

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021627.D
 Acq On : 30 Mar 2021 14:24
 Operator : JC/MD
 Sample : M1735-15DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D1-20210316DL

Quant Time: Mar 31 04:57:57 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)

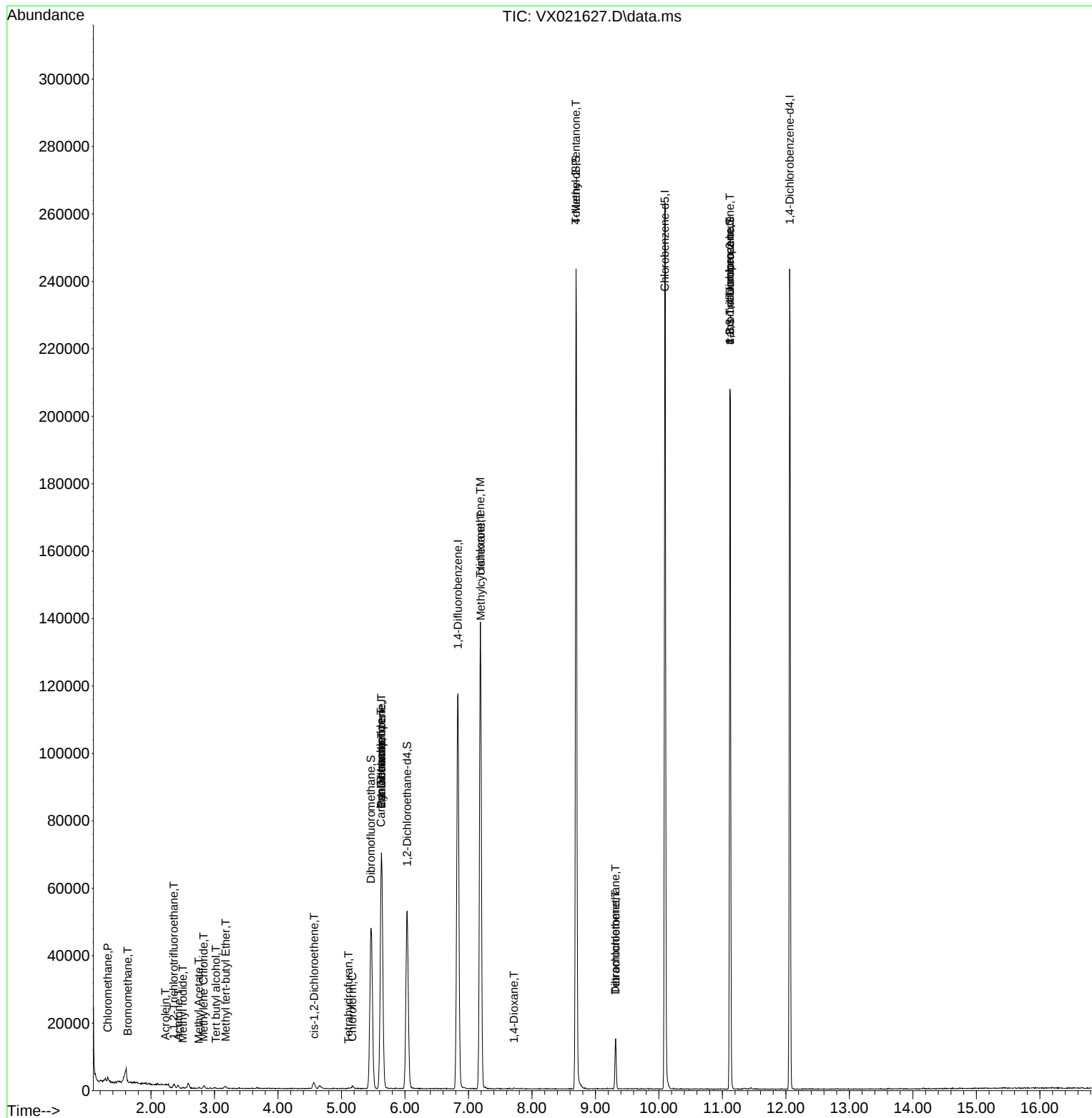
Internal Standards						
1) Pentafluorobenzene	5.629	168	61100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	110149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	45819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	52056	51.20	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.40%	
35) Dibromofluoromethane	5.464	113	40576	51.86	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.72%	
50) Toluene-d8	8.694	98	138517	49.68	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.36%	
62) 4-Bromofluorobenzene	11.118	95	54569	50.34	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.68%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1462	1.93	ug/l	93
5) Bromomethane	1.634	94	187	0.68	ug/l #	62
9) 1,1,2-Trichlorotrifluo...	2.358	101	405	0.64	ug/l	94
10) Methyl Iodide	2.499	142	86	6.79	ug/l #	67
11) Tert butyl alcohol	3.023	59	130	0.77	ug/l #	73
13) Acrolein	2.228	56	21	4.54	ug/l #	58
16) Acetone	2.428	43	824	2.14	ug/l #	81
18) Methyl Acetate	2.752	43	289	0.26	ug/l #	47
19) Methyl tert-butyl Ether	3.176	73	696	0.30	ug/l #	89
20) Methylene Chloride	2.828	84	318	0.42	ug/l	89
27) cis-1,2-Dichloroethene	4.570	96	1155	1.47	ug/l	98
29) Tetrahydrofuran	5.111	42	152	0.40	ug/l #	27
30) Chloroform	5.170	83	365	0.26	ug/l	96
31) Cyclohexane	5.629	56	1620	1.45	ug/l #	5
36) 1,1-Dichloropropene	5.629	75	5482	5.08	ug/l #	50
38) Carbon Tetrachloride	5.623	117	6768	5.84	ug/l #	16
39) Methylcyclohexane	7.194	83	766	0.64	ug/l #	1
44) Trichloroethene	7.188	130	48757	60.29	ug/l	98
49) 1,4-Dioxane	7.717	88	164	8.47	ug/l #	70
51) 4-Methyl-2-Pentanone	8.694	43	901	0.72	ug/l #	1
60) Dibromochloromethane	9.318	129	2566	2.87	ug/l #	11
64) Tetrachloroethene	9.318	164	2642	3.57	ug/l	92
76) 1,2,3-Trichloropropane	11.118	75	30162	28.28	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30162	86.13	ug/l #	12

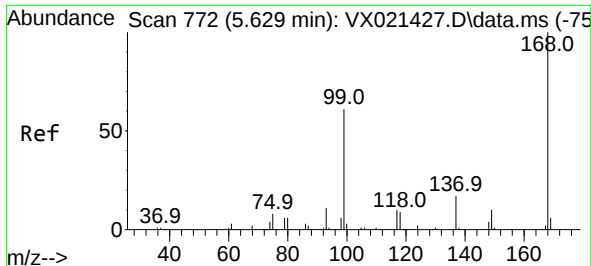
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
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TT101D1-20210316DL

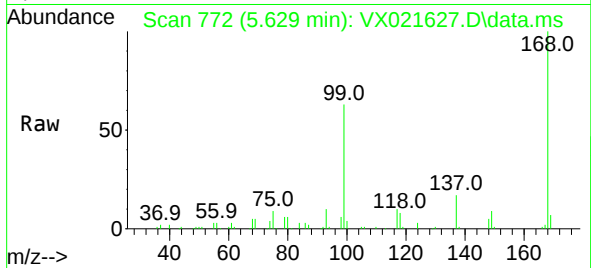
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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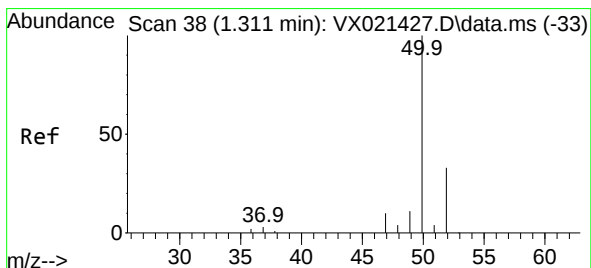
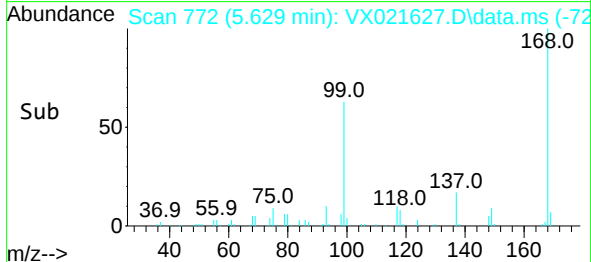
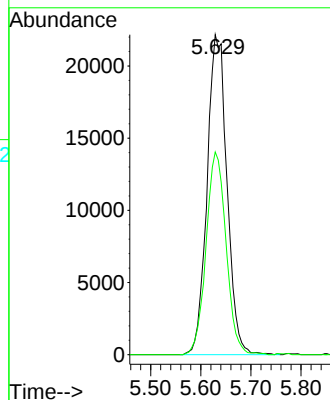


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL

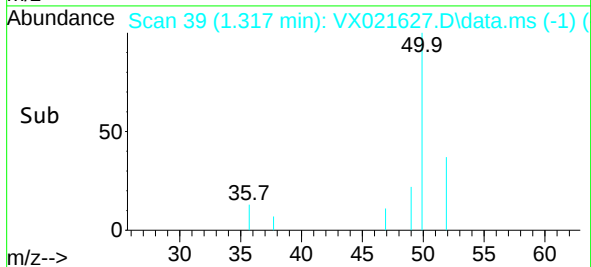
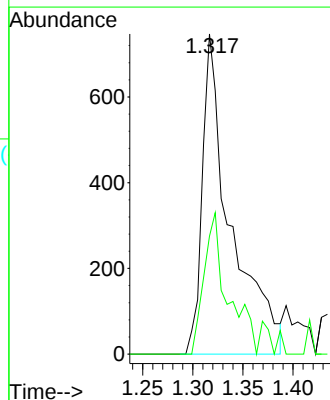
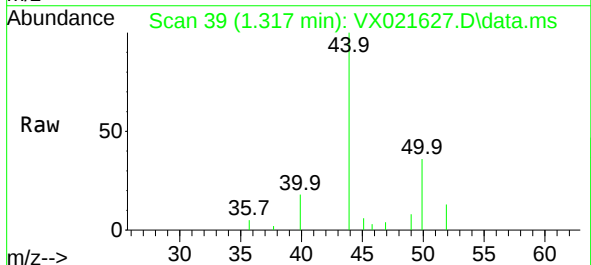


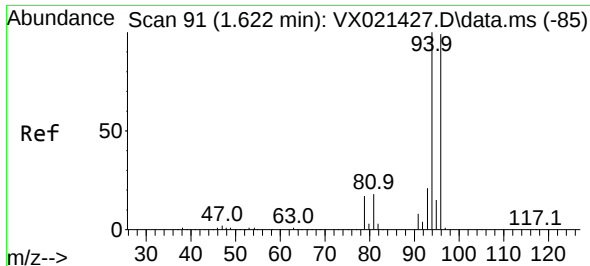
Tgt Ion:168 Resp: 61100
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#3
Chloromethane
Concen: 1.93 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Tgt Ion: 50 Resp: 1462
Ion Ratio Lower Upper
50 100
52 36.8 26.4 39.6

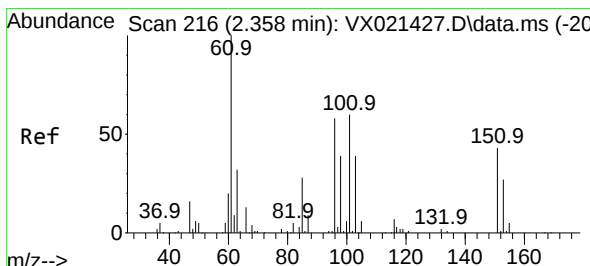
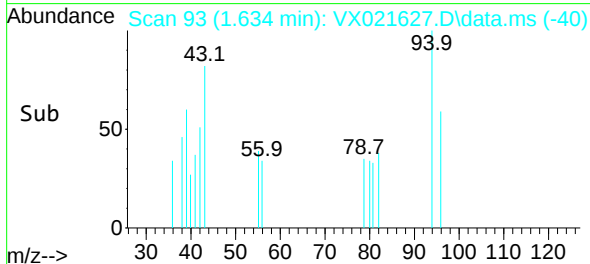
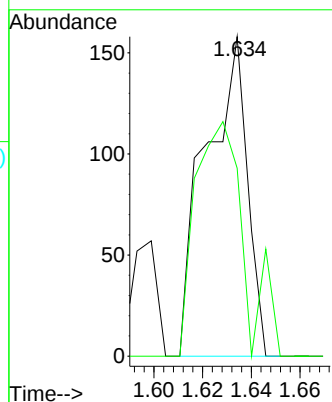
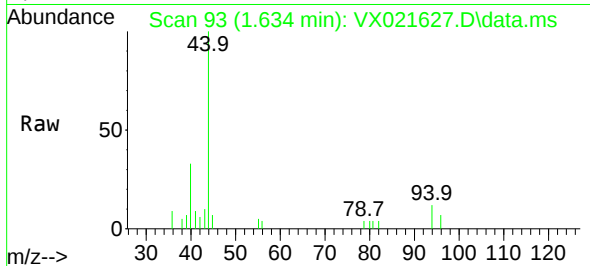




#5
Bromomethane
Concen: 0.68 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

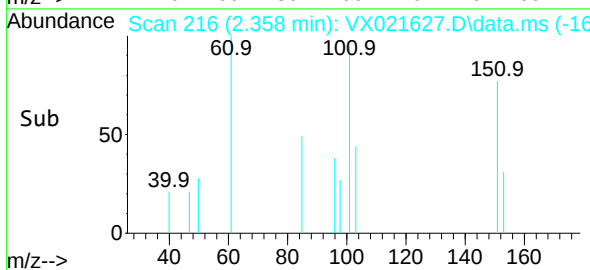
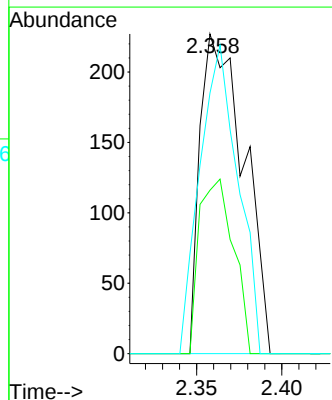
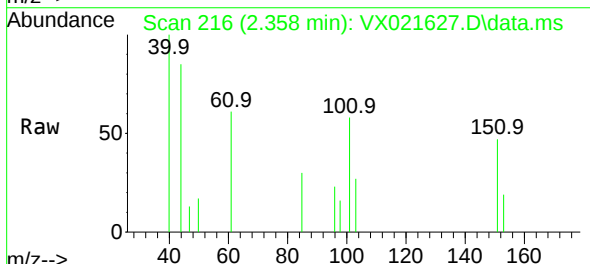
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL

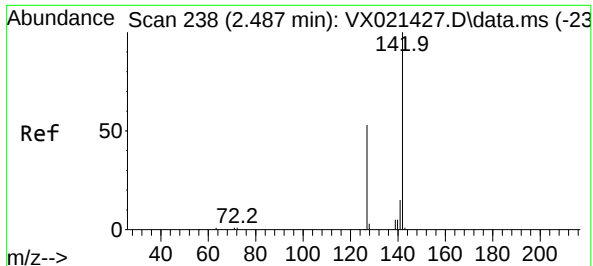
Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 58.9 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.64 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

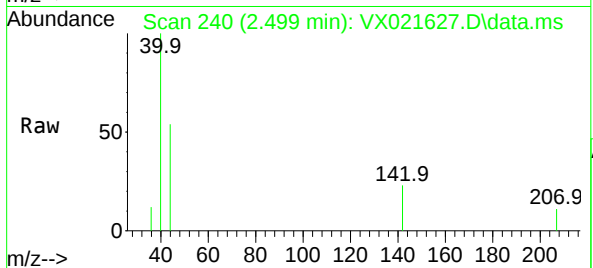
Tgt Ion: 101 Resp: 405
Ion Ratio Lower Upper
101 100
85 42.7 34.9 52.3
151 84.2 61.4 92.2



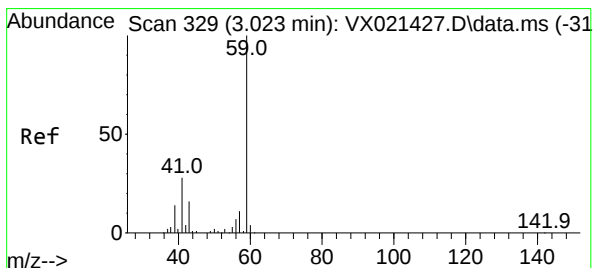
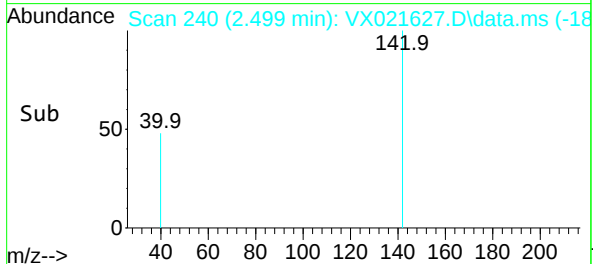
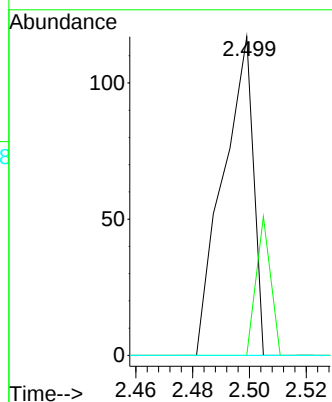


#10
Methyl Iodide
Concen: 6.79 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL

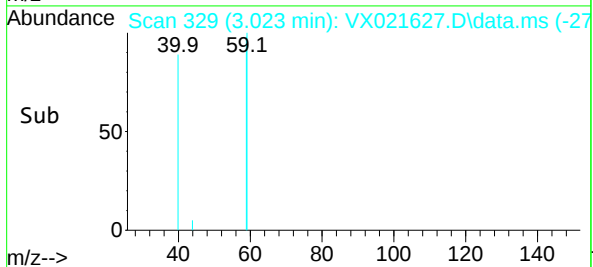
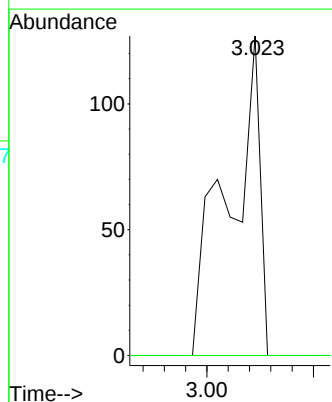
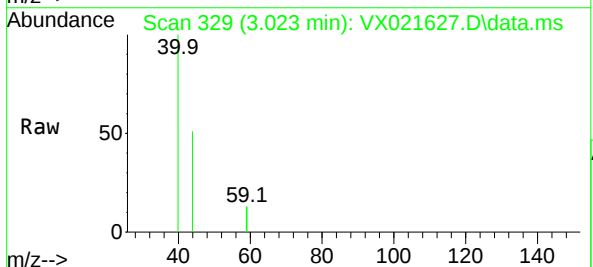


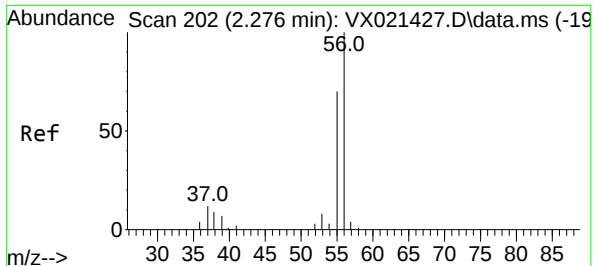
Tgt Ion:142 Resp: 86
Ion Ratio Lower Upper
142 100
127 20.9 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.77 ug/l
RT: 3.023 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

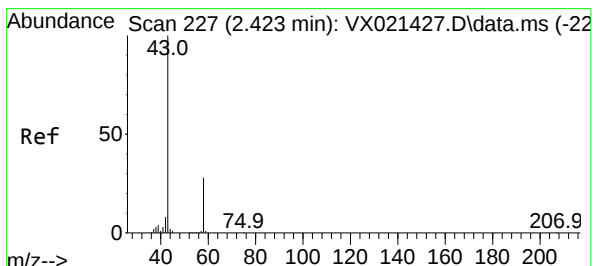
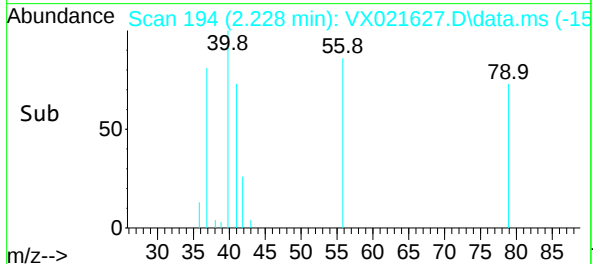
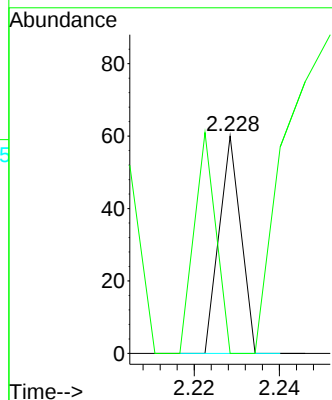
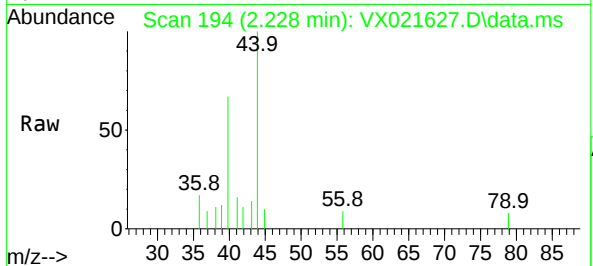




#13
Acrolein
Concen: 4.54 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

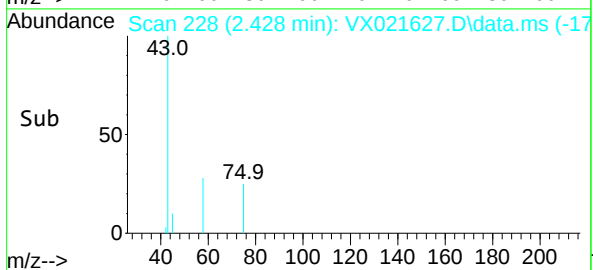
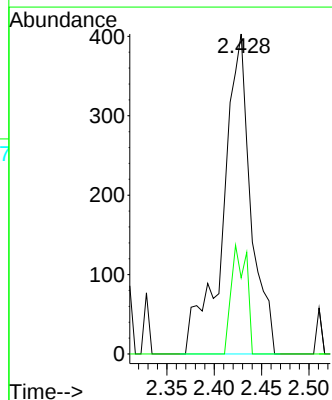
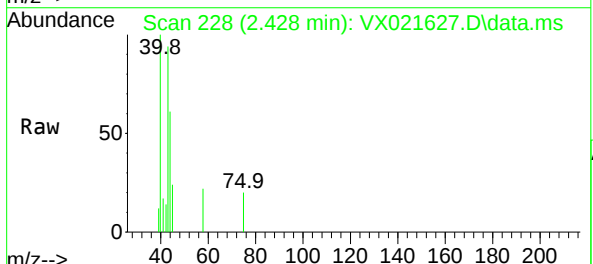
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL

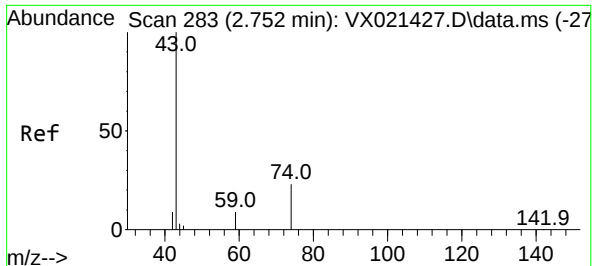
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 104.8 56.4 84.6#



#16
Acetone
Concen: 2.14 ug/l
RT: 2.428 min Scan# 228
Delta R.T. 0.005 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 23.8 27.8 41.8#

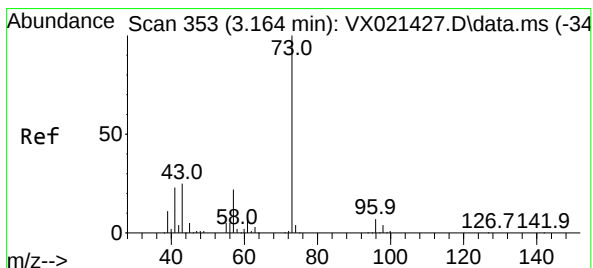
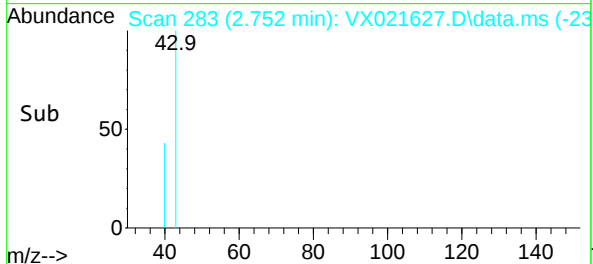
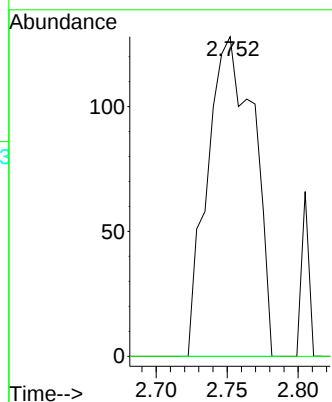
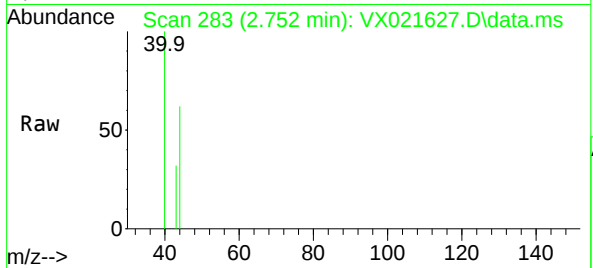




#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

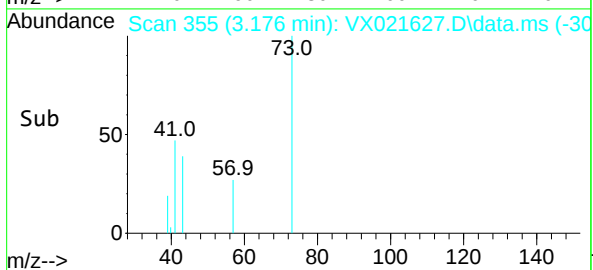
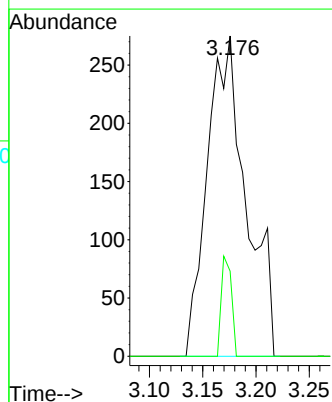
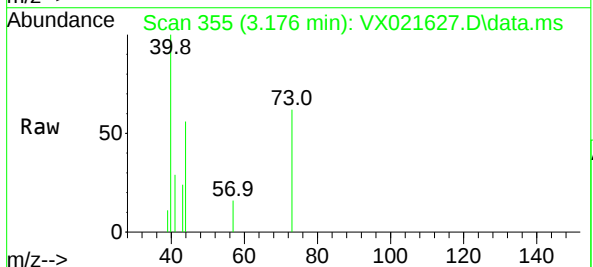
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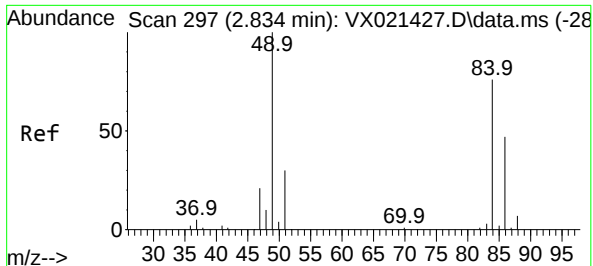
Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 0.30 ug/l
RT: 3.176 min Scan# 355
Delta R.T. 0.012 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Tgt Ion: 73 Resp: 696
Ion Ratio Lower Upper
73 100
57 26.5 17.1 25.7#





#20

Methylene Chloride

Concen: 0.42 ug/l

RT: 2.828 min Scan# 296

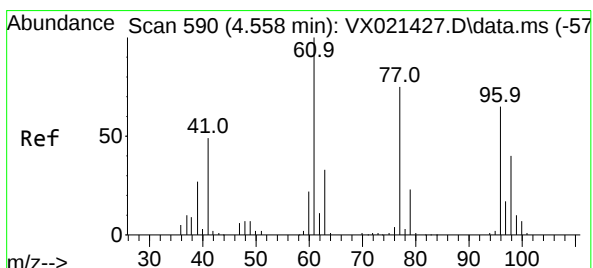
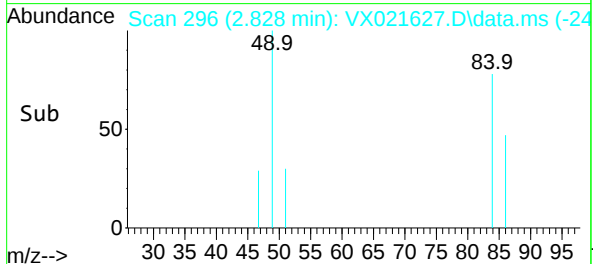
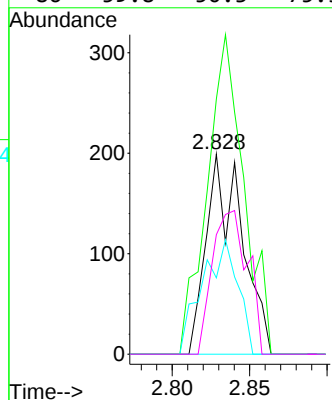
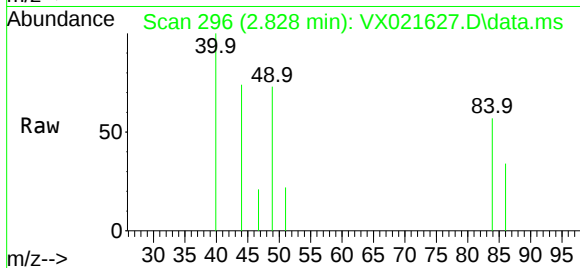
Delta R.T. -0.006 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

Tgt Ion: 84 Resp: 318

Ion	Ratio	Lower	Upper
84	100		
49	127.6	88.6	132.8
51	38.2	27.0	40.6
86	59.8	50.3	75.5



#27

cis-1,2-Dichloroethene

Concen: 1.47 ug/l

RT: 4.570 min Scan# 592

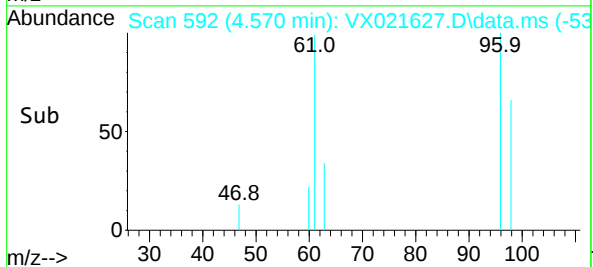
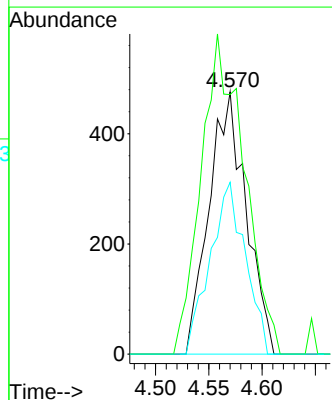
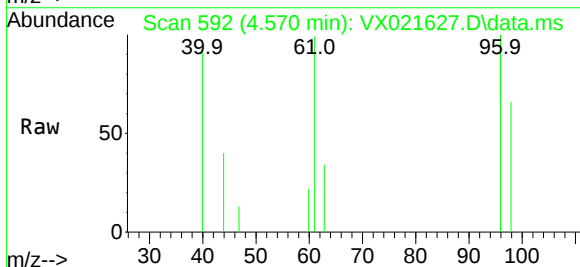
Delta R.T. 0.012 min

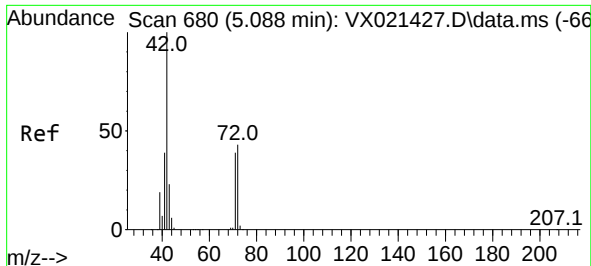
Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

Tgt Ion: 96 Resp: 1155

Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	285.6
98	62.2	0.0	129.6





#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.111 min Scan# 684

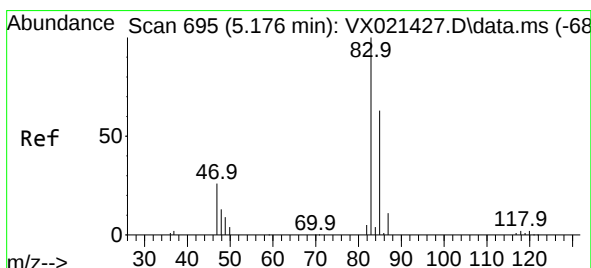
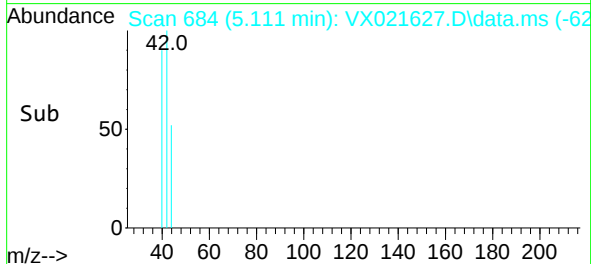
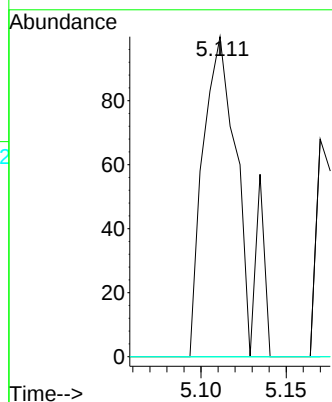
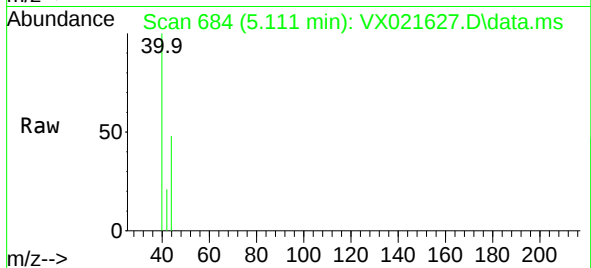
Delta R.T. 0.023 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

Tgt Ion: 42	Resp: 152
Ion Ratio	Lower Upper
42	100
72	0.0 41.7 62.5#
71	0.0 38.4 57.6#

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL



#30

Chloroform

Concen: 0.26 ug/l

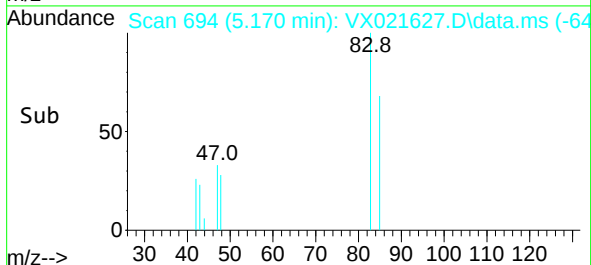
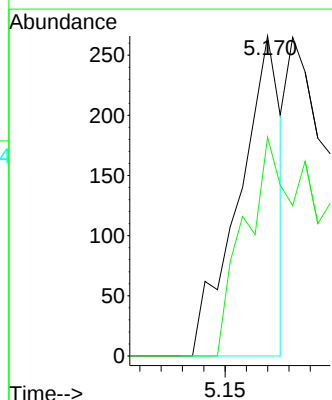
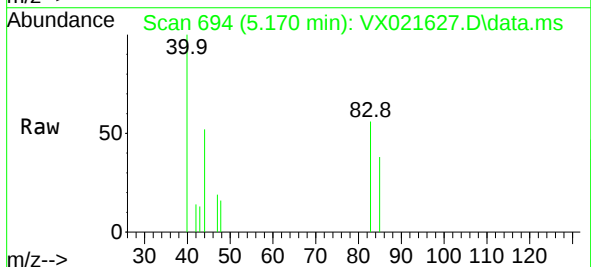
RT: 5.170 min Scan# 694

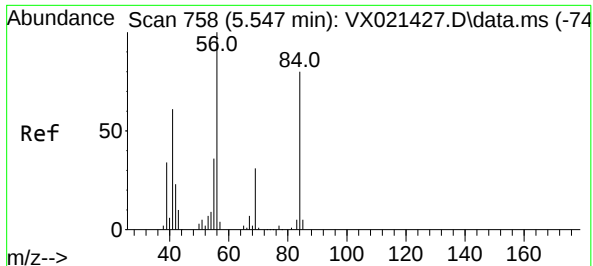
Delta R.T. -0.006 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

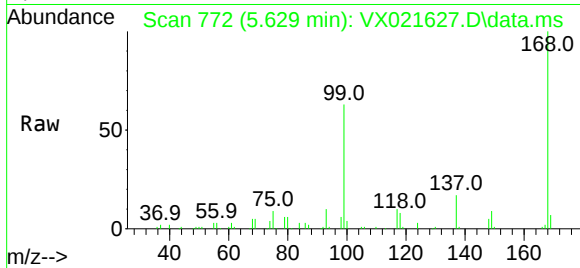
Tgt Ion: 83	Resp: 365
Ion Ratio	Lower Upper
83	100
85	68.4 52.0 78.0



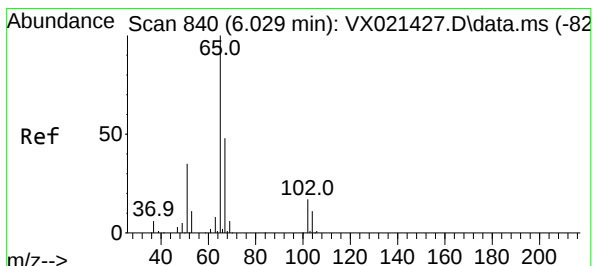
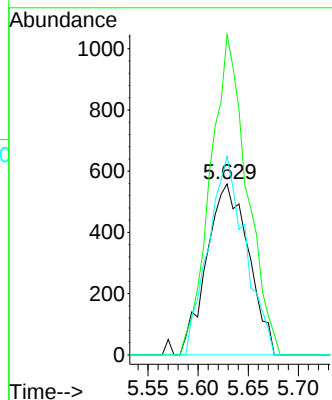
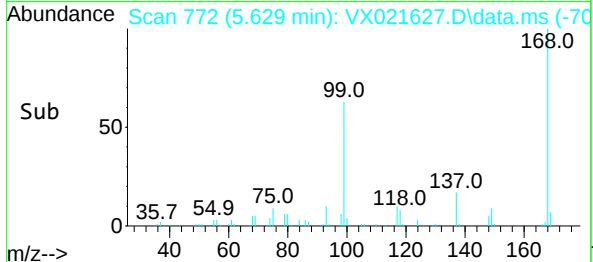


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

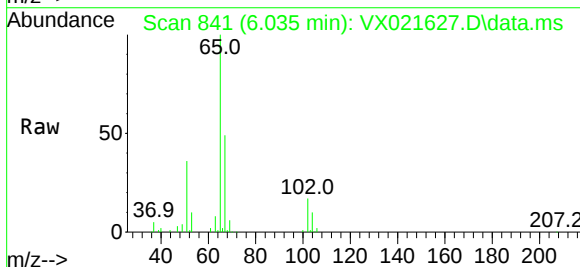
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL



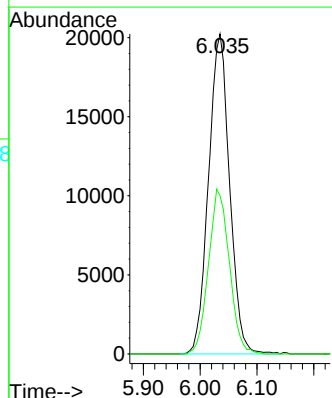
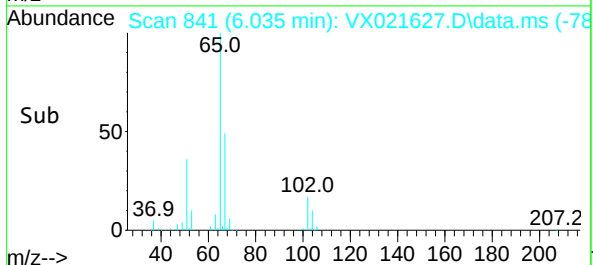
Tgt Ion: 56 Resp: 1620
Ion Ratio Lower Upper
56 100
69 187.5 25.3 37.9#
84 116.1 71.4 107.0#

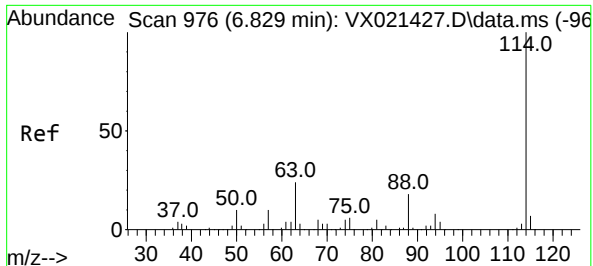


#33
1,2-Dichloroethane-d4
Concen: 51.20 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24



Tgt Ion: 65 Resp: 52056
Ion Ratio Lower Upper
65 100
67 51.0 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: VX021627.D

Acq: 30 Mar 2021 14:24

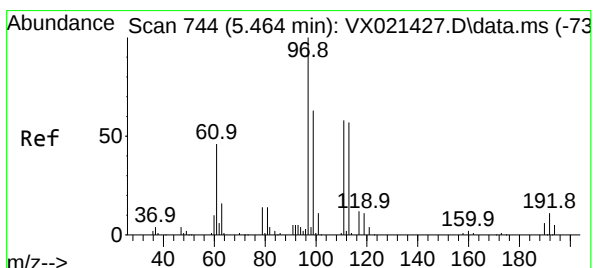
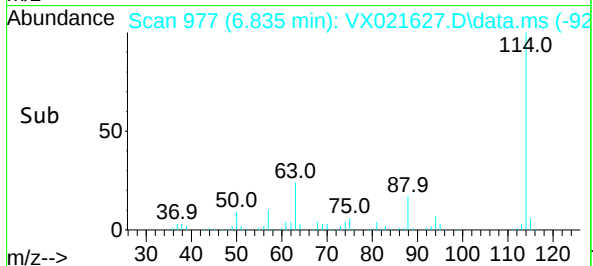
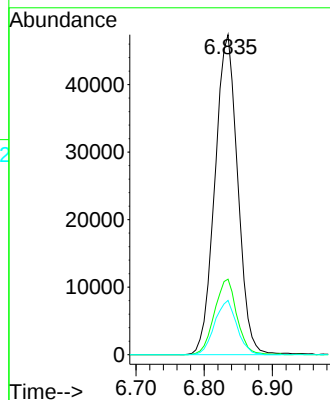
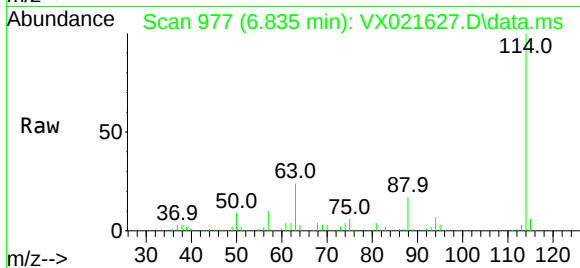
Tgt Ion:114 Resp: 110149

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.8

88 16.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.86 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

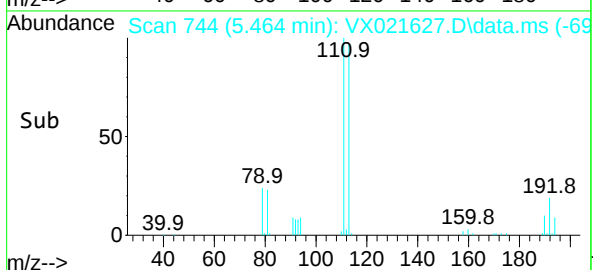
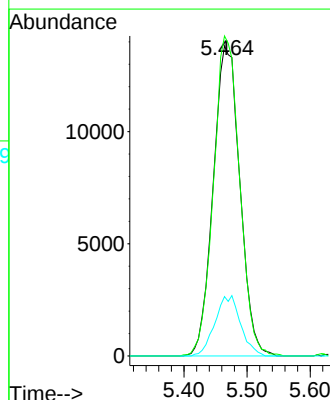
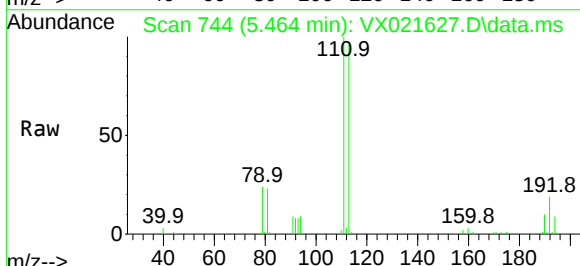
Tgt Ion:113 Resp: 40576

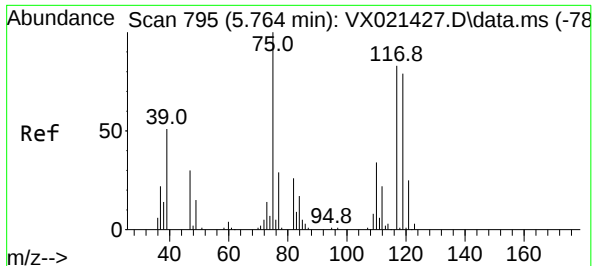
Ion Ratio Lower Upper

113 100

111 100.8 81.9 122.9

192 18.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.08 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.135 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

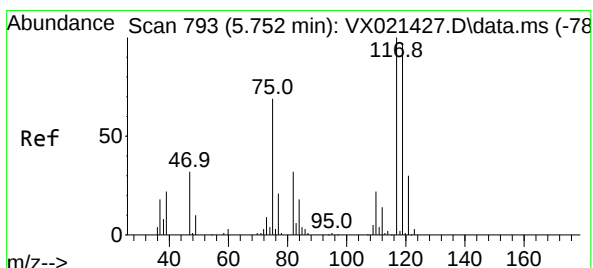
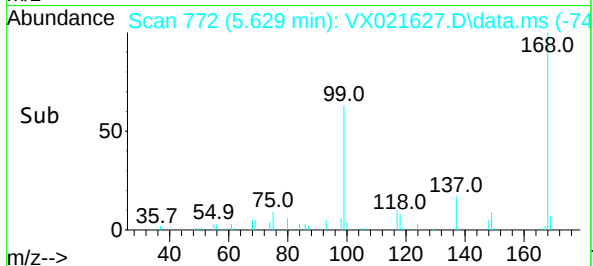
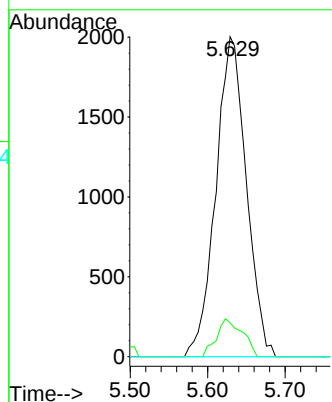
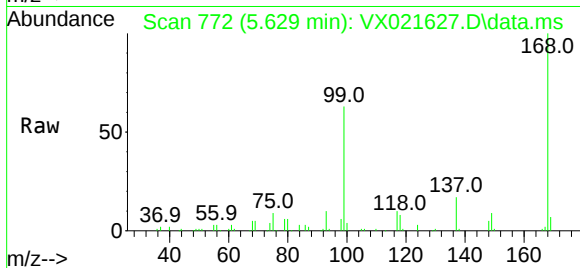
Tgt Ion:	75	Resp:	5482
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20210316DL



#38

Carbon Tetrachloride

Concen: 5.84 ug/l

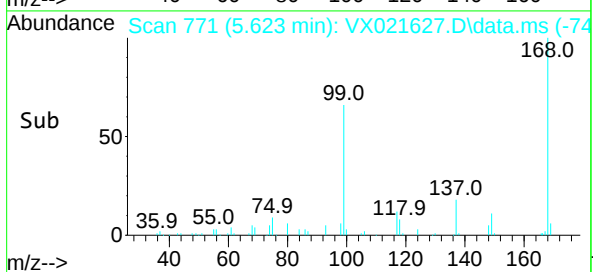
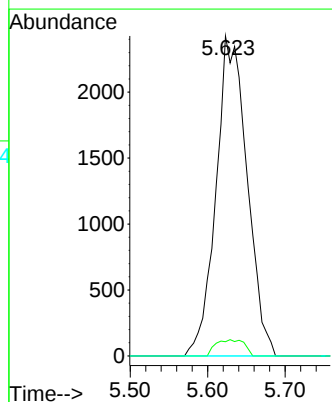
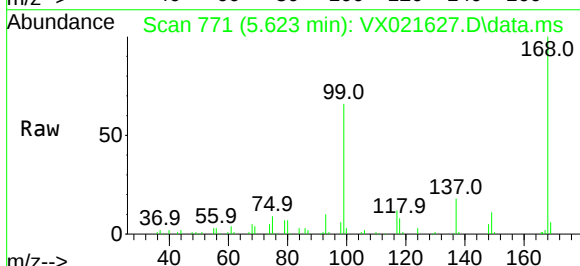
RT: 5.623 min Scan# 771

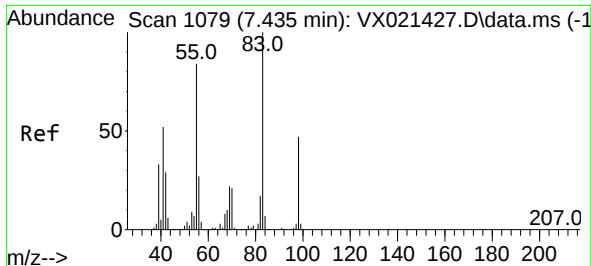
Delta R.T. -0.129 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

Tgt Ion:	117	Resp:	6768
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.64 ug/l

RT: 7.194 min Scan# 1038

Delta R.T. -0.241 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

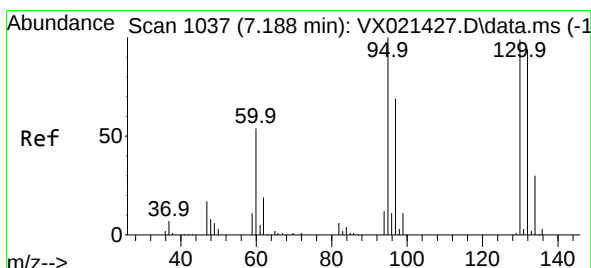
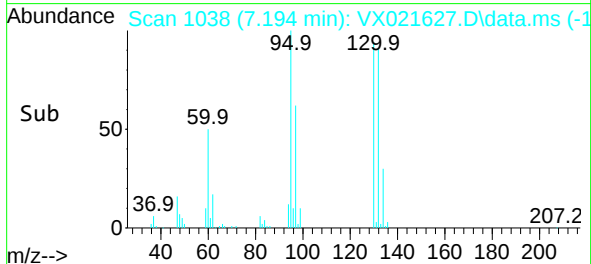
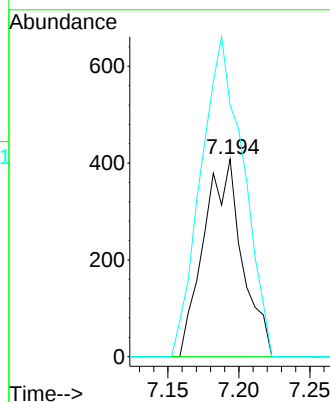
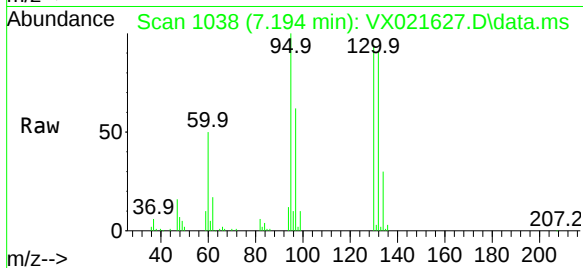
Instrument :

MSVOA_X

ClientSampleId :

TT101D1-20210316DL

Tgt Ion: 83	Resp: 766
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 127.2	38.1 57.1#



#44

Trichloroethene

Concen: 60.29 ug/l

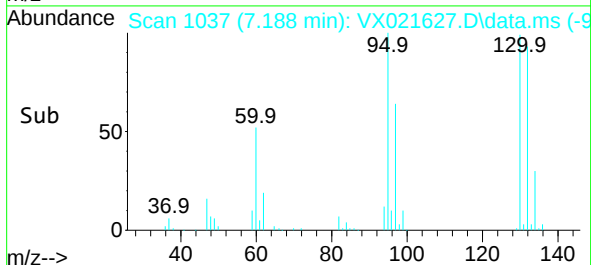
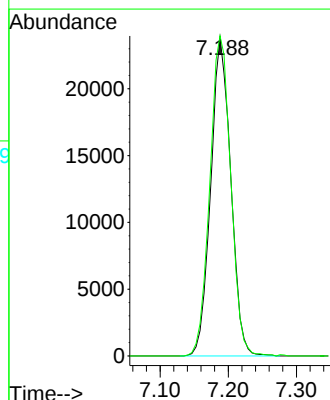
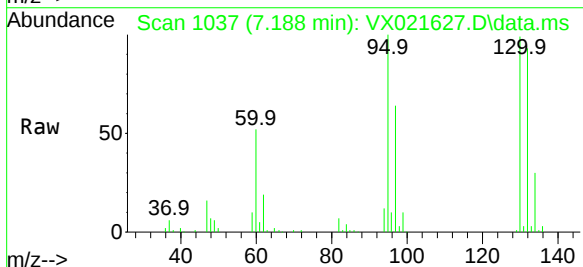
RT: 7.188 min Scan# 1037

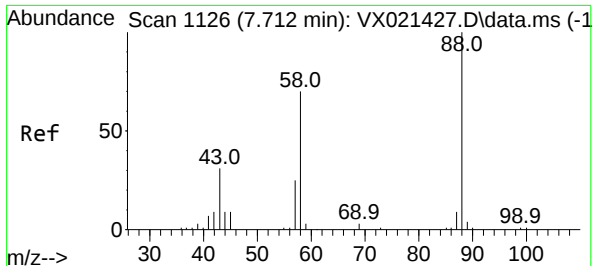
Delta R.T. -0.000 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

Tgt Ion: 130	Resp: 48757
Ion Ratio	Lower Upper
130 100	
95 100.6	0.0 198.0





#49

1,4-Dioxane

Concen: 8.47 ug/l

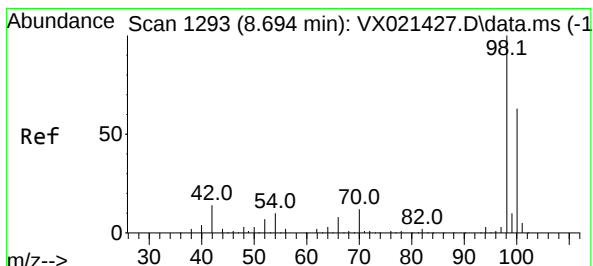
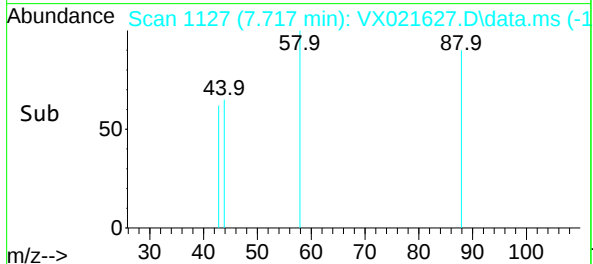
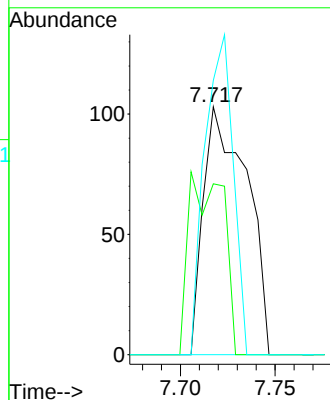
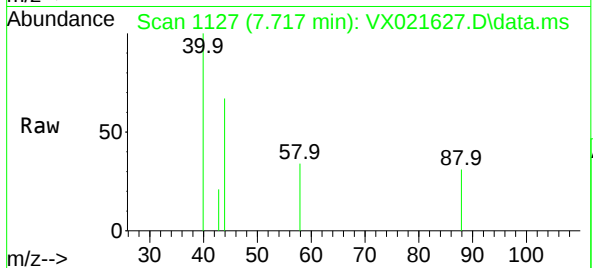
RT: 7.717 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

Tgt Ion:	88	Resp:	164
Ion	Ratio	Lower	Upper
88	100		
43	59.1	23.2	34.8#
58	84.1	55.0	82.4#



#50

Toluene-d8

Concen: 49.68 ug/l

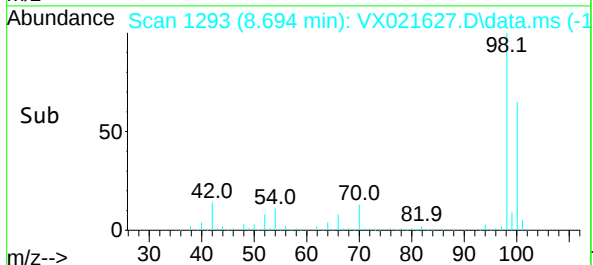
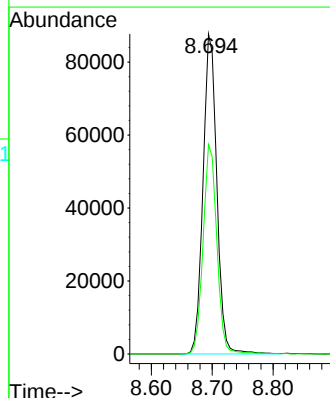
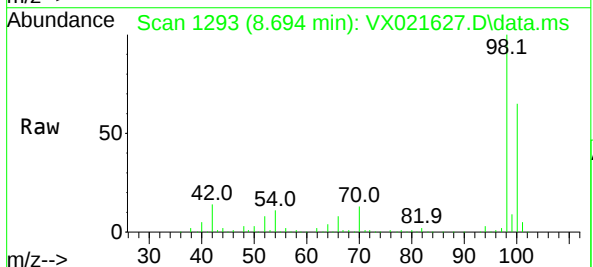
RT: 8.694 min Scan# 1293

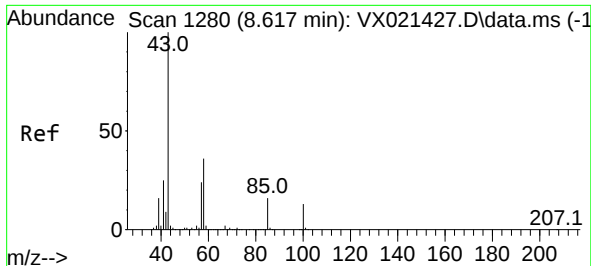
Delta R.T. -0.000 min

Lab File: VX021627.D

Acq: 30 Mar 2021 14:24

Tgt Ion:	98	Resp:	138517
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9

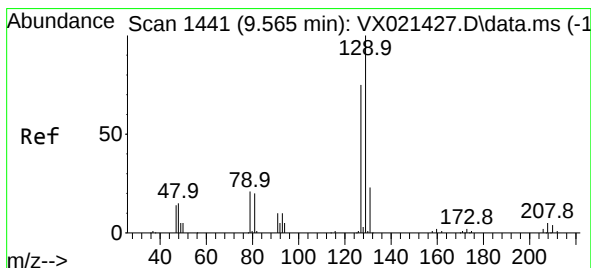
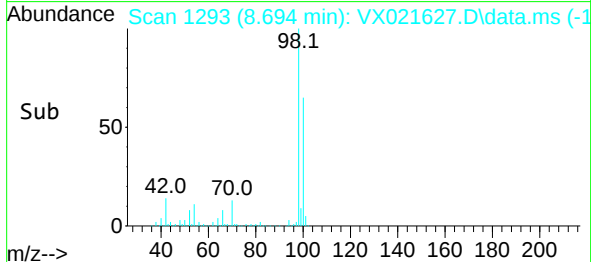
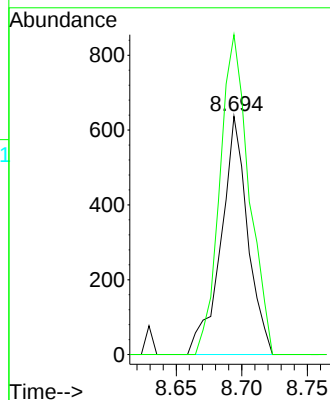
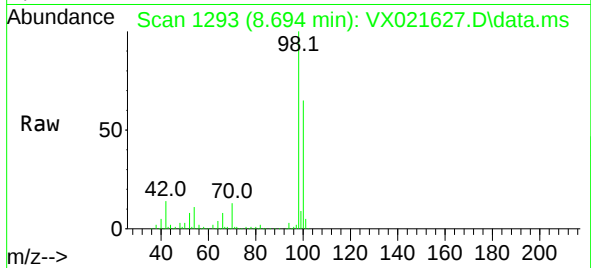




#51
4-Methyl-2-Pentanone
Concen: 0.72 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

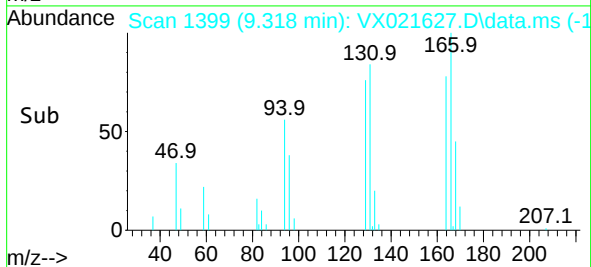
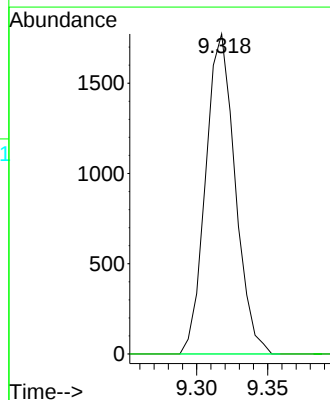
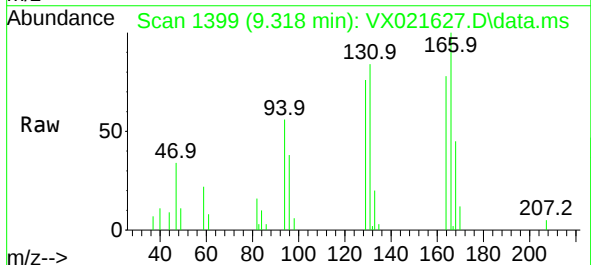
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL

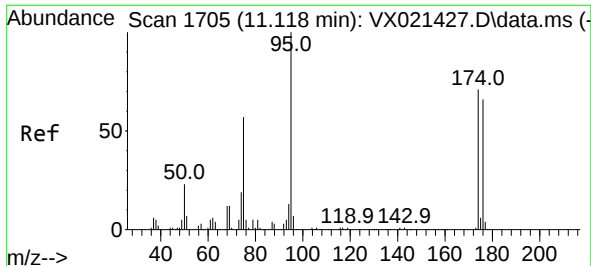
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 146.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.87 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Tgt Ion: 129 Resp: 2566
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

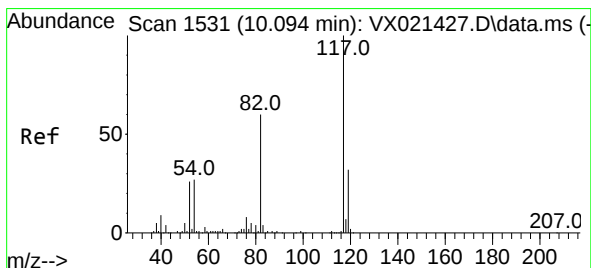
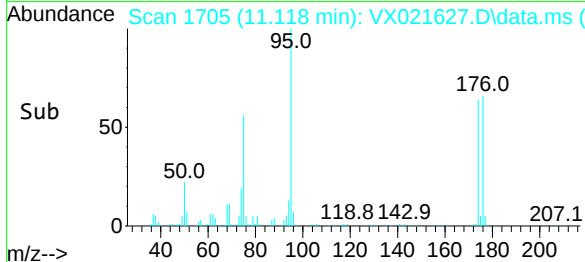
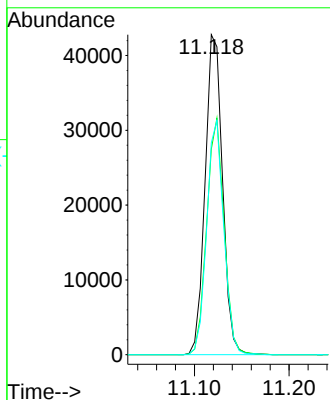
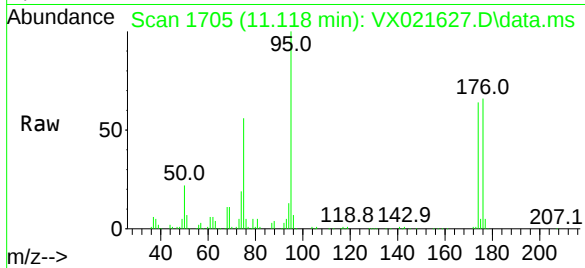




#62
4-Bromofluorobenzene
Concen: 50.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

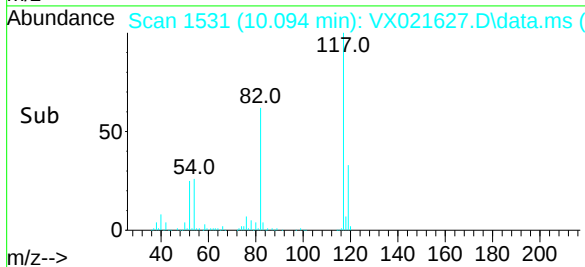
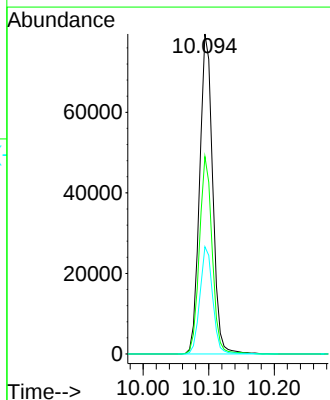
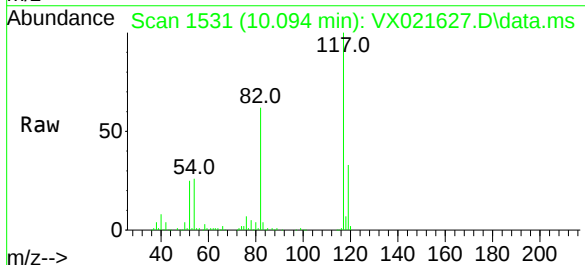
Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL

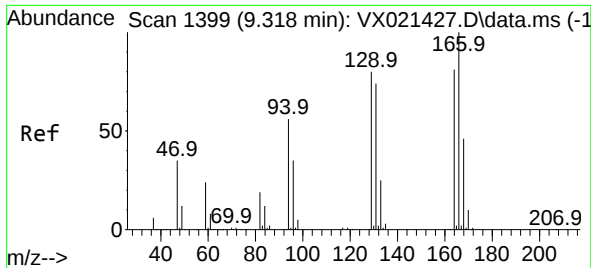
Tgt Ion: 95 Resp: 54569
Ion Ratio Lower Upper
95 100
174 73.7 0.0 154.6
176 71.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Tgt Ion: 117 Resp: 110347
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 33.5 26.6 39.8



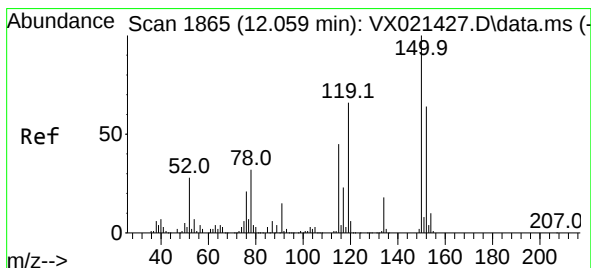
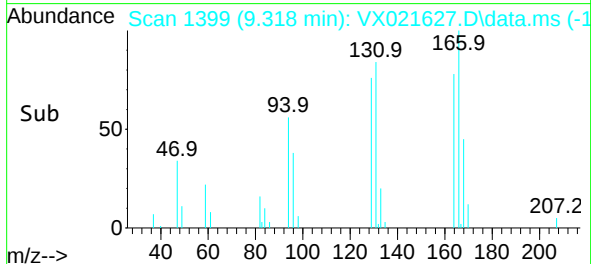
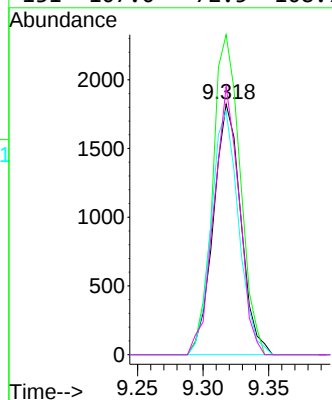
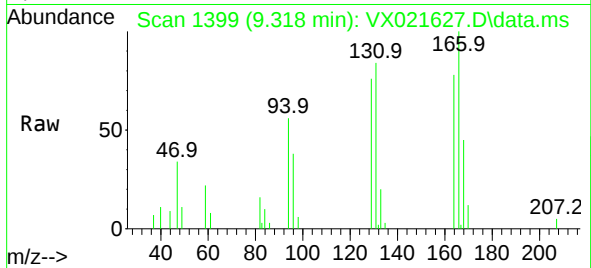


#64
Tetrachloroethene
Concen: 3.57 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL

Tgt Ion:164 Resp: 2642

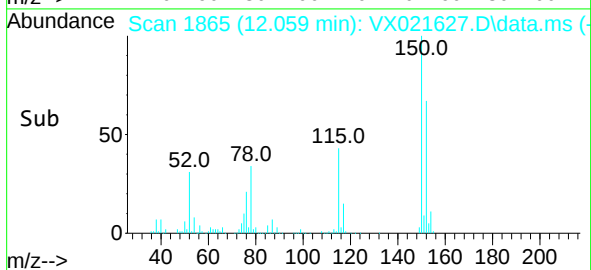
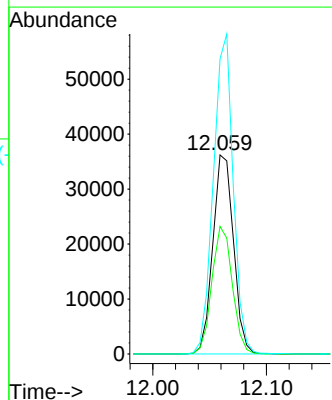
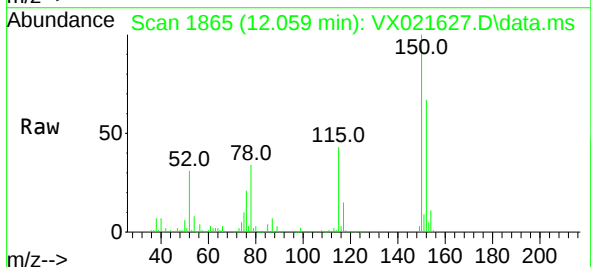
Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.4	155.2
129	97.2	70.8	106.2
131	107.0	72.5	108.7

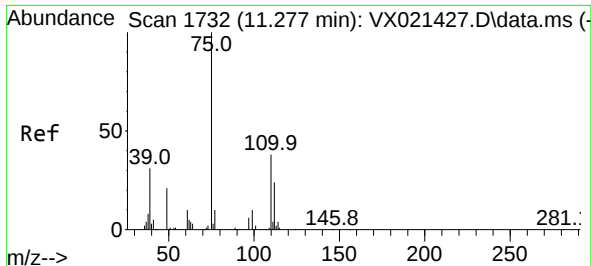


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Tgt Ion:152 Resp: 45819

Ion	Ratio	Lower	Upper
152	100		
115	63.4	41.1	123.3
150	154.2	0.0	349.0

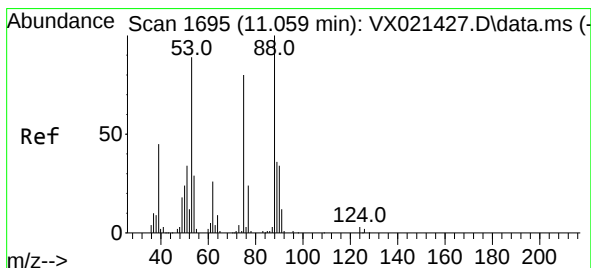
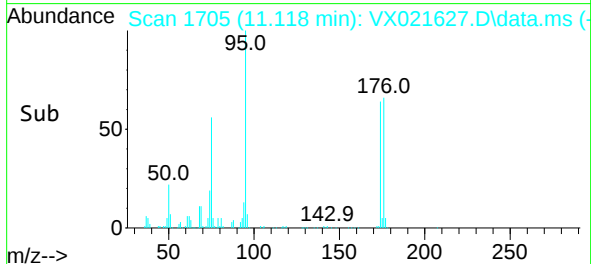
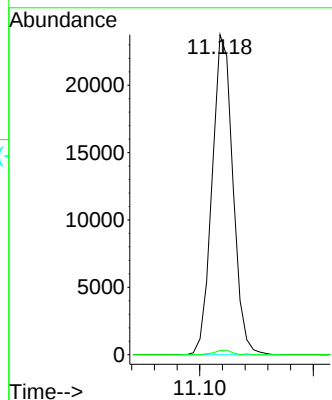
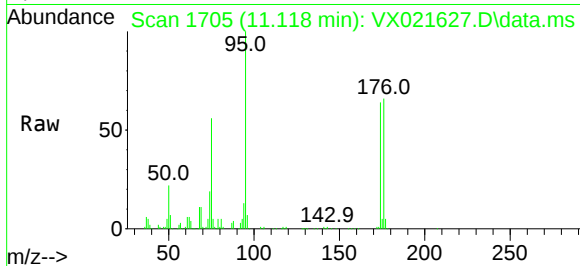




#76
1,2,3-Trichloropropane
Concen: 28.28 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Instrument :
MSVOA_X
ClientSampleId :
TT101D1-20210316DL

Tgt Ion: 75 Resp: 30162
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021627.D
Acq: 30 Mar 2021 14:24

Tgt Ion: 75 Resp: 30162
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

