

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022617.D
 Acq On : 09 Jun 2021 16:30
 Operator : JC/MD
 Sample : M2652-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40BR-20210608DL

Quant Time: Jun 10 05:43:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

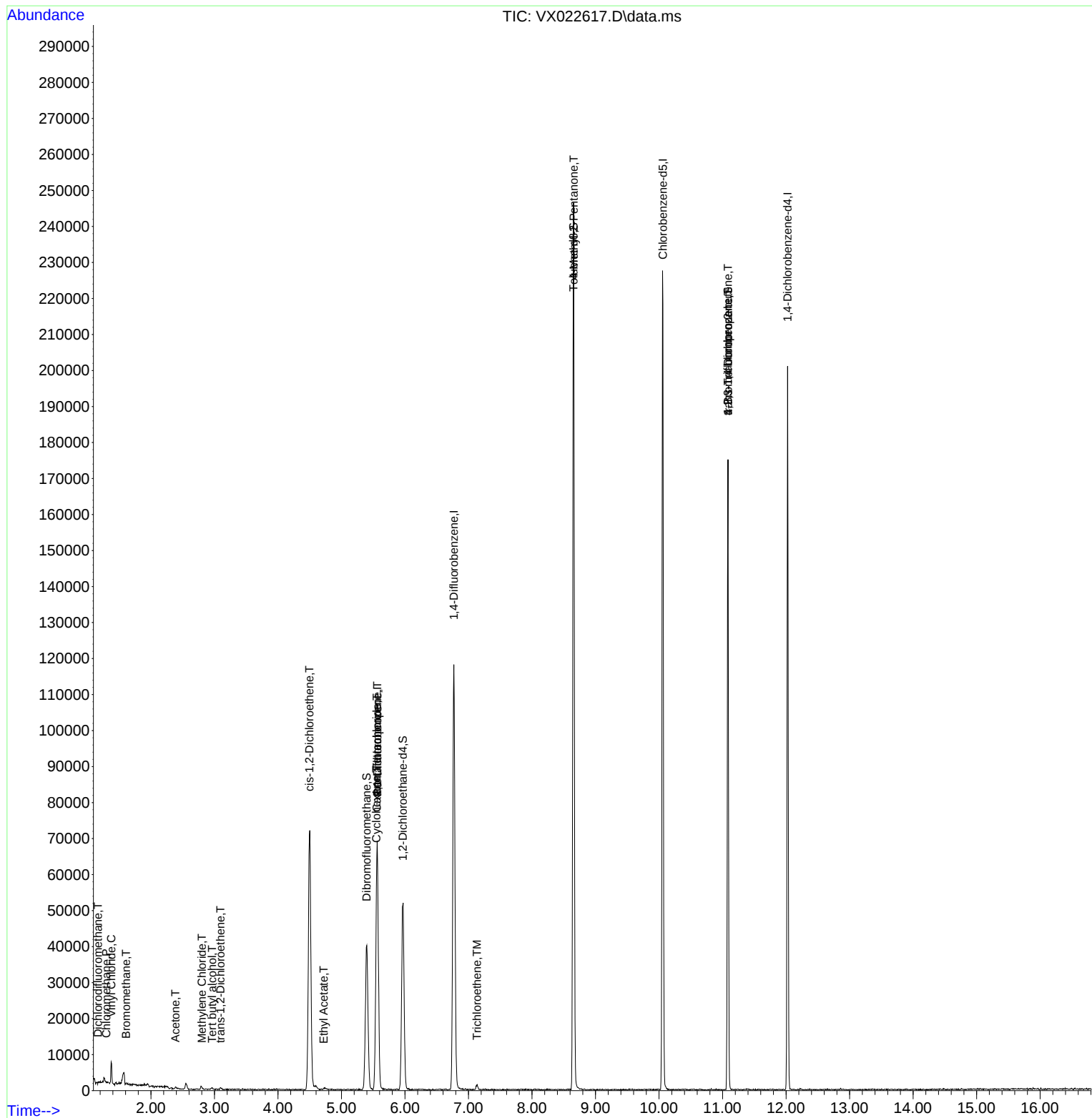
Internal Standards						
1) Pentafluorobenzene	5.562	168	56909	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	114503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	99605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48105	47.55	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.10%		
35) Dibromofluoromethane	5.397	113	34169	47.70	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.40%		
50) Toluene-d8	8.653	98	140827	49.27	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.54%		
62) 4-Bromofluorobenzene	11.085	95	45709	43.02	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.04%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	237	0.36	ug/l	87
3) Chloromethane	1.294	50	186	0.23	ug/l #	42
4) Vinyl Chloride	1.374	62	3843	4.91	ug/l	98
5) Bromomethane	1.605	94	97	0.24	ug/l	84
11) Tert butyl alcohol	2.965	59	279	1.23	ug/l #	73
16) Acetone	2.386	43	668	1.47	ug/l #	80
20) Methylene Chloride	2.800	84	380	0.40	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	223	0.27	ug/l #	70
27) cis-1,2-Dichloroethene	4.495	96	43428	45.51	ug/l	90
31) Cyclohexane	5.550	56	1616	1.35	ug/l #	51
36) 1,1-Dichloropropene	5.562	75	5739	5.18	ug/l #	49
37) Ethyl Acetate	4.721	43	454	0.32	ug/l #	64
38) Carbon Tetrachloride	5.556	117	6596	8.23	ug/l #	16
44) Trichloroethene	7.135	130	597	0.74	ug/l	54
51) 4-Methyl-2-Pentanone	8.659	43	811	0.56	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	24855	26.96	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	24855	66.27	ug/l #	12

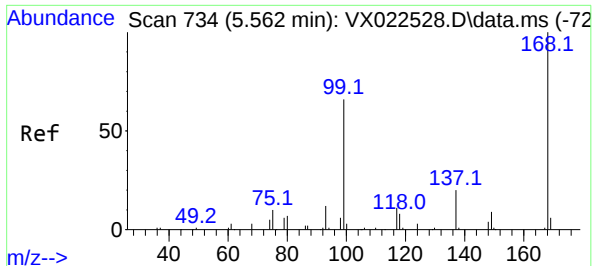
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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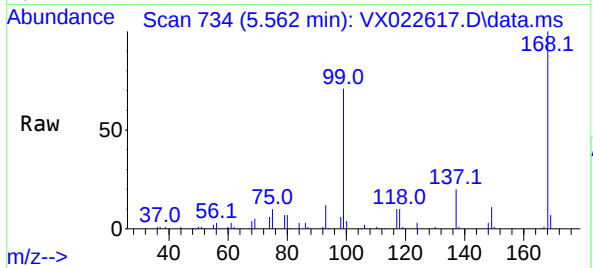
Quant Time: Jun 10 05:43:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration



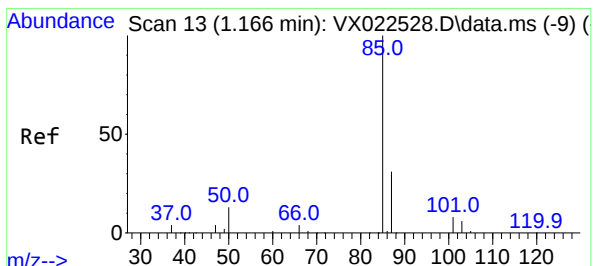
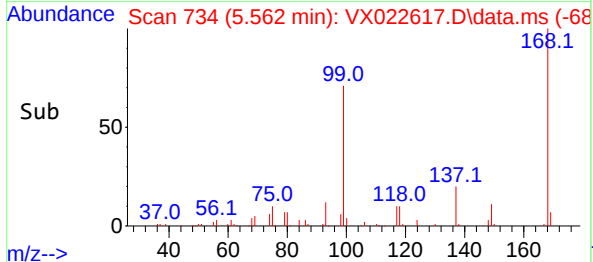
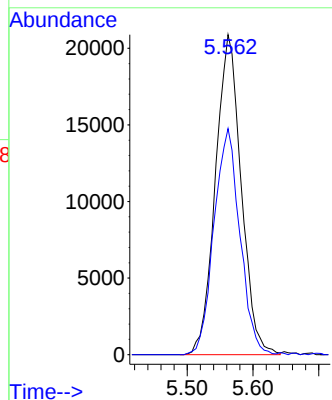


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Instrument :
MSVOA_X
ClientSampleId :
40BR-20210608DL

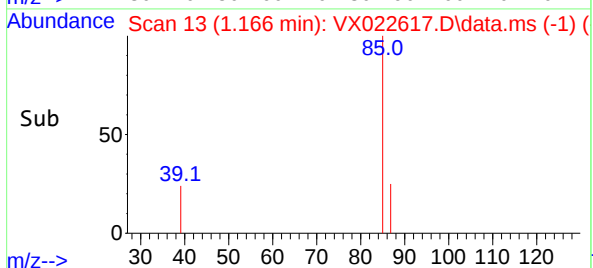
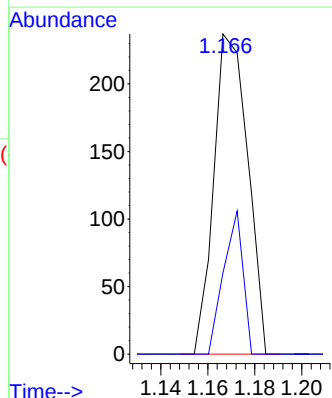
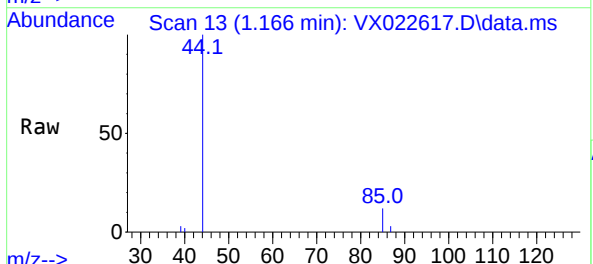


Tgt Ion:168 Resp: 56909
Ion Ratio Lower Upper
168 100
99 70.6 45.8 68.6#

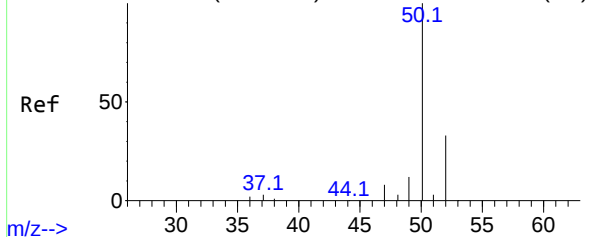


#2
Dichlorodifluoromethane
Concen: 0.36 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

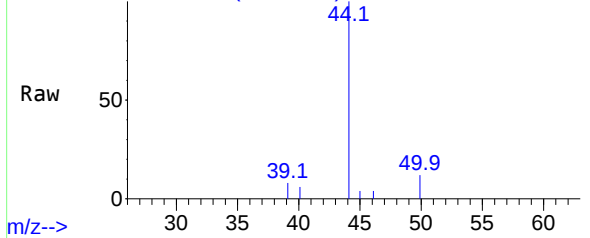
Tgt Ion: 85 Resp: 237
Ion Ratio Lower Upper
85 100
87 25.3 16.4 49.2



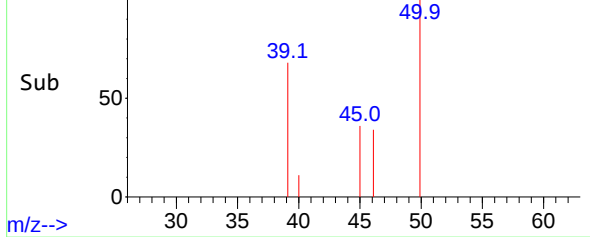
Abundance Scan 34 (1.294 min): VX022528.D\data.ms (-30)



Abundance Scan 34 (1.294 min): VX022617.D\data.ms



Abundance Scan 34 (1.294 min): VX022617.D\data.ms (-1) (



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX022617.D

Acq: 09 Jun 2021 16:30

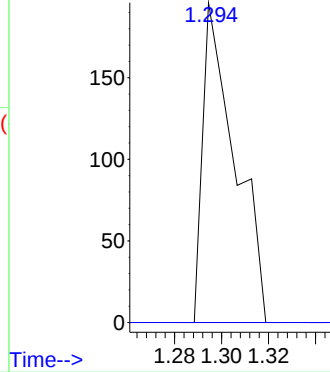
Tgt Ion: 50 Resp: 186

Ion Ratio Lower Upper

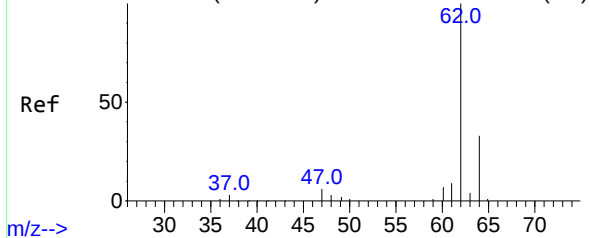
50 100

52 0.0 26.4 39.6#

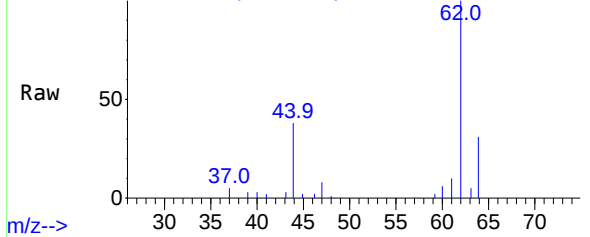
Abundance



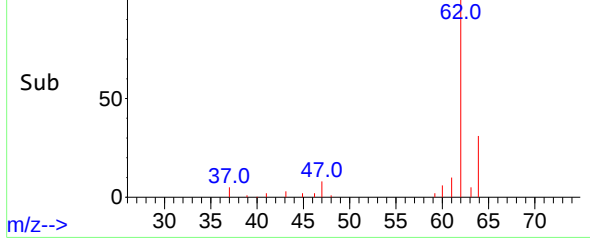
Abundance Scan 47 (1.374 min): VX022528.D\data.ms (-42)



Abundance Scan 47 (1.374 min): VX022617.D\data.ms



Abundance Scan 47 (1.374 min): VX022617.D\data.ms (-1) (



#4

Vinyl Chloride

Concen: 4.91 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX022617.D

Acq: 09 Jun 2021 16:30

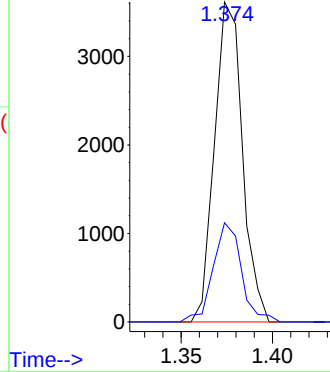
Tgt Ion: 62 Resp: 3843

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5

Abundance

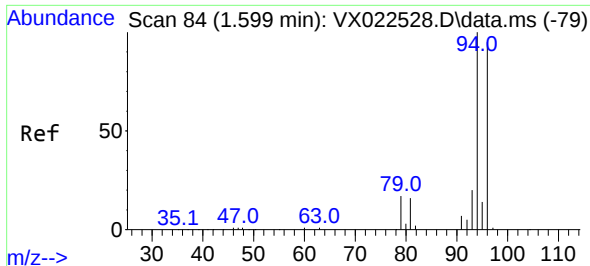


Instrument :

MSVOA_X

ClientSampleId :

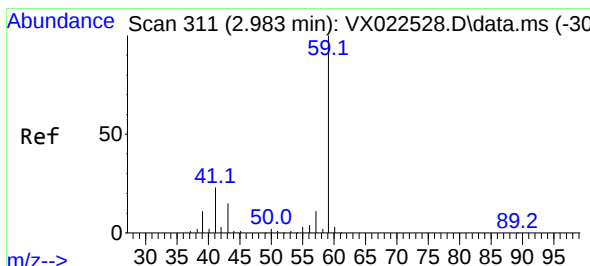
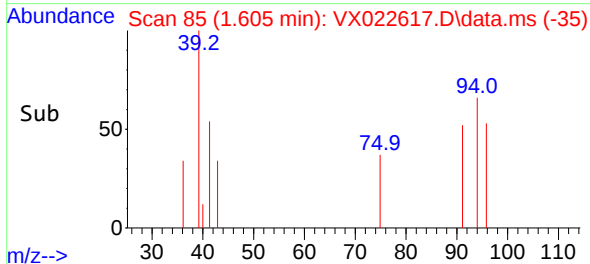
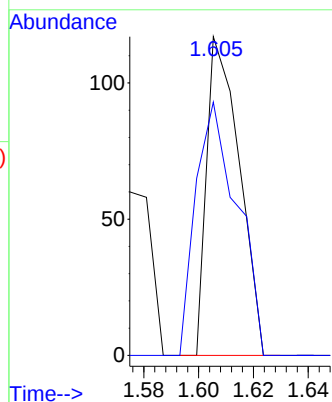
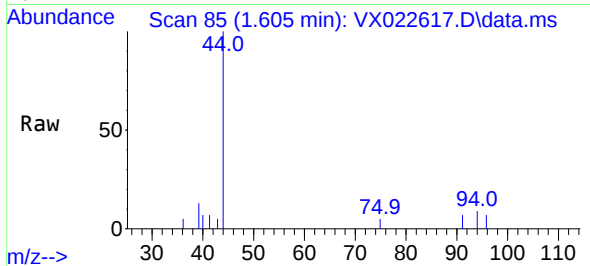
40BR-20210608DL



#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

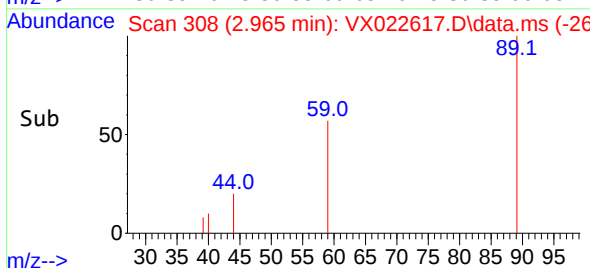
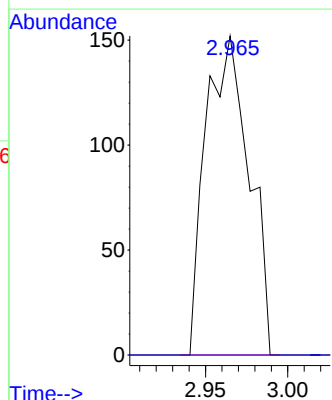
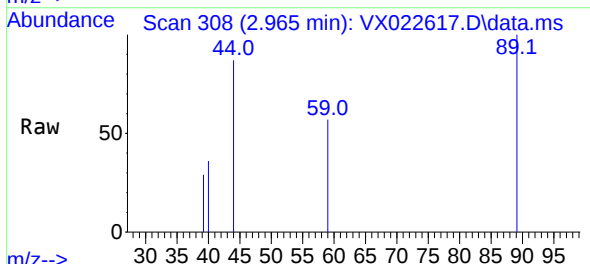
Instrument :
MSVOA_X
ClientSampleId :
40BR-20210608DL

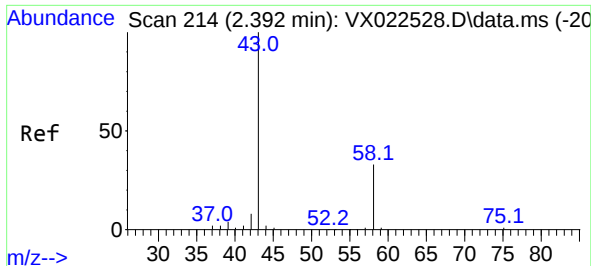
Tgt Ion: 94 Resp: 97
Ion Ratio Lower Upper
94 100
96 79.5 76.4 114.6



#11
Tert butyl alcohol
Concen: 1.23 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

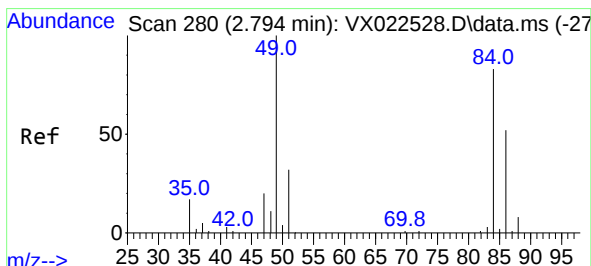
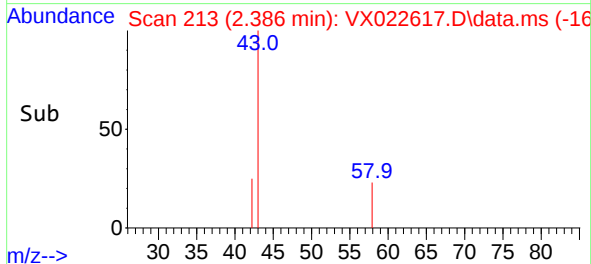
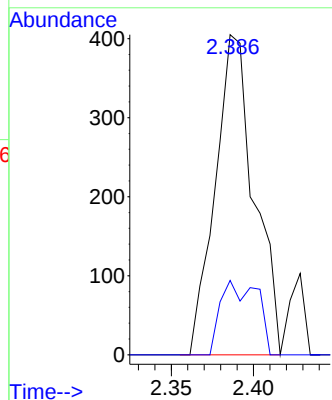
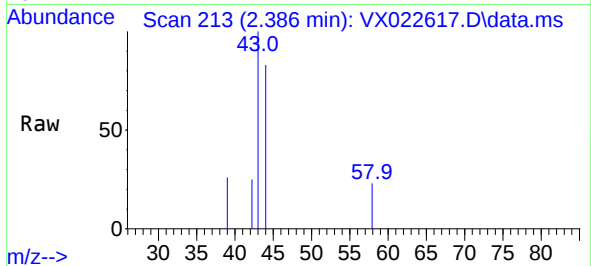




#16
Acetone
Concen: 1.47 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

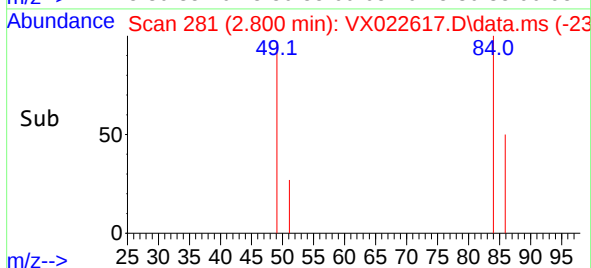
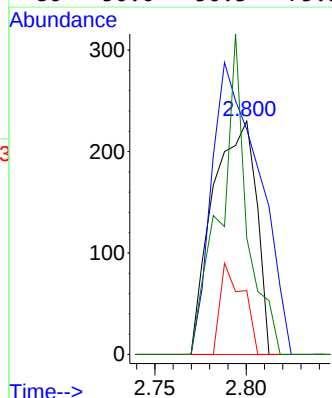
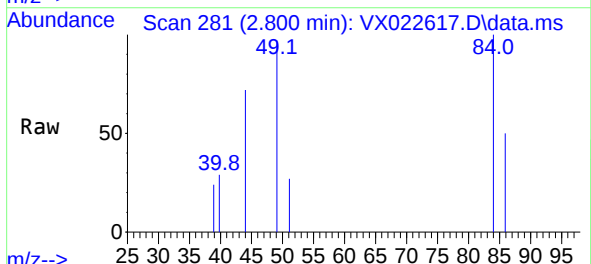
Instrument :
MSVOA_X
ClientSampleId :
40BR-20210608DL

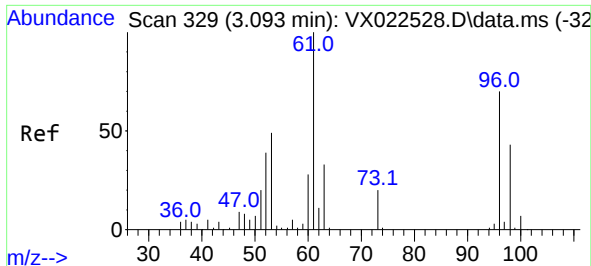
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
58 23.2 27.8 41.8#



#20
Methylene Chloride
Concen: 0.40 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion: 84 Resp: 380
Ion Ratio Lower Upper
84 100
49 96.5 88.6 132.8
51 27.4 27.0 40.6
86 50.0 50.3 75.5#

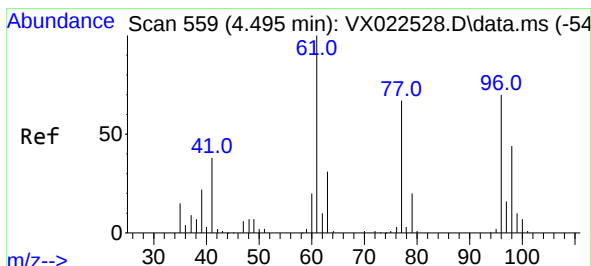
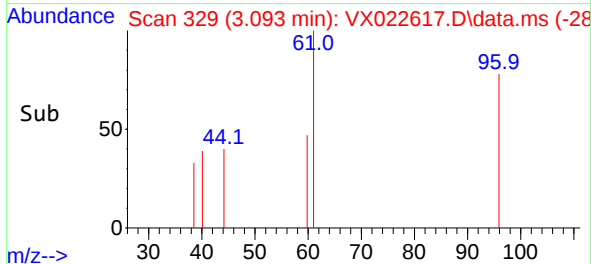
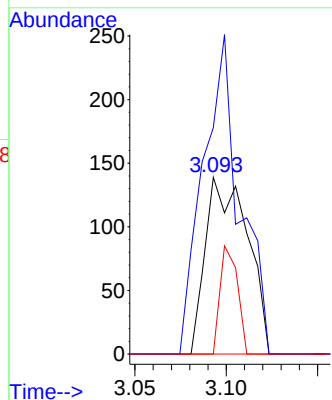
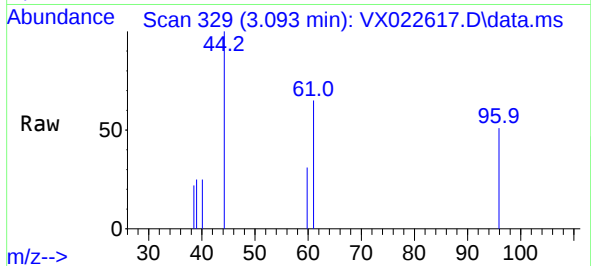




#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

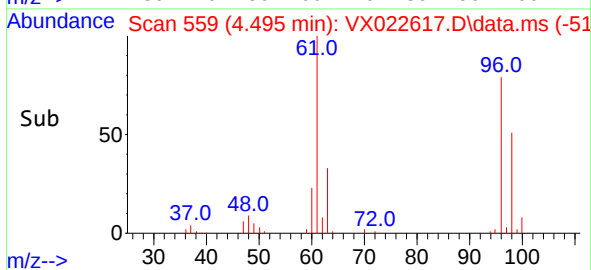
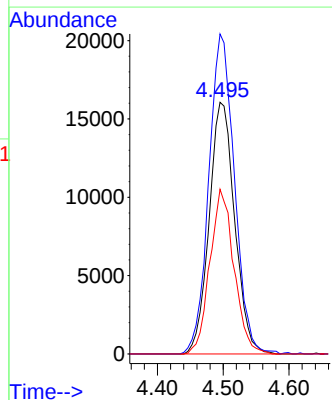
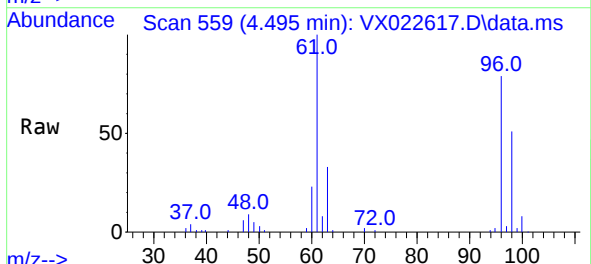
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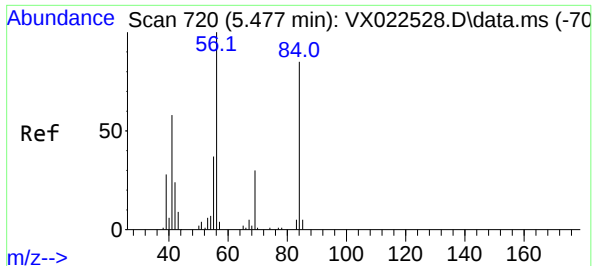
Tgt Ion: 96 Resp: 223
Ion Ratio Lower Upper
96 100
61 128.1 107.7 161.5
98 0.0 50.4 75.6#



#27
cis-1,2-Dichloroethene
Concen: 45.51 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion: 96 Resp: 43428
Ion Ratio Lower Upper
96 100
61 127.5 0.0 285.6
98 61.8 0.0 129.6

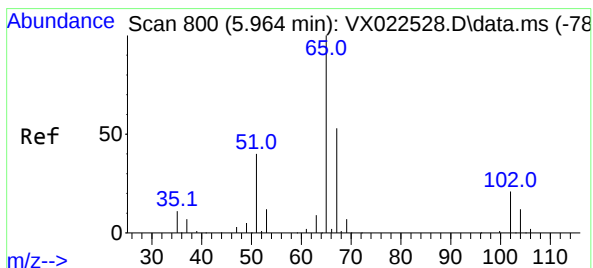
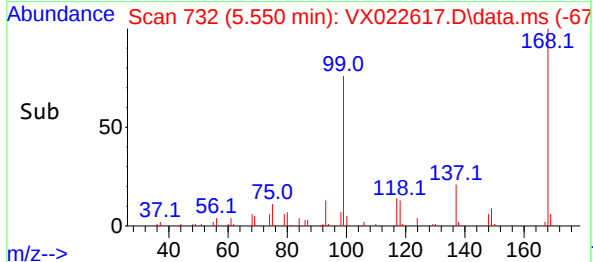
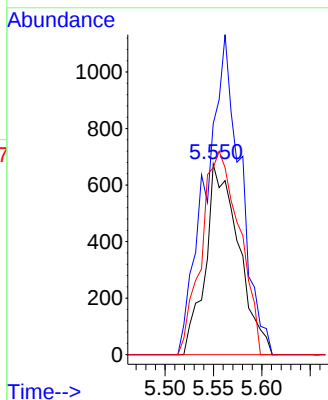
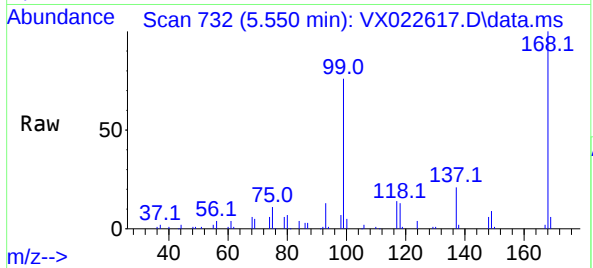




#31
Cyclohexane
Concen: 1.35 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

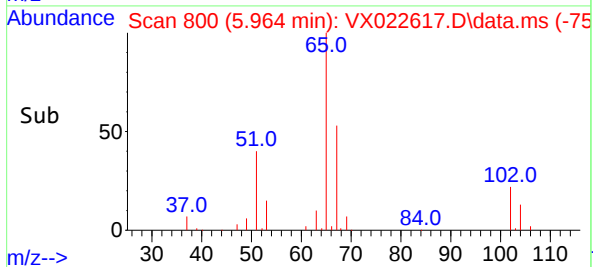
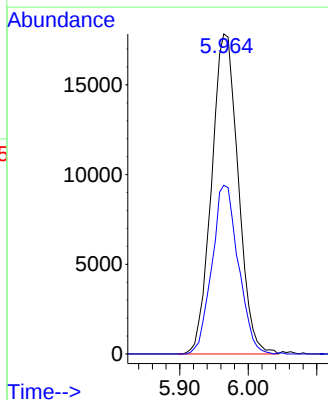
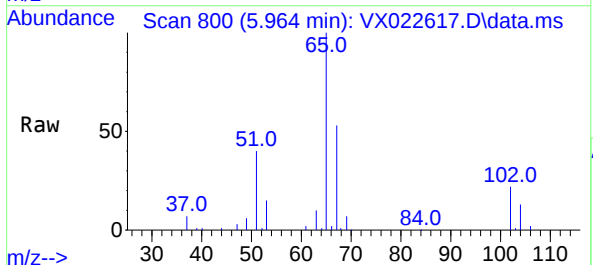
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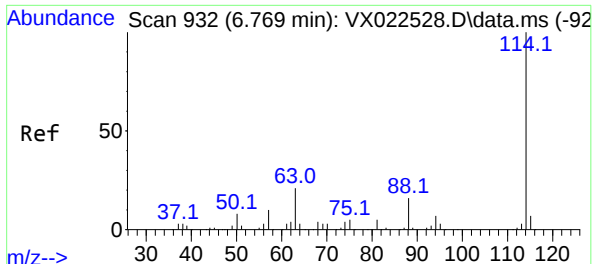
Tgt Ion: 56 Resp: 1616
Ion Ratio Lower Upper
56 100
69 121.4 25.3 37.9#
84 98.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.55 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion: 65 Resp: 48105
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

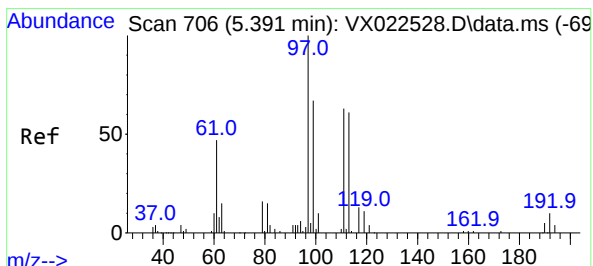
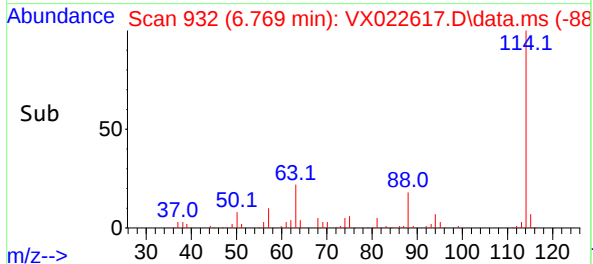
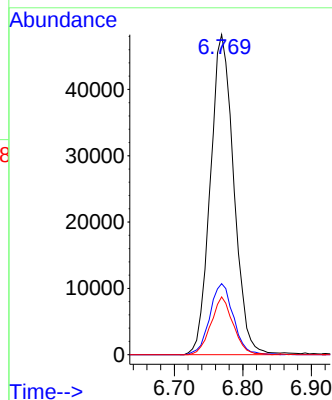
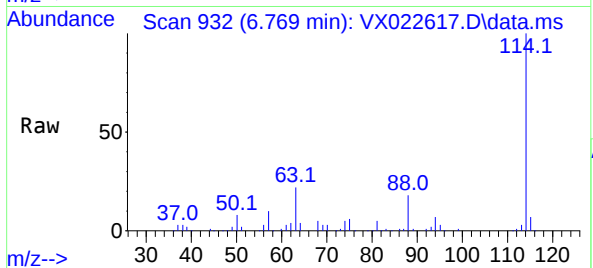




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

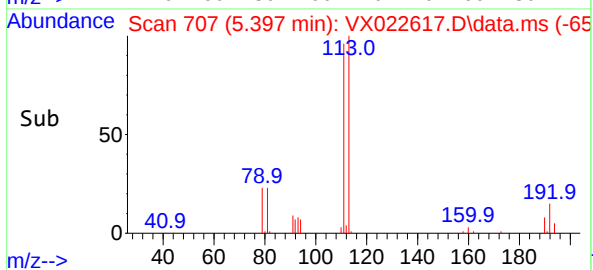
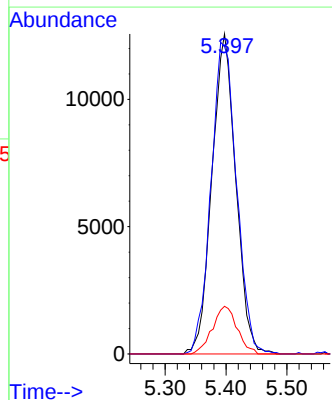
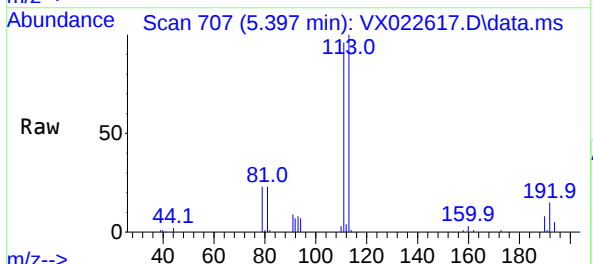
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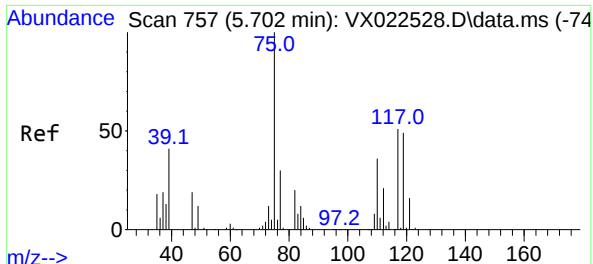
Tgt Ion:114 Resp: 114503
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 18.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.70 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion:113 Resp: 34169
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 15.4 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.18 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022617.D

Acq: 09 Jun 2021 16:30

Tgt Ion: 75 Resp: 5739

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.4#

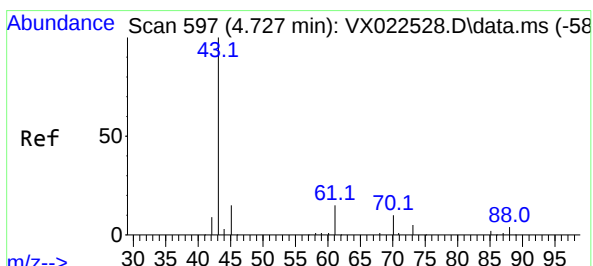
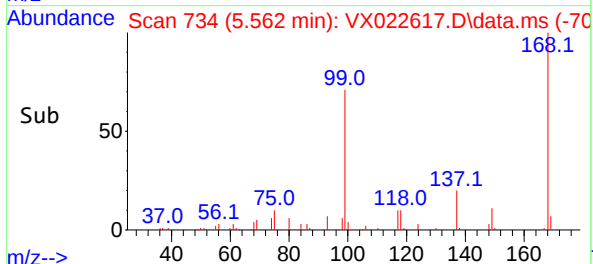
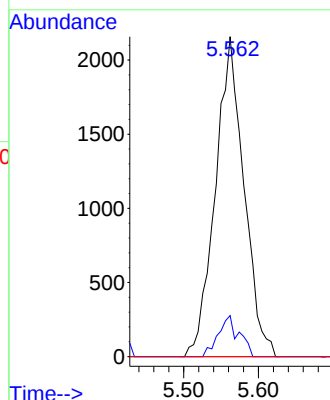
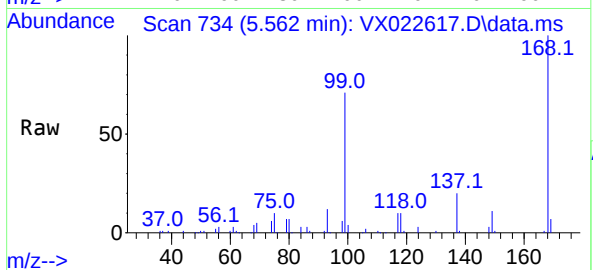
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

40BR-20210608DL



#37

Ethyl Acetate

Concen: 0.32 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX022617.D

Acq: 09 Jun 2021 16:30

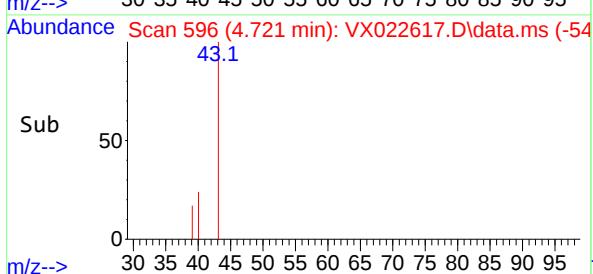
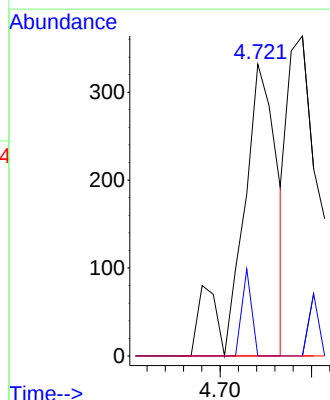
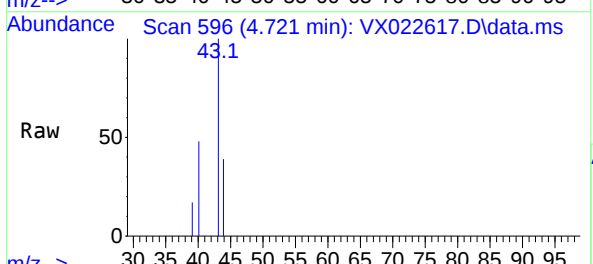
Tgt Ion: 43 Resp: 454

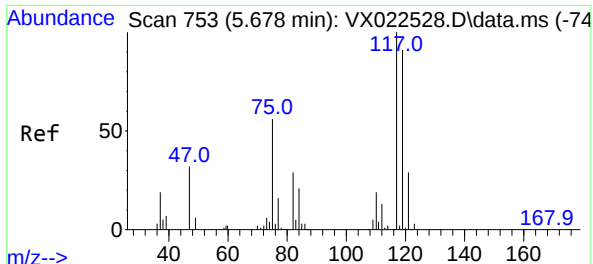
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

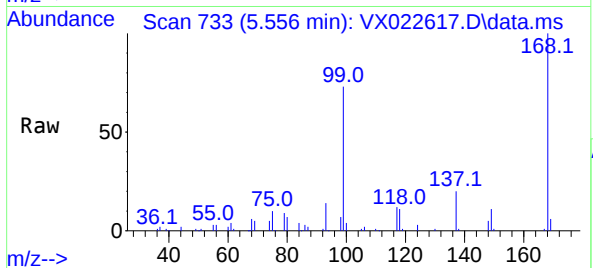
70 0.0 10.5 15.7#



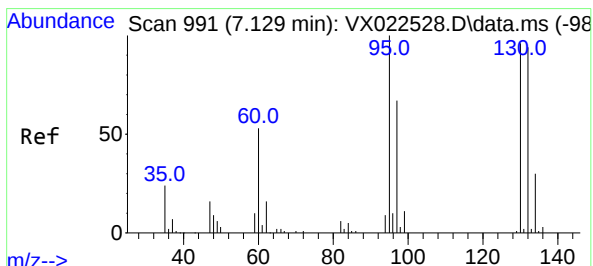
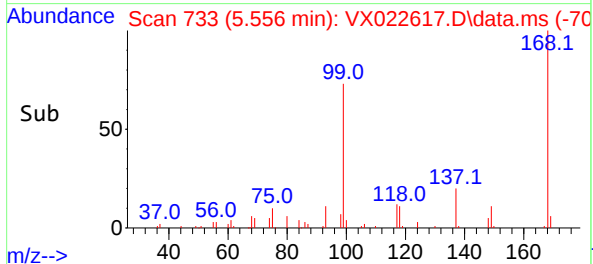
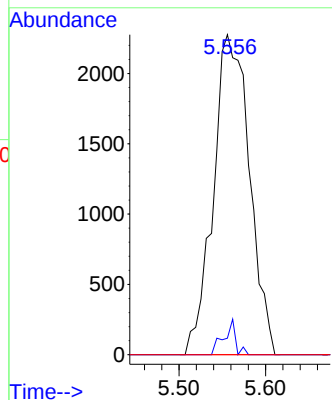


#38
Carbon Tetrachloride
Concen: 8.23 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Instrument :
MSVOA_X
ClientSampleId :
40BR-20210608DL

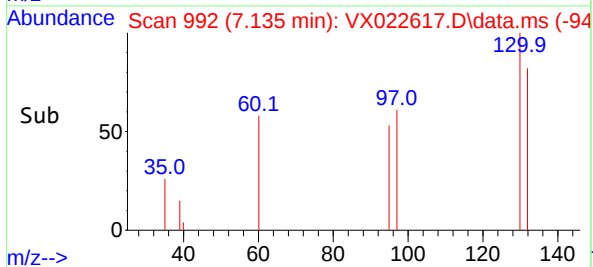
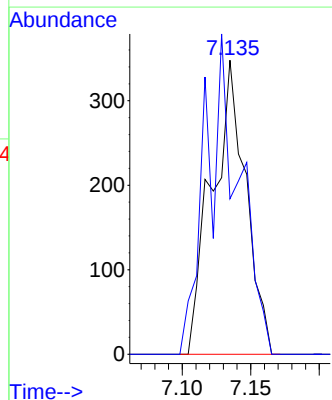
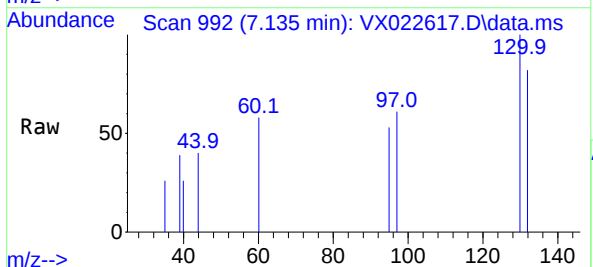


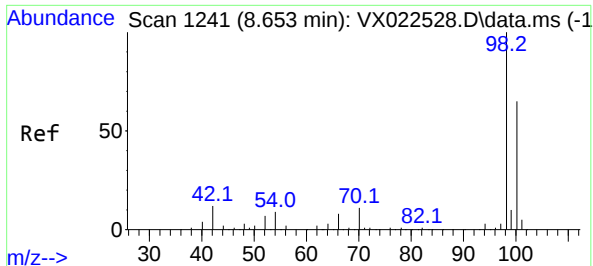
Tgt Ion:117 Resp: 6596
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.74 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion:130 Resp: 597
Ion Ratio Lower Upper
130 100
95 52.9 0.0 198.0

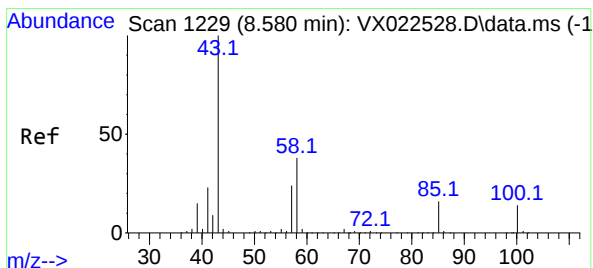
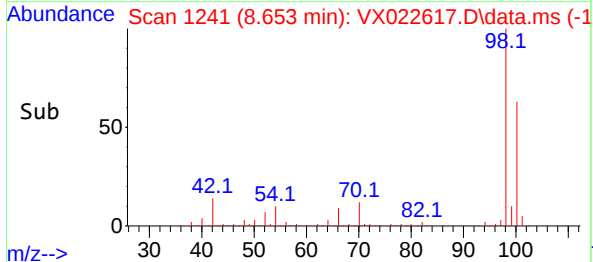
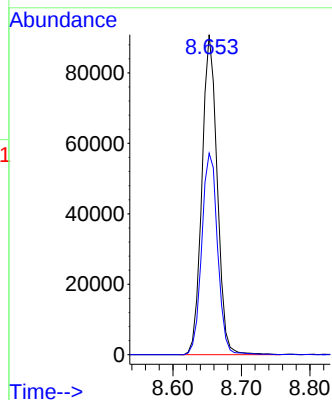
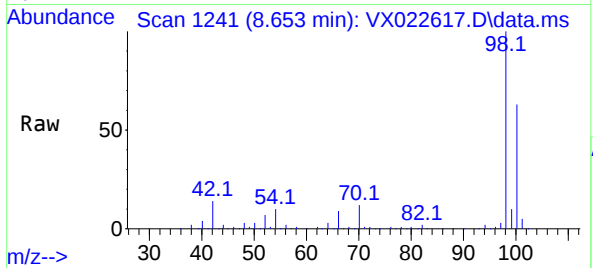




#50
Toluene-d8
Concen: 49.27 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

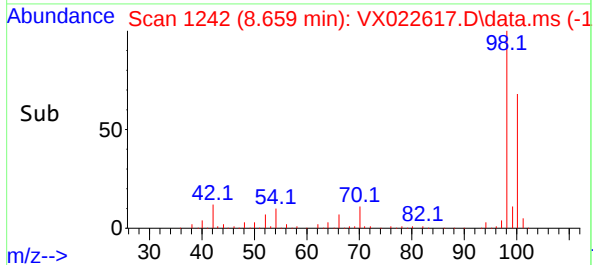
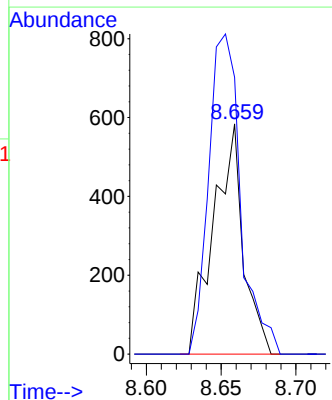
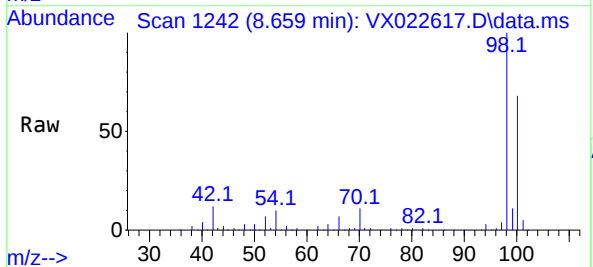
Instrument :
MSVOA_X
ClientSampleId :
40BR-20210608DL

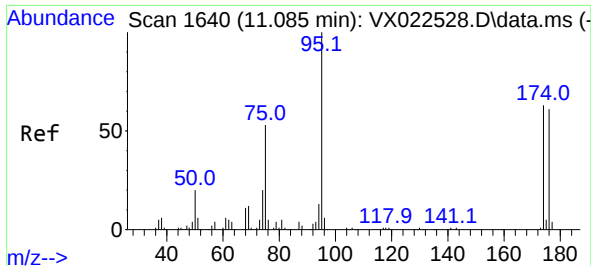
Tgt Ion: 98 Resp: 140827
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 148.7 35.4 53.0#



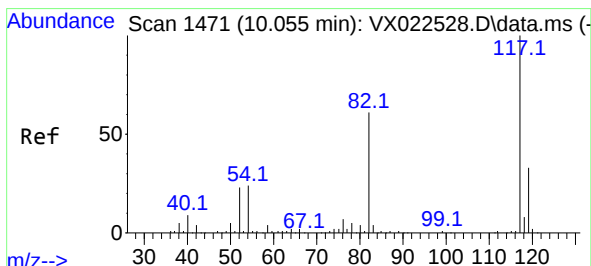
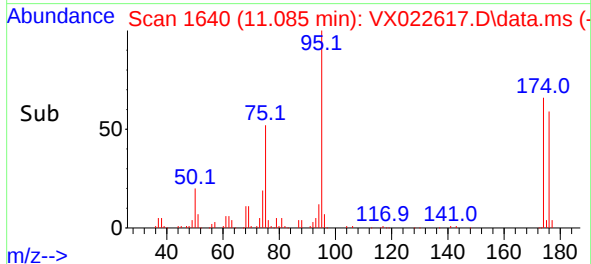
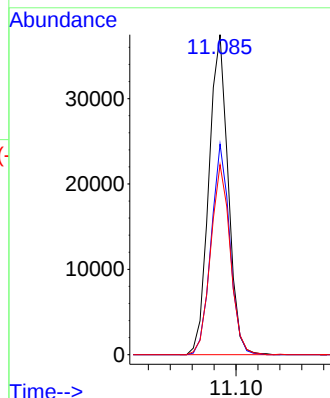
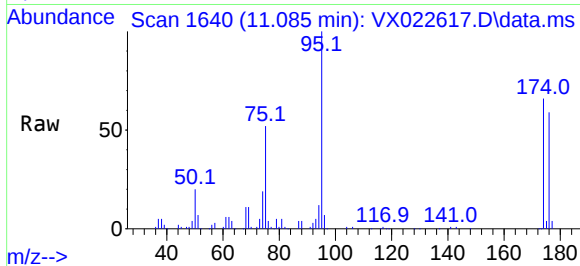


#62
4-Bromofluorobenzene
Concen: 43.02 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Instrument :
MSVOA_X
ClientSampleId :
40BR-20210608DL

Tgt Ion: 95 Resp: 45709

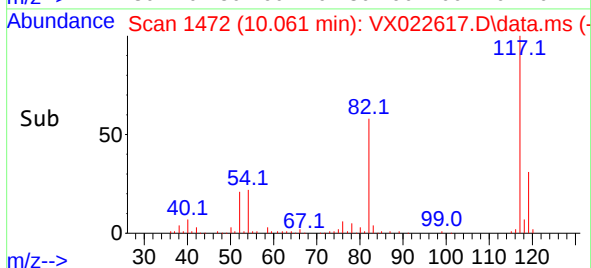
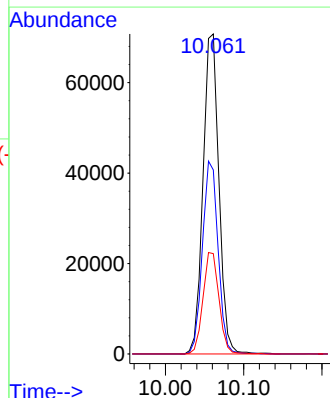
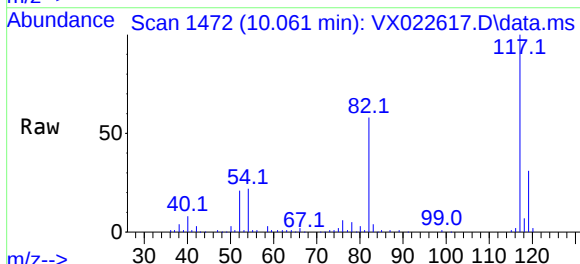
Ion	Ratio	Lower	Upper
95	100		
174	63.7	0.0	154.6
176	60.4	0.0	155.8

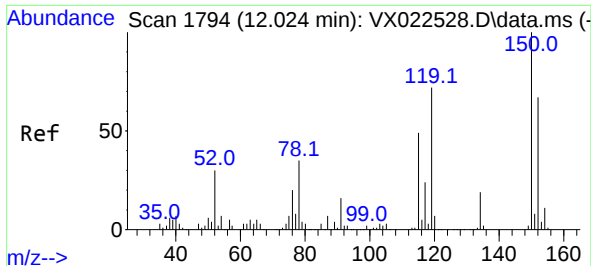


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion: 117 Resp: 99605

Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.4	71.2
119	31.3	26.6	39.8

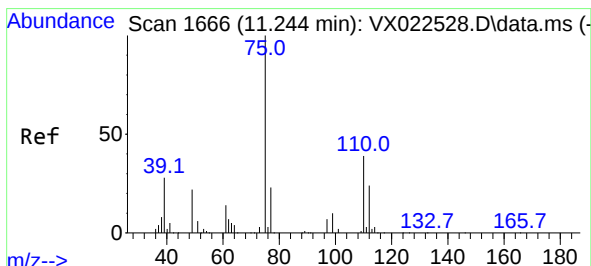
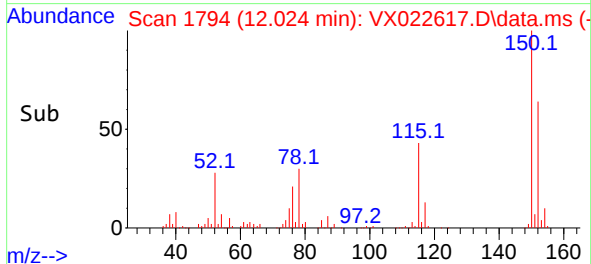
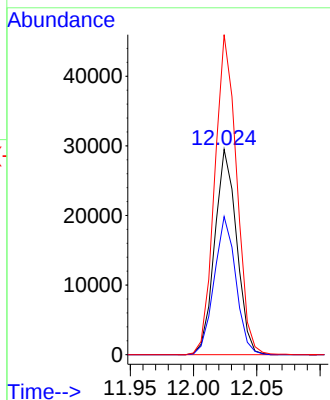
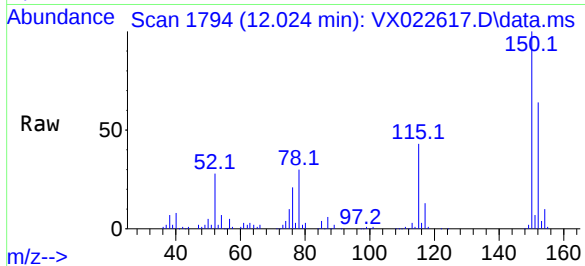




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

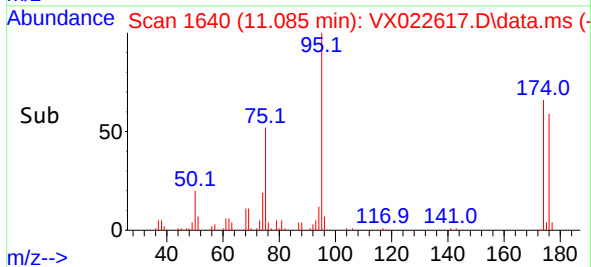
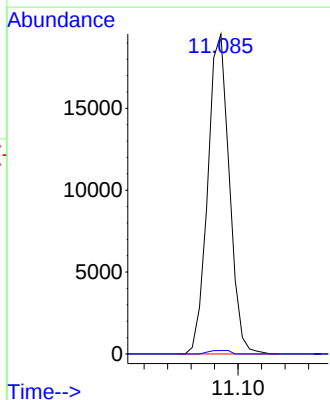
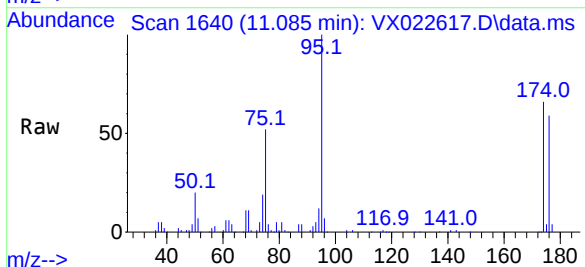
Instrument :
MSVOA_X
ClientSampleId :
40BR-20210608DL

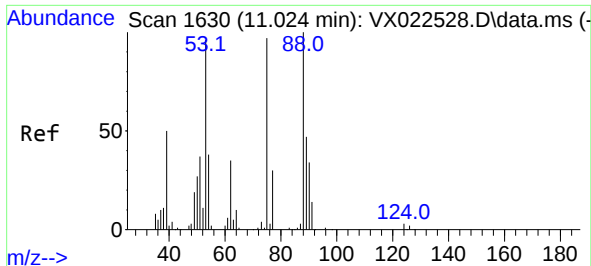
Tgt Ion:152 Resp: 35581
Ion Ratio Lower Upper
152 100
115 66.2 41.1 123.3
150 155.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022617.D
Acq: 09 Jun 2021 16:30

Tgt Ion: 75 Resp: 24855
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.27 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022617.D
 Acq: 09 Jun 2021 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 40BR-20210608DL

Tgt Ion: 75 Resp: 24855
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

