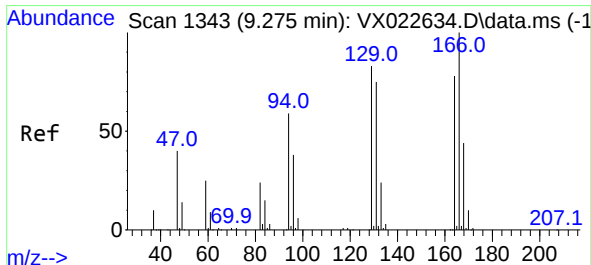
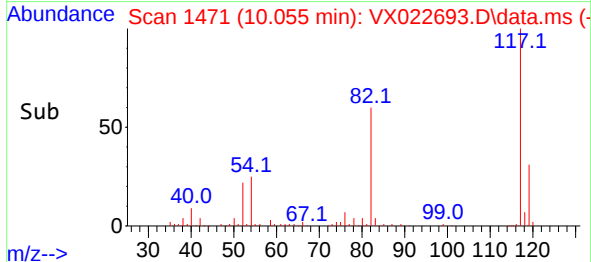
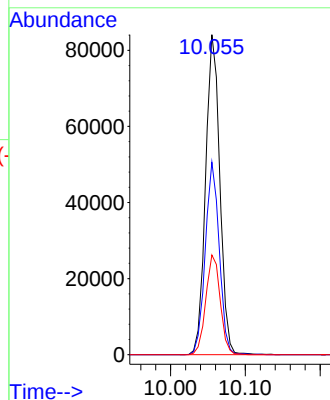
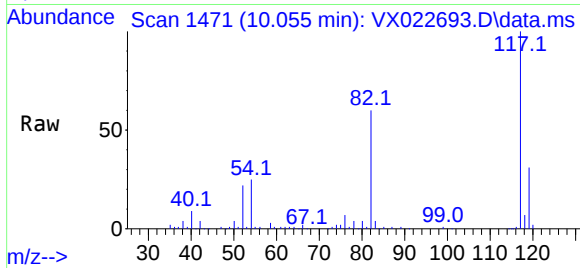




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

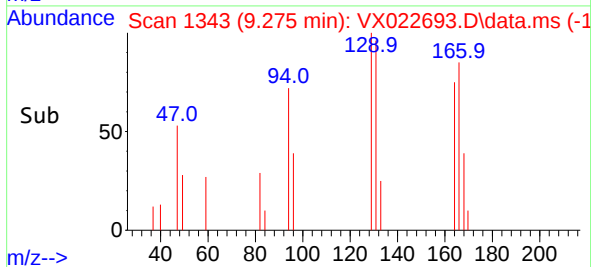
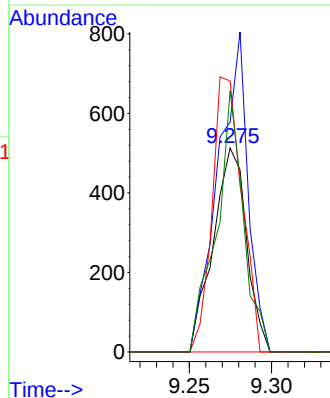
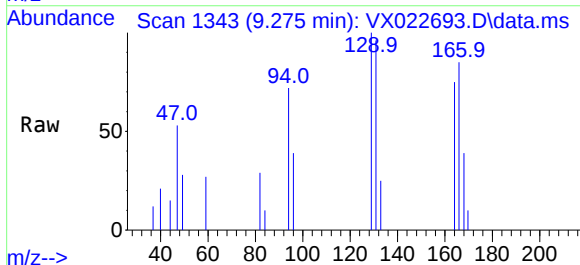
Instrument :
MSVOA_X
ClientSampleId :
PRODUCT02-NMW-PS-D3

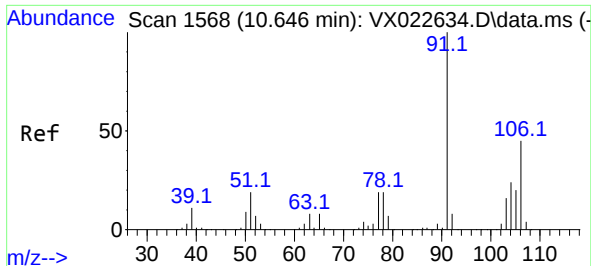
Tgt Ion:117 Resp: 111290
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 31.2 26.6 39.8



#64
Tetrachloroethene
Concen: 1.029 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

Tgt Ion:164 Resp: 724
Ion Ratio Lower Upper
164 100
166 112.9 103.4 155.2
129 132.9 70.8 106.2#
131 128.1 72.5 108.7#

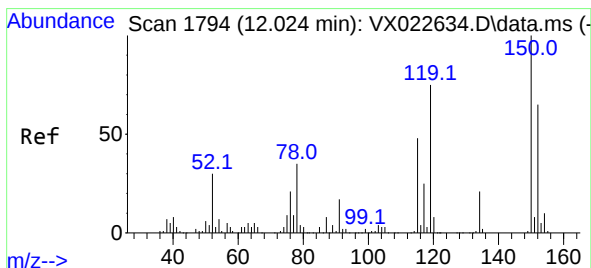
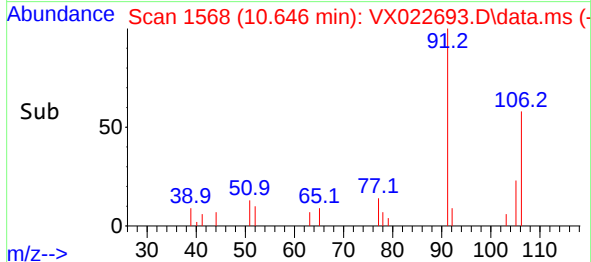
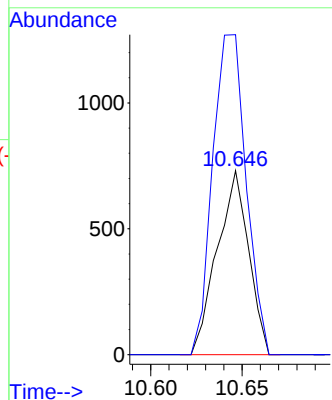
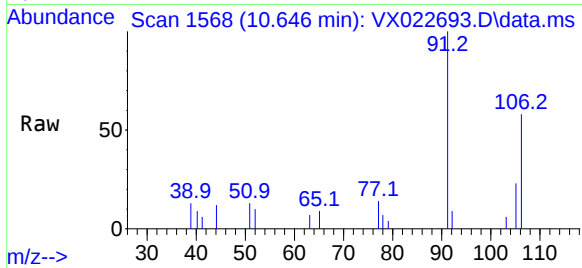




#69
o-Xylene
Concen: 0.584 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

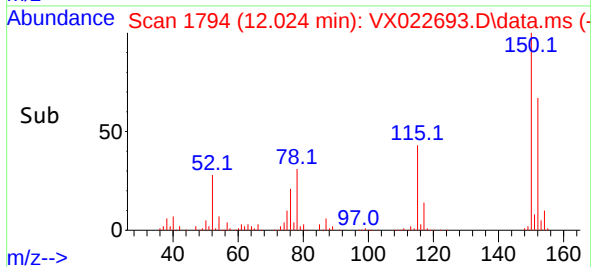
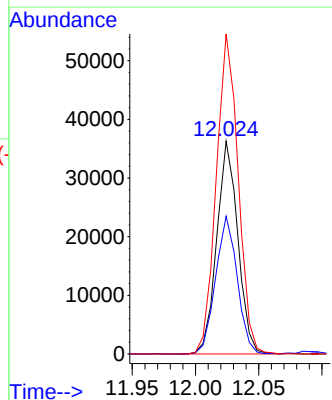
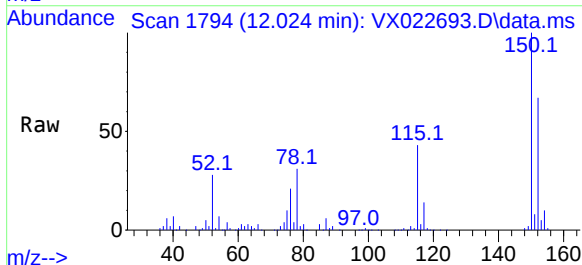
Instrument :
MSVOA_X
ClientSampleId :
PRODUCT02-NMW-PS-D3

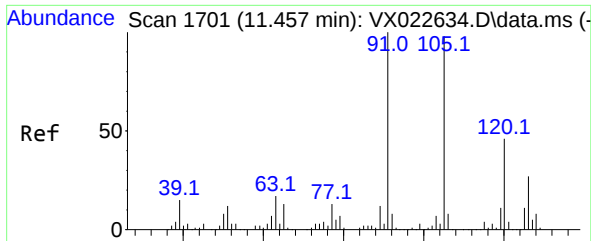
Tgt Ion:106 Resp: 875
Ion Ratio Lower Upper
106 100
91 185.3 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022693.D
Acq: 14 Jun 2021 15:05

Tgt Ion:152 Resp: 41980
Ion Ratio Lower Upper
152 100
115 66.5 41.1 123.3
150 156.3 0.0 349.0





#80
 1,3,5-Trimethylbenzene
 Concen: 0.962 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.006 min
 Lab File: VX022693.D
 Acq: 14 Jun 2021 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PRODUCT02-NMW-PS-D3

Tgt Ion:	105	Resp:	2761
Ion	Ratio	Lower	Upper
105	100		
120	49.6	23.8	71.5

