

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021405.D
 Acq On : 23 Mar 2021 23:57
 Operator : JC/MD
 Sample : M1735-09 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 03:33:28 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)

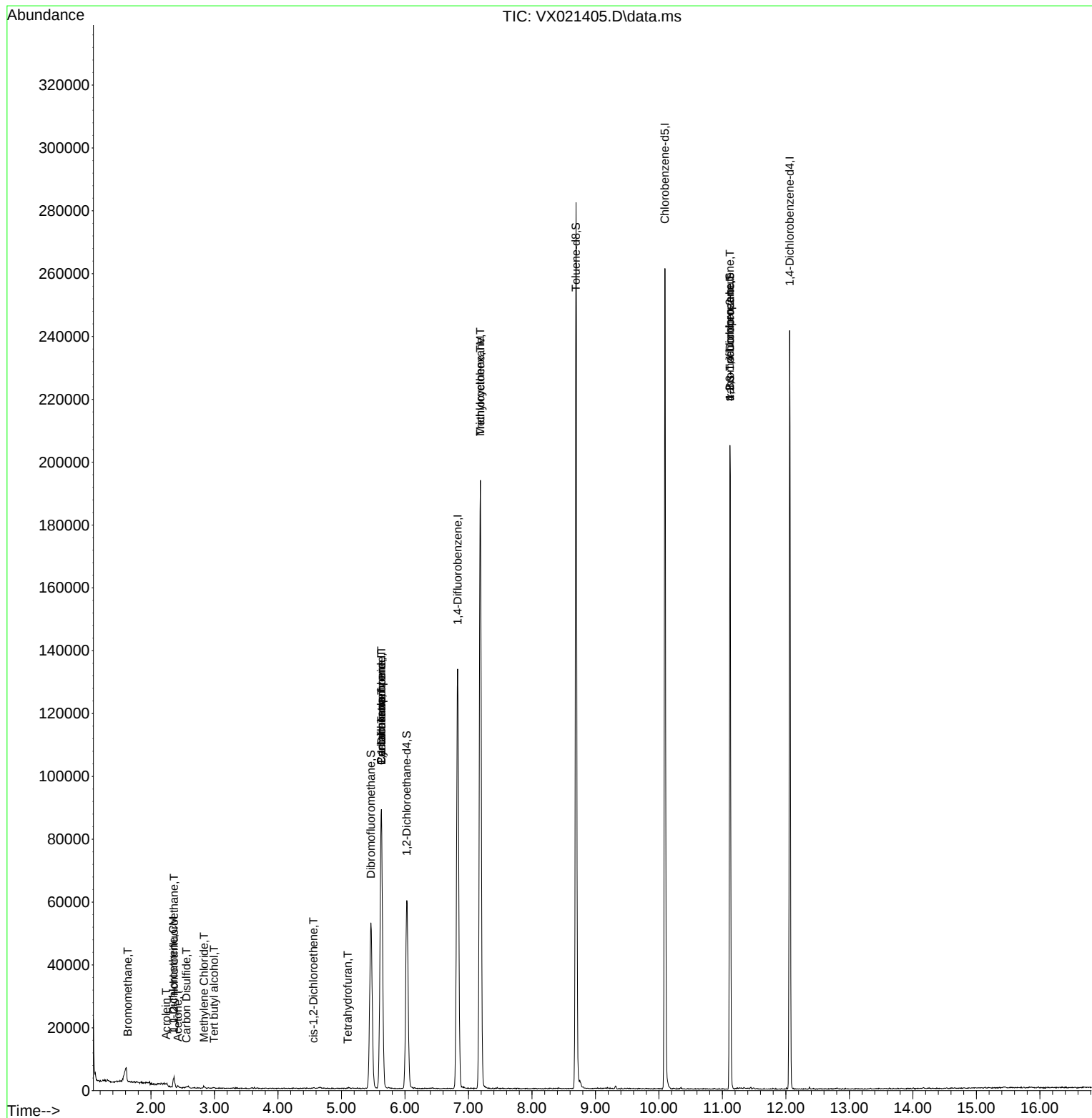
Internal Standards						
1) Pentafluorobenzene	5.629	168	77082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	125047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60564	47.90	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.80%
35) Dibromofluoromethane	5.464	113	43463	51.08	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.16%
50) Toluene-d8	8.694	98	152938	49.54	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.08%
62) 4-Bromofluorobenzene	11.118	95	53807	44.88	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.76%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1252	Below Cal		97
5) Bromomethane	1.634	94	127	0.31 ug/l		82
9) 1,1,2-Trichlorotrifluo...	2.364	101	1081	1.34 ug/l		94
11) Tert butyl alcohol	2.993	59	70	0.33 ug/l #		73
12) 1,1-Dichloroethene	2.352	96	312	0.40 ug/l #		80
13) Acrolein	2.240	56	58	3.58 ug/l #		6
16) Acetone	2.423	43	578	1.24 ug/l		96
17) Carbon Disulfide	2.558	76	346	0.69 ug/l #		75
20) Methylene Chloride	2.834	84	252	0.26 ug/l #		88
27) cis-1,2-Dichloroethene	4.558	96	238	0.24 ug/l		64
29) Tetrahydrofuran	5.099	42	171	0.36 ug/l #		27
31) Cyclohexane	5.629	56	2148	1.41 ug/l #		24
36) 1,1-Dichloropropene	5.629	75	7097	5.63 ug/l #		49
38) Carbon Tetrachloride	5.629	117	8417	6.43 ug/l #		18
39) Methylcyclohexane	7.188	83	970	0.69 ug/l #		1
44) Trichloroethene	7.188	130	68760	74.55 ug/l		96
49) 1,4-Dioxane	7.717	88	21	Below Cal #		1
76) 1,2,3-Trichloropropane	11.118	75	30543	29.91 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	30543	81.21 ug/l #		12

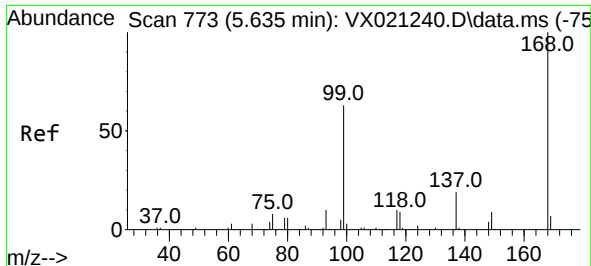
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

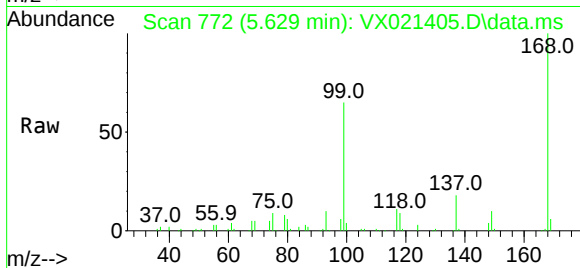
Quant Time: Mar 24 03:33:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration



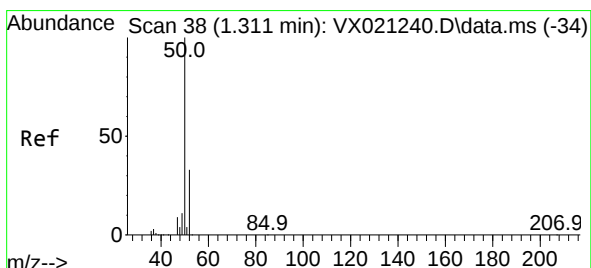
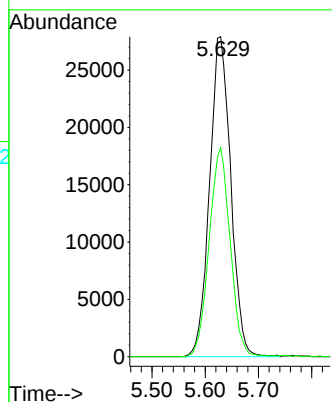
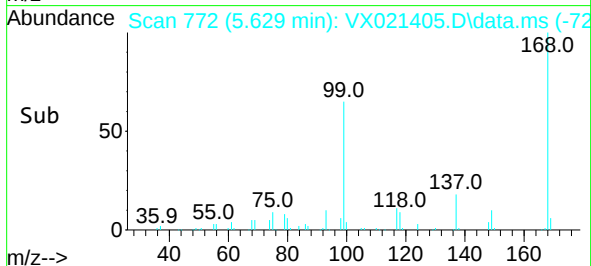


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

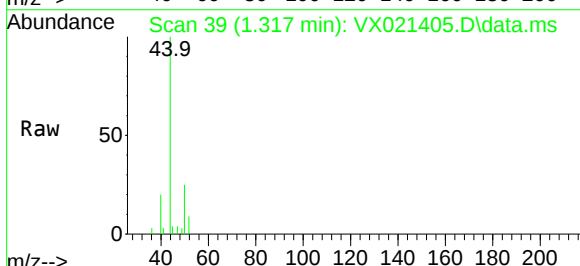
Instrument :
MSVOA_X
ClientSampled :



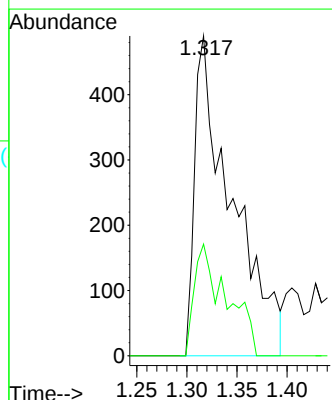
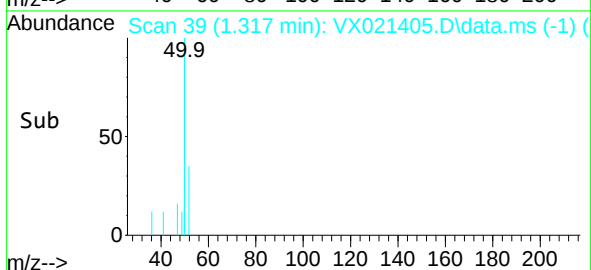
Tgt Ion:168 Resp: 77082
Ion Ratio Lower Upper
168 100
99 65.3 45.8 68.6

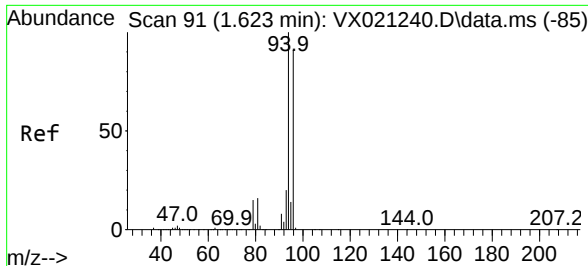


#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57



Tgt Ion: 50 Resp: 1252
Ion Ratio Lower Upper
50 100
52 34.9 26.4 39.6

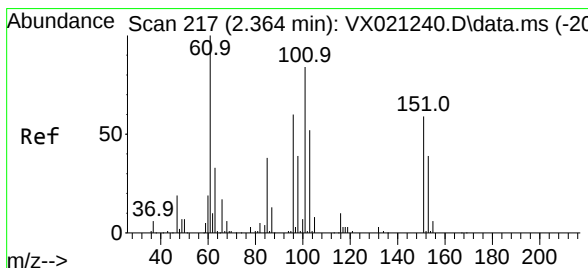
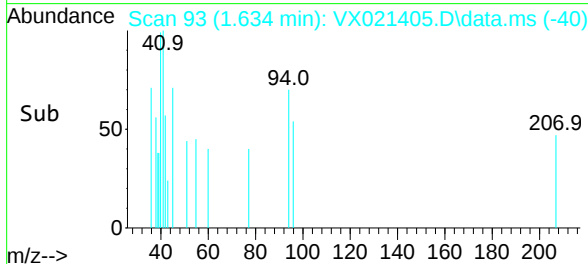
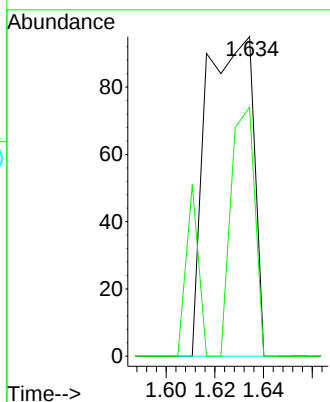
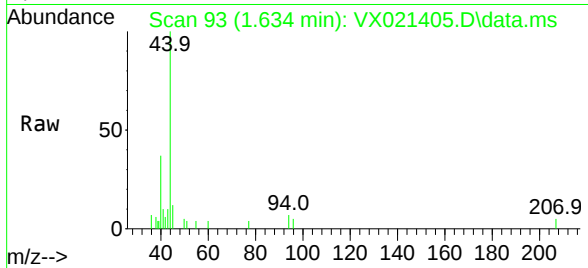




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

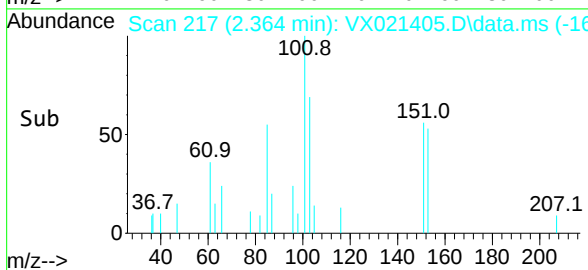
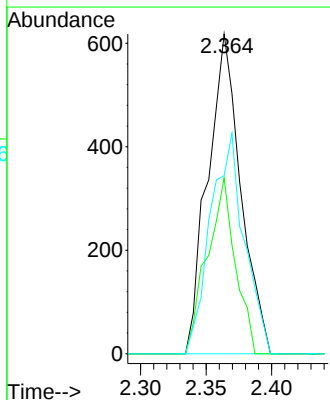
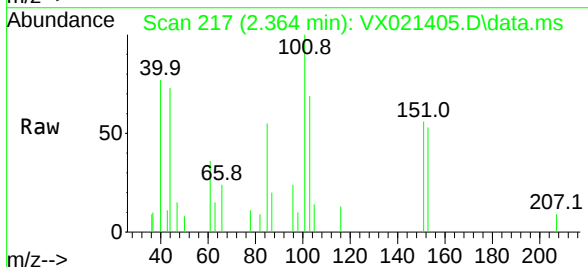
Instrument :
MSVOA_X
ClientSampled :

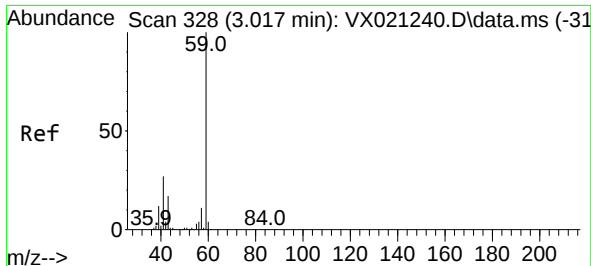
Tgt Ion: 94 Resp: 127
Ion Ratio Lower Upper
94 100
96 77.9 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.34 ug/l
RT: 2.364 min Scan# 217
Delta R.T. -0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

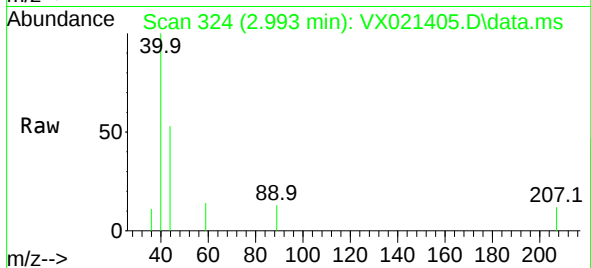
Tgt Ion: 101 Resp: 1081
Ion Ratio Lower Upper
101 100
85 46.9 34.9 52.3
151 70.7 61.4 92.2



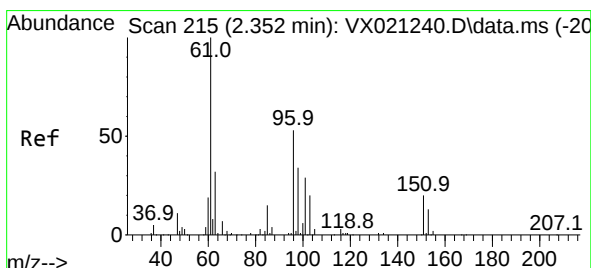
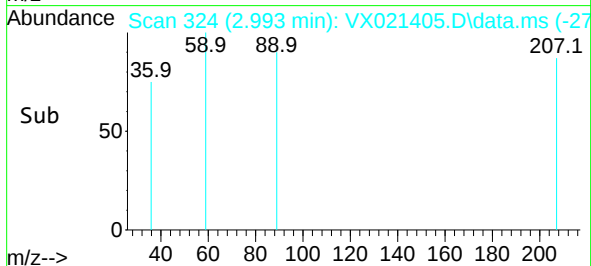
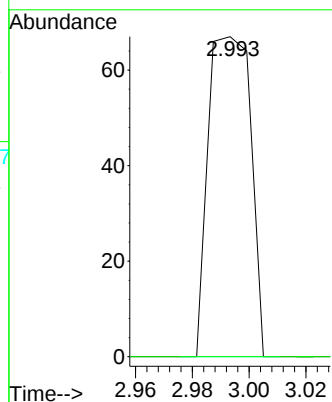


#11
Tert butyl alcohol
Concen: 0.33 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

Instrument :
MSVOA_X
ClientSampled :

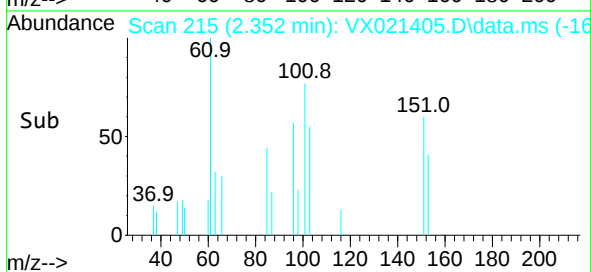
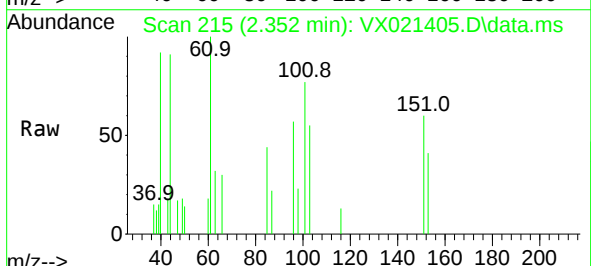
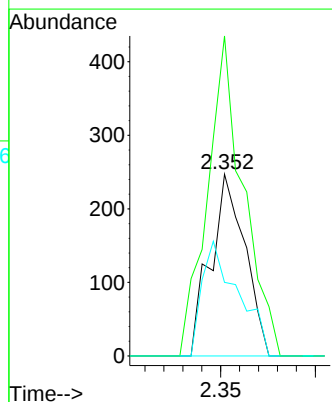


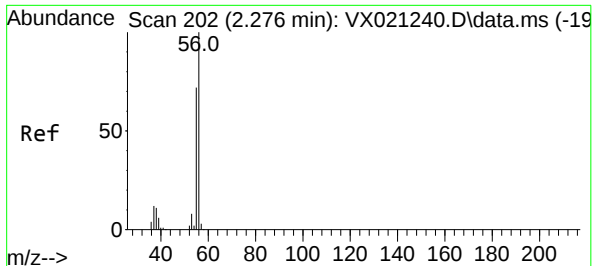
Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.40 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

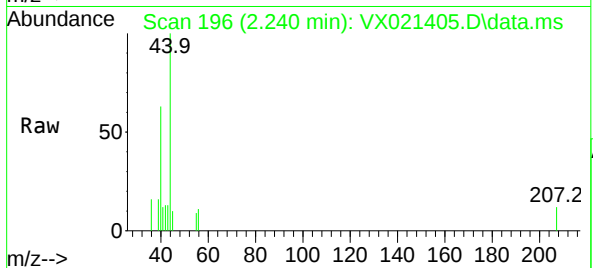
Tgt Ion: 96 Resp: 312
Ion Ratio Lower Upper
96 100
61 176.1 124.6 187.0
98 40.5 50.6 76.0#



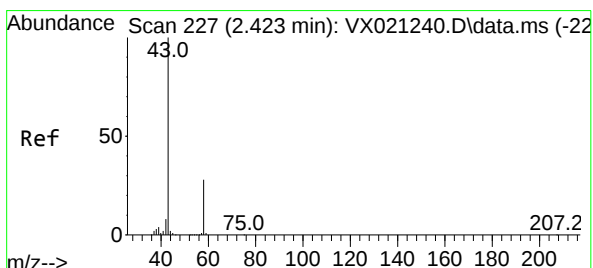
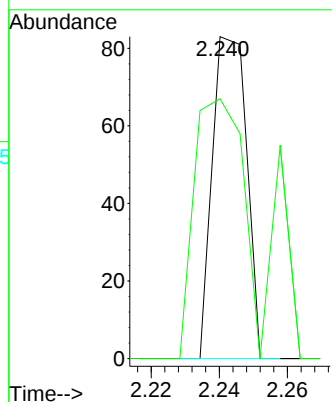
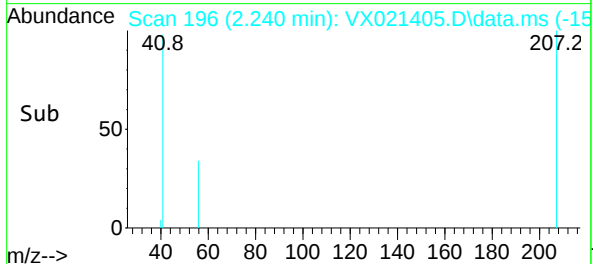


#13
Acrolein
Concen: 3.58 ug/l
RT: 2.240 min Scan# 196
Delta R.T. -0.036 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

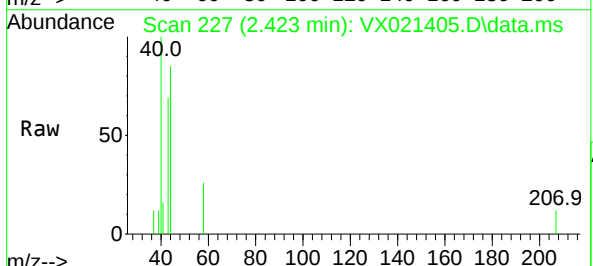
Instrument :
MSVOA_X
ClientSampled :



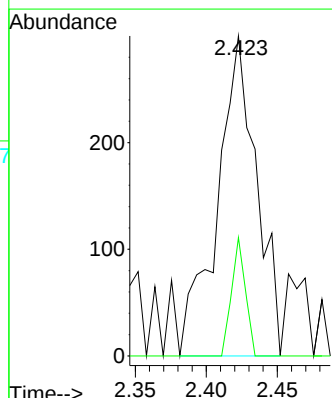
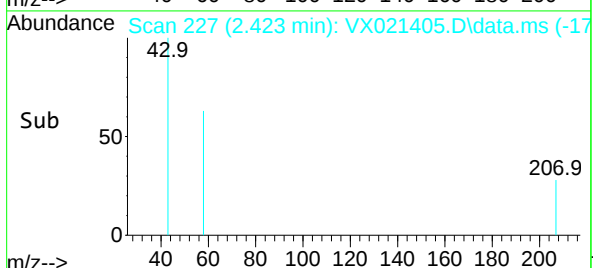
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 148.3 56.4 84.6#

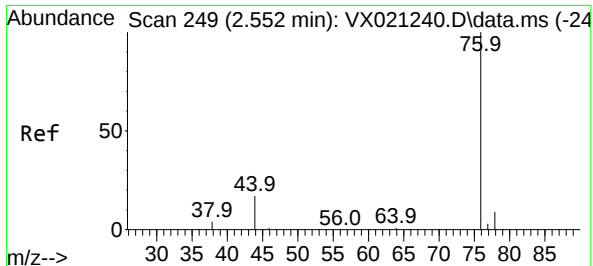


#16
Acetone
Concen: 1.24 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57



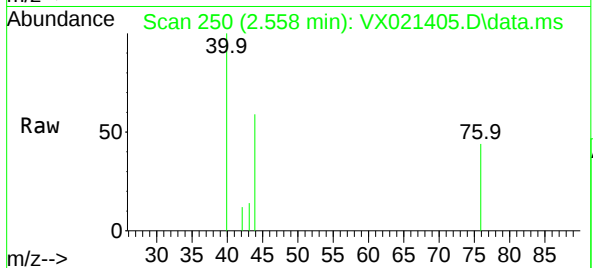
Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
58 37.0 27.8 41.8



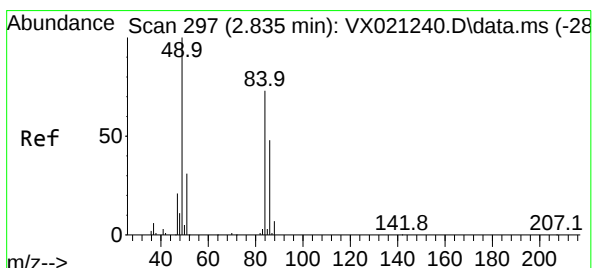
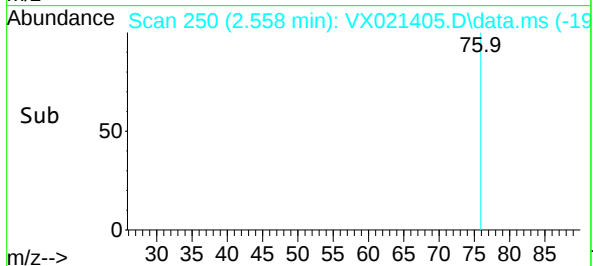
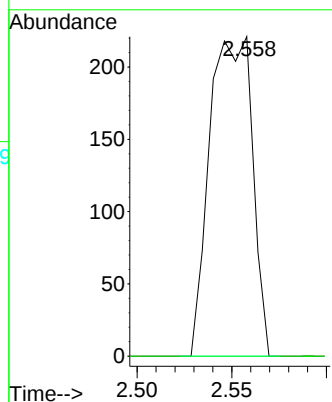


#17
Carbon Disulfide
Concen: 0.69 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

Instrument :
MSVOA_X
ClientSampled :

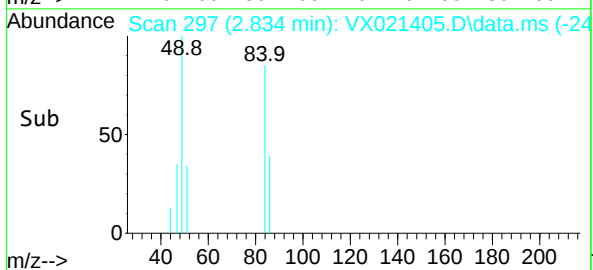
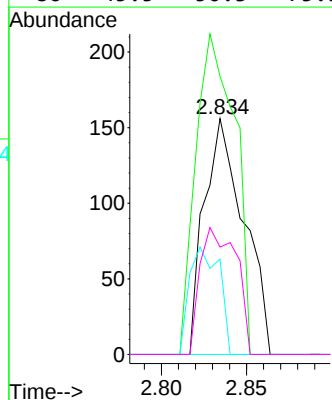
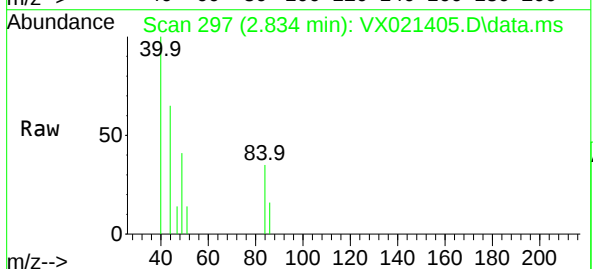


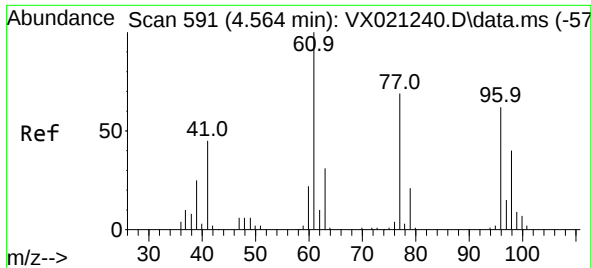
Tgt Ion: 76 Resp: 346
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

Tgt Ion: 84 Resp: 252
Ion Ratio Lower Upper
84 100
49 117.9 88.6 132.8
51 40.4 27.0 40.6
86 45.5 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 0.24 ug/l

RT: 4.558 min Scan# 590

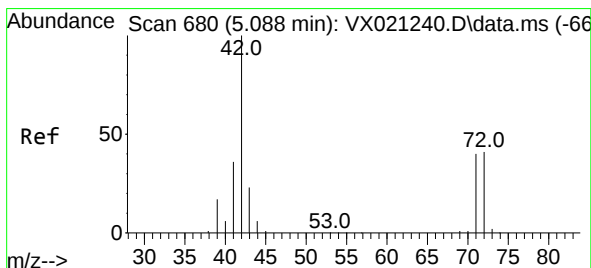
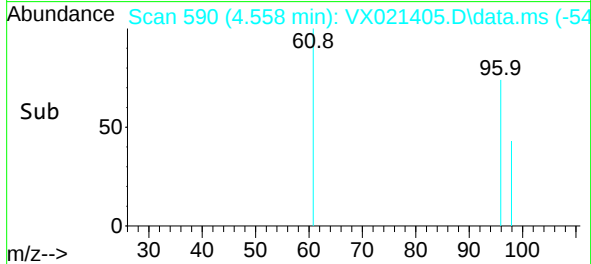
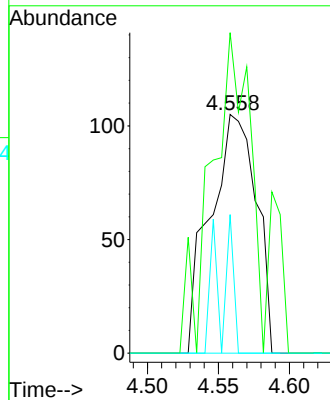
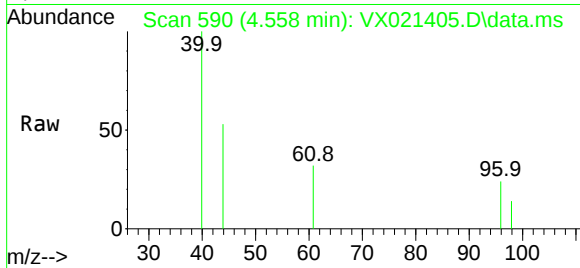
Delta R.T. -0.006 min

Lab File: VX021405.D

Acq: 23 Mar 2021 23:57

Tgt Ion: 96 Resp: 238

Ion	Ratio	Lower	Upper
96	100		
61	111.3	0.0	285.6
98	17.6	0.0	129.6



#29

Tetrahydrofuran

Concen: 0.36 ug/l

RT: 5.099 min Scan# 682

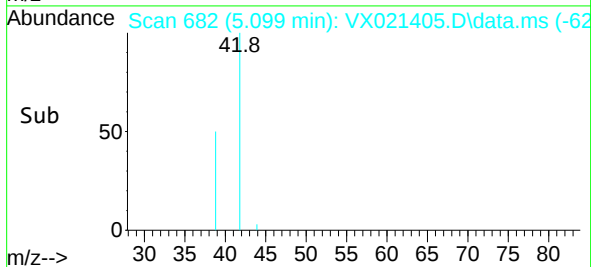
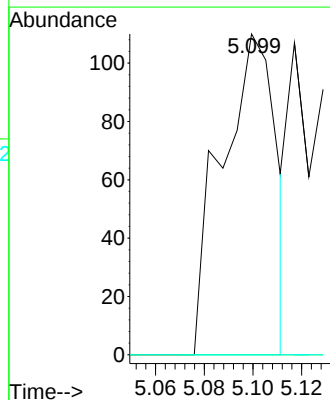
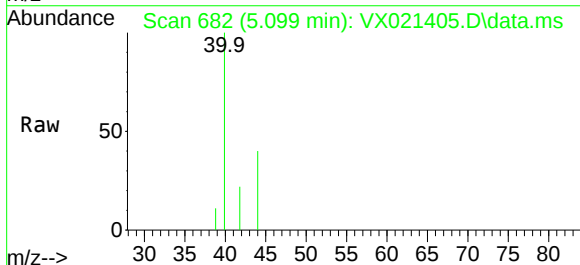
Delta R.T. 0.011 min

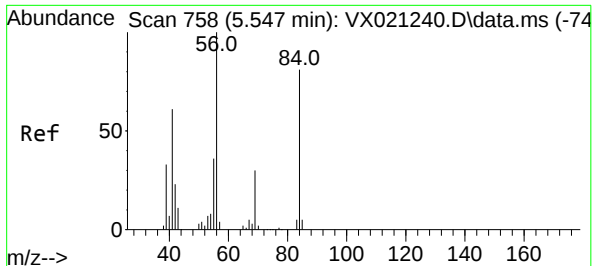
Lab File: VX021405.D

Acq: 23 Mar 2021 23:57

Tgt Ion: 42 Resp: 171

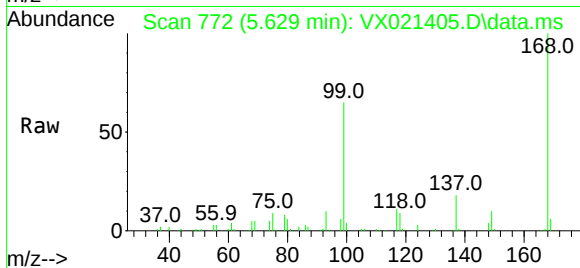
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



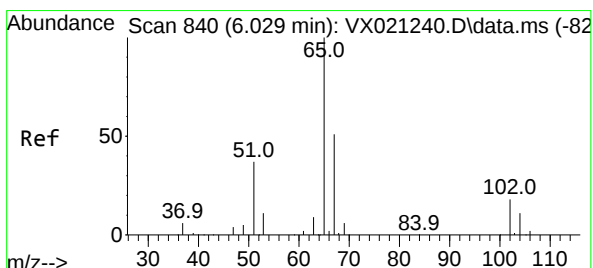
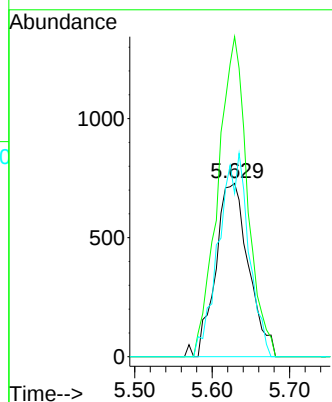
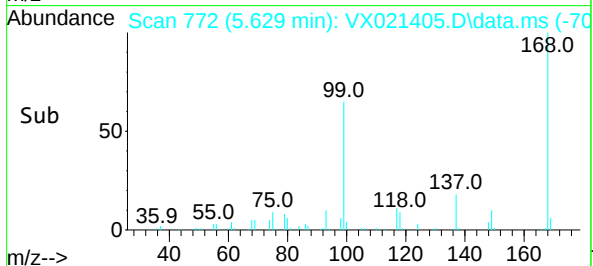


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

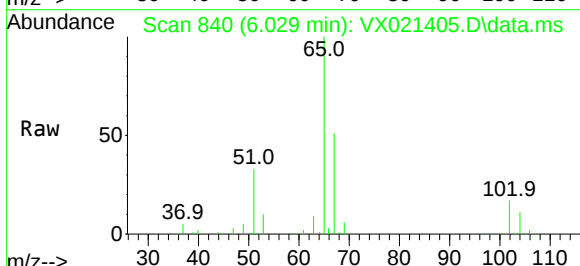
Instrument :
MSVOA_X
ClientSampled :



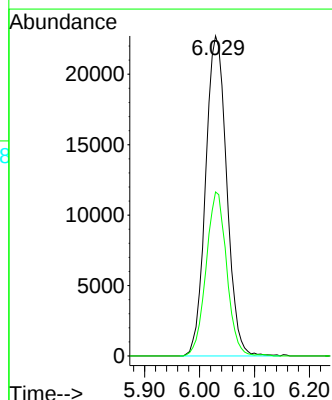
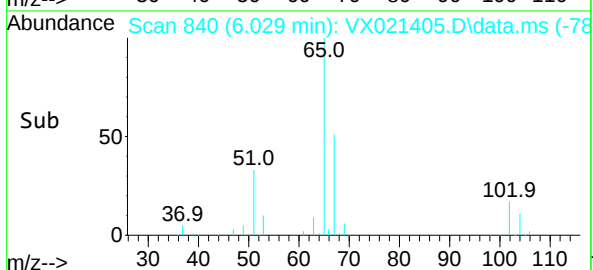
Tgt Ion: 56 Resp: 2148
Ion Ratio Lower Upper
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69 184.6 25.3 37.9#
84 94.2 71.4 107.0

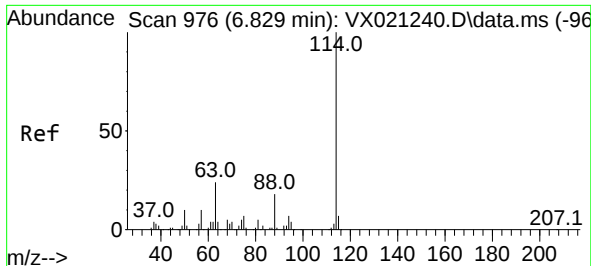


#33
1,2-Dichloroethane-d4
Concen: 47.90 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57



Tgt Ion: 65 Resp: 60564
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

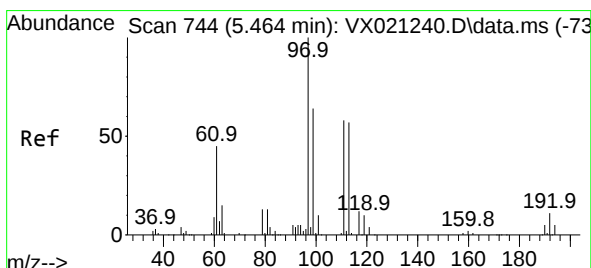
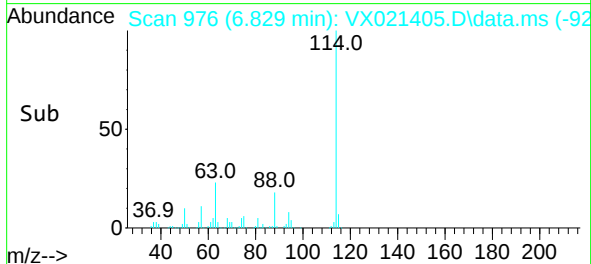
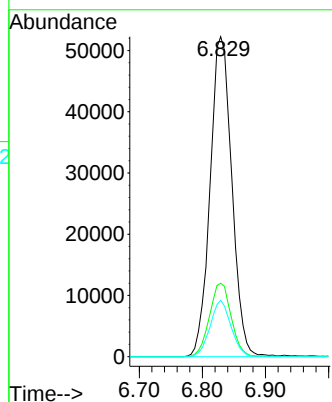
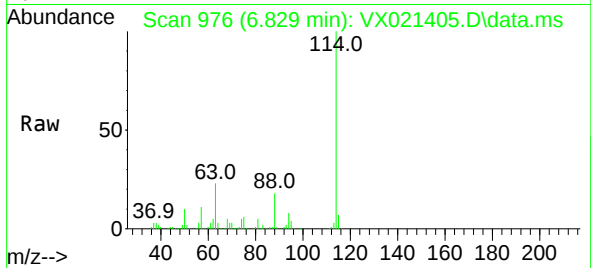




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

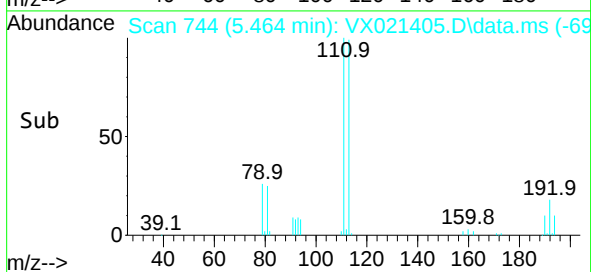
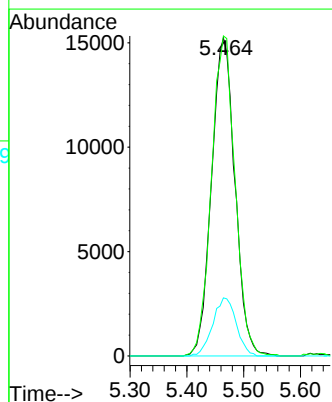
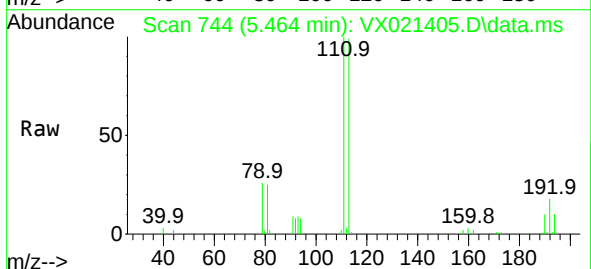
Instrument :
MSVOA_X
ClientSampled :

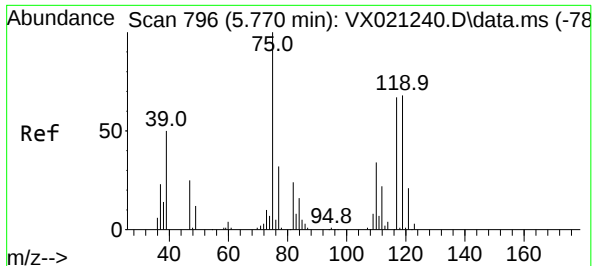
Tgt Ion:114 Resp: 125047
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.08 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

Tgt Ion:113 Resp: 43463
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 18.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.63 ug/l

RT: 5.629 min Scan# 772

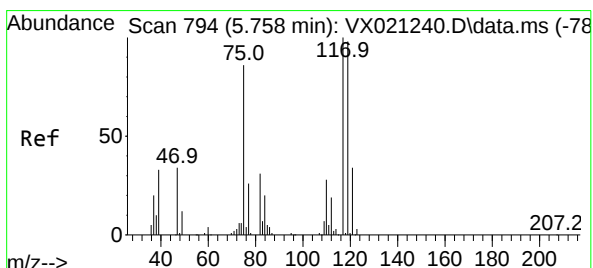
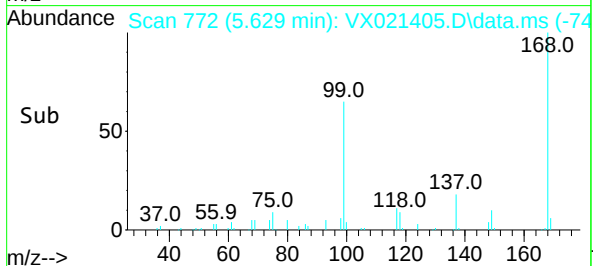
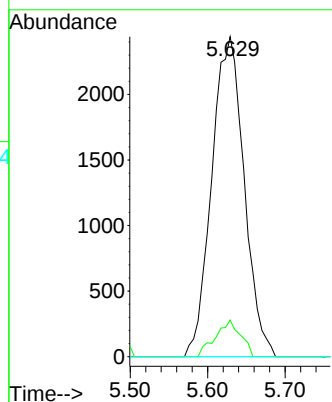
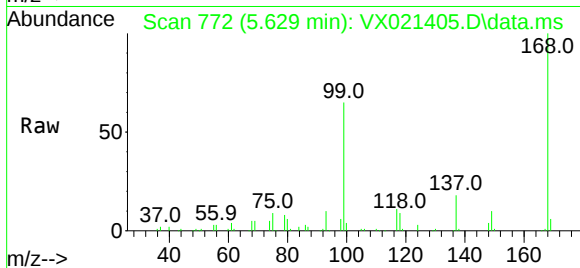
Delta R.T. -0.141 min

Lab File: VX021405.D

Acq: 23 Mar 2021 23:57

Tgt Ion:	75	Resp:	7097
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.43 ug/l

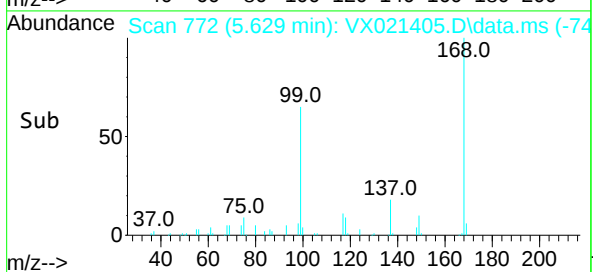
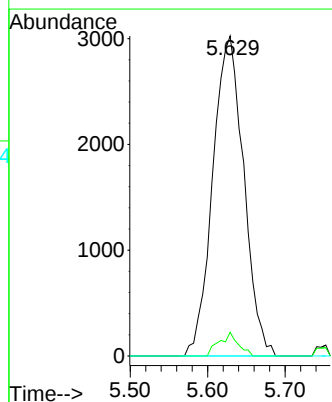
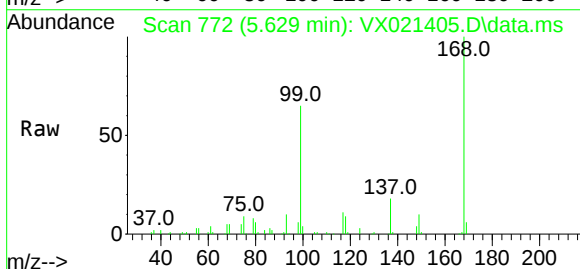
RT: 5.629 min Scan# 772

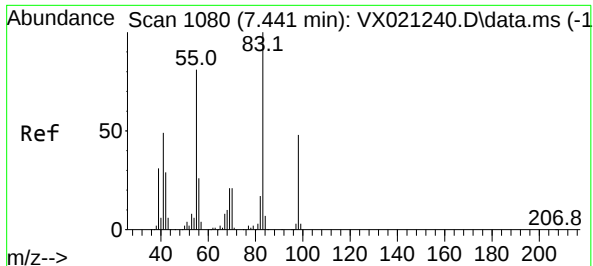
Delta R.T. -0.129 min

Lab File: VX021405.D

Acq: 23 Mar 2021 23:57

Tgt Ion:	117	Resp:	8417
Ion	Ratio	Lower	Upper
117	100		
119	7.4	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.69 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.253 min

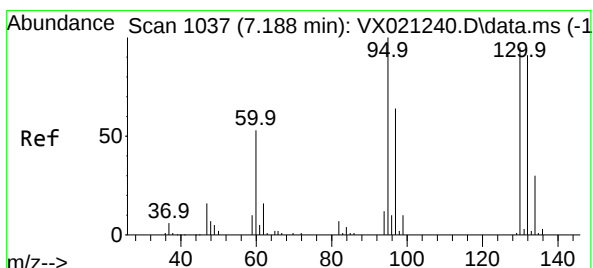
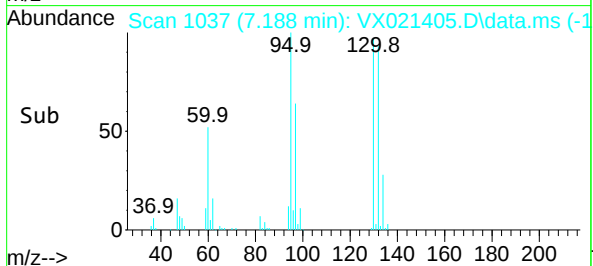
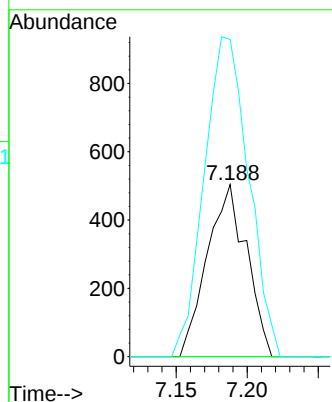
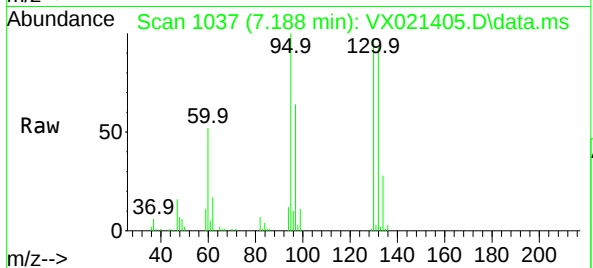
Lab File: VX021405.D

Acq: 23 Mar 2021 23:57

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 83 Resp: 970

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	184.3	38.1	57.1#



#44

Trichloroethene

Concen: 74.55 ug/l

RT: 7.188 min Scan# 1037

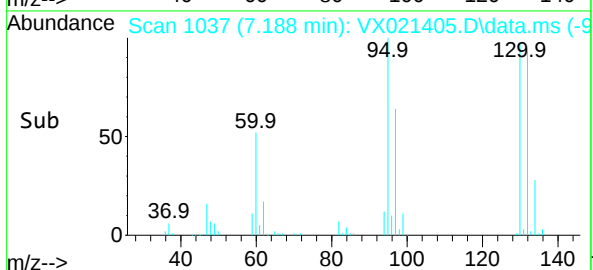
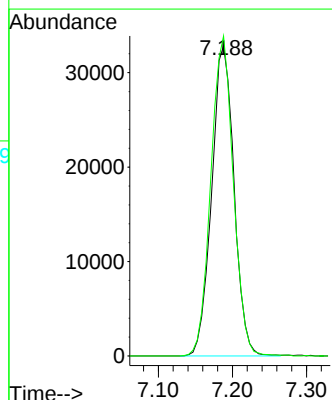
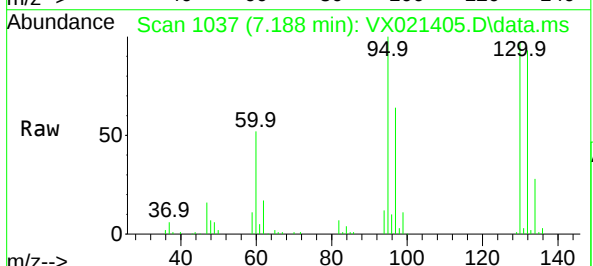
Delta R.T. -0.000 min

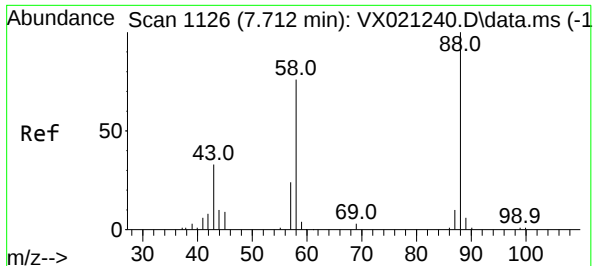
Lab File: VX021405.D

Acq: 23 Mar 2021 23:57

Tgt Ion: 130 Resp: 68760

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	198.0

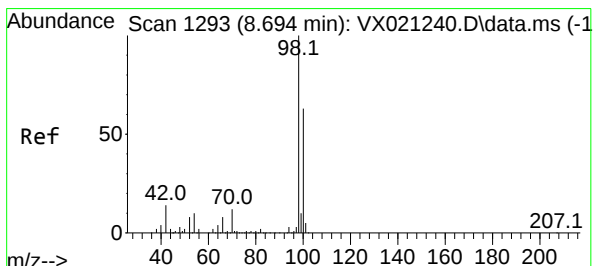
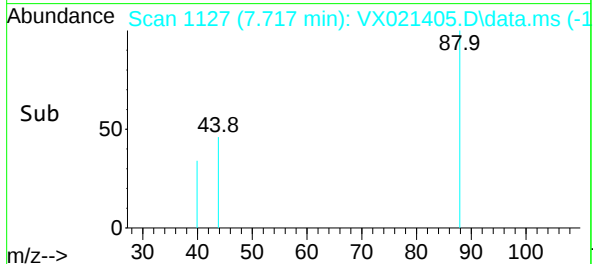
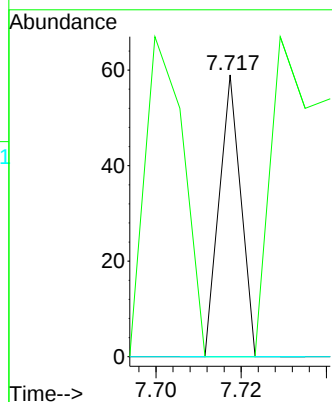
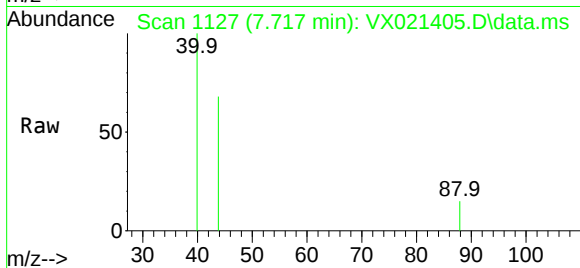




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

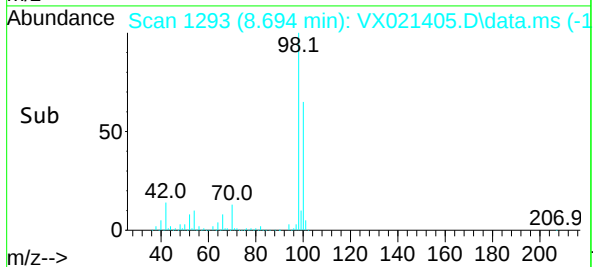
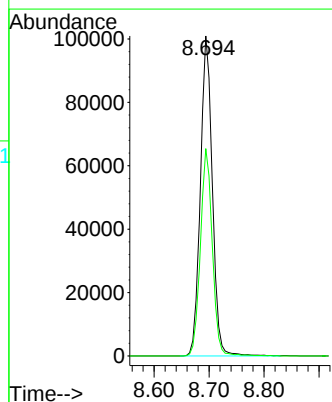
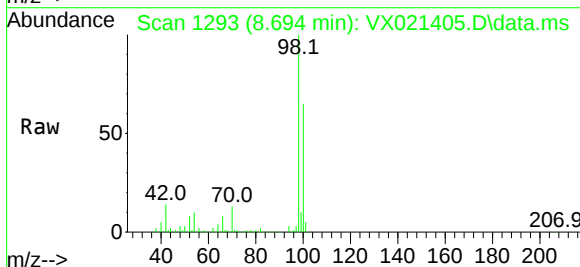
Instrument :
MSVOA_X
ClientSampled :

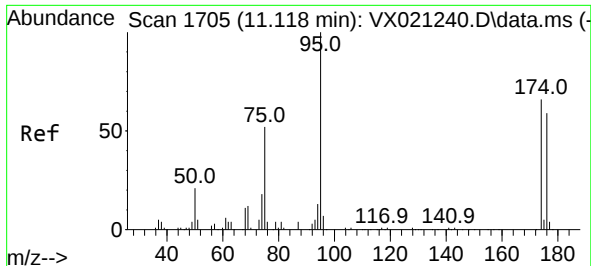
Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 290.5 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

Tgt Ion: 98 Resp: 152938
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

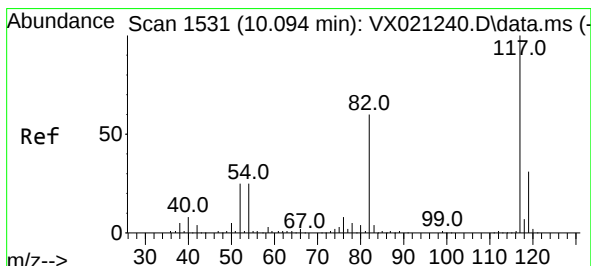
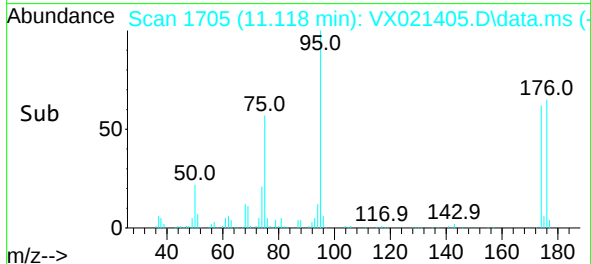
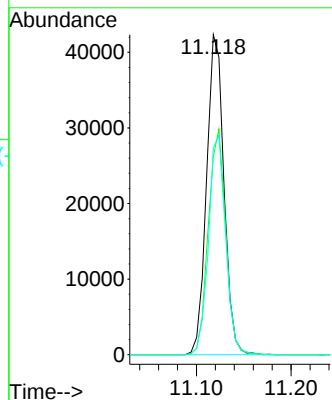
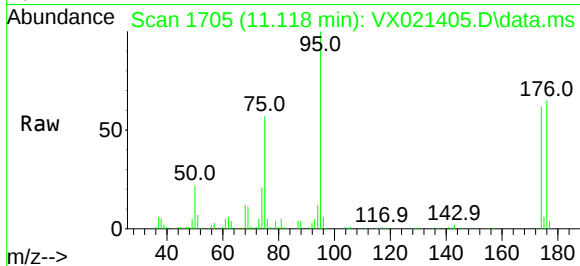




#62
4-Bromofluorobenzene
Concen: 44.88 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

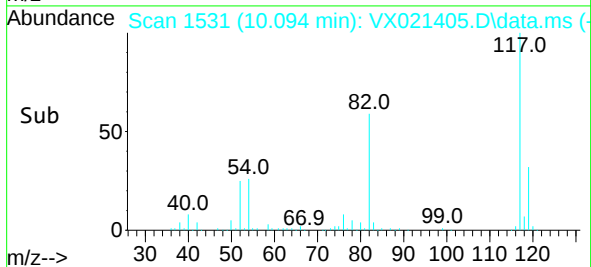
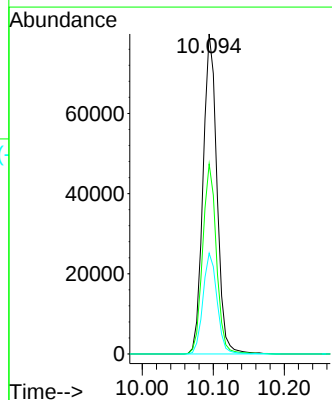
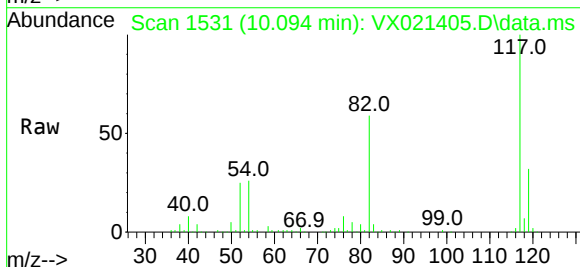
Instrument :
MSVOA_X
ClientSampleId :

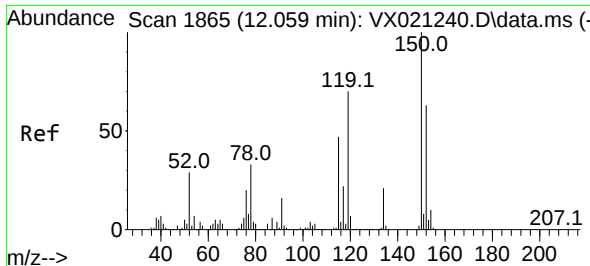
Tgt Ion: 95 Resp: 53807
Ion Ratio Lower Upper
95 100
174 70.7 0.0 154.6
176 67.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

Tgt Ion: 117 Resp: 109066
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.5 26.6 39.8

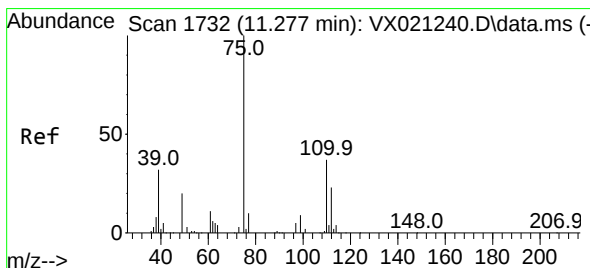
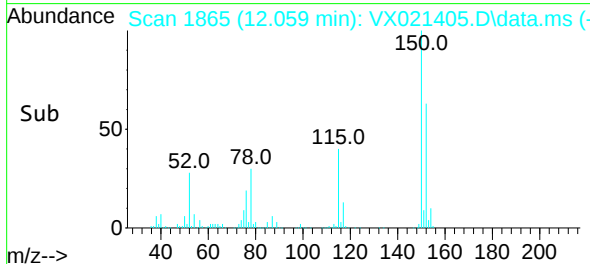
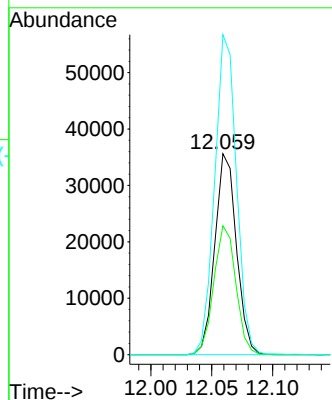
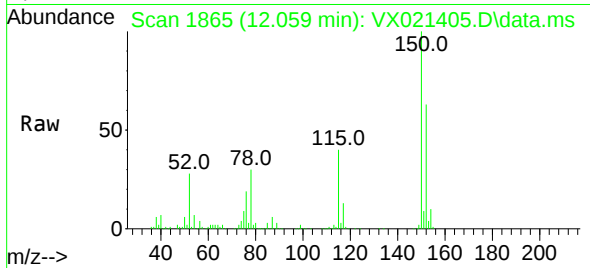




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

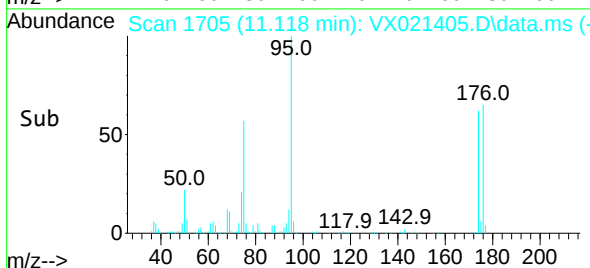
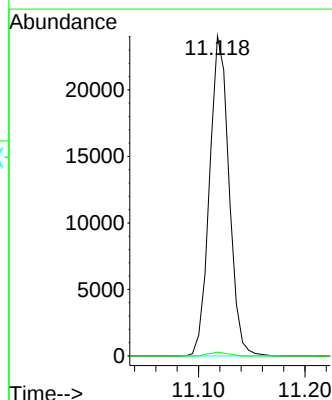
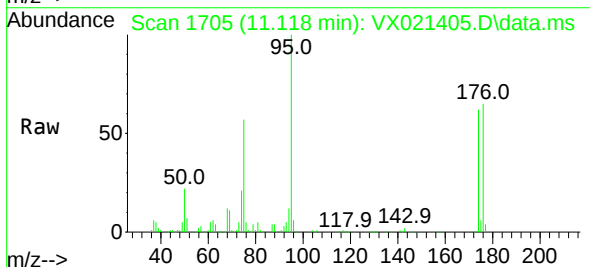
Instrument :
MSVOA_X
ClientSampled :

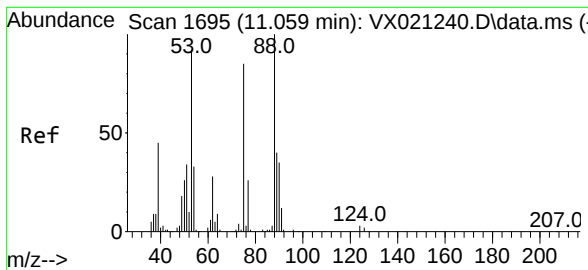
Tgt Ion:152 Resp: 44016
Ion Ratio Lower Upper
152 100
115 65.4 41.1 123.3
150 160.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.91 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021405.D
Acq: 23 Mar 2021 23:57

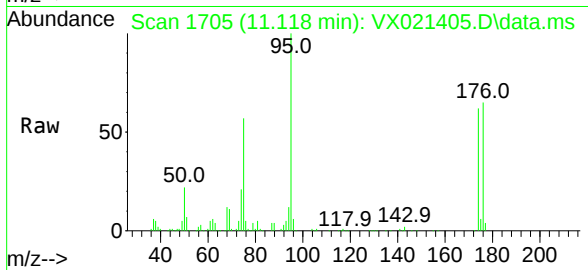
Tgt Ion: 75 Resp: 30543
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.21 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021405.D
 Acq: 23 Mar 2021 23:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 30543
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

