

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033121\
 Data File : VX021688.D
 Acq On : 31 Mar 2021 16:16
 Operator : JC/MD
 Sample : M1842-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20210323

Quant Time: Apr 01 03:26:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

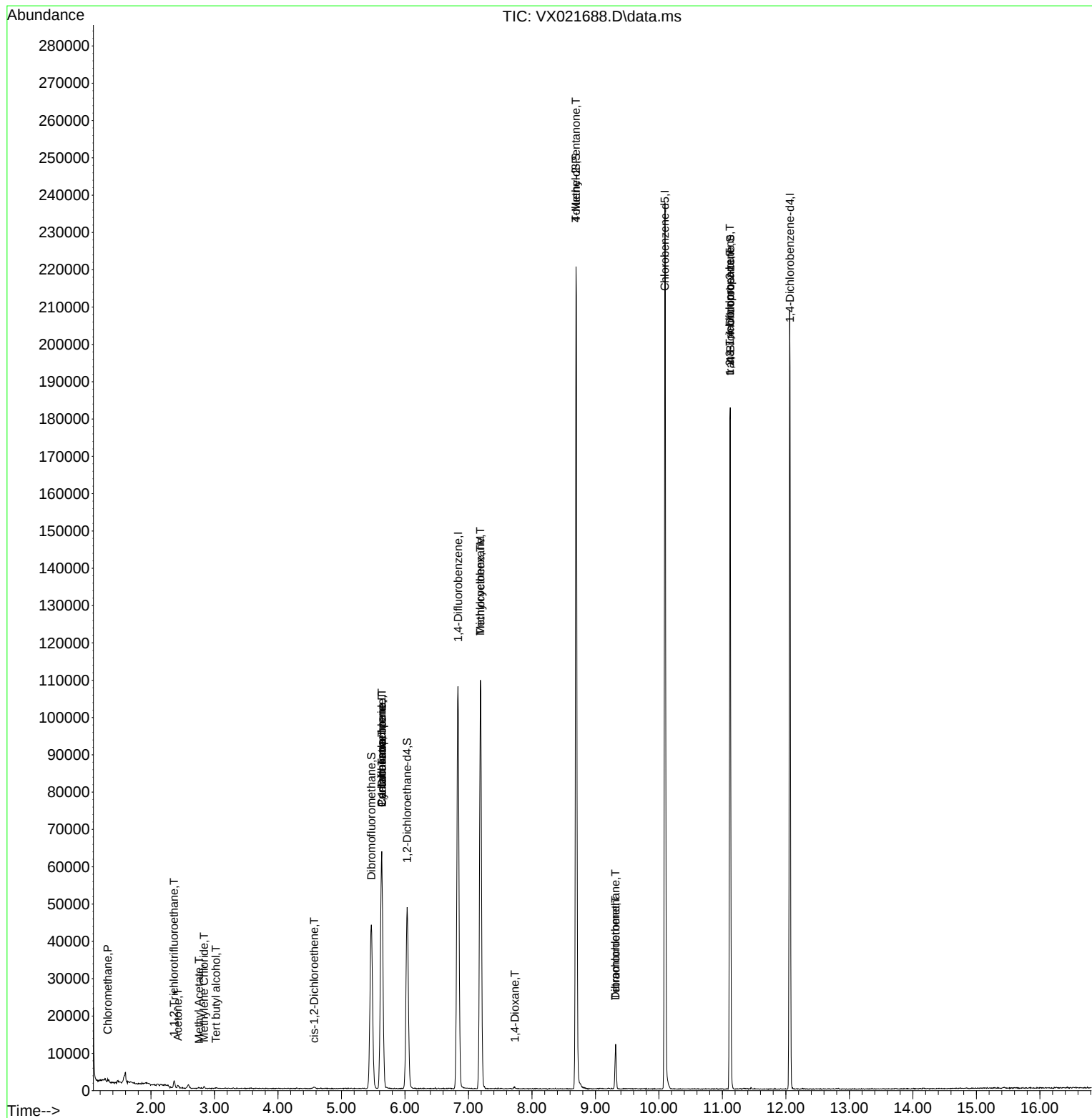
Internal Standards						
1) Pentafluorobenzene	5.635	168	53569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	101066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	100500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	40236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	48099	53.96	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.92%	
35) Dibromofluoromethane	5.470	113	37001	51.54	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.08%	
50) Toluene-d8	8.694	98	126449	49.43	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.86%	
62) 4-Bromofluorobenzene	11.124	95	48511	48.77	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.54%	
Target Compounds						
						Qvalue
3) Chloromethane	1.316	50	1299	1.96	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.364	101	720	1.31	ug/l	97
11) Tert butyl alcohol	3.023	59	120	0.81	ug/l #	73
16) Acetone	2.422	43	839	2.49	ug/l	96
18) Methyl Acetate	2.758	43	275	0.28	ug/l #	47
20) Methylene Chloride	2.834	84	195	0.30	ug/l #	83
27) cis-1,2-Dichloroethene	4.570	96	229	0.33	ug/l	79
31) Cyclohexane	5.635	56	1530	1.56	ug/l #	12
36) 1,1-Dichloropropene	5.635	75	4968	5.02	ug/l #	48
38) Carbon Tetrachloride	5.635	117	5558	5.22	ug/l #	17
39) Methylcyclohexane	7.188	83	566	0.52	ug/l #	1
44) Trichloroethene	7.188	130	37866	51.03	ug/l	90
49) 1,4-Dioxane	7.729	88	299	16.84	ug/l #	65
51) 4-Methyl-2-Pentanone	8.694	43	723	0.63	ug/l #	1
60) Dibromochloromethane	9.317	129	2033	2.48	ug/l #	11
64) Tetrachloroethene	9.317	164	2073	3.08	ug/l	95
76) 1,2,3-Trichloropropane	11.118	75	26992	28.82	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	26992	87.77	ug/l #	12

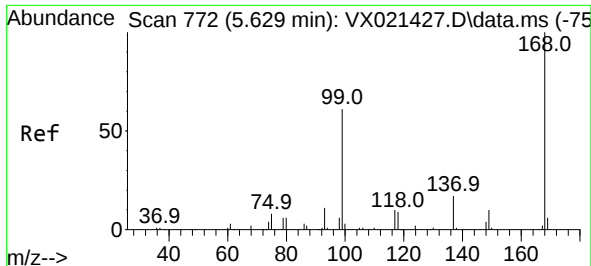
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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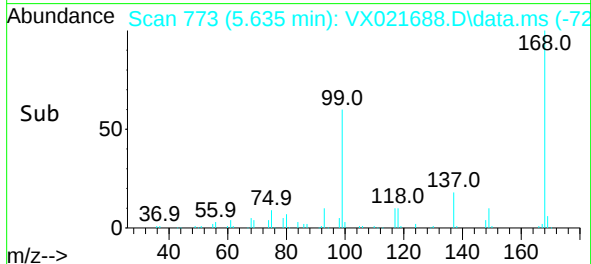
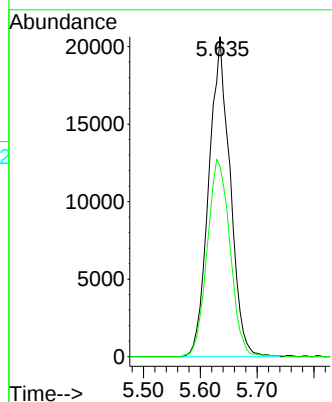
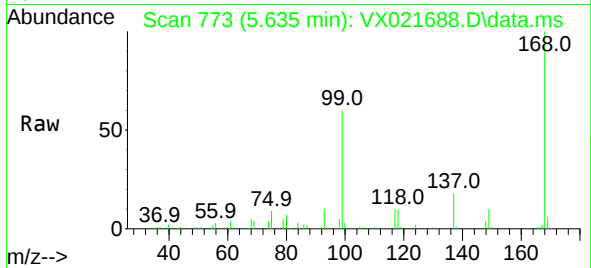




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

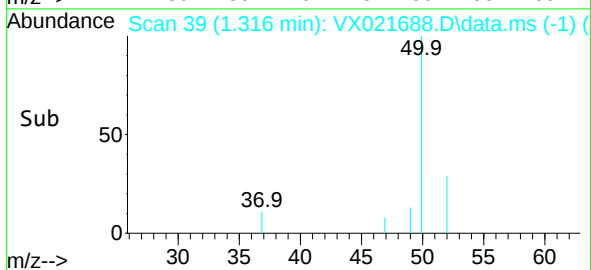
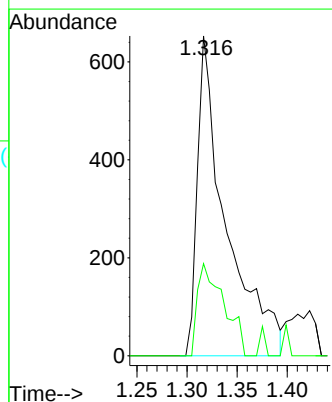
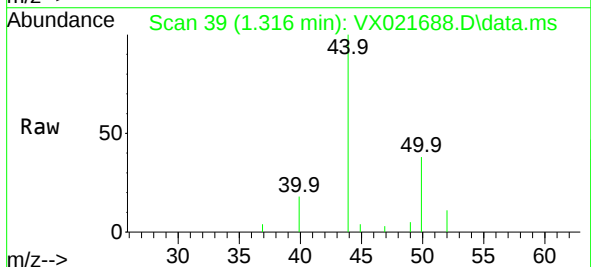
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

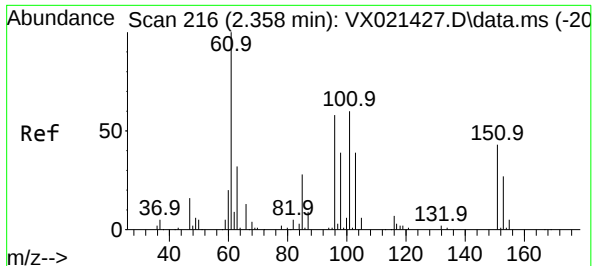
Tgt Ion:168 Resp: 53569
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#3
Chloromethane
Concen: 1.96 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 50 Resp: 1299
Ion Ratio Lower Upper
50 100
52 28.8 26.4 39.6

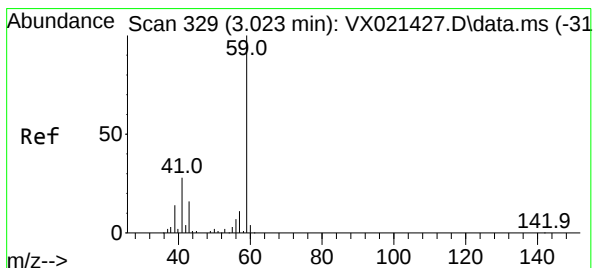
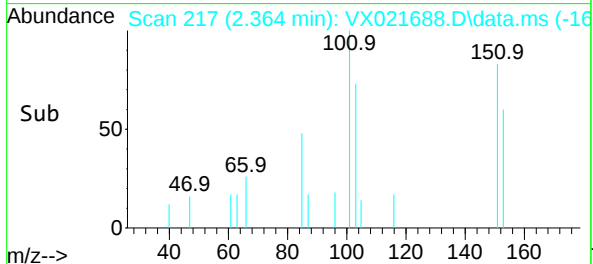
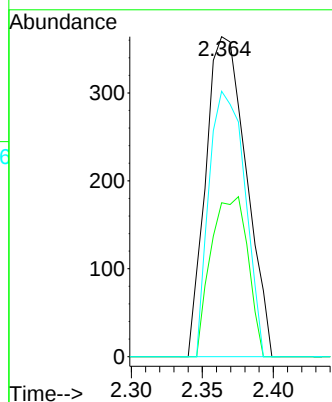
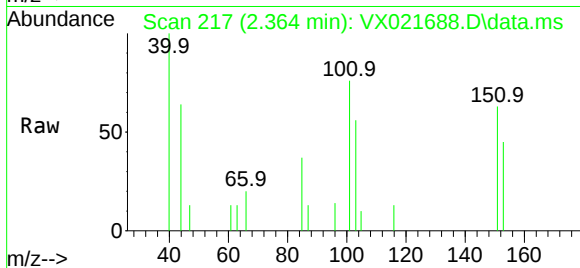




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.31 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

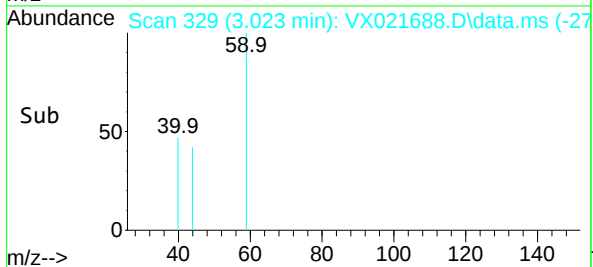
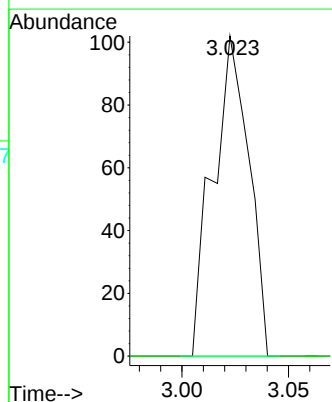
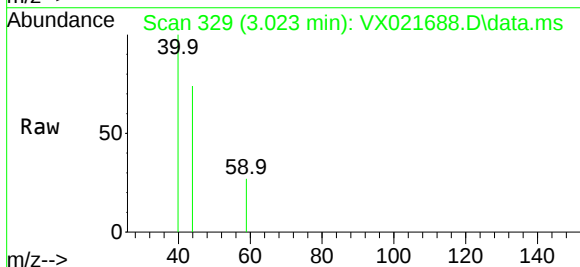
Instrument :
MSVOA_X
ClientSampleId :
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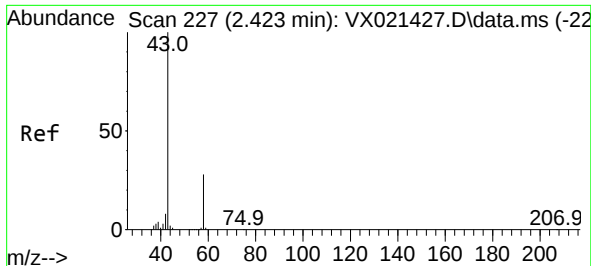
Tgt Ion:101 Resp: 720
Ion Ratio Lower Upper
101 100
85 45.4 34.9 52.3
151 73.6 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.81 ug/l
RT: 3.023 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

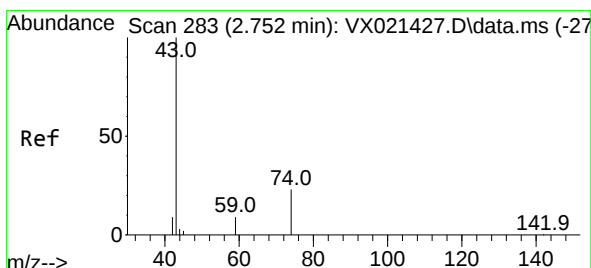
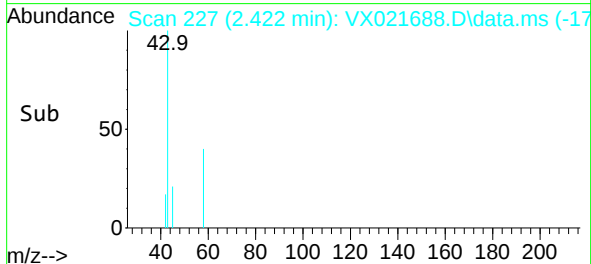
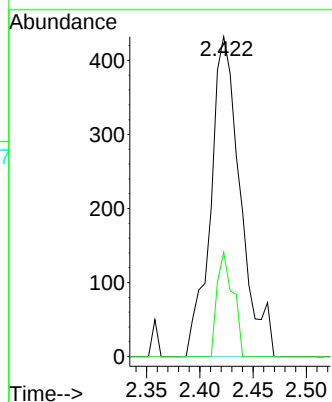
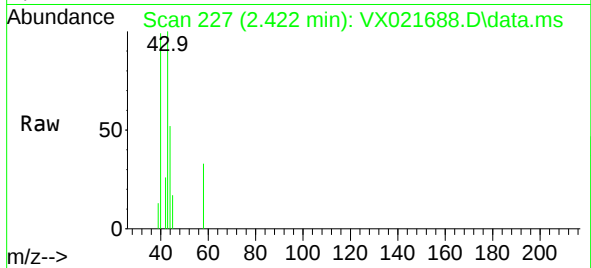




#16
Acetone
Concen: 2.49 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

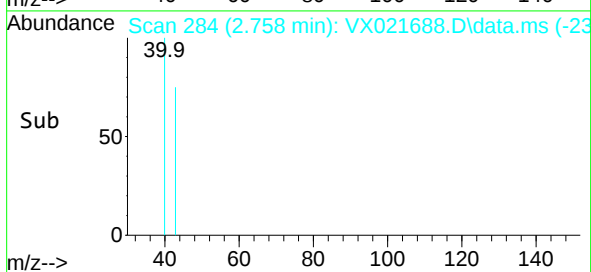
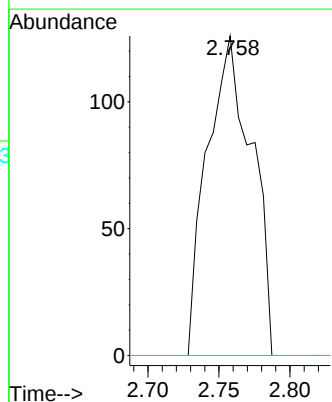
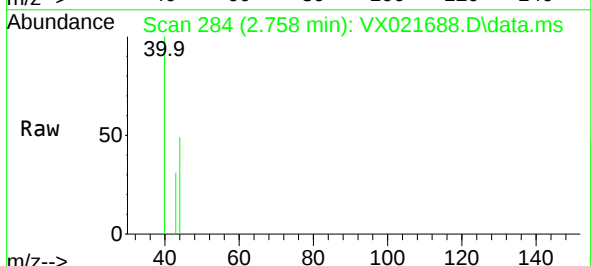
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

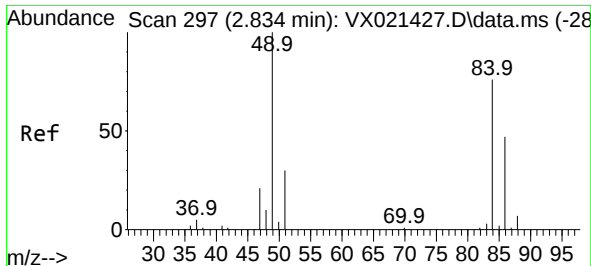
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.30 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

Tgt Ion: 84 Resp: 195

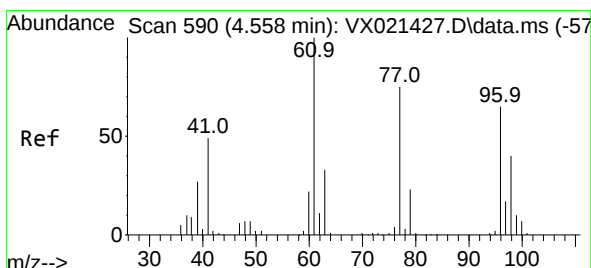
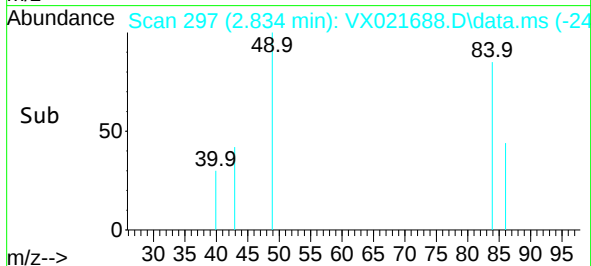
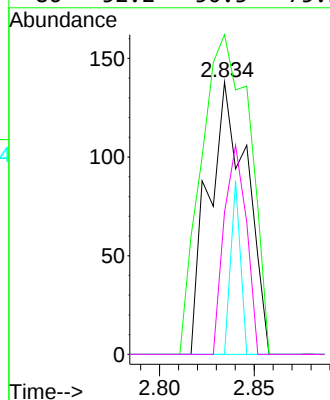
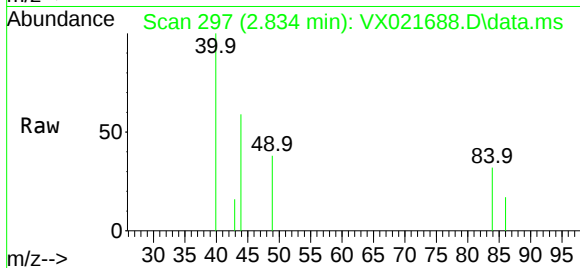
Ion Ratio Lower Upper

84 100

49 117.4 88.6 132.8

51 0.0 27.0 40.6#

86 52.2 50.3 75.5



#27

cis-1,2-Dichloroethene

Concen: 0.33 ug/l

RT: 4.570 min Scan# 592

Delta R.T. 0.012 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

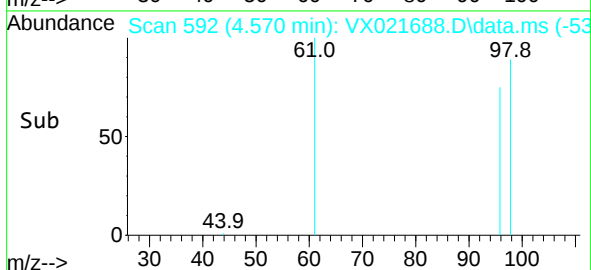
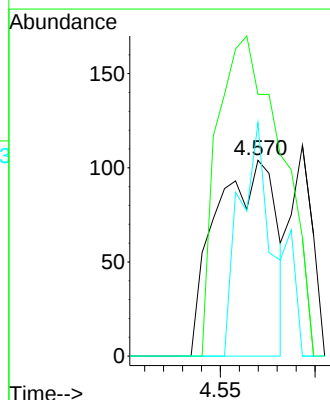
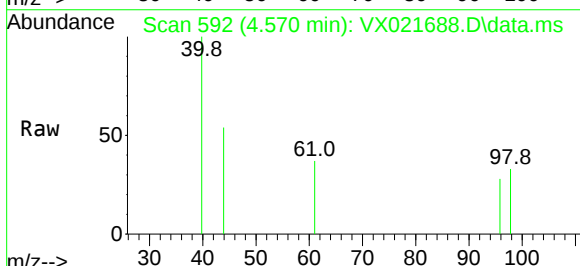
Tgt Ion: 96 Resp: 229

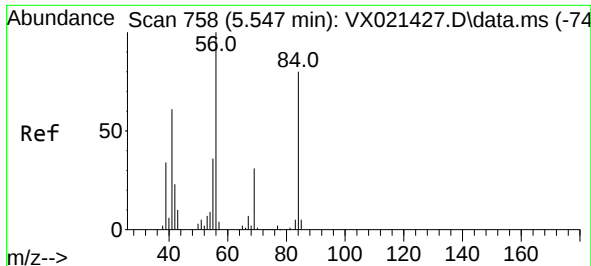
Ion Ratio Lower Upper

96 100

61 175.1 0.0 285.6

98 71.2 0.0 129.6

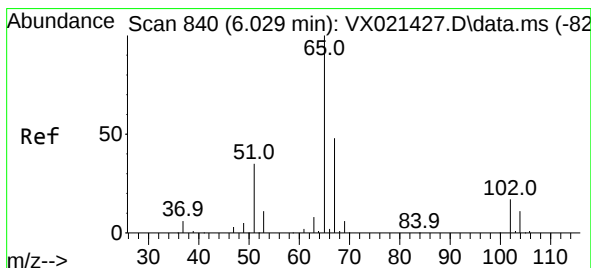
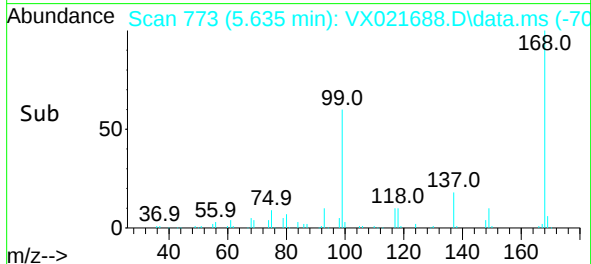
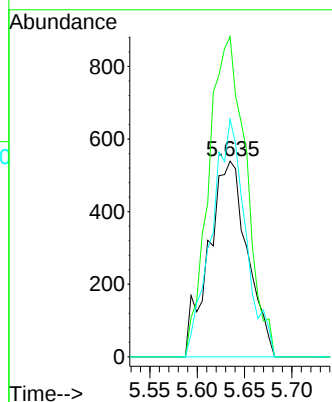
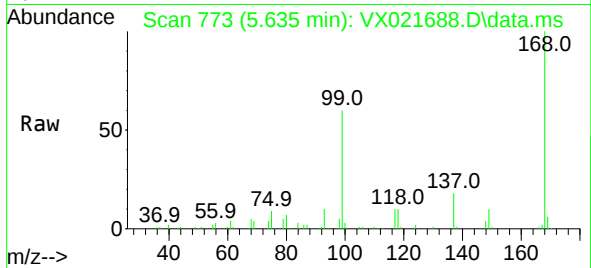




#31
Cyclohexane
Concen: 1.56 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

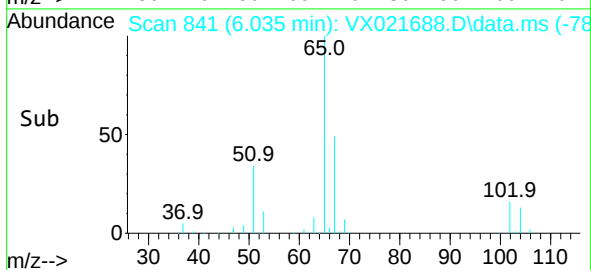
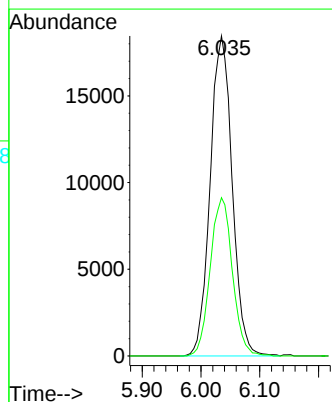
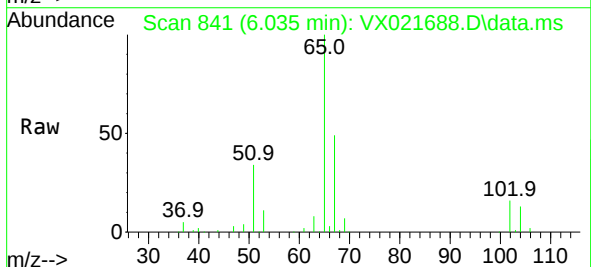
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ClientSampleId :
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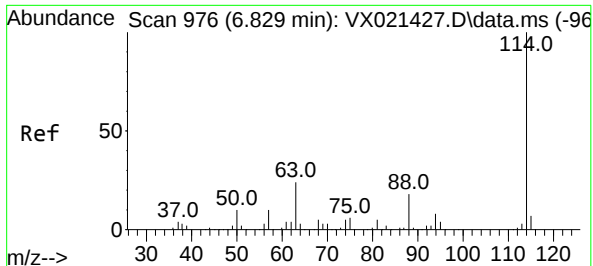
Tgt Ion: 56 Resp: 1530
Ion Ratio Lower Upper
56 100
69 163.6 25.3 37.9#
84 121.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.96 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 65 Resp: 48099
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

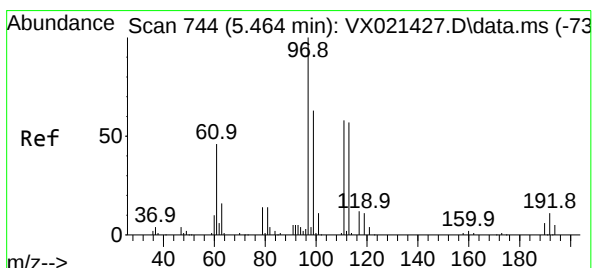
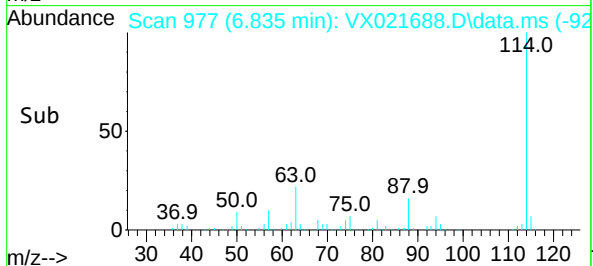
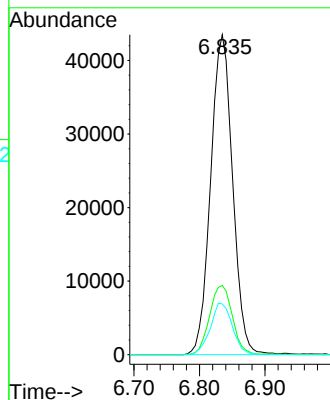
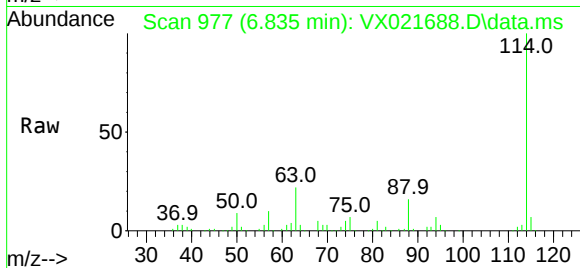
Tgt Ion:114 Resp: 101066

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.54 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

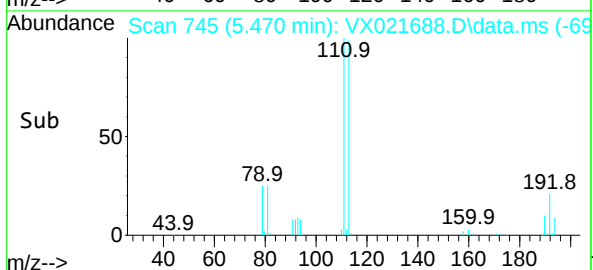
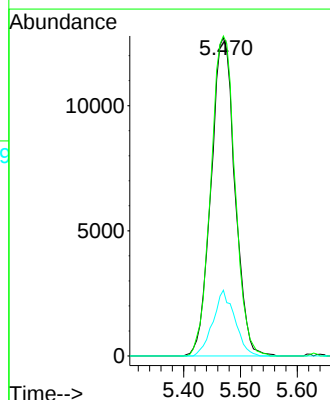
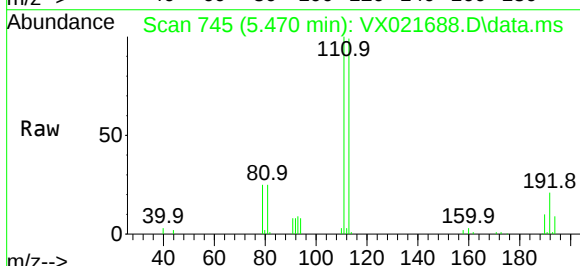
Tgt Ion:113 Resp: 37001

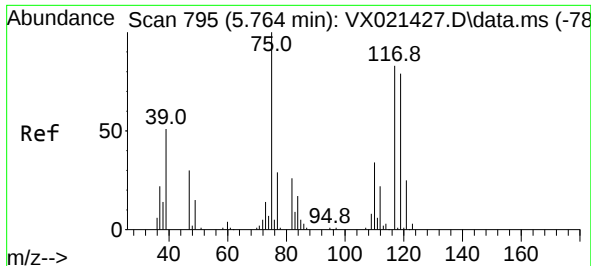
Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 19.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.02 ug/l

RT: 5.635 min Scan# 773

Delta R.T. -0.129 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

Tgt Ion: 75 Resp: 4968

Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

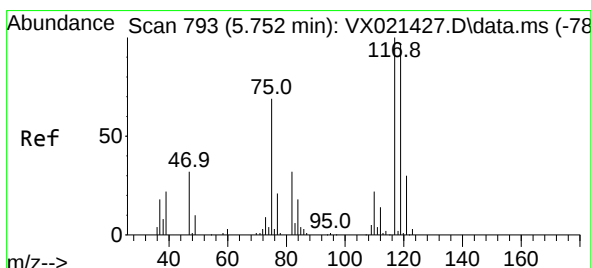
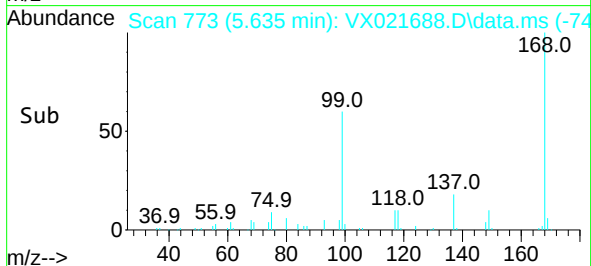
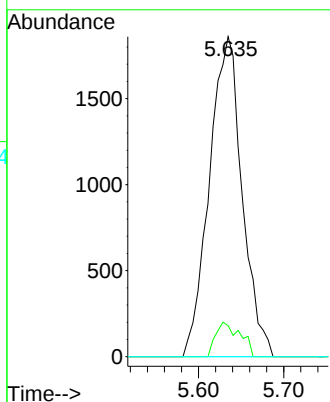
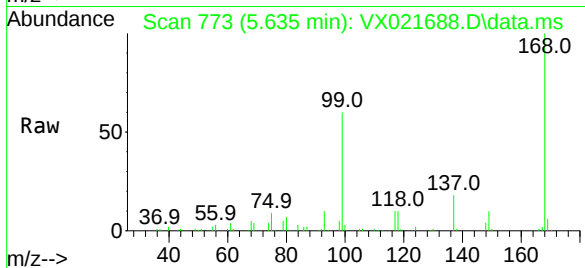
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20210323



#38

Carbon Tetrachloride

Concen: 5.22 ug/l

RT: 5.635 min Scan# 773

Delta R.T. -0.117 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

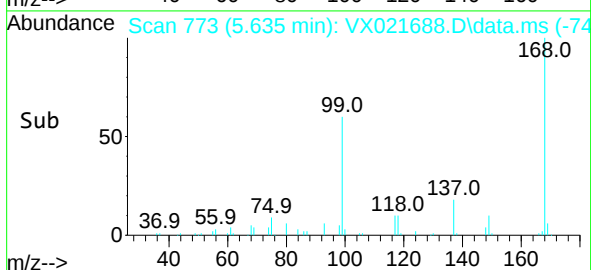
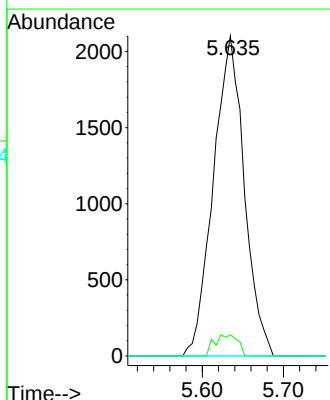
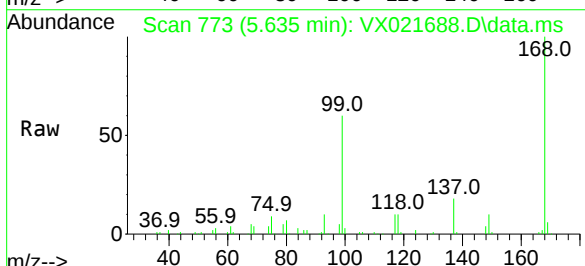
Tgt Ion: 117 Resp: 5558

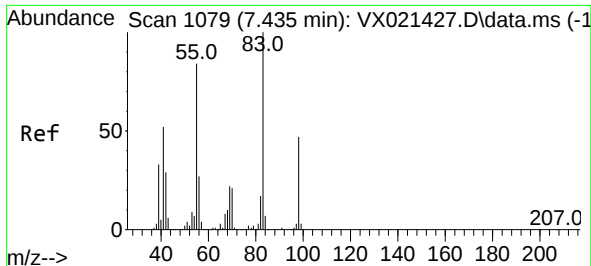
Ion Ratio Lower Upper

117 100

119 6.6 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.52 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.247 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

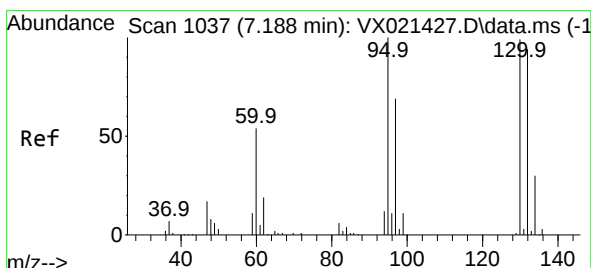
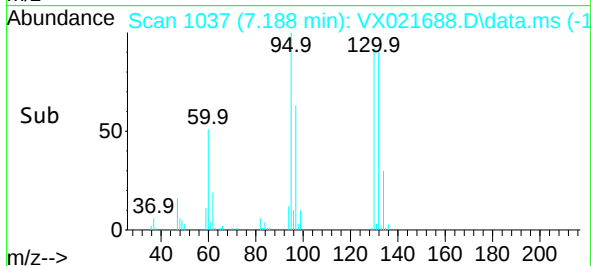
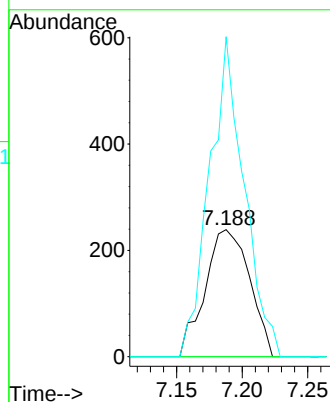
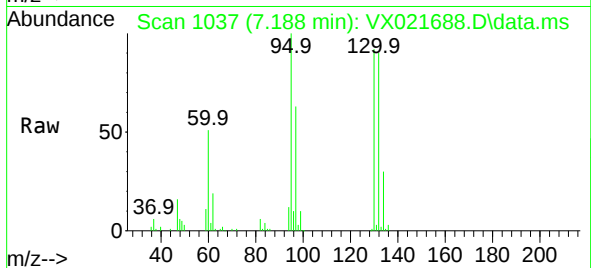
Instrument :

MSVOA_X

ClientSampleId :

DUP05-20210323

Tgt Ion: 83	Resp: 566
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 251.9	38.1 57.1#



#44

Trichloroethene

Concen: 51.03 ug/l

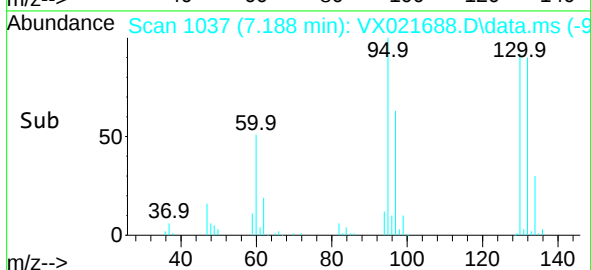
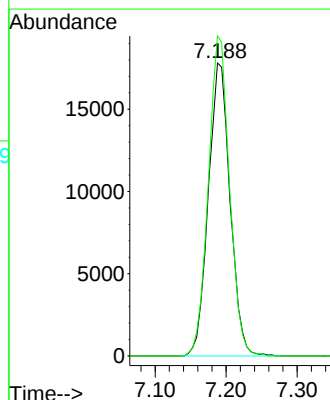
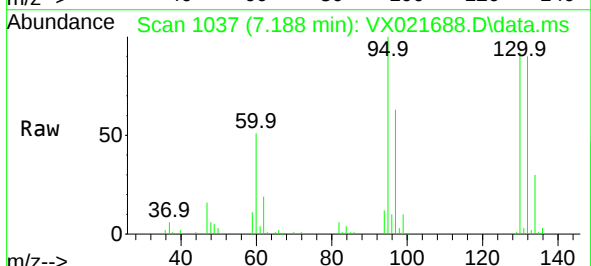
RT: 7.188 min Scan# 1037

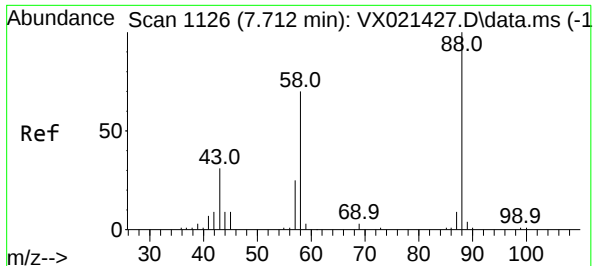
Delta R.T. -0.000 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

Tgt Ion: 130	Resp: 37866
Ion Ratio	Lower Upper
130 100	
95 109.3	0.0 198.0





#49

1,4-Dioxane

Concen: 16.84 ug/l

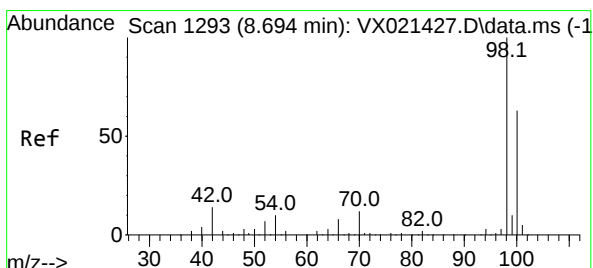
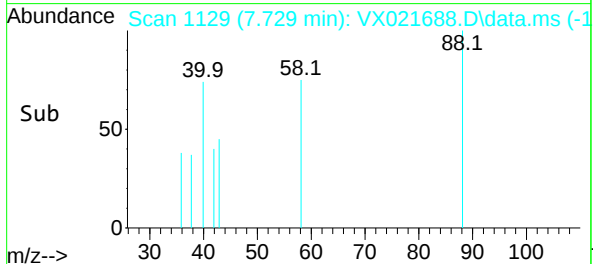
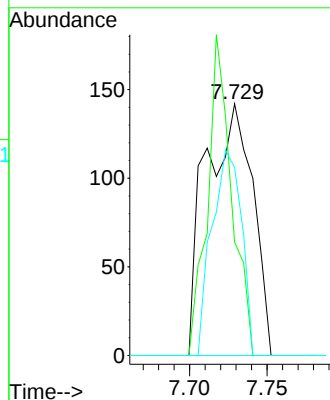
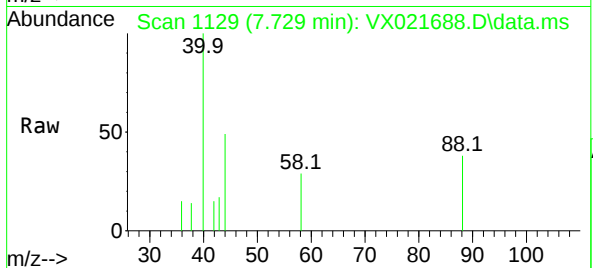
RT: 7.729 min Scan# 1129

Delta R.T. 0.017 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

Tgt Ion:	88	Resp:	299
Ion	Ratio	Lower	Upper
88	100		
43	65.2	23.2	34.8#
58	51.5	55.0	82.4#



#50

Toluene-d8

Concen: 49.43 ug/l

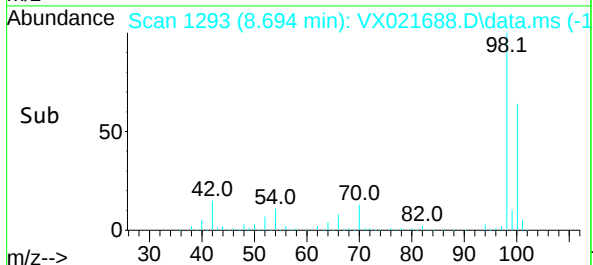
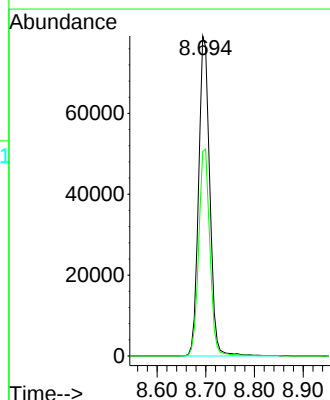
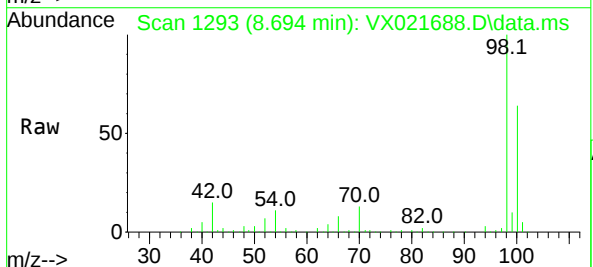
RT: 8.694 min Scan# 1293

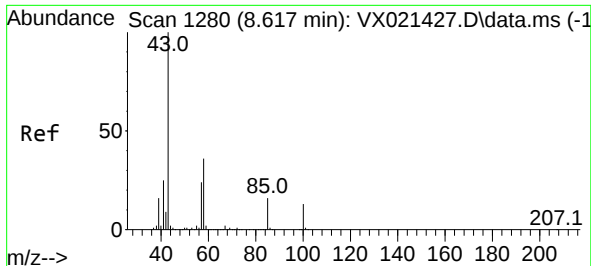
Delta R.T. -0.000 min

Lab File: VX021688.D

Acq: 31 Mar 2021 16:16

Tgt Ion:	98	Resp:	126449
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9

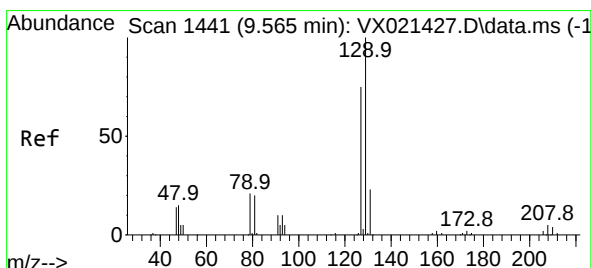
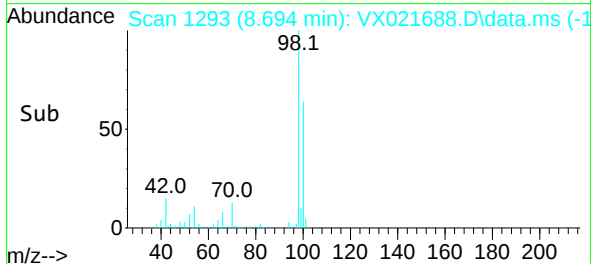
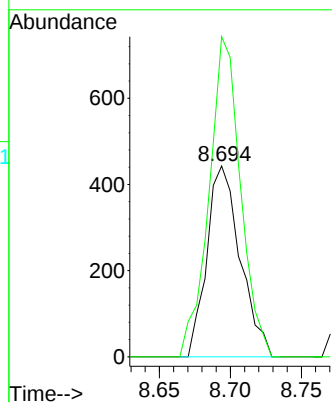
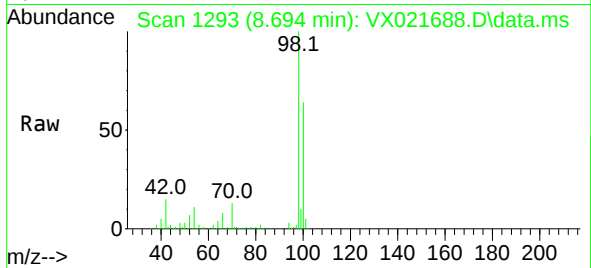




#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

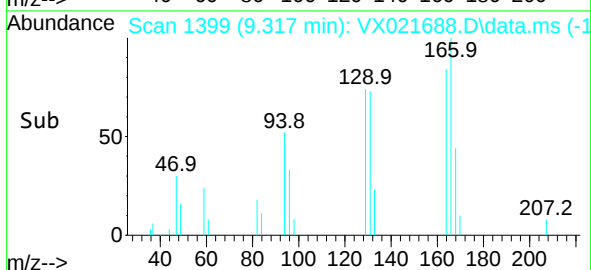
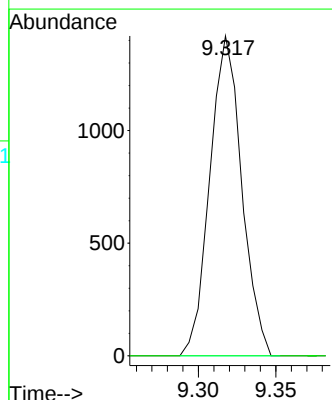
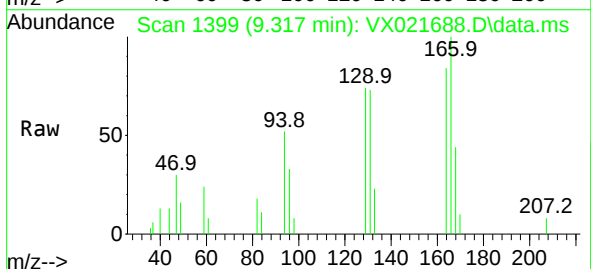
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

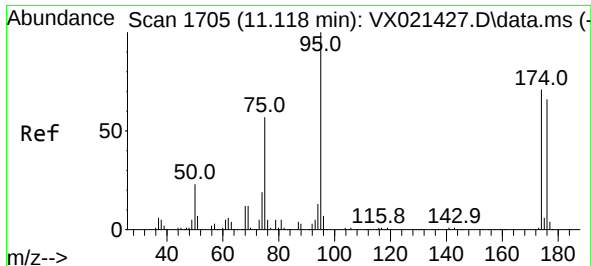
Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 158.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.48 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.248 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 129 Resp: 2033
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

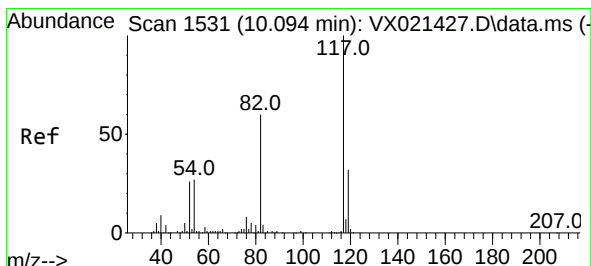
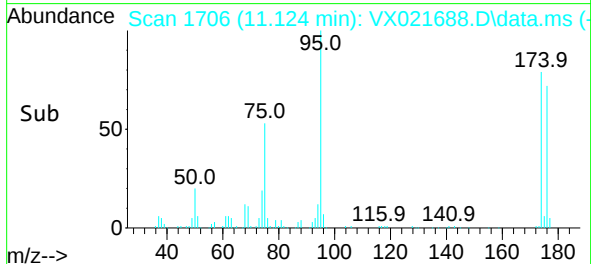
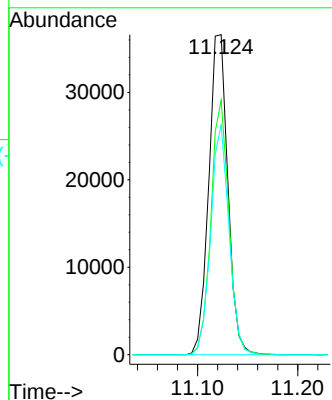
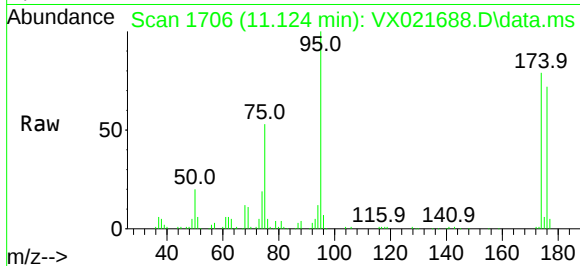




#62
4-Bromofluorobenzene
Concen: 48.77 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

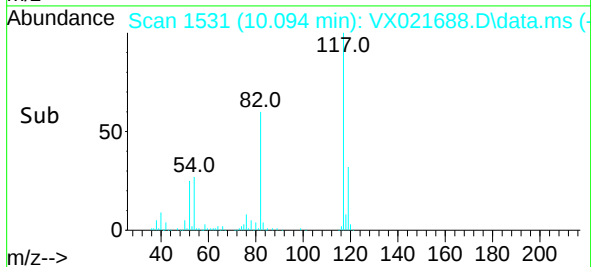
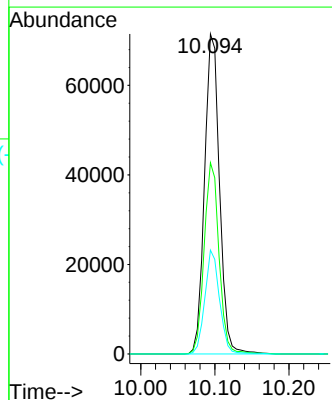
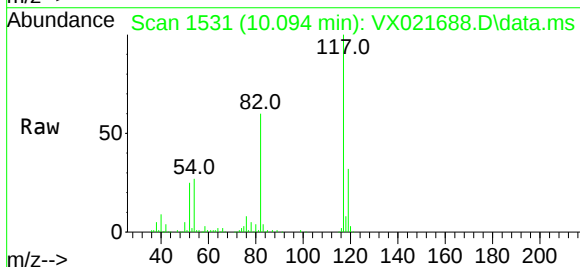
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

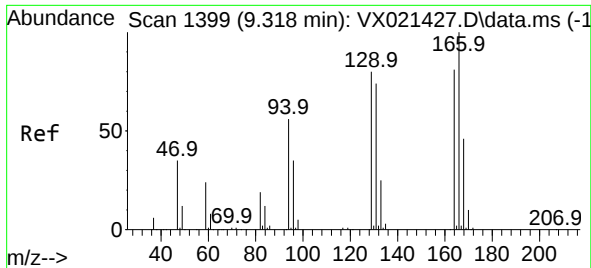
Tgt Ion:	95	Resp:	48511
Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	154.6
176	68.8	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion:	117	Resp:	100500
Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.4	71.2
119	32.5	26.6	39.8



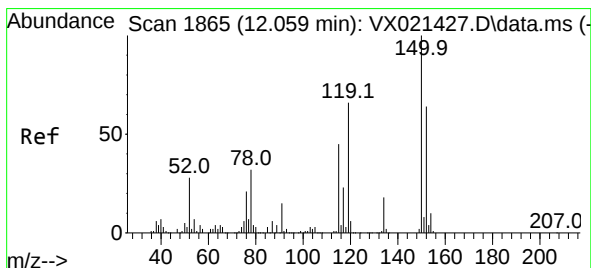
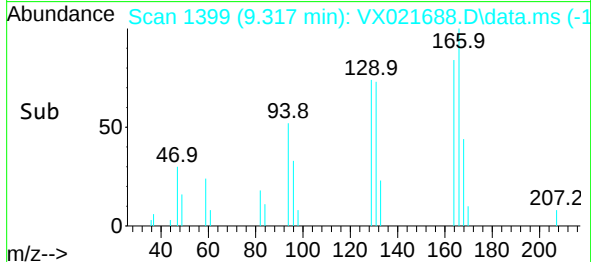
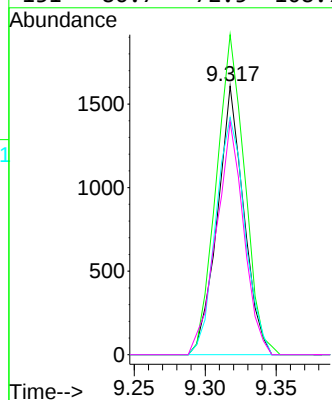
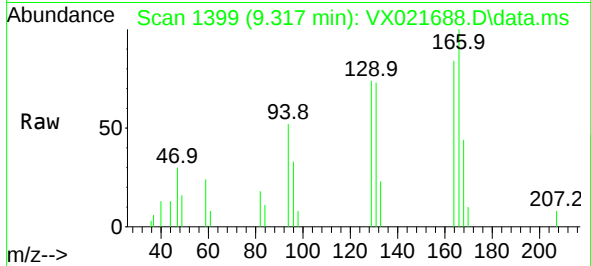


#64
Tetrachloroethene
Concen: 3.08 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

Tgt Ion:164 Resp: 2073

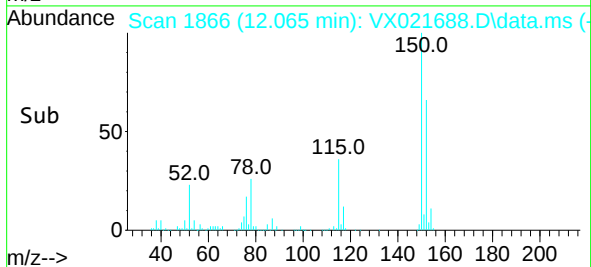
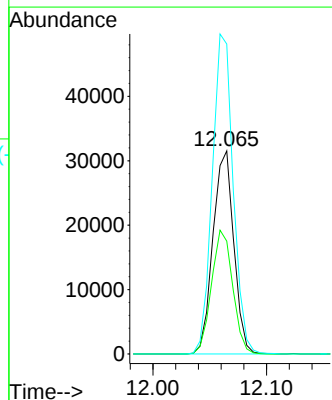
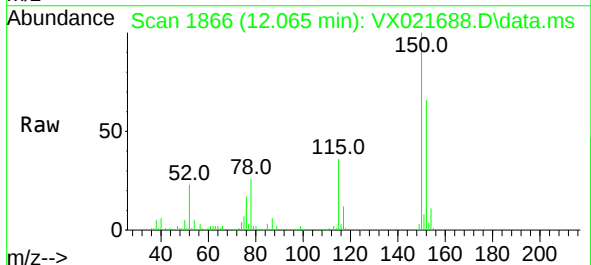
Ion	Ratio	Lower	Upper
164	100		
166	119.1	103.4	155.2
129	88.3	70.8	106.2
131	86.7	72.5	108.7

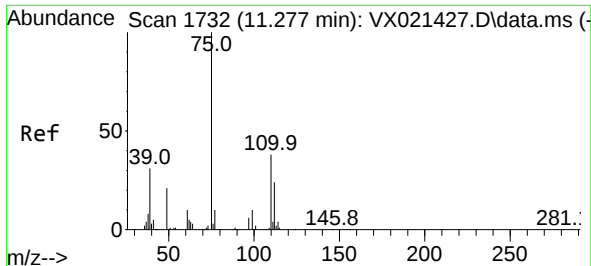


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion:152 Resp: 40236

Ion	Ratio	Lower	Upper
152	100		
115	61.9	41.1	123.3
150	157.6	0.0	349.0

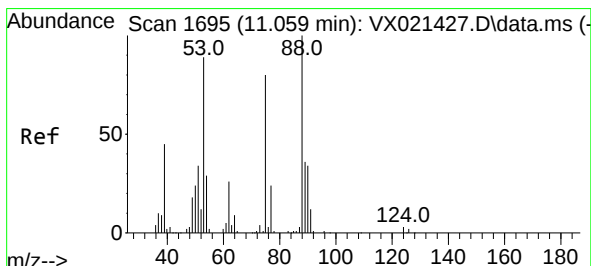
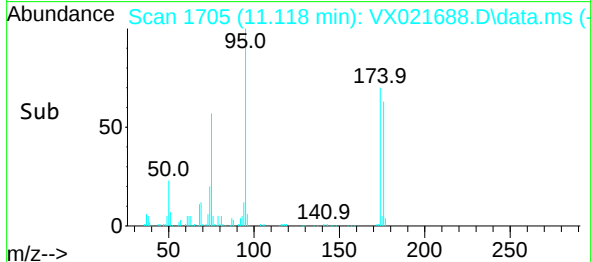
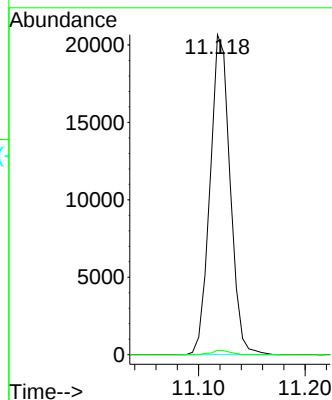
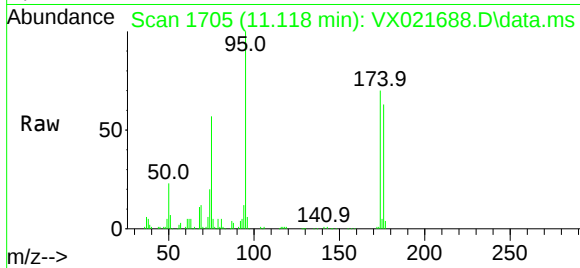




#76
1,2,3-Trichloropropane
Concen: 28.82 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210323

Tgt Ion: 75 Resp: 26992
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.77 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021688.D
Acq: 31 Mar 2021 16:16

Tgt Ion: 75 Resp: 26992
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

