

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031717.D
 Acq On : 28 Sep 2022 11:14
 Operator : JC/MD
 Sample : VX0928MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928MBL01

Quant Time: Sep 29 04:29:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

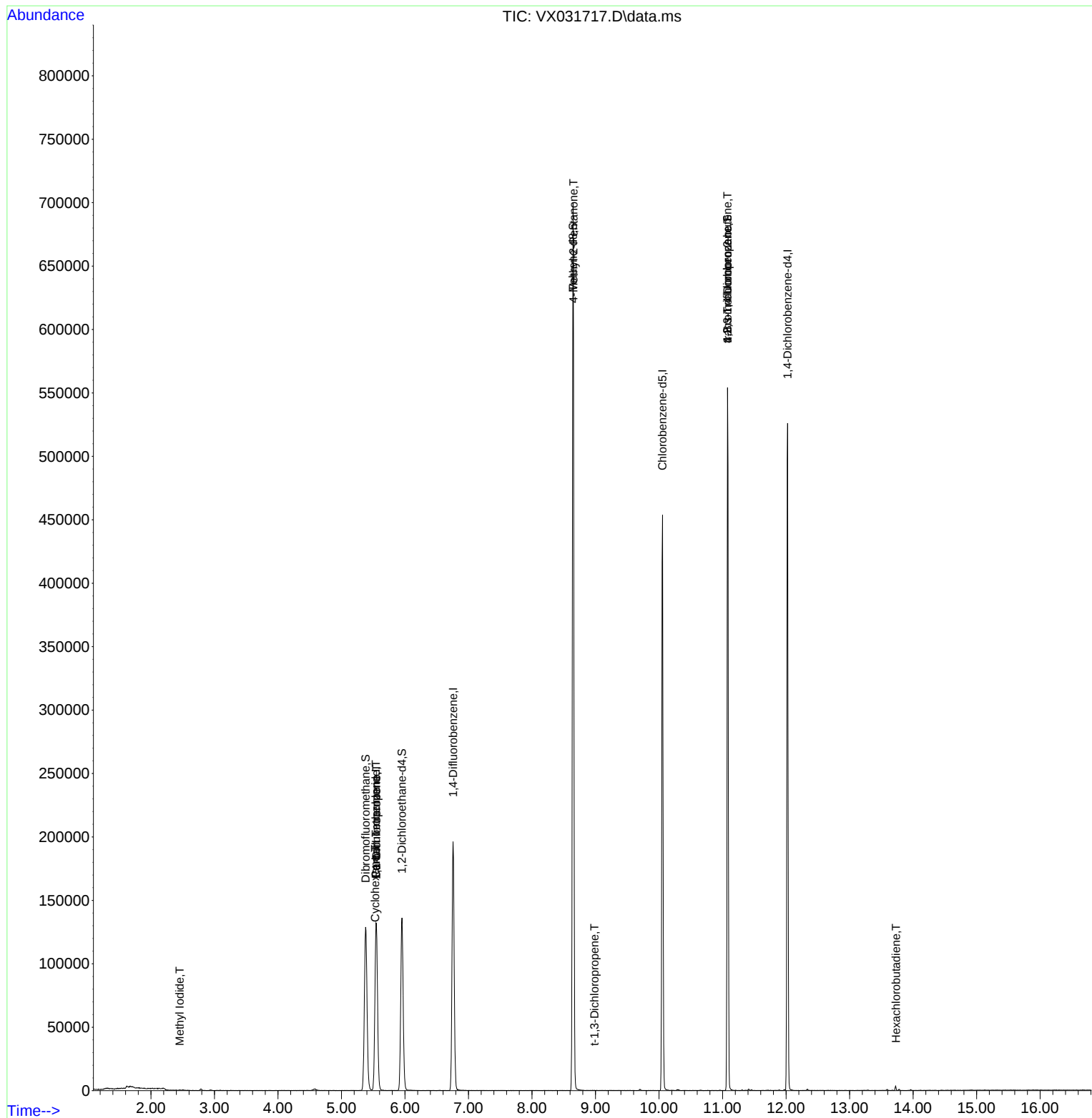
Internal Standards						
1) Pentafluorobenzene	5.544	168	126899	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	206225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	131055	48.659	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.320%
35) Dibromofluoromethane	5.379	113	110577	45.001	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.000%
50) Toluene-d8	8.647	98	414009	46.474	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.940%
62) 4-Bromofluorobenzene	11.079	95	141130	43.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	192	Below Cal	#	41
5) Bromomethane	1.618	94	571	Below Cal		82
6) Chloroethane	1.697	64	53	Below Cal	#	43
10) Methyl Iodide	2.453	142	431	0.261 ug/l	#	72
11) Tert butyl alcohol	2.934	59	195	Below Cal	#	73
16) Acetone	2.416	43	265	Below Cal	#	45
17) Carbon Disulfide	2.508	76	473	Below Cal	#	75
20) Methylene Chloride	2.782	84	644	Below Cal	#	67
31) Cyclohexane	5.532	56	1449	0.566 ug/l	#	42
36) 1,1-Dichloropropene	5.550	75	10017	3.550 ug/l	#	52
38) Carbon Tetrachloride	5.544	117	13358	4.200 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.653	43	1679	0.592 ug/l	#	1
53) t-1,3-Dichloropropene	8.982	75	50	1.898 ug/l	#	44
76) 1,2,3-Trichloropropane	11.079	75	75116	38.591 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	11.079	75	75116	126.327 ug/l	#	11
94) Hexachlorobutadiene	13.731	225	676	0.865 ug/l		80

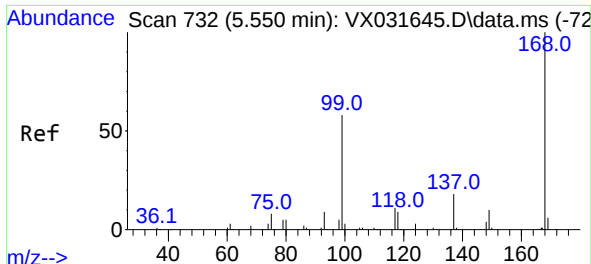
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SW846 8260
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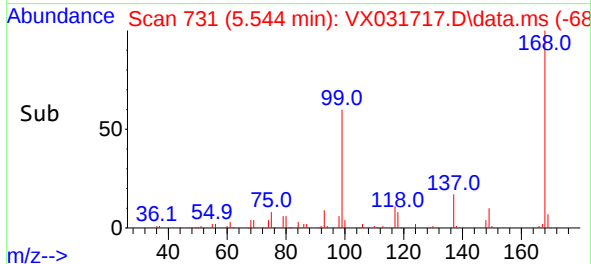
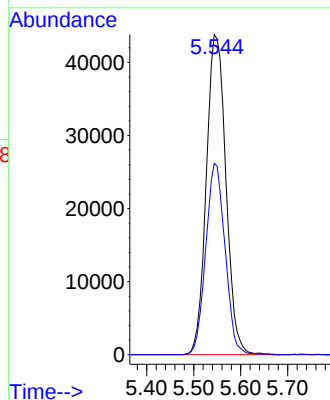
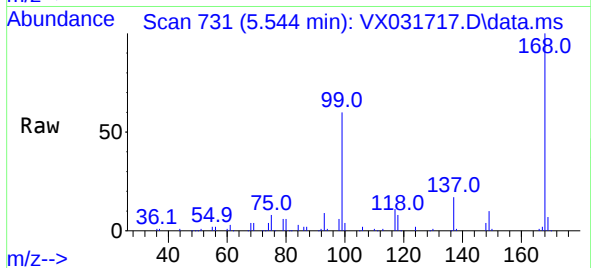




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

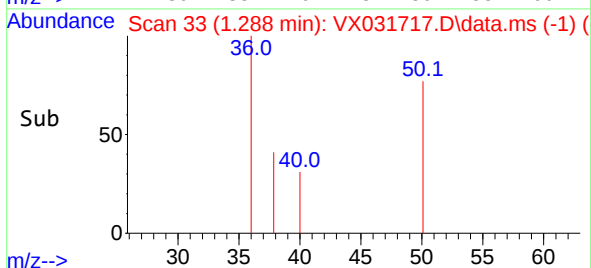
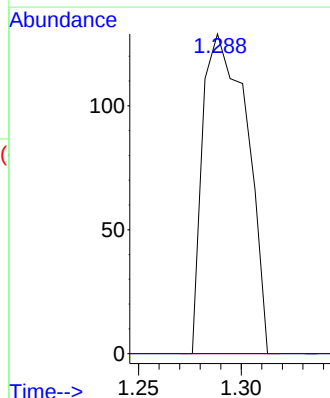
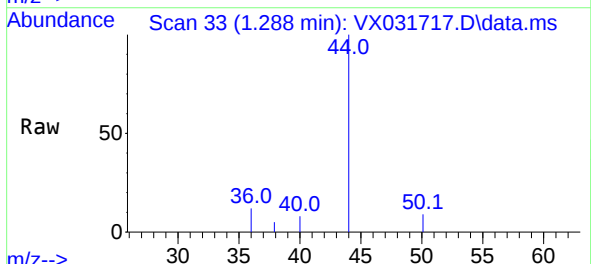
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

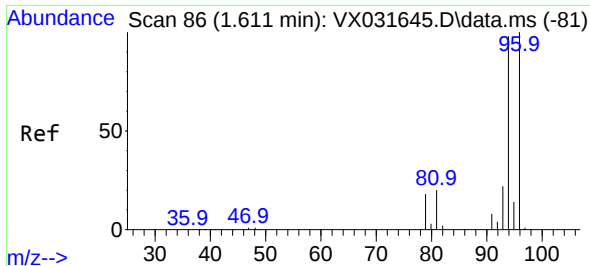
Tgt Ion:168 Resp: 126899
Ion Ratio Lower Upper
168 100
99 59.8 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 50 Resp: 192
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

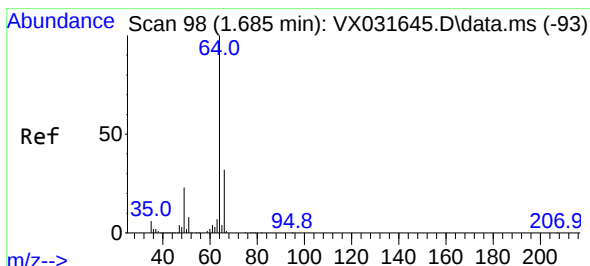
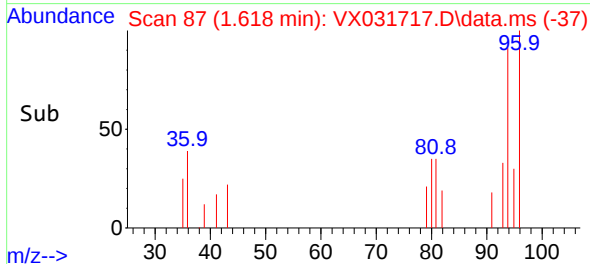
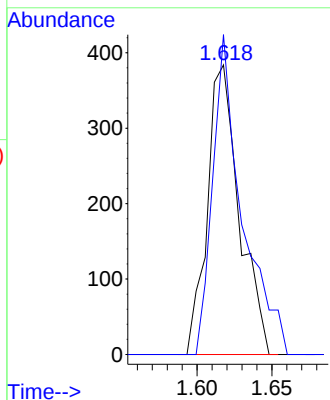
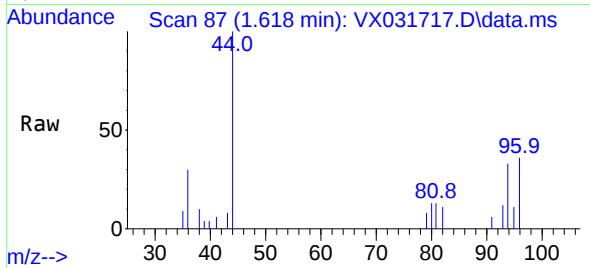




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

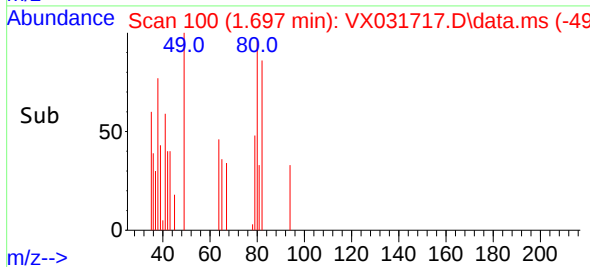
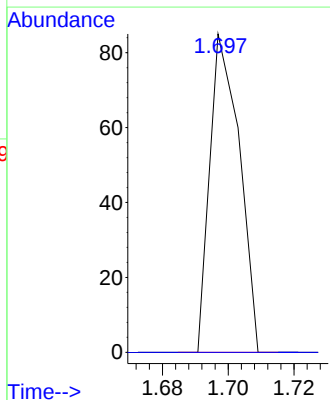
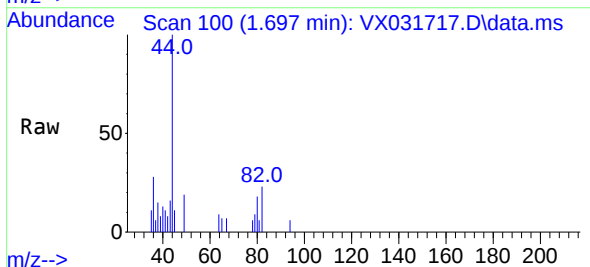
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

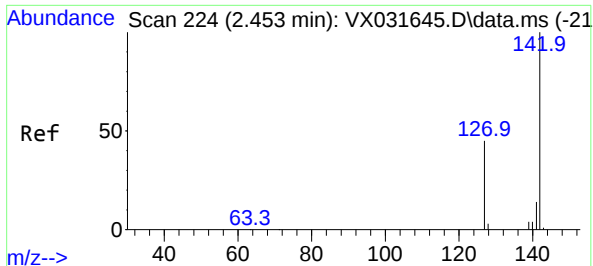
Tgt Ion: 94 Resp: 571
Ion Ratio Lower Upper
94 100
96 110.4 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 64 Resp: 53
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

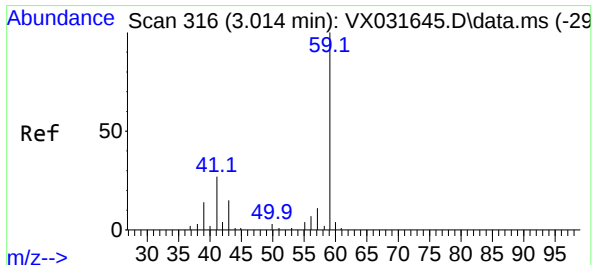
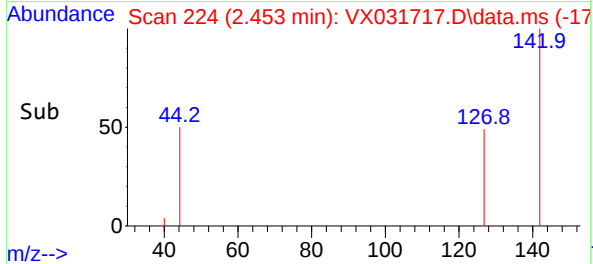
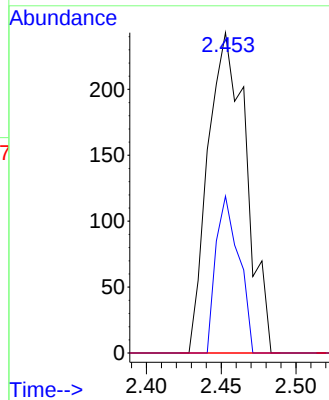
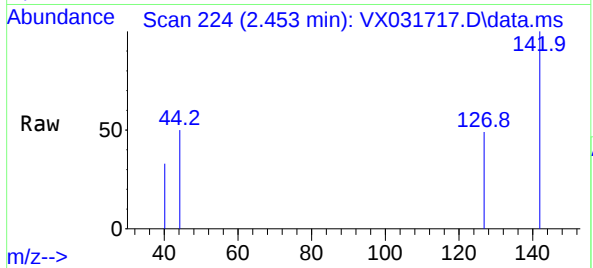




#10
Methyl Iodide
Concen: 0.261 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

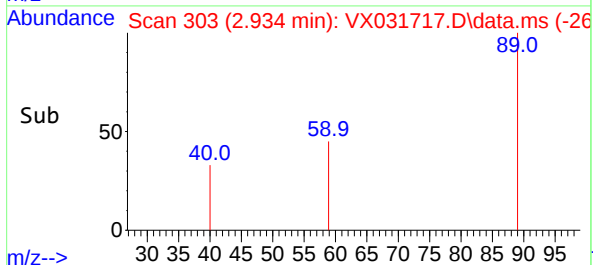
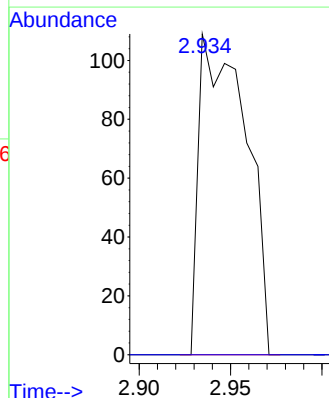
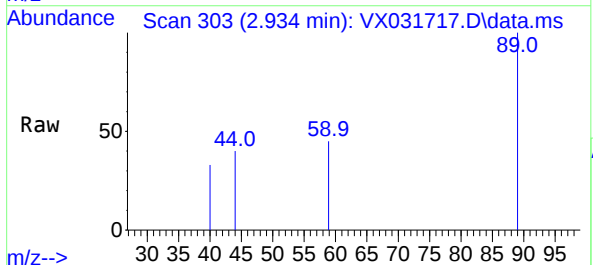
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

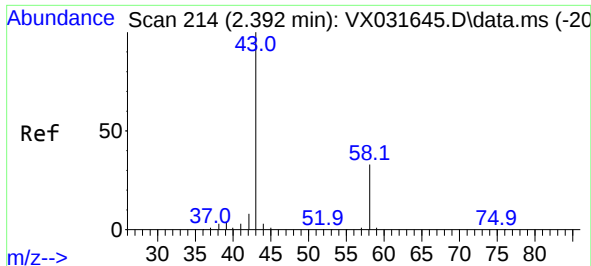
Tgt Ion:	142	Resp:	431
Ion	Ratio	Lower	Upper
142	100		
127	29.7	37.4	56.0#
141	0.0	11.6	17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.055 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion:	59	Resp:	195
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

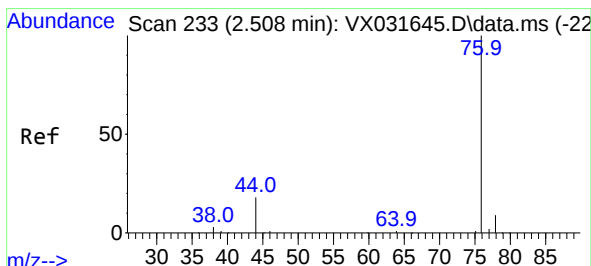
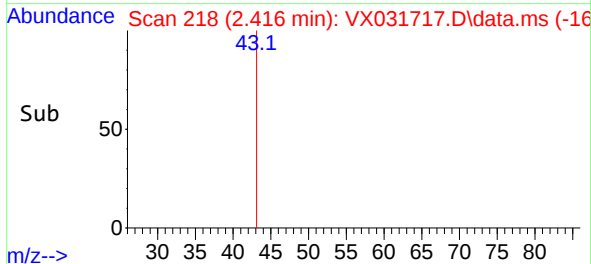
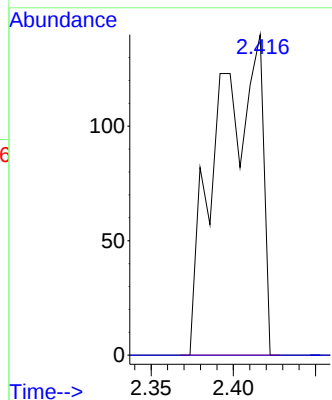
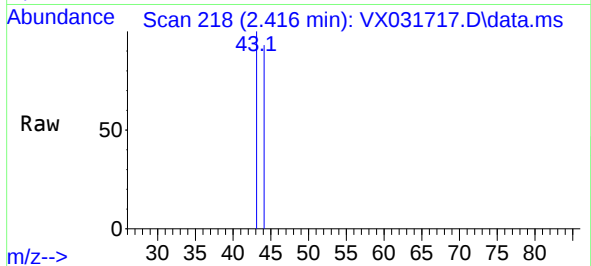




#16
Acetone
Concen: Below Cal
RT: 2.416 min Scan# 214
Delta R.T. 0.030 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

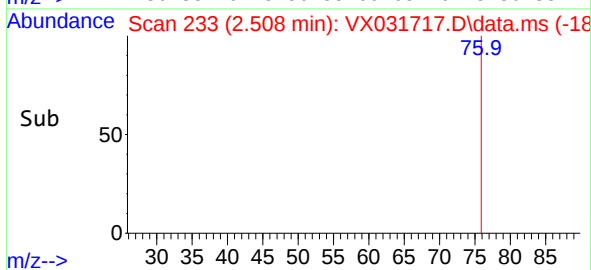
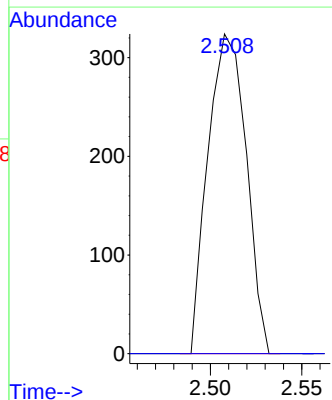
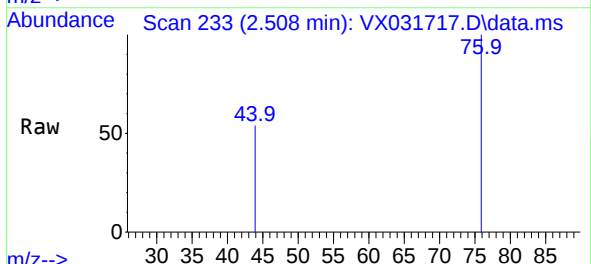
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

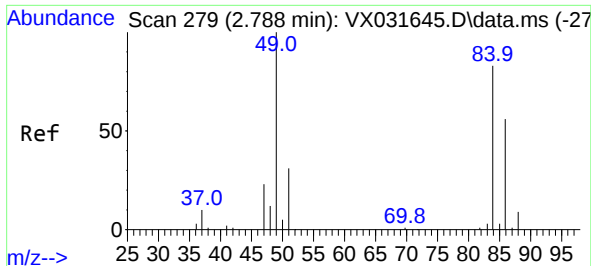
Tgt Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 76 Resp: 473
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

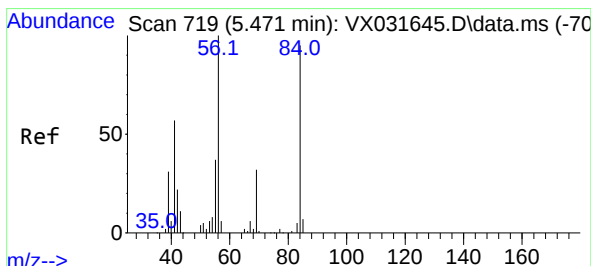
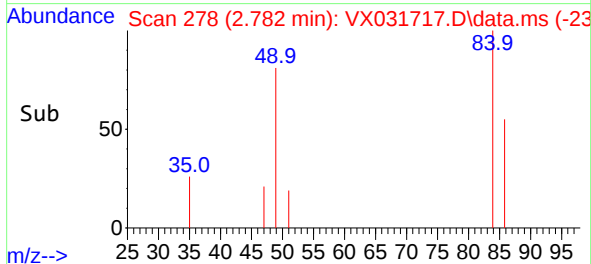
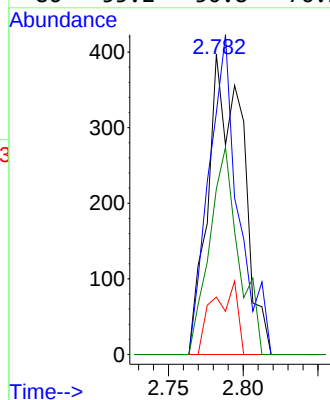
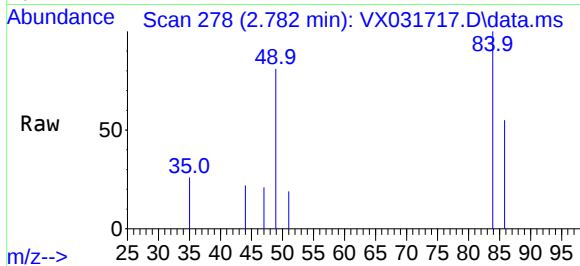




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

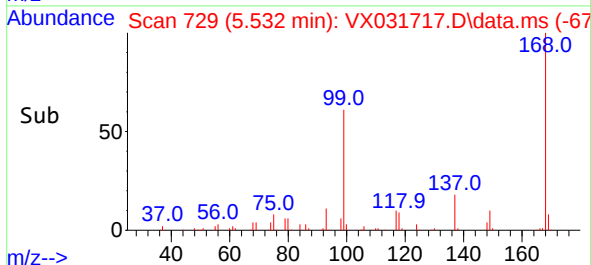
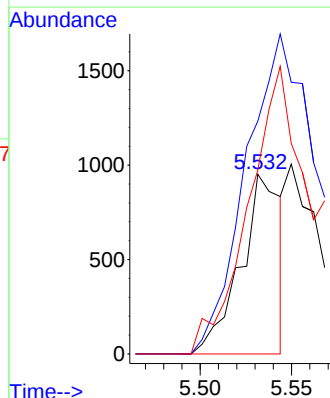
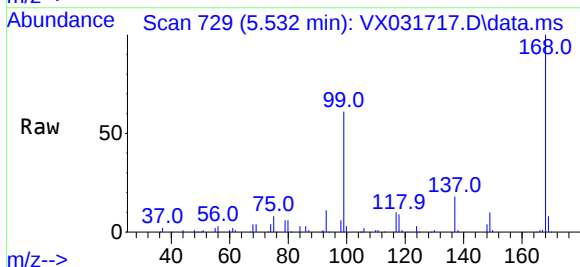
Instrument :
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ClientSampleId :
VX0928MBL01

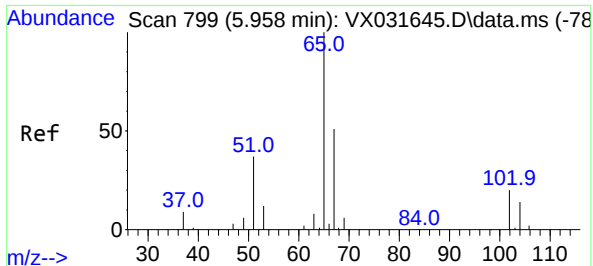
Tgt Ion: 84	Resp: 644
Ion Ratio	Lower Upper
84 100	
49 80.6	105.9 158.9#
51 19.1	32.2 48.2#
86 55.2	50.8 76.2



#31
Cyclohexane
Concen: 0.566 ug/l
RT: 5.532 min Scan# 729
Delta R.T. 0.061 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 56	Resp: 1449		
Ion Ratio	Lower	Upper	
56	100		
69	129.5	25.1	37.7#
84	102.3	70.2	105.4

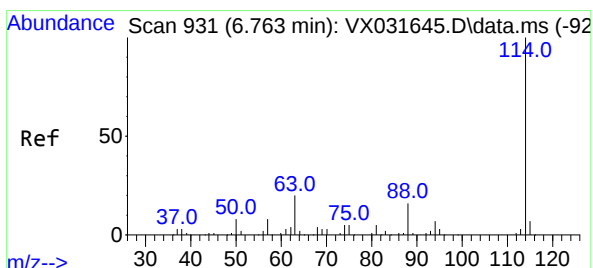
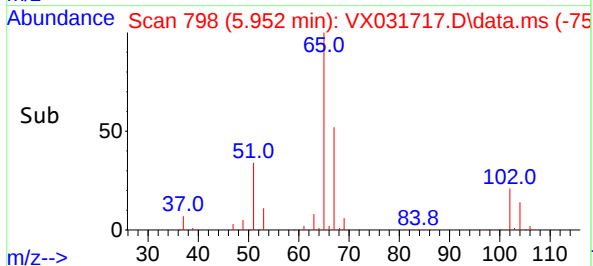
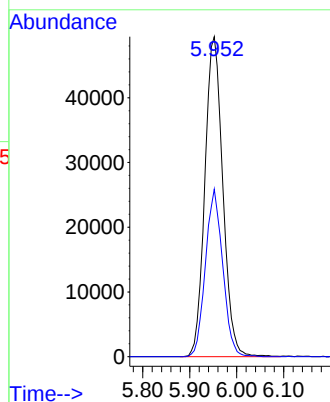
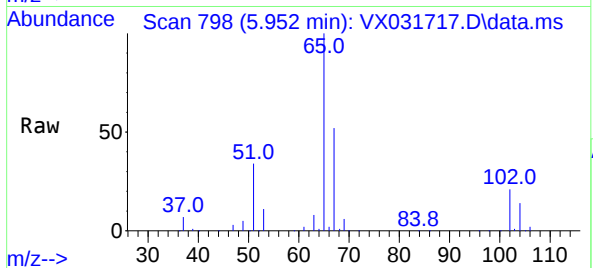




#33
1,2-Dichloroethane-d4
Concen: 48.659 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

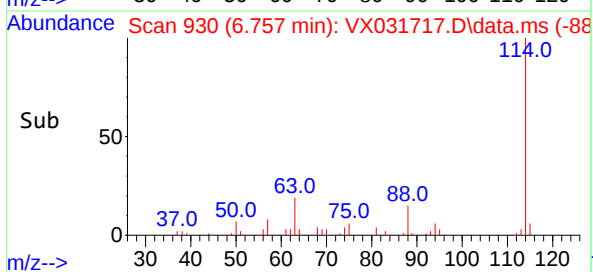
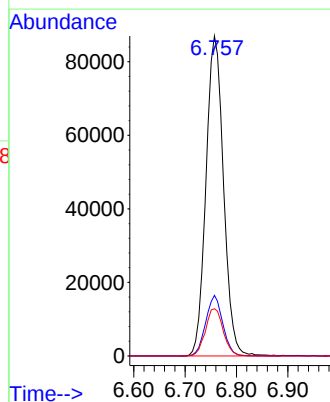
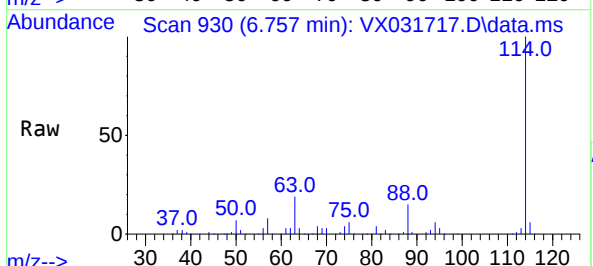
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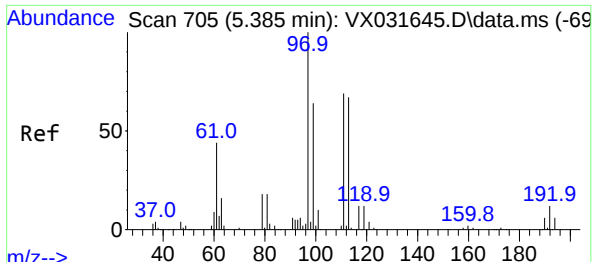
Tgt Ion: 65 Resp: 131055
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 114 Resp: 206225
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.6
88 14.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 45.001 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX031717.D

Acq: 28 Sep 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0928MBL01

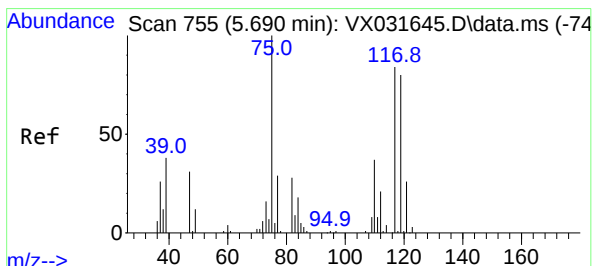
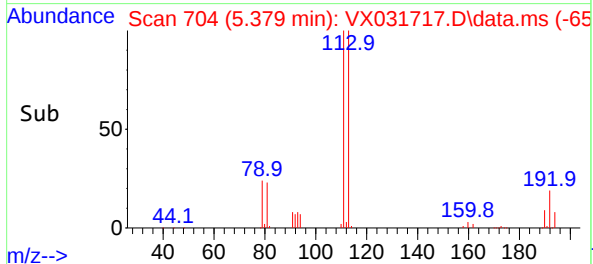
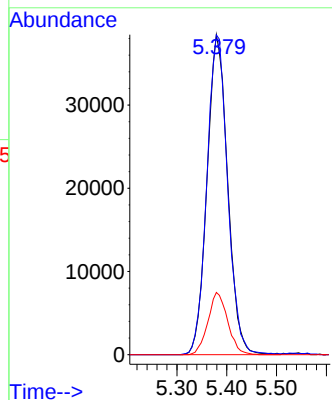
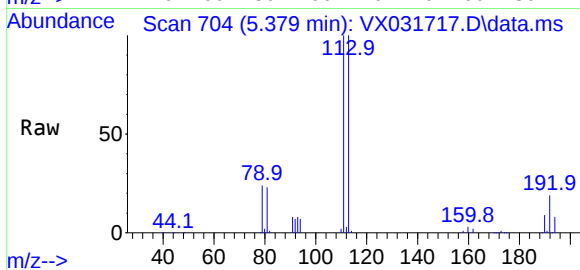
Tgt Ion:113 Resp: 110577

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

192 18.6 14.1 21.1



#36

1,1-Dichloropropene

Concen: 3.550 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031717.D

Acq: 28 Sep 2022 11:14

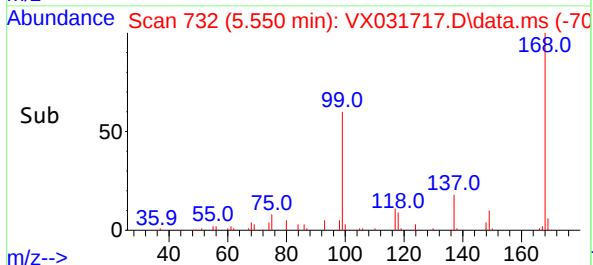
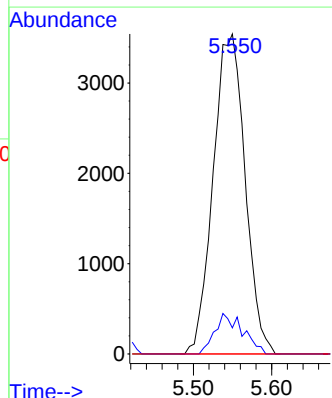
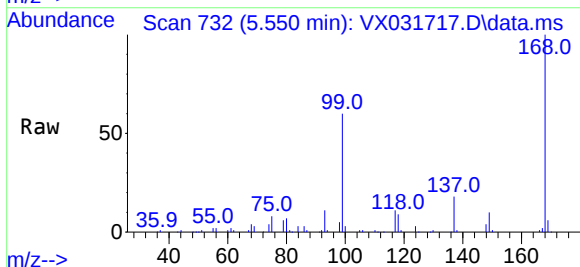
Tgt Ion: 75 Resp: 10017

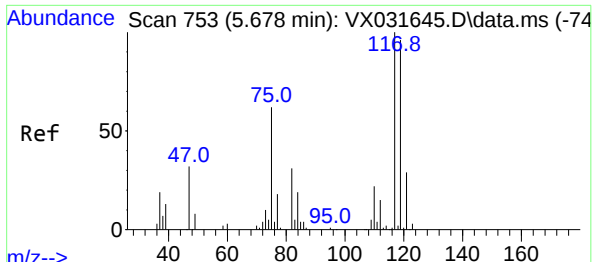
Ion Ratio Lower Upper

75 100

110 11.1 17.5 52.5#

77 0.0 24.9 37.3#

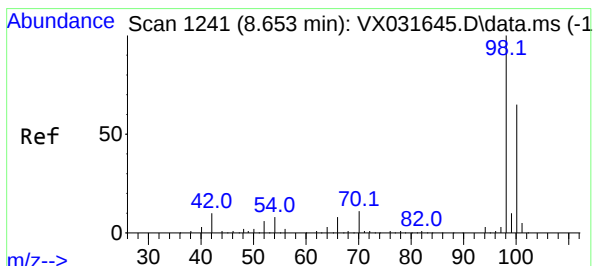
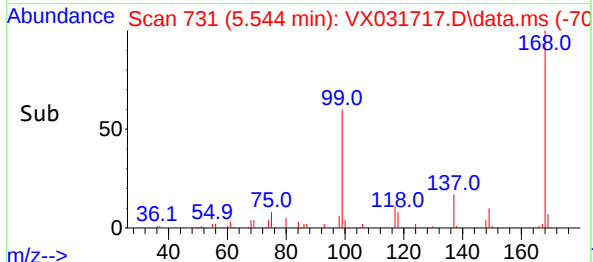
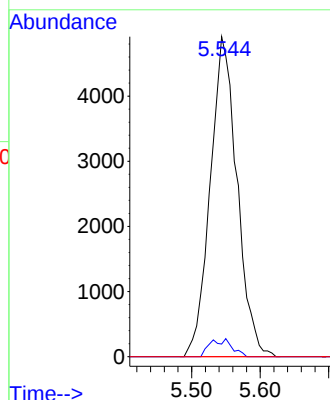
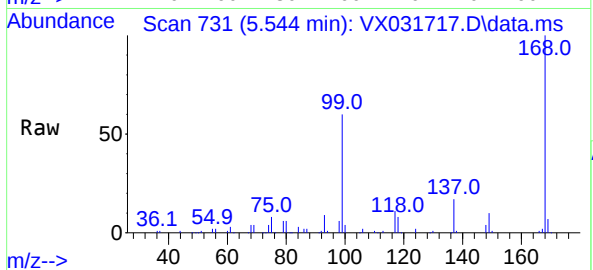




#38
Carbon Tetrachloride
Concen: 4.200 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

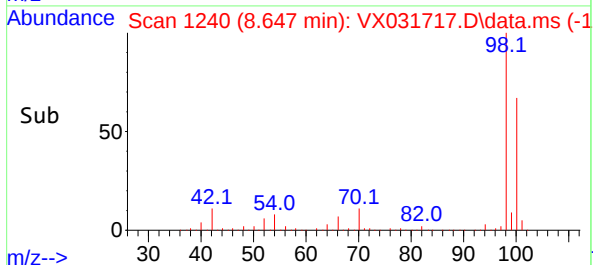
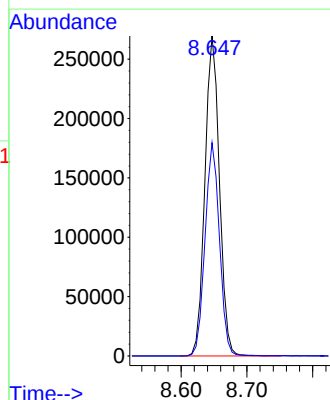
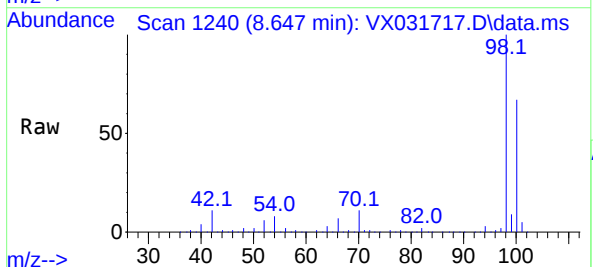
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

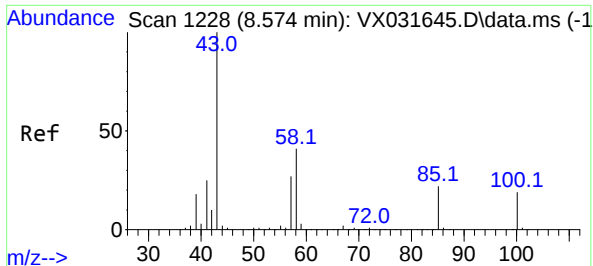
Tgt Ion:117 Resp: 13358
Ion Ratio Lower Upper
117 100
119 4.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 46.474 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 98 Resp: 414009
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

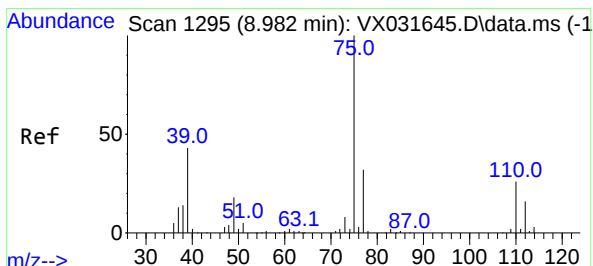
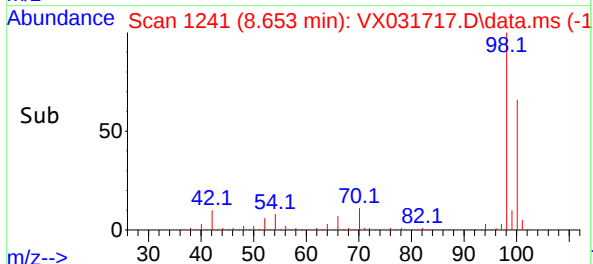
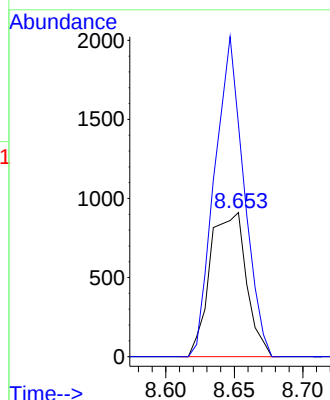
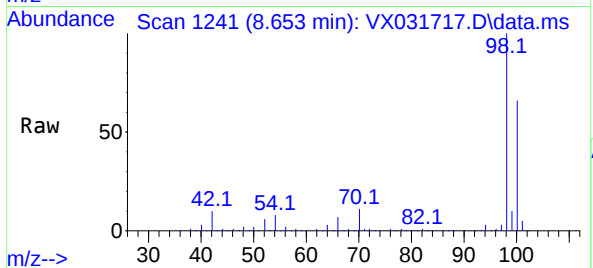




#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

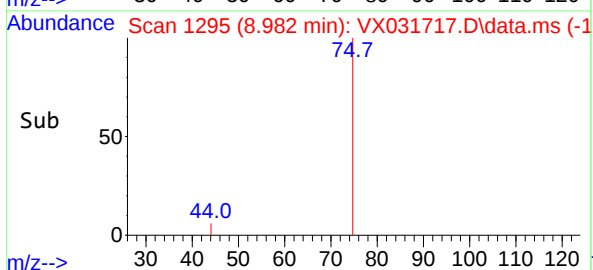
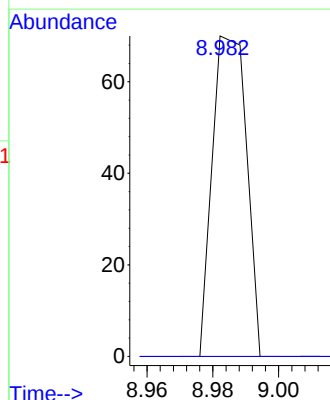
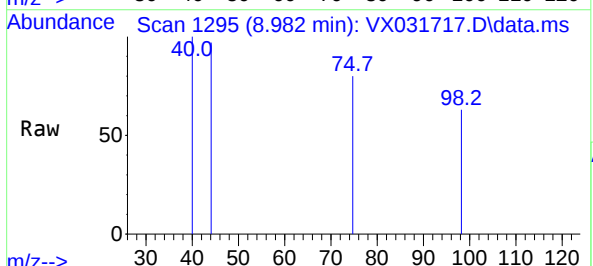
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

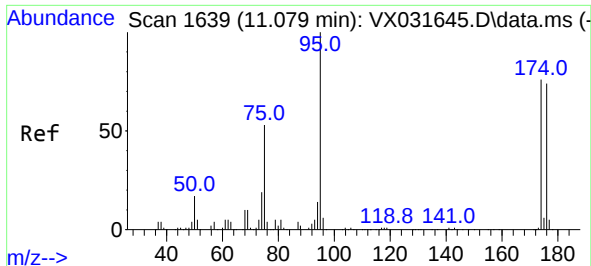
Tgt Ion: 43 Resp: 1679
Ion Ratio Lower Upper
43 100
58 179.5 30.6 46.0#



#53
t-1,3-Dichloropropene
Concen: 1.898 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#

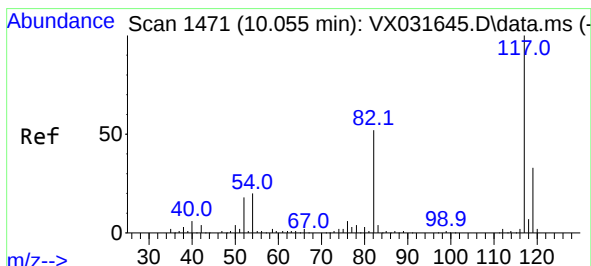
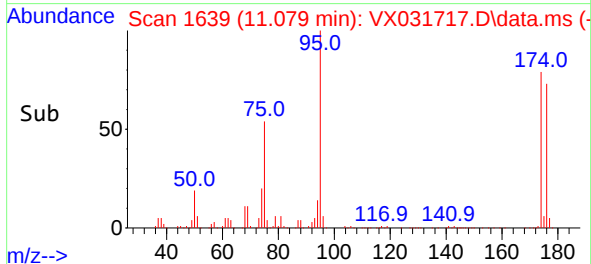
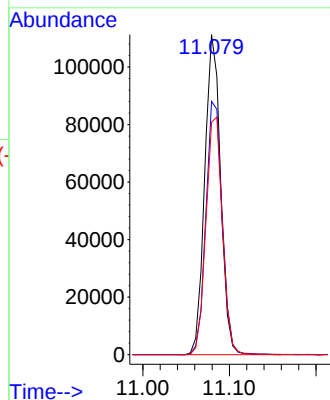
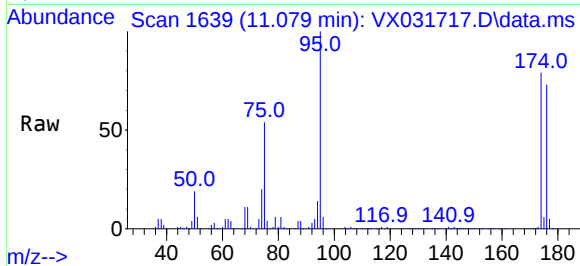




#62
4-Bromofluorobenzene
Concen: 43.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

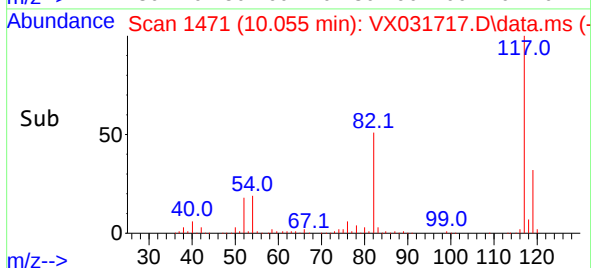
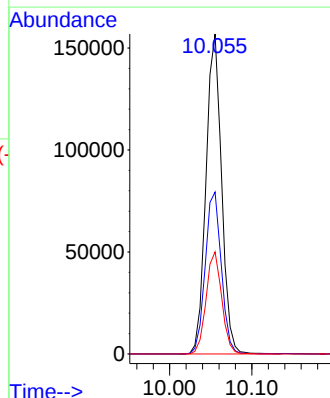
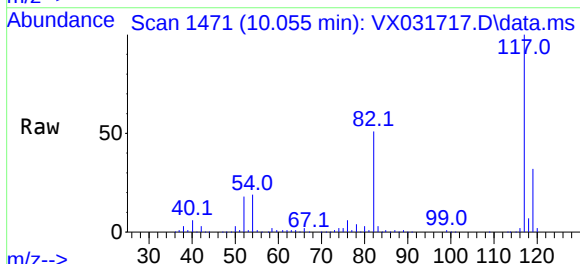
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

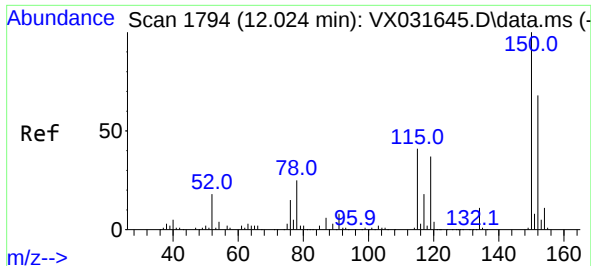
Tgt Ion: 95 Resp: 141130
Ion Ratio Lower Upper
95 100
174 82.0 0.0 153.2
176 77.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 117 Resp: 206629
Ion Ratio Lower Upper
117 100
82 50.6 46.8 70.2
119 31.9 26.4 39.6

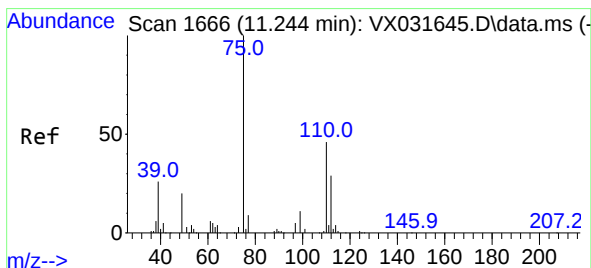
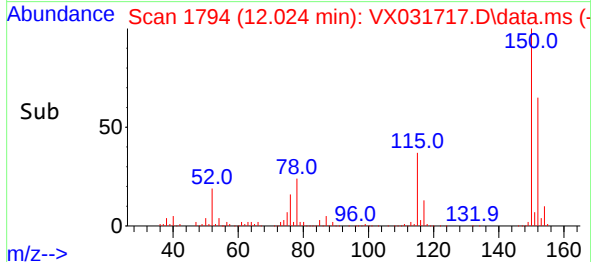
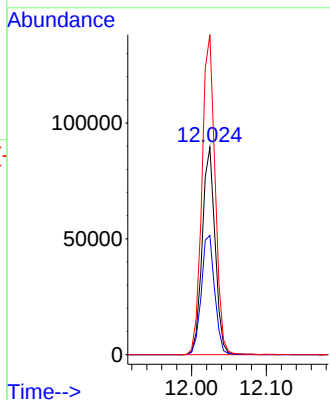
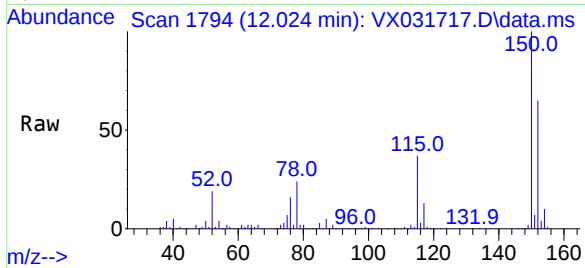




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

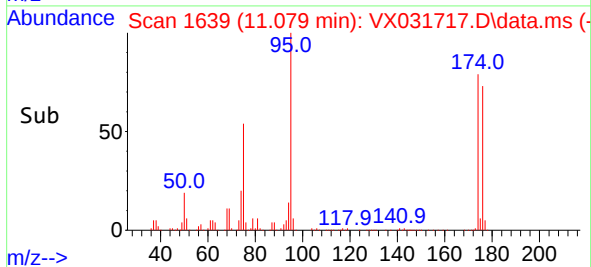
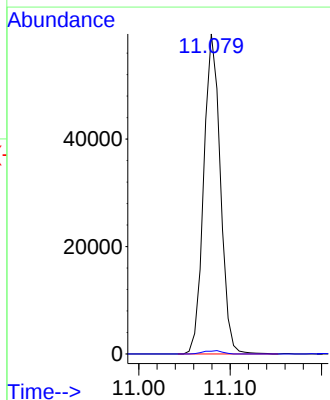
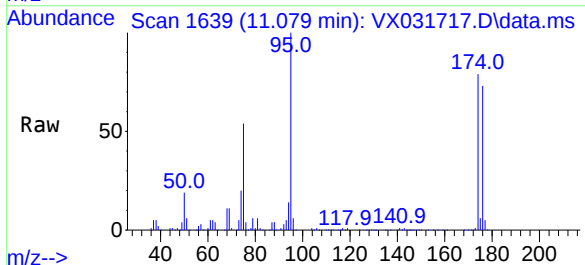
Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

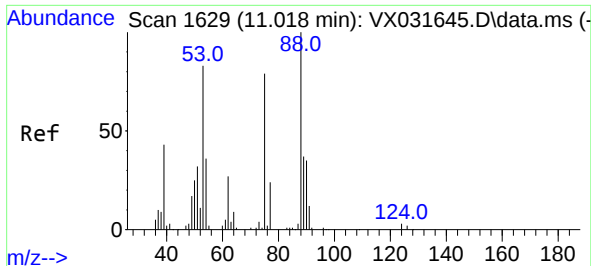
Tgt Ion:152 Resp: 107367
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.1
150 157.3 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 38.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 75 Resp: 75116
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#

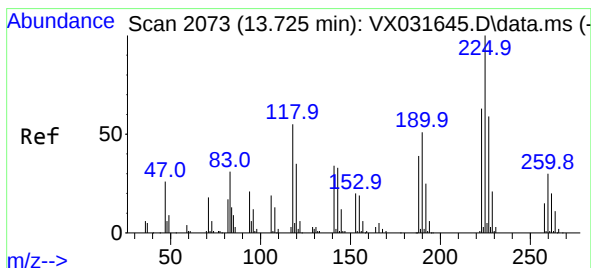
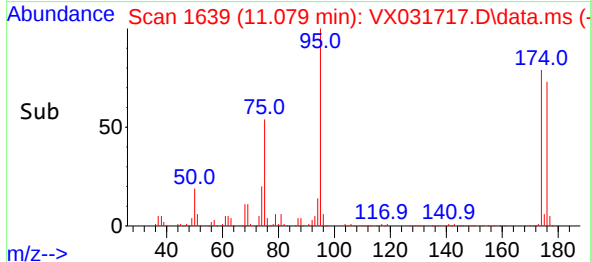
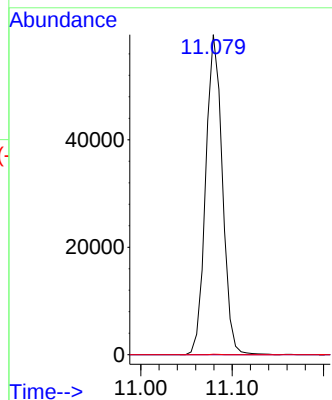
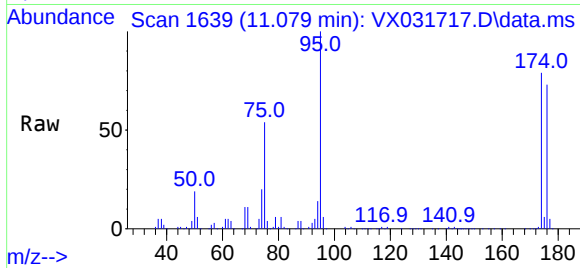




#81
trans-1,4-Dichloro-2-butene
Concen: 126.327 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0928MBL01

Tgt Ion: 75 Resp: 75116
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#



#94
Hexachlorobutadiene
Concen: 0.865 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX031717.D
Acq: 28 Sep 2022 11:14

Tgt Ion: 225 Resp: 676
Ion Ratio Lower Upper
225 100
223 39.1 30.8 92.4
227 56.1 32.3 96.9

