

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
 Data File : VX021266.D
 Acq On : 17 Mar 2021 13:05
 Operator : JC/MD
 Sample : M1647-20DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 18 03:52:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

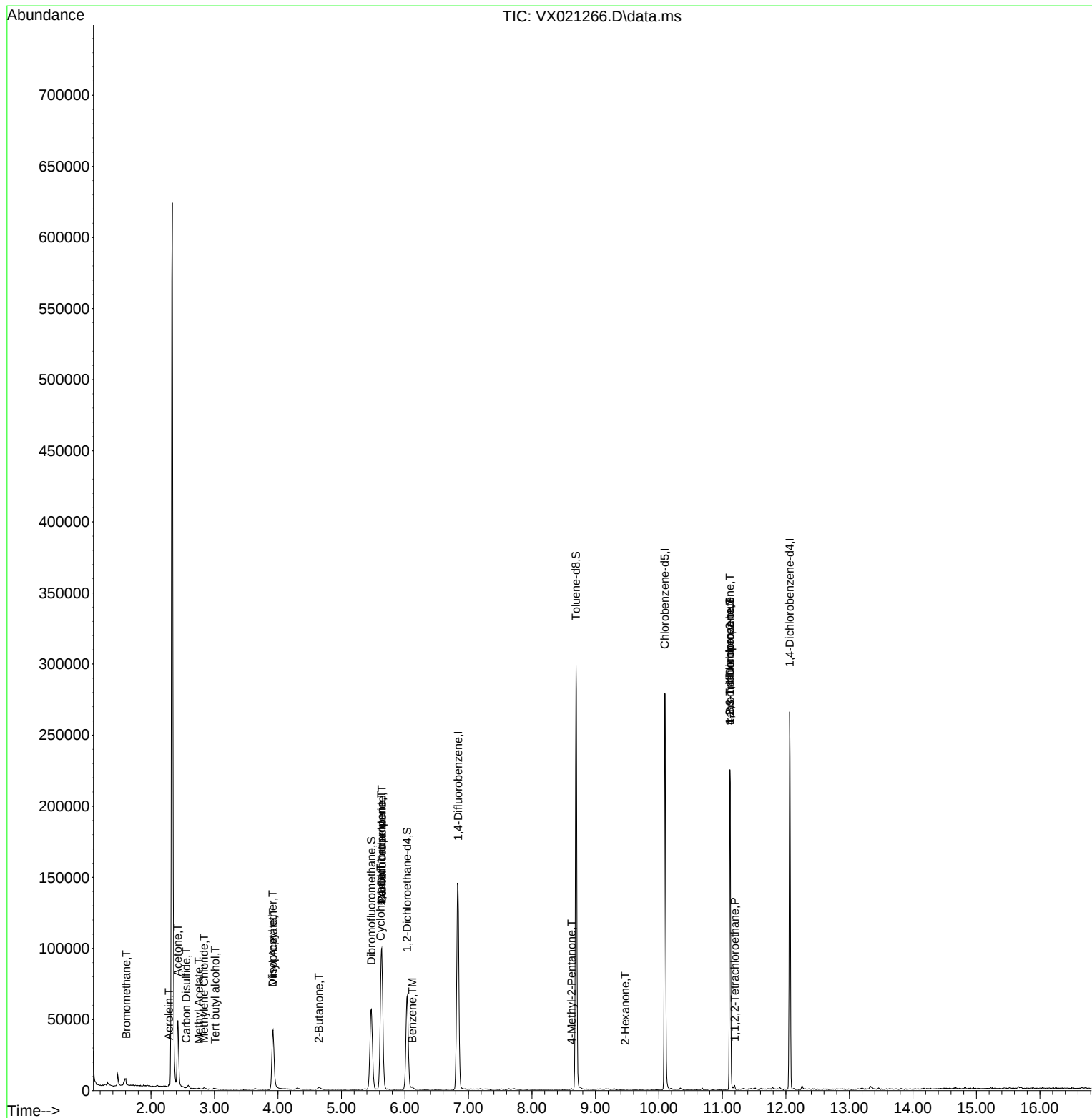
Internal Standards						
1) Pentafluorobenzene	5.635	168	87075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	139335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	65808	46.08	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.16%
35) Dibromofluoromethane	5.470	113	46842	49.40	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.80%
50) Toluene-d8	8.694	98	167753	48.76	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.52%
62) 4-Bromofluorobenzene	11.118	95	59487	44.53	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.06%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	2322	Below Cal		92
5) Bromomethane	1.611	94	102	0.22 ug/l #		2
11) Tert butyl alcohol	3.011	59	587	2.45 ug/l #		73
13) Acrolein	2.281	56	2394	19.61 ug/l		92
16) Acetone	2.423	43	47833	91.02 ug/l		93
17) Carbon Disulfide	2.552	76	233	0.63 ug/l #		75
18) Methyl Acetate	2.752	43	603	0.42 ug/l #		83
20) Methylene Chloride	2.834	84	297	0.27 ug/l #		77
22) Diisopropyl ether	3.917	45	2869	0.82 ug/l #		1
23) Vinyl Acetate	3.923	43	7765	2.53 ug/l #		68
25) 2-Butanone	4.646	43	1583	1.96 ug/l		90
31) Cyclohexane	5.617	56	2362	1.37 ug/l #		41
36) 1,1-Dichloropropene	5.629	75	7900	5.63 ug/l #		49
38) Carbon Tetrachloride	5.635	117	9701	6.65 ug/l #		15
40) Benzene	6.117	78	1473	0.38 ug/l		92
49) 1,4-Dioxane	7.723	88	172	Below Cal #		51
51) 4-Methyl-2-Pentanone	8.623	43	560	0.36 ug/l #		53
59) 2-Hexanone	9.471	43	316	0.27 ug/l #		19
75) 1,1,2,2-Tetrachloroethane	11.194	83	974	0.82 ug/l #		32
76) 1,2,3-Trichloropropane	11.118	75	32923	29.42 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.118	75	32923	79.88 ug/l #		12

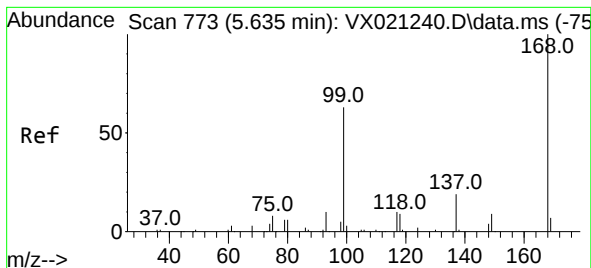
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 18 03:52:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.635 min Scan# 773

Delta R.T. -0.000 min

Lab File: VX021266.D

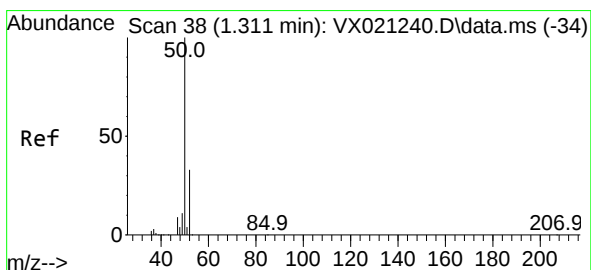
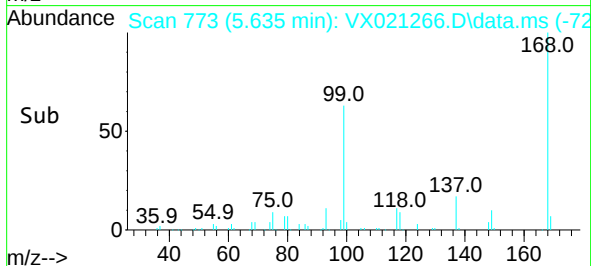
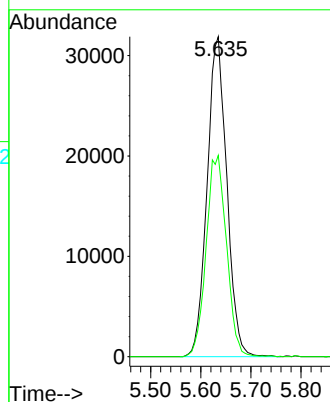
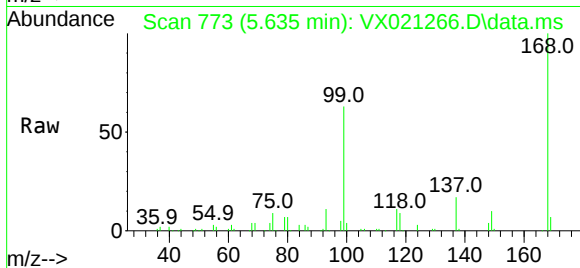
Acq: 17 Mar 2021 13:05

Tgt Ion:168 Resp: 87075

Ion Ratio Lower Upper

168 100

99 62.9 45.8 68.6



#3

Chloromethane

Concen: Below Cal

RT: 1.317 min Scan# 39

Delta R.T. 0.006 min

Lab File: VX021266.D

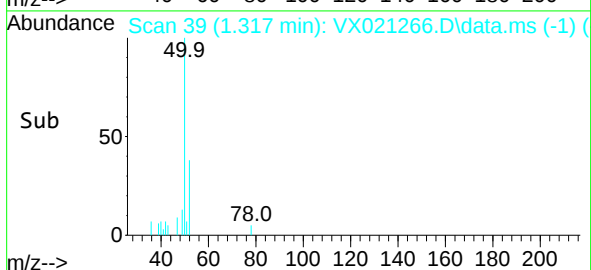
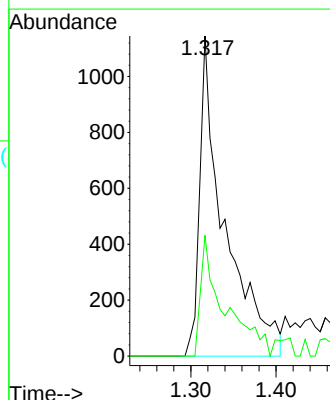
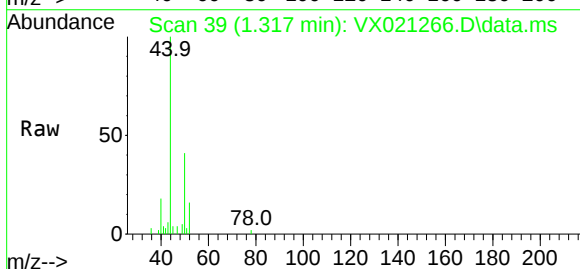
Acq: 17 Mar 2021 13:05

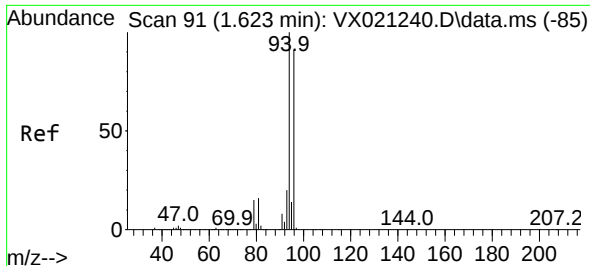
Tgt Ion: 50 Resp: 2322

Ion Ratio Lower Upper

50 100

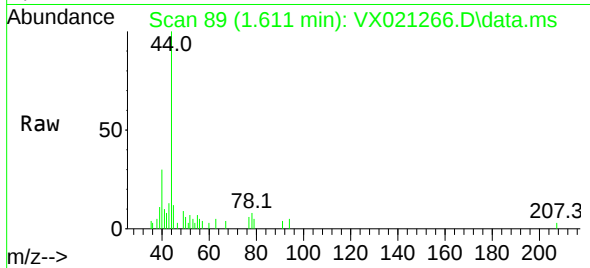
52 37.7 26.4 39.6



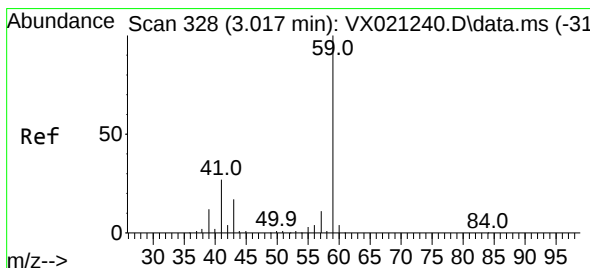
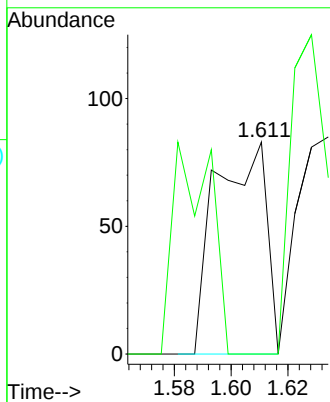
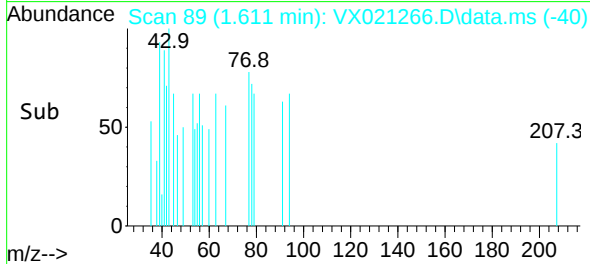


#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.611 min Scan# 89
Delta R.T. -0.012 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

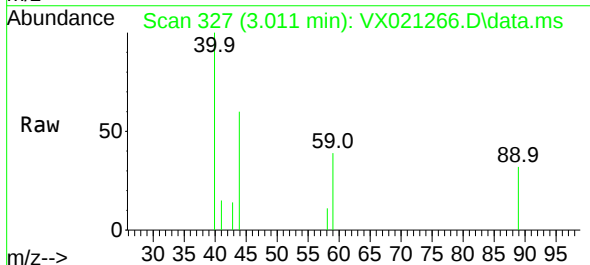
Instrument :
MSVOA_X
ClientSampled :



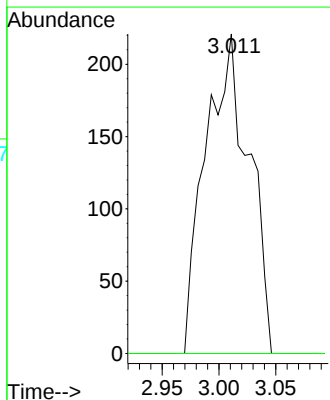
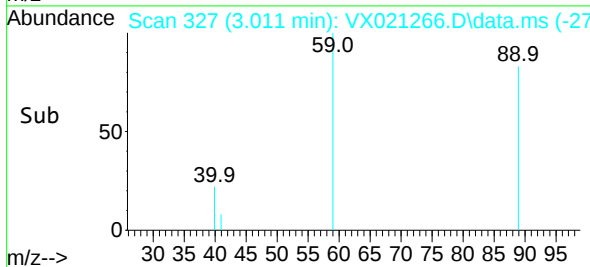
Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

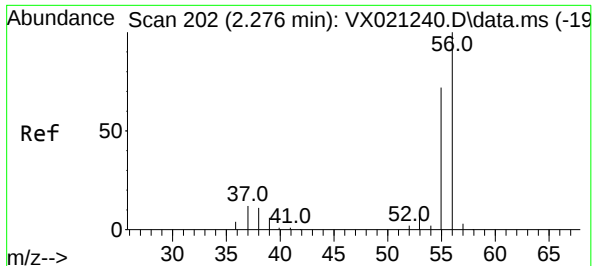


#11
Tert butyl alcohol
Concen: 2.45 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05



Tgt Ion: 59 Resp: 587
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

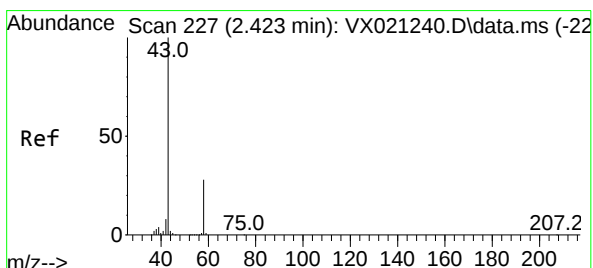
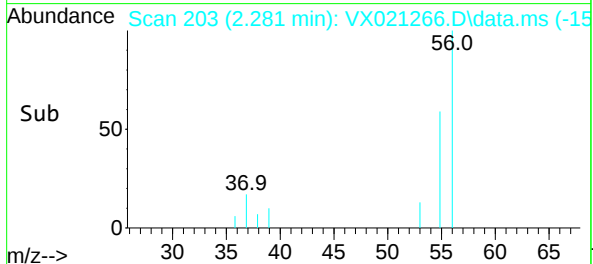
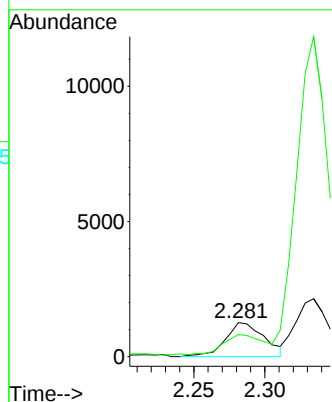
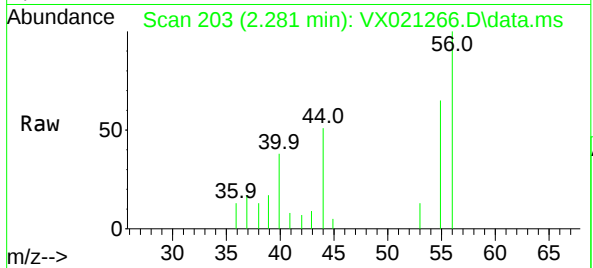




#13
Acrolein
Concen: 19.61 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

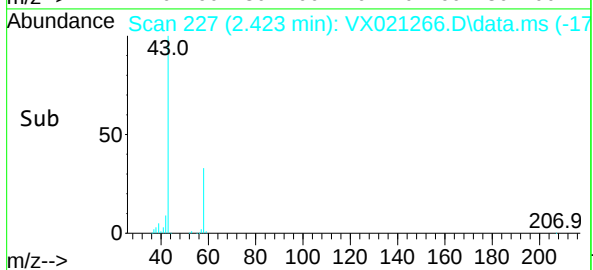
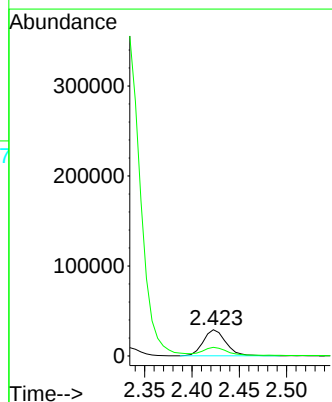
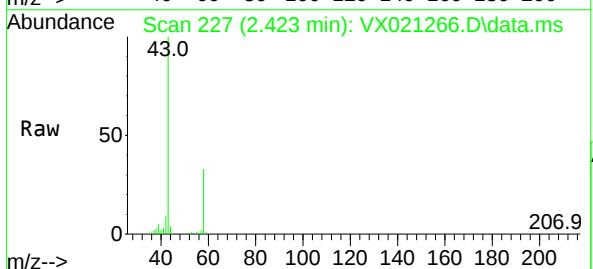
Instrument :
MSVOA_X
ClientSampled :

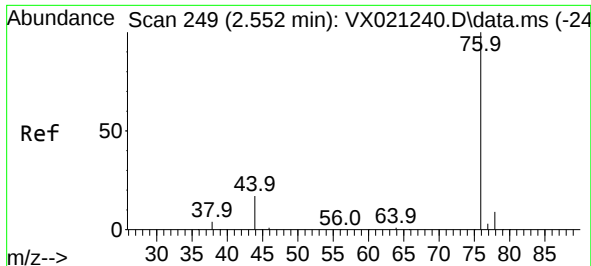
Tgt Ion: 56 Resp: 2394
Ion Ratio Lower Upper
56 100
55 63.8 56.4 84.6



#16
Acetone
Concen: 91.02 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Tgt Ion: 43 Resp: 47833
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8

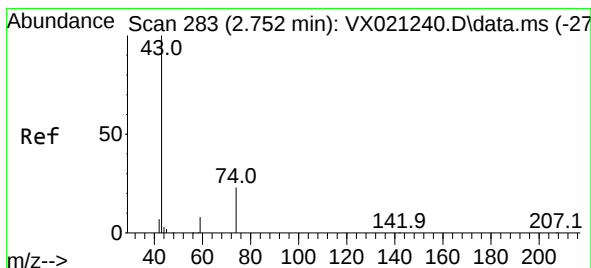
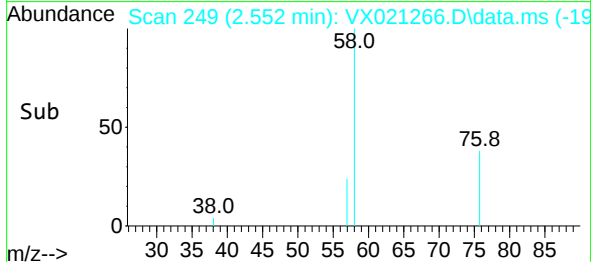
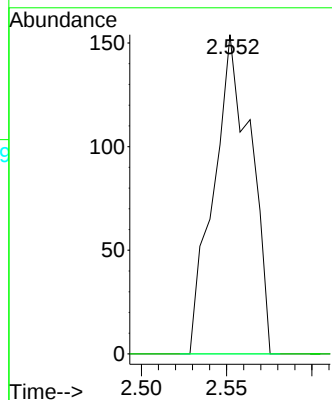
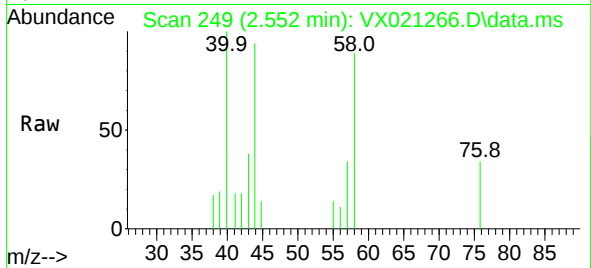




#17
Carbon Disulfide
Concen: 0.63 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

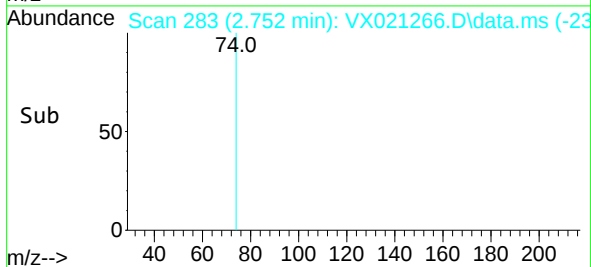
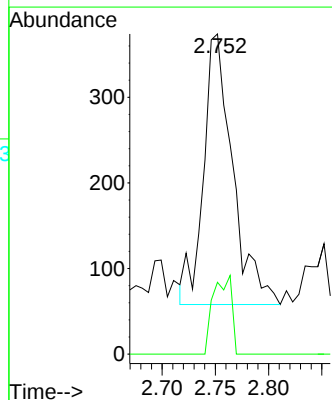
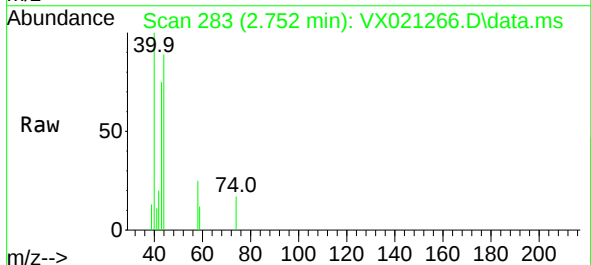
Instrument :
MSVOA_X
ClientSampled :

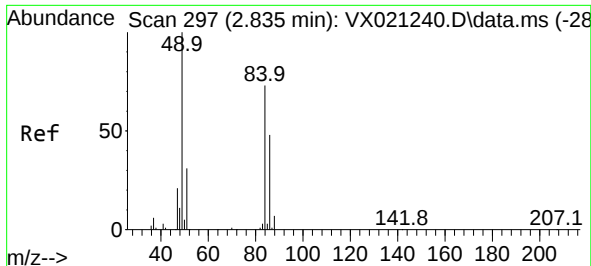
Tgt Ion: 76 Resp: 233
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

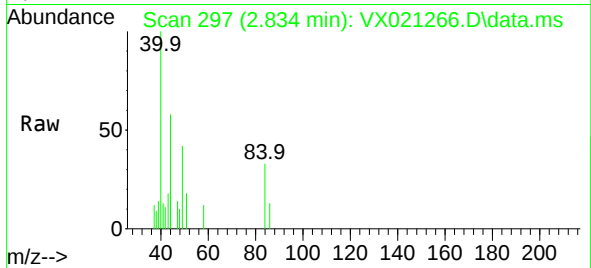
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
74 18.4 21.9 32.9#



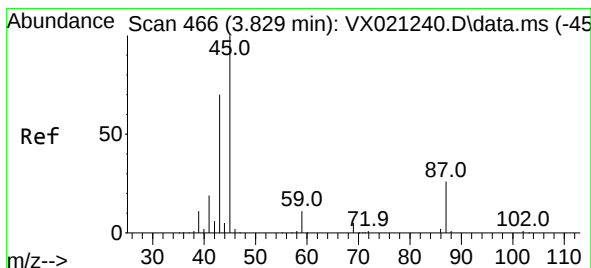
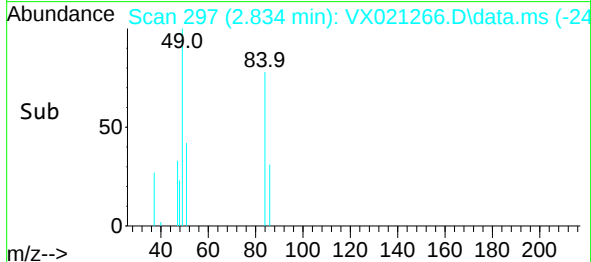
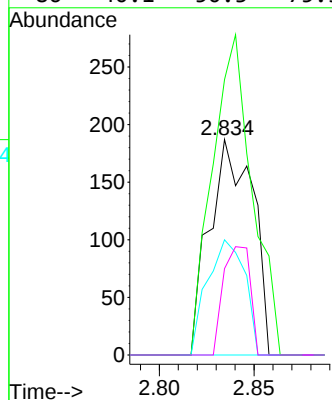


#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Instrument :
MSVOA_X
ClientSampleId :

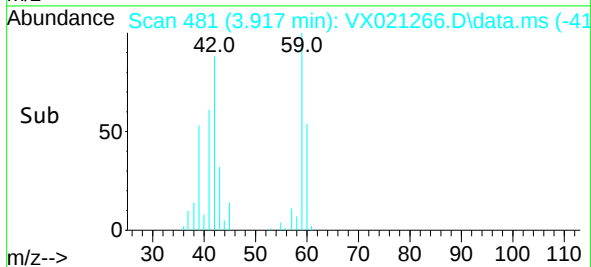
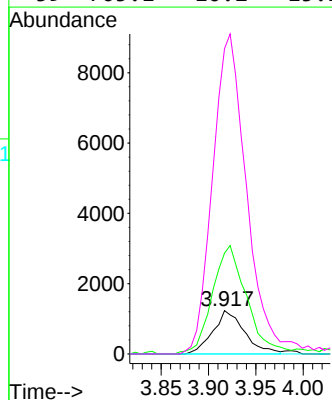
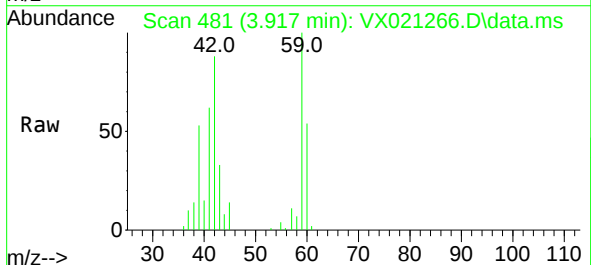


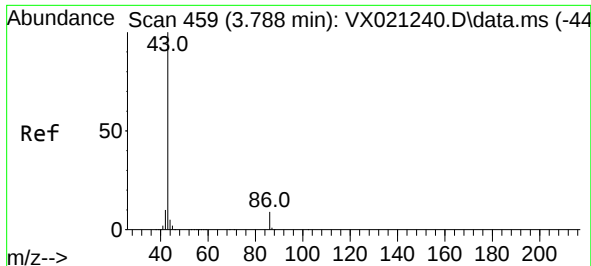
Tgt Ion:	84	Resp:	297
Ion	Ratio	Lower	Upper
84	100		
49	127.8	88.6	132.8
51	53.5	27.0	40.6#
86	40.1	50.3	75.5#



#22
Diisopropyl ether
Concen: 0.82 ug/l
RT: 3.917 min Scan# 481
Delta R.T. 0.088 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Tgt Ion:	45	Resp:	2869
Ion	Ratio	Lower	Upper
45	100		
43	228.0	58.0	87.0#
87	0.0	25.4	38.0#
59	705.1	10.2	15.2#

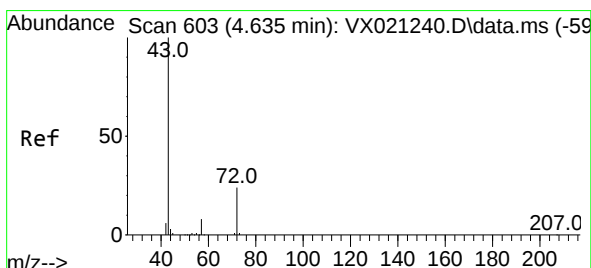
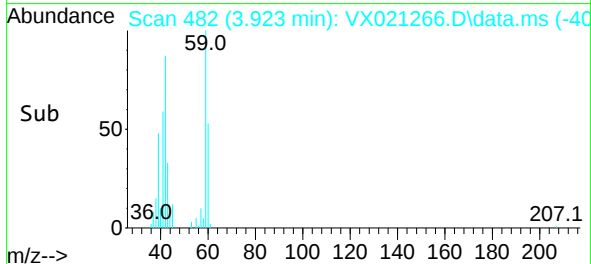
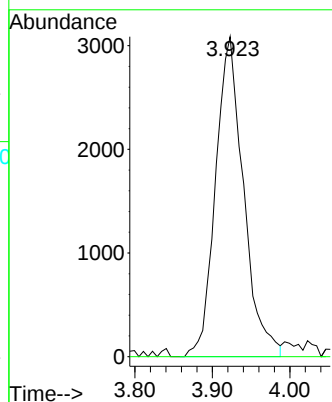
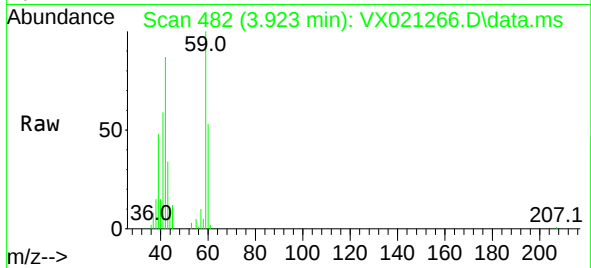




#23
 Vinyl Acetate
 Concen: 2.53 ug/l
 RT: 3.923 min Scan# 482
 Delta R.T. 0.135 min
 Lab File: VX021266.D
 Acq: 17 Mar 2021 13:05

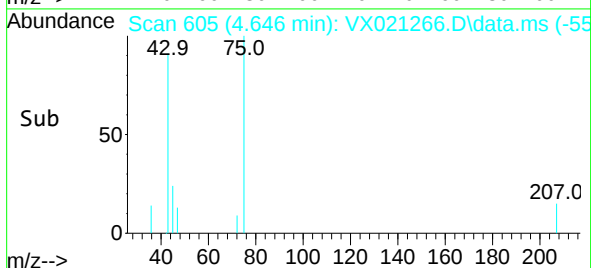
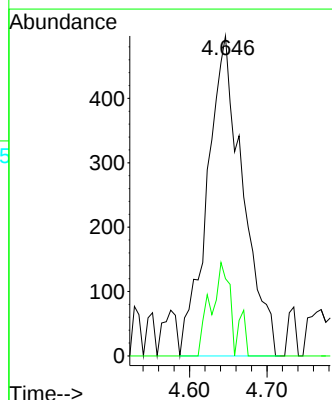
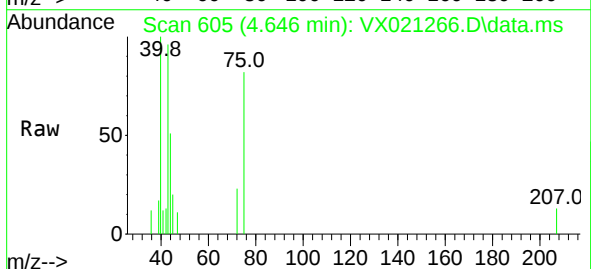
Instrument :
 MSVOA_X
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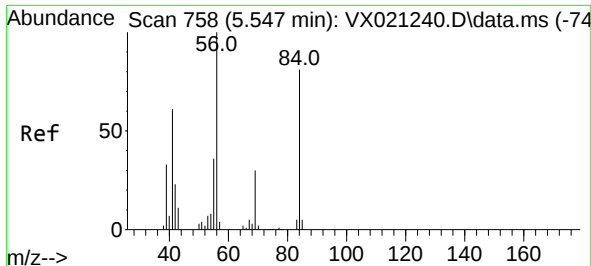
Tgt Ion: 43 Resp: 7765
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 1.96 ug/l
 RT: 4.646 min Scan# 605
 Delta R.T. 0.011 min
 Lab File: VX021266.D
 Acq: 17 Mar 2021 13:05

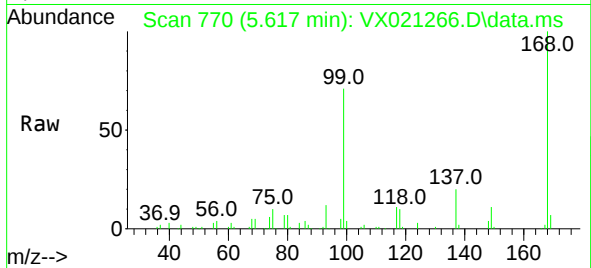
Tgt Ion: 43 Resp: 1583
 Ion Ratio Lower Upper
 43 100
 72 24.1 23.7 35.5



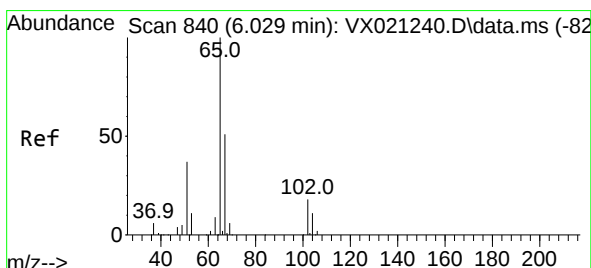
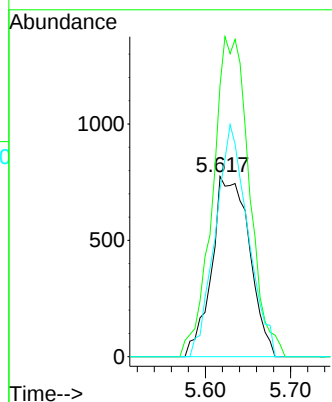
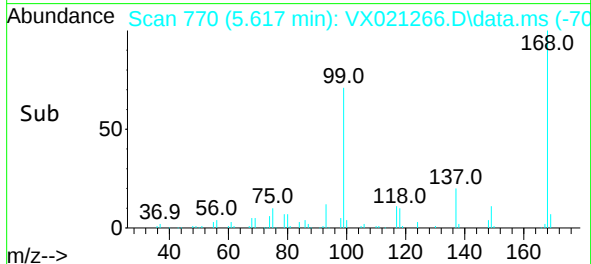


#31
Cyclohexane
Concen: 1.37 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

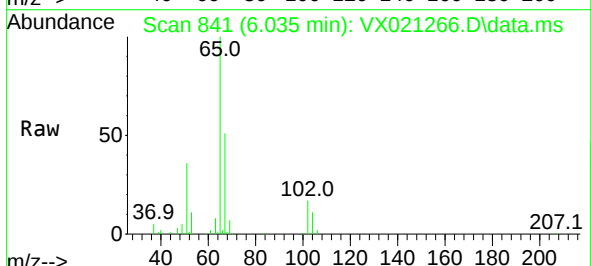
Instrument :
MSVOA_X
ClientSampled :



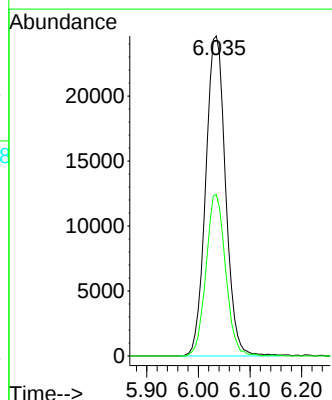
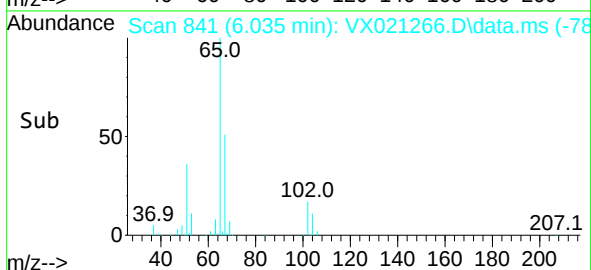
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Ion Ratio Lower Upper
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69 150.8 25.3 37.9#
84 93.2 71.4 107.0

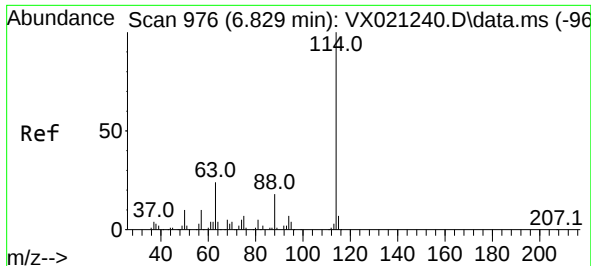


#33
1,2-Dichloroethane-d4
Concen: 46.08 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05



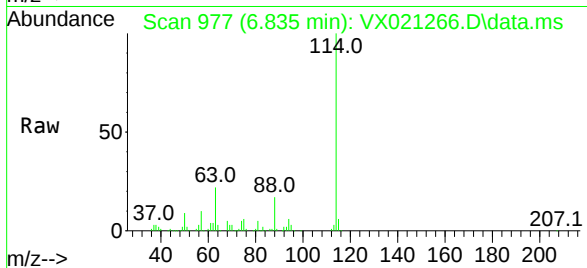
Tgt Ion: 65 Resp: 65808
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4



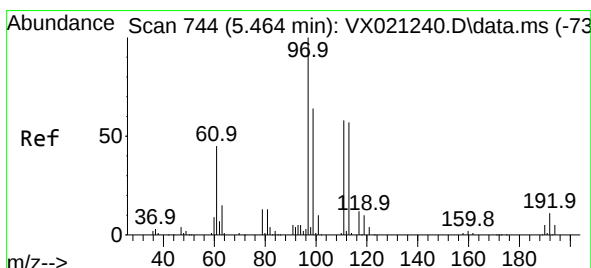
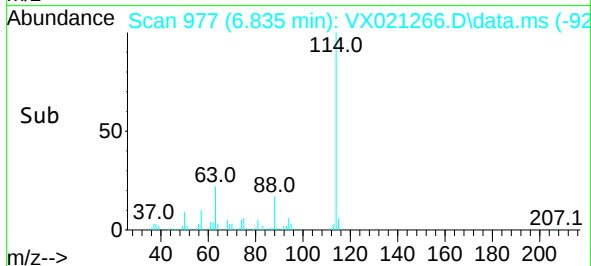
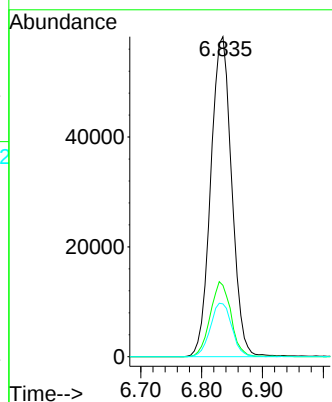


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Instrument :
MSVOA_X
ClientSampled :

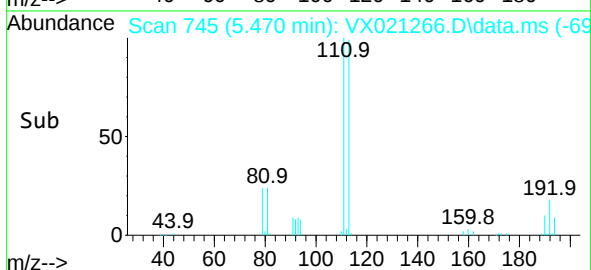
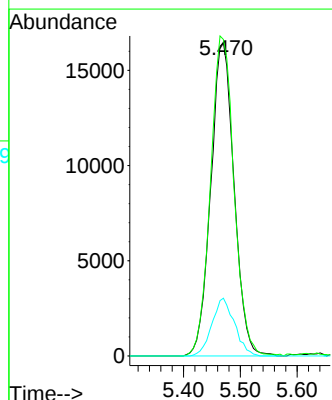
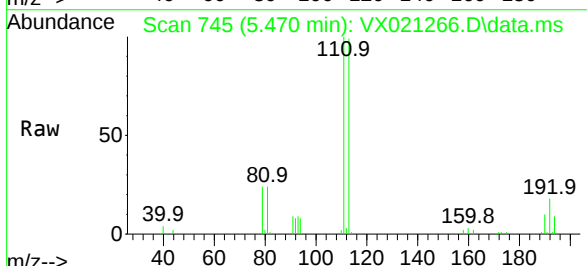


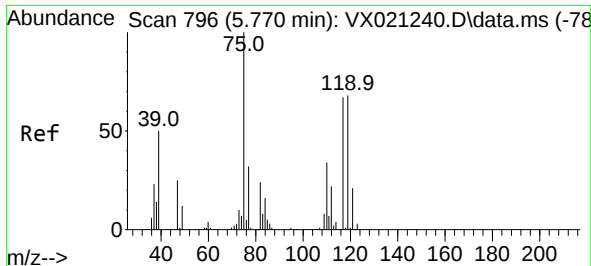
Tgt Ion:114 Resp: 139335
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.40 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

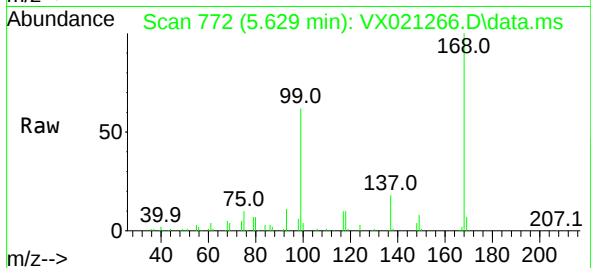
Tgt Ion:113 Resp: 46842
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 17.9 16.7 25.1



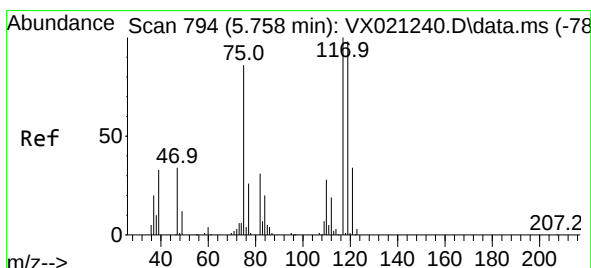
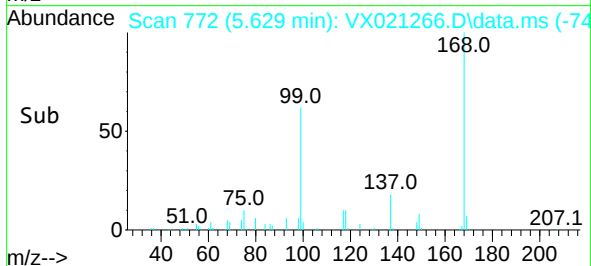
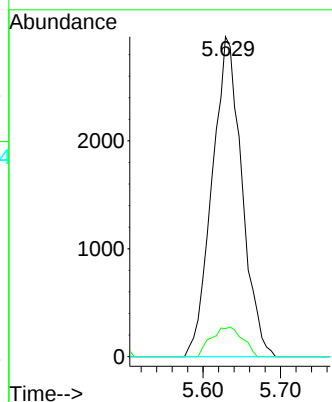


#36
1,1-Dichloropropene
Concen: 5.63 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Instrument :
MSVOA_X
ClientSampled :

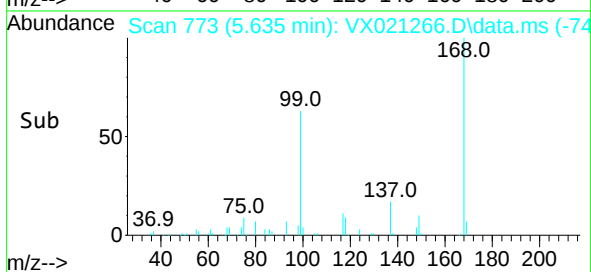
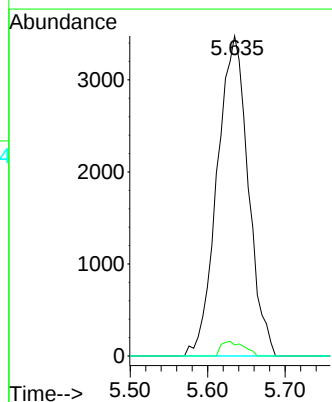
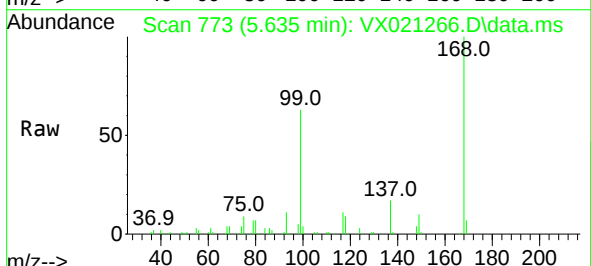


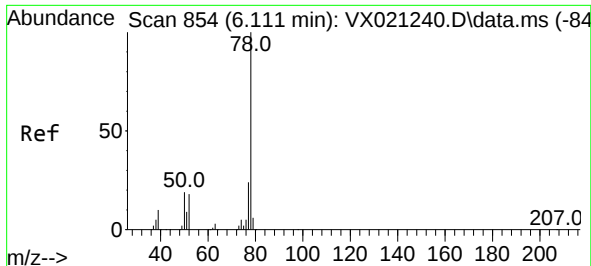
Tgt Ion: 75 Resp: 7900
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.65 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.123 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Tgt Ion: 117 Resp: 9701
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#

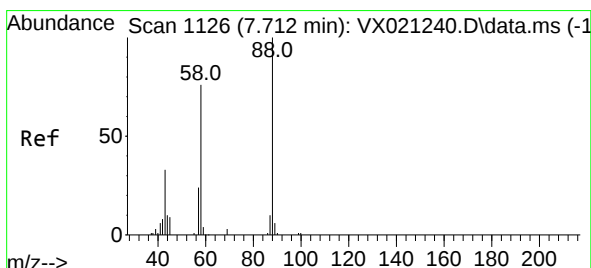
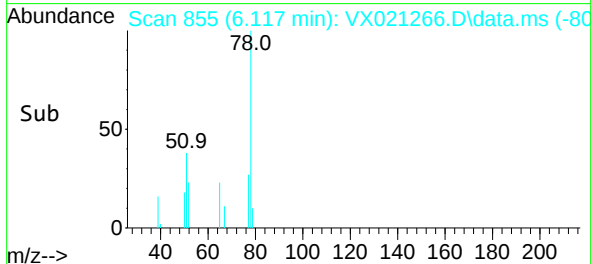
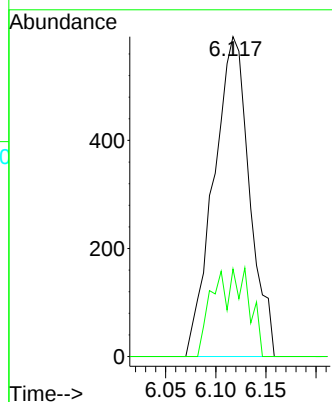
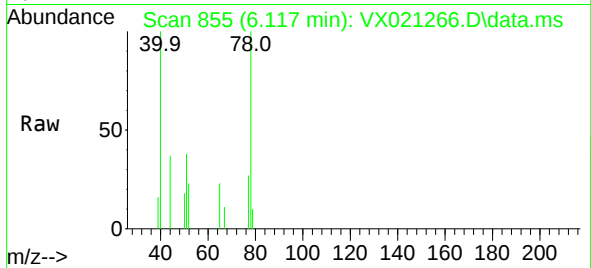




#40
Benzene
Concen: 0.38 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

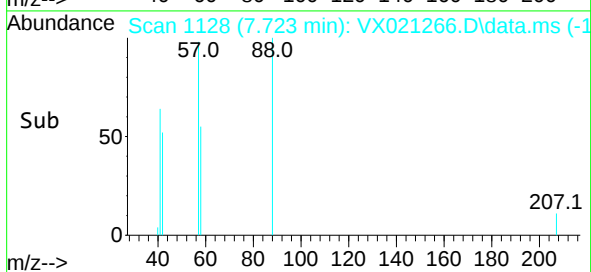
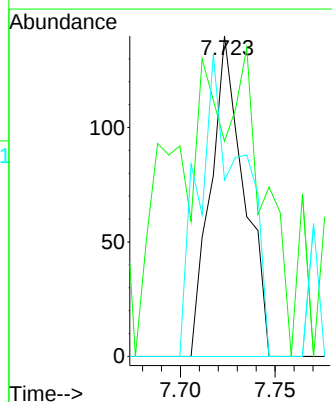
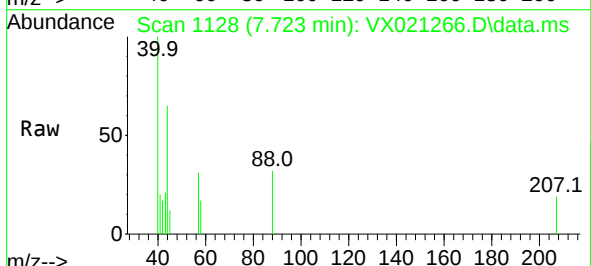
Instrument :
MSVOA_X
ClientSampled :

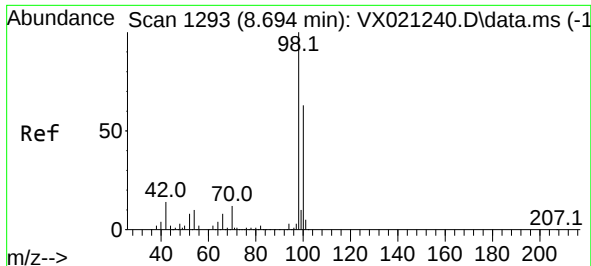
Tgt Ion: 78 Resp: 1473
Ion Ratio Lower Upper
78 100
77 27.4 18.9 28.3



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Tgt Ion: 88 Resp: 172
Ion Ratio Lower Upper
88 100
43 32.6 23.2 34.8
58 123.3 55.0 82.4#

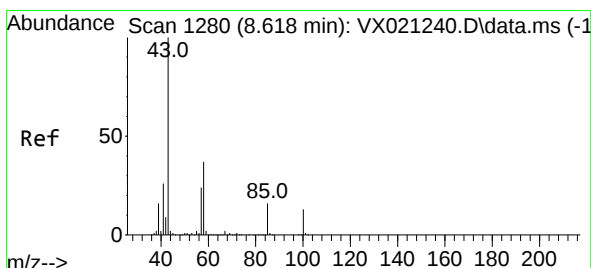
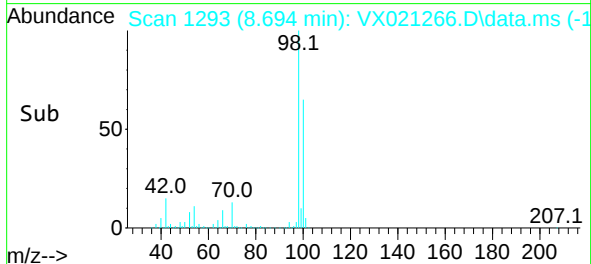
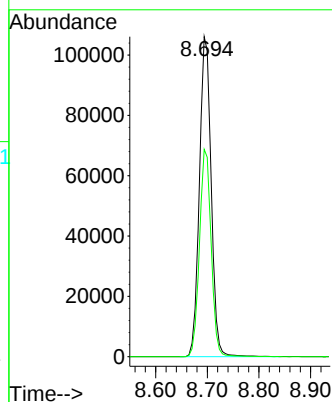
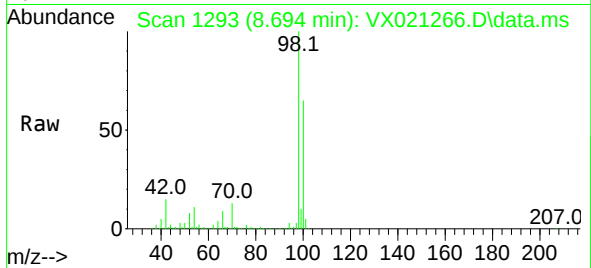




#50
Toluene-d8
Concen: 48.76 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

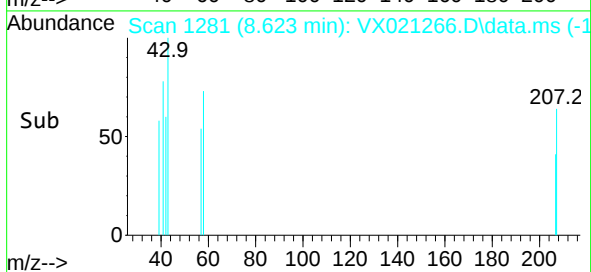
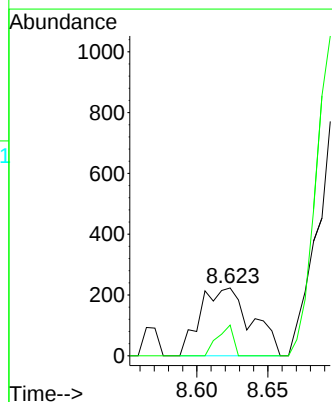
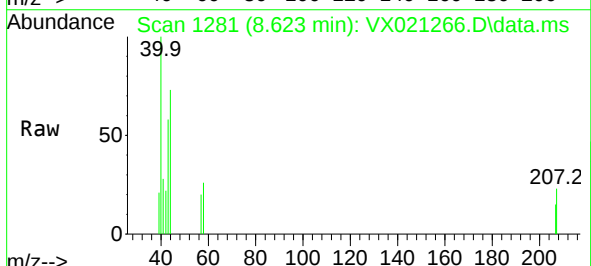
Instrument :
MSVOA_X
ClientSampled :

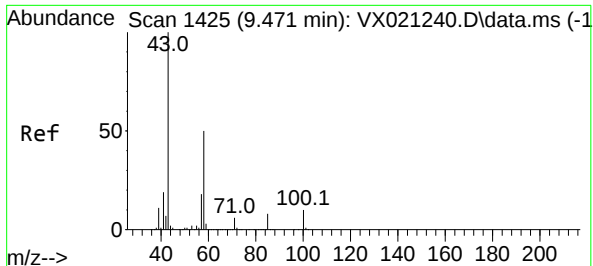
Tgt Ion: 98 Resp: 167753
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Tgt Ion: 43 Resp: 560
Ion Ratio Lower Upper
43 100
58 13.9 35.4 53.0#

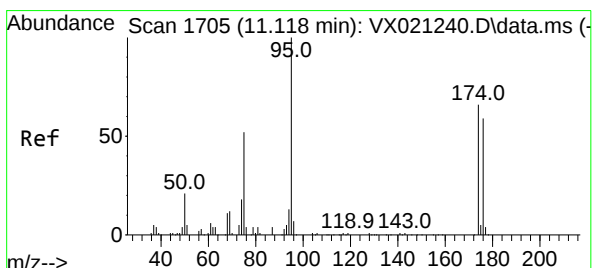
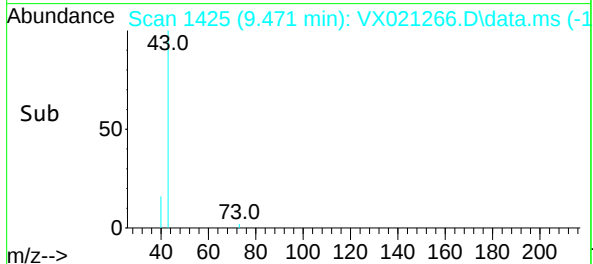
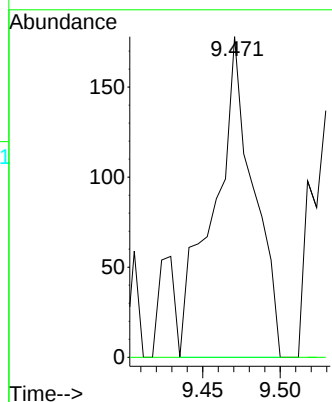
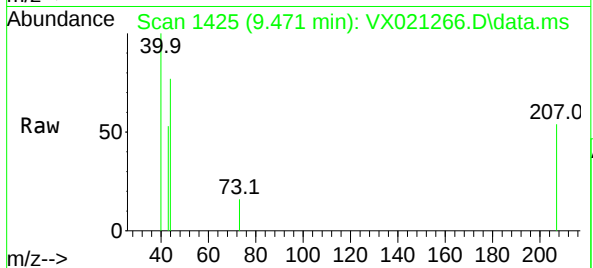




#59
2-Hexanone
Concen: 0.27 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

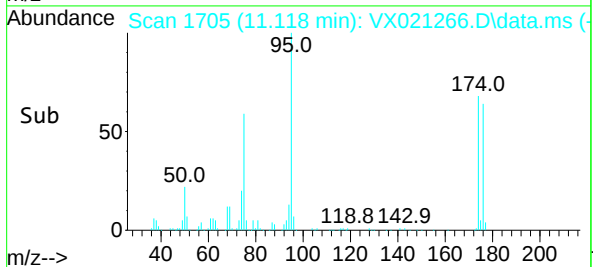
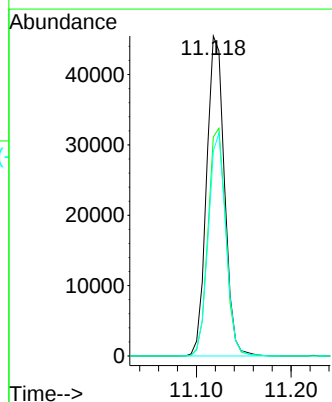
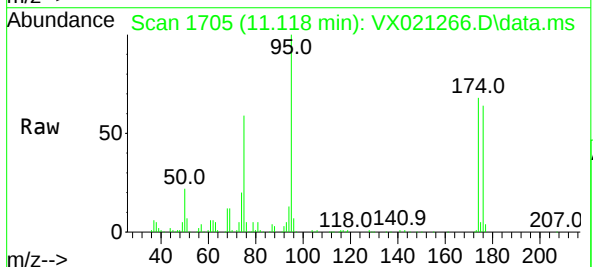
Instrument :
MSVOA_X
ClientSampled :

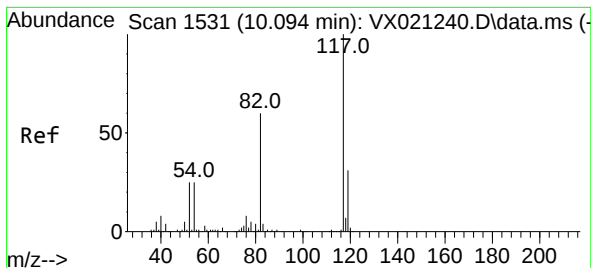
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Tgt Ion: 95 Resp: 59487
Ion Ratio Lower Upper
95 100
174 70.8 0.0 154.6
176 68.6 0.0 155.8

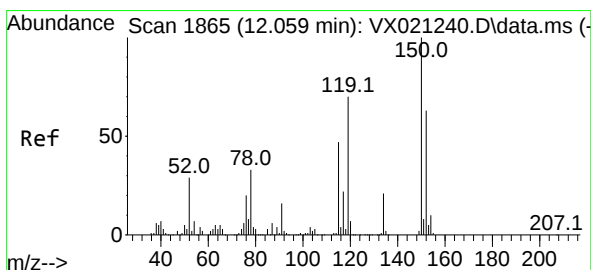
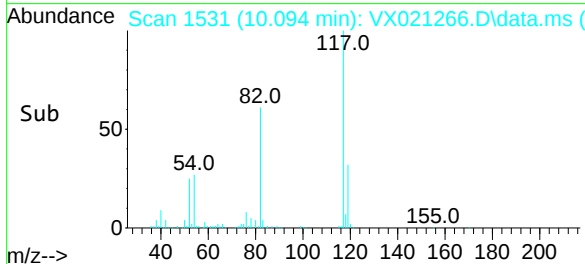
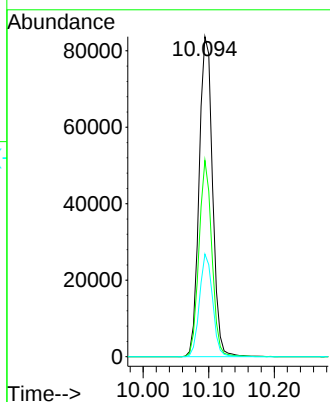
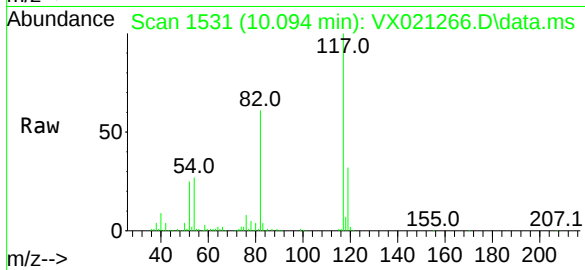




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

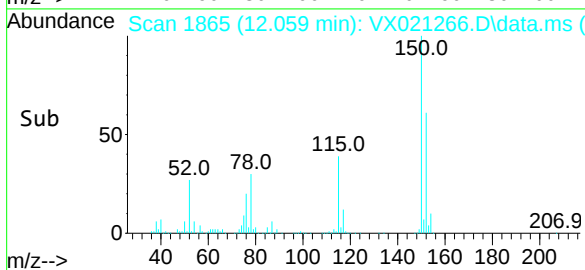
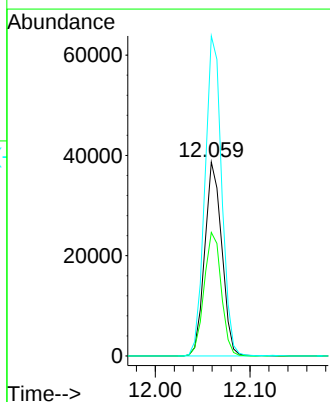
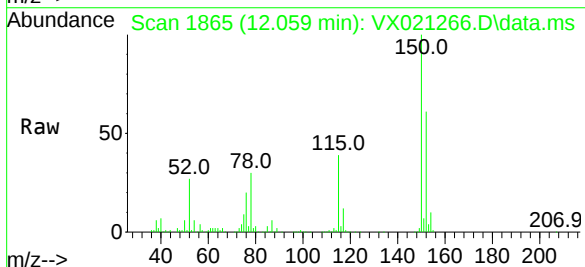
Instrument :
MSVOA_X
ClientSampled :

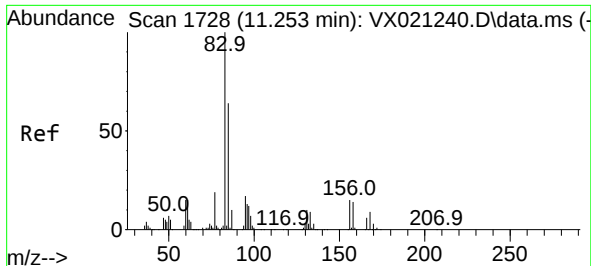
Tgt Ion:117 Resp: 119585
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

Tgt Ion:152 Resp: 48240
Ion Ratio Lower Upper
152 100
115 64.1 41.1 123.3
150 162.7 0.0 349.0

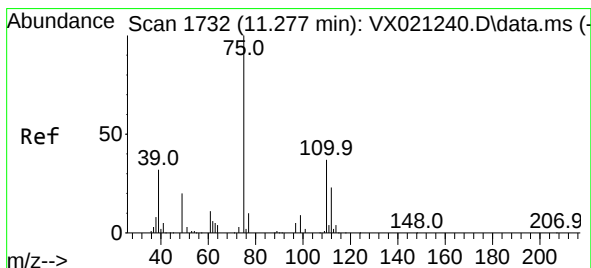
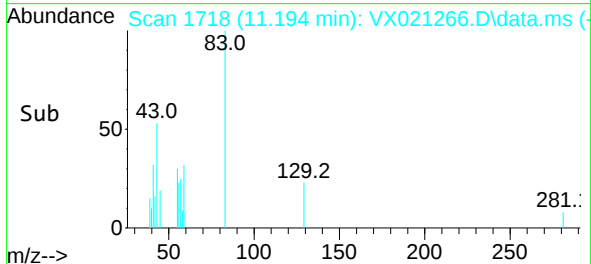
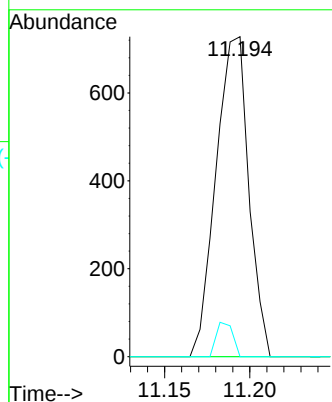
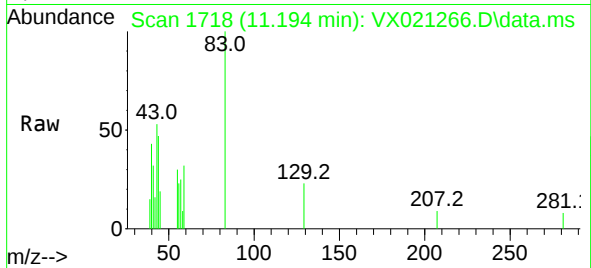




#75
1,1,2,2-Tetrachloroethane
Concen: 0.82 ug/l
RT: 11.194 min Scan# 1718
Delta R.T. -0.059 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

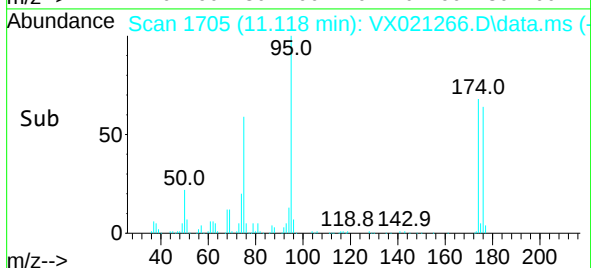
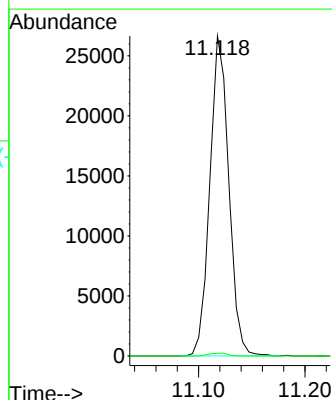
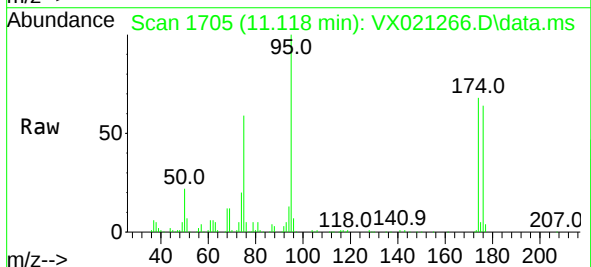
Instrument :
MSVOA_X
ClientSampled :

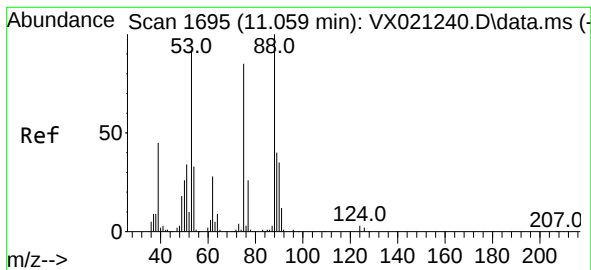
Tgt Ion: 83 Resp: 974
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 5.3 31.8 95.4#



#76
1,2,3-Trichloropropane
Concen: 29.42 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021266.D
Acq: 17 Mar 2021 13:05

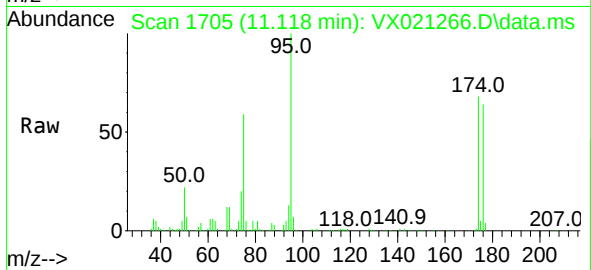
Tgt Ion: 75 Resp: 32923
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.88 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021266.D
 Acq: 17 Mar 2021 13:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 32923
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

