

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023209.D
 Acq On : 08 Jul 2021 19:01
 Operator : JC/MD
 Sample : M2748-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 08:14:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

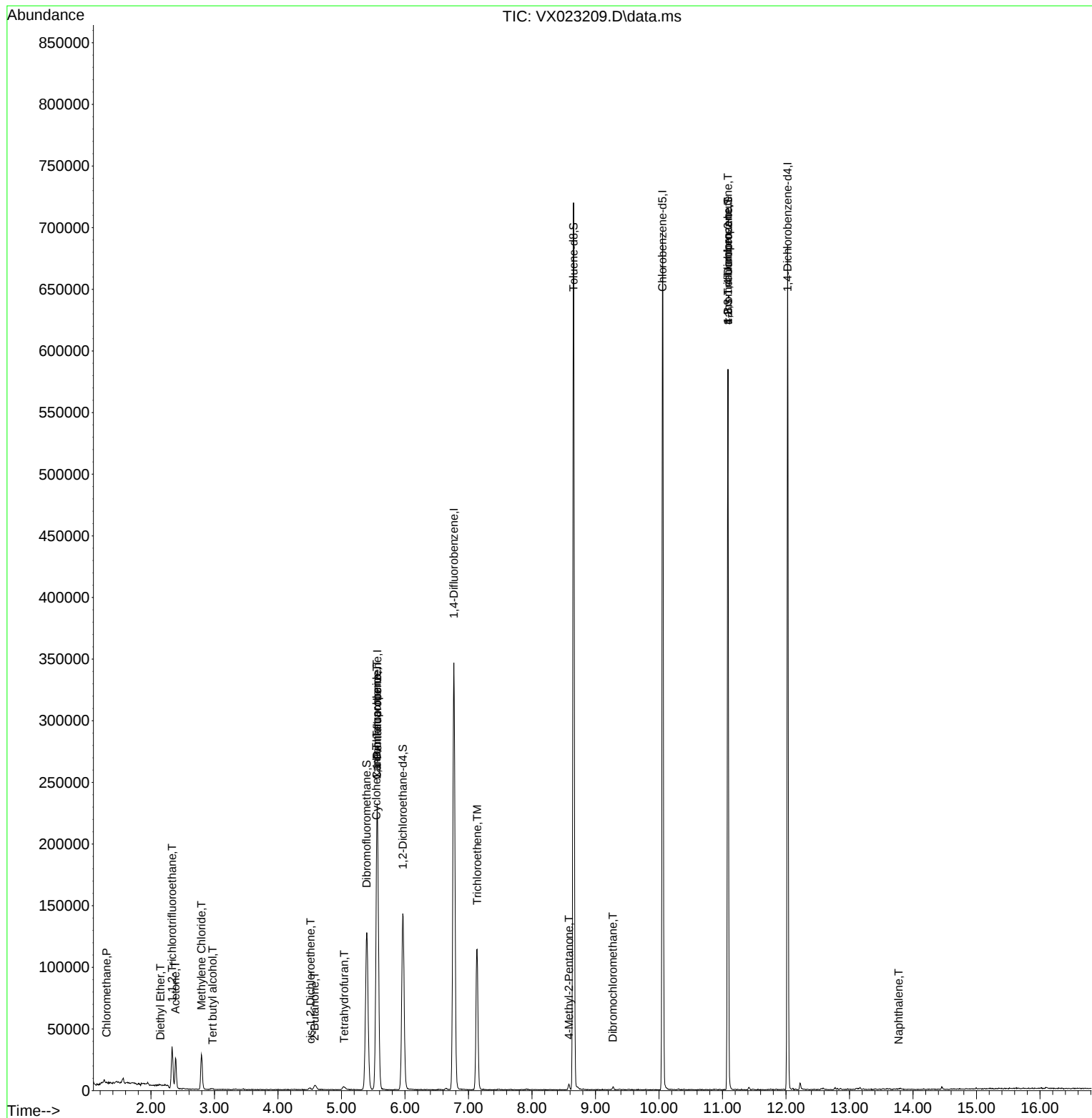
Internal Standards						
1) Pentafluorobenzene	5.562	168	210508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	345133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146878	51.915	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.820%
35) Dibromofluoromethane	5.397	113	109783	49.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.520%
50) Toluene-d8	8.653	98	410816	49.415	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.820%
62) 4-Bromofluorobenzene	11.085	95	150598	46.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	458	0.243	ug/l #	86
5) Bromomethane	1.618	94	540	Below Cal		84
8) Diethyl Ether	2.148	74	258	0.201	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	2.331	101	13161	6.473	ug/l	98
11) Tert butyl alcohol	2.971	59	559	0.939	ug/l #	85
16) Acetone	2.386	43	25536	22.814	ug/l	90
20) Methylene Chloride	2.794	84	12883	5.346	ug/l	93
25) 2-Butanone	4.574	43	5079	3.009	ug/l #	86
27) cis-1,2-Dichloroethene	4.513	96	872	0.355	ug/l	92
29) Tetrahydrofuran	5.044	42	2440	2.249	ug/l #	53
31) Cyclohexane	5.550	56	4661	1.376	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	16845	5.475	ug/l #	49
38) Carbon Tetrachloride	5.556	117	22852	7.116	ug/l #	17
44) Trichloroethene	7.135	130	44642	17.617	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	2937	0.849	ug/l	93
60) Dibromochloromethane	9.275	129	383	3.245	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	77599	28.942	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	77599	77.879	ug/l #	12
95) Naphthalene	13.774	128	730	1.347	ug/l #	79

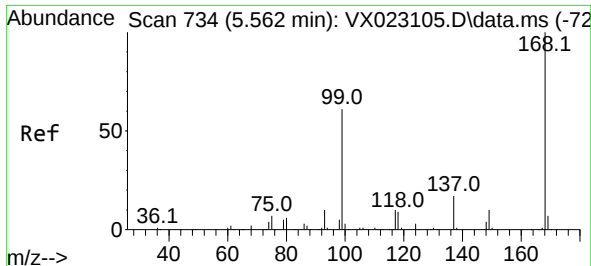
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jul 09 08:14:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

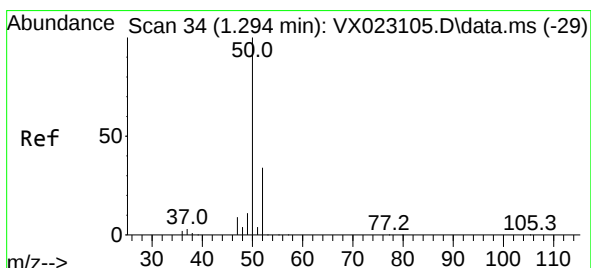
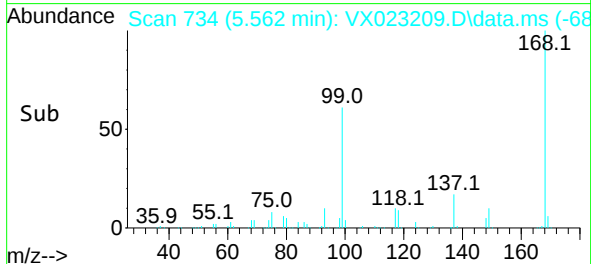
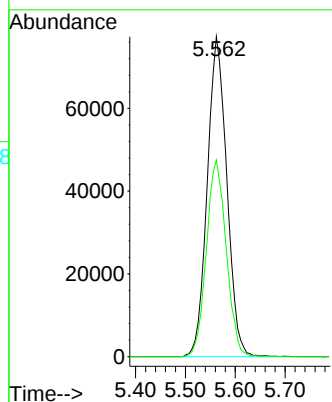
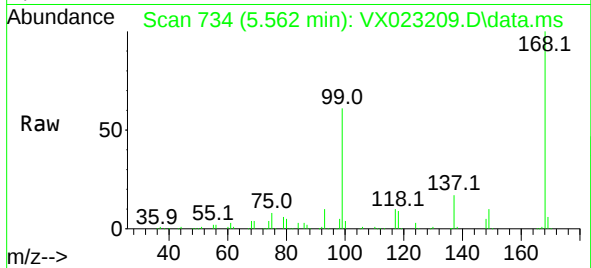




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

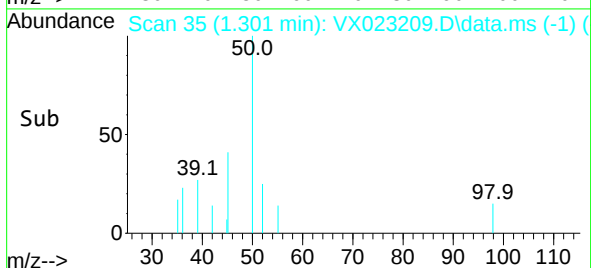
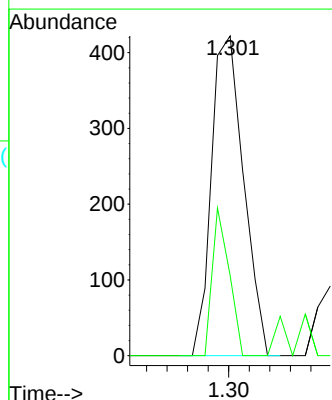
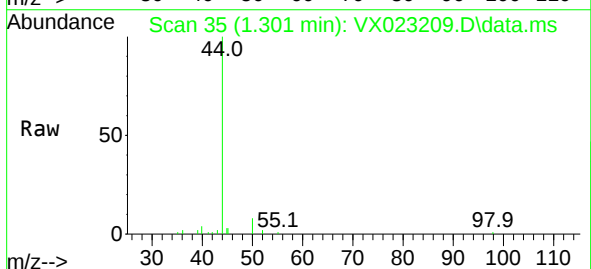
Instrument :
MSVOA_X
ClientSampled :

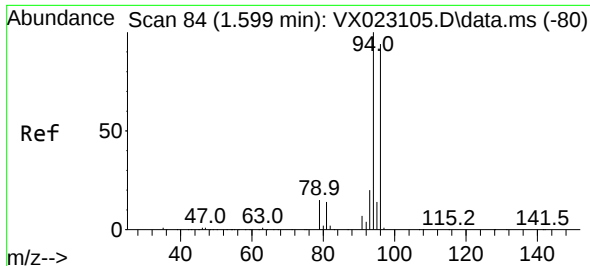
Tgt Ion:168 Resp: 210508
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 50 Resp: 458
Ion Ratio Lower Upper
50 100
52 25.1 26.4 39.6#

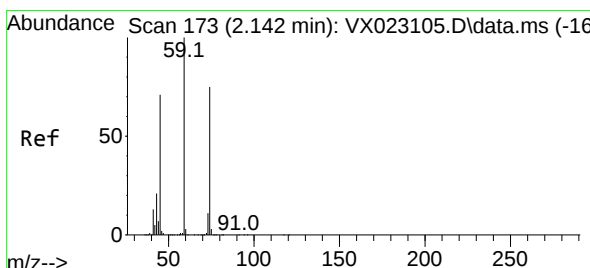
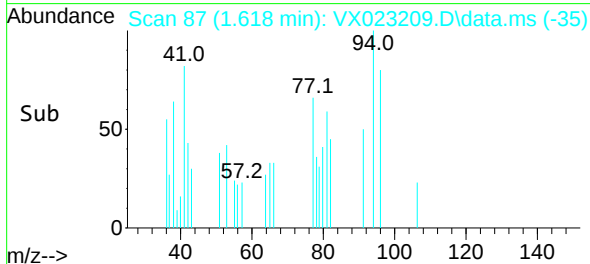
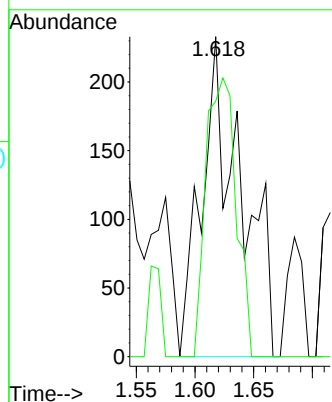
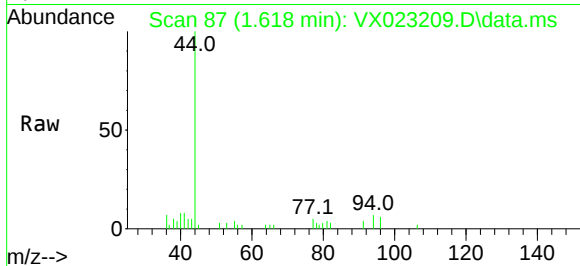




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

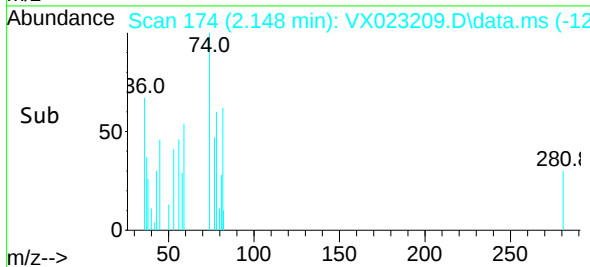
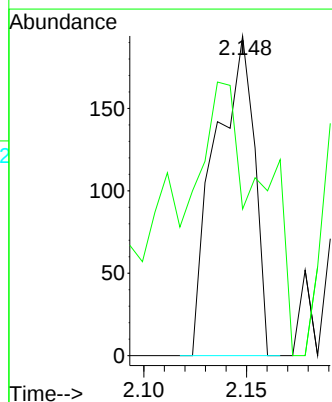
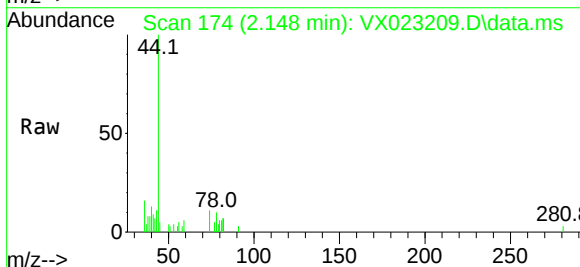
Instrument :
MSVOA_X
ClientSampleId :

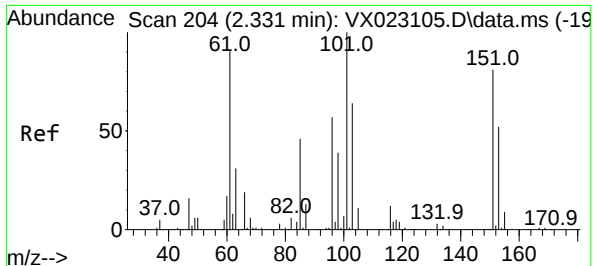
Tgt Ion: 94 Resp: 540
Ion Ratio Lower Upper
94 100
96 79.8 76.4 114.6



#8
Diethyl Ether
Concen: 0.201 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.006 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 74 Resp: 258
Ion Ratio Lower Upper
74 100
45 136.8 44.5 133.5#

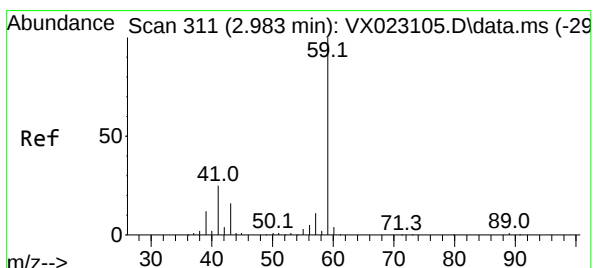
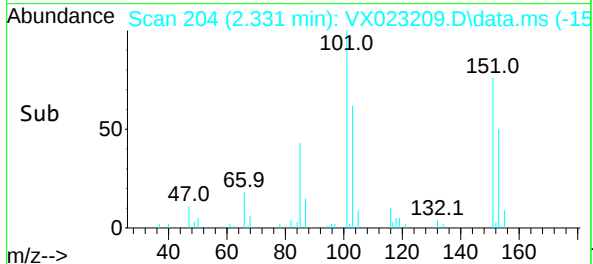
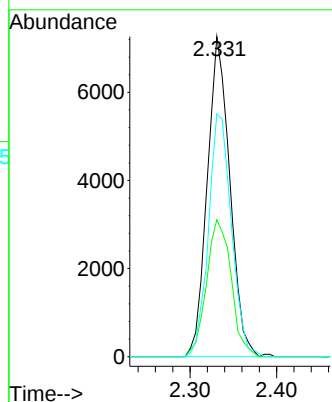
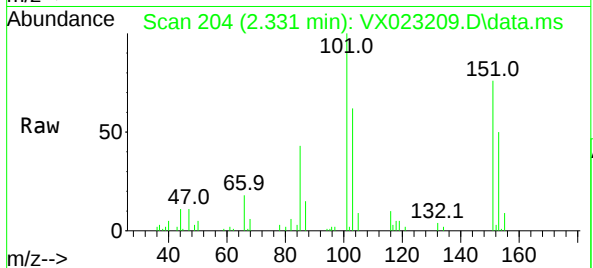




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.473 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

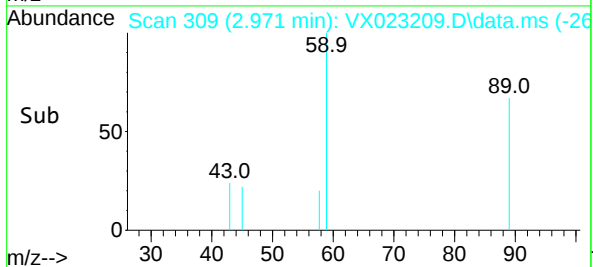
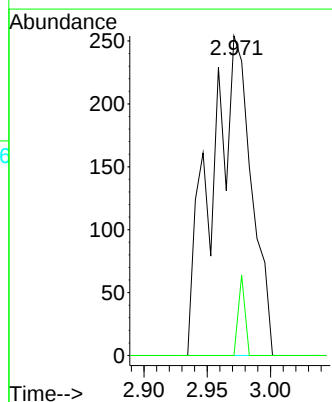
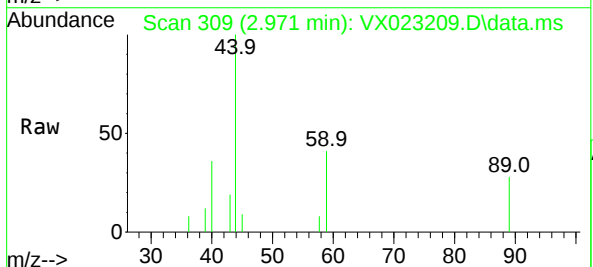
Instrument :
MSVOA_X
ClientSampled :

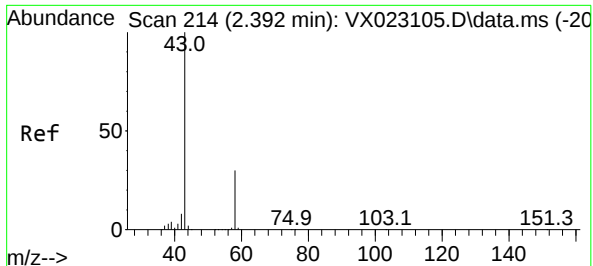
Tgt Ion:101 Resp: 13161
Ion Ratio Lower Upper
101 100
85 46.6 34.9 52.3
151 77.2 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.939 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 59 Resp: 559
Ion Ratio Lower Upper
59 100
57 4.1 7.8 11.8#

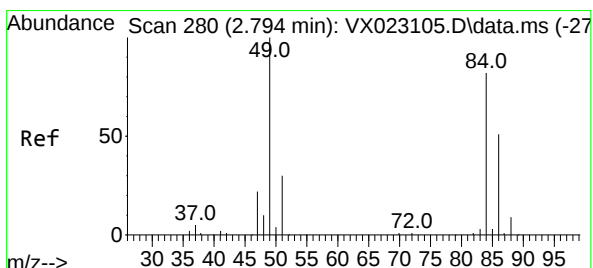
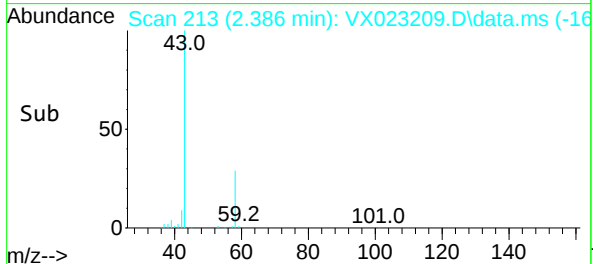
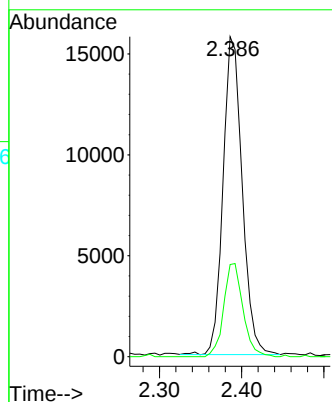
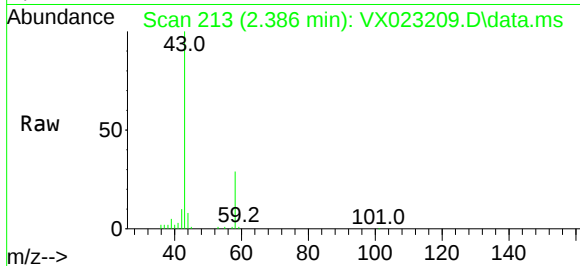




#16
Acetone
Concen: 22.814 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

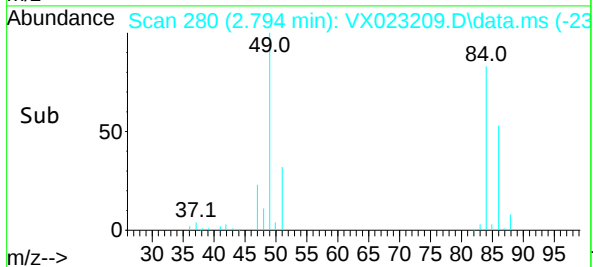
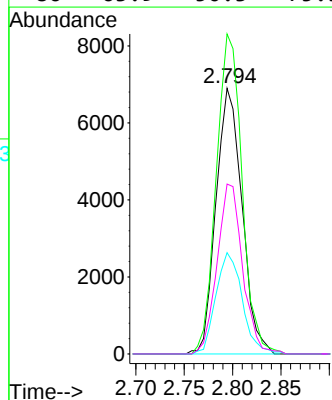
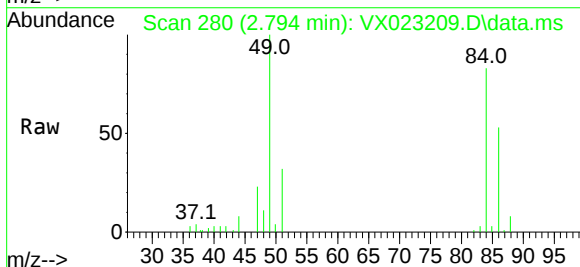
Instrument :
MSVOA_X
ClientSampled :

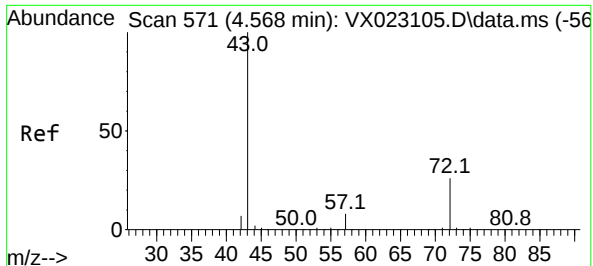
Tgt Ion: 43 Resp: 25536
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8



#20
Methylene Chloride
Concen: 5.346 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 84 Resp: 12883
Ion Ratio Lower Upper
84 100
49 120.5 88.6 132.8
51 38.2 27.0 40.6
86 63.9 50.3 75.5

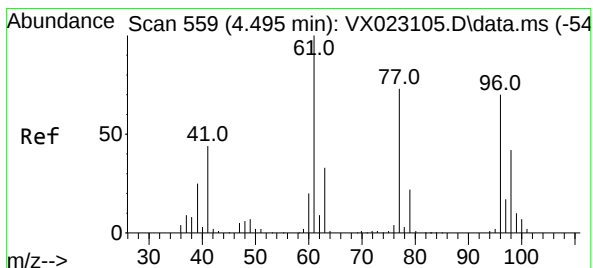
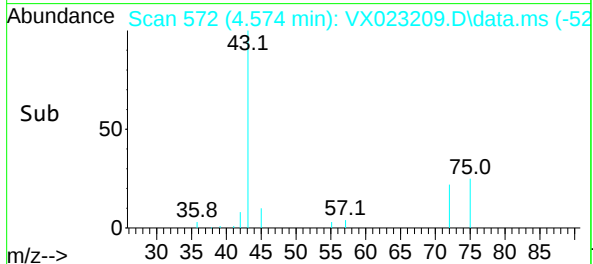
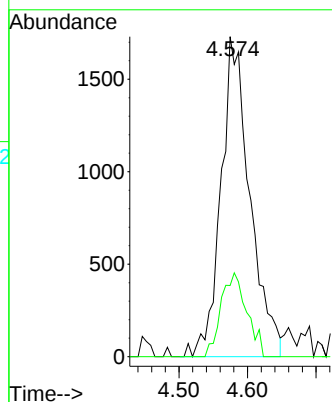
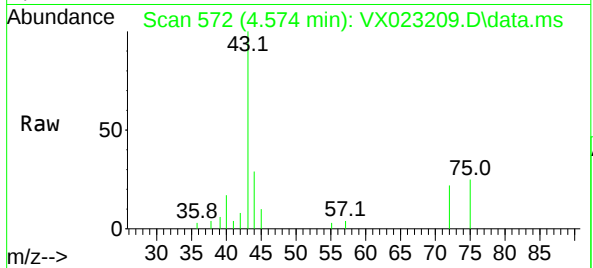




#25
2-Butanone
Concen: 3.009 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

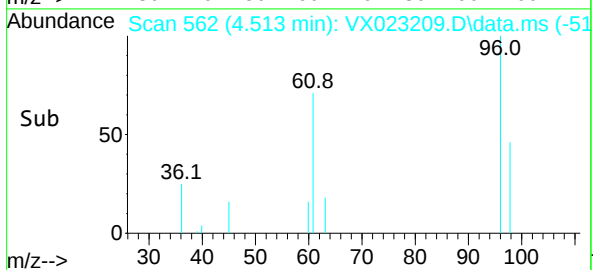
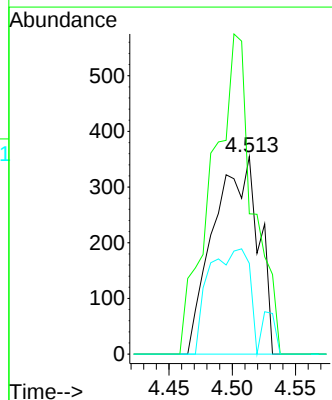
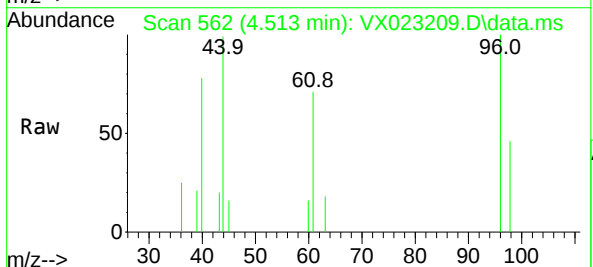
Instrument :
MSVOA_X
ClientSampled :

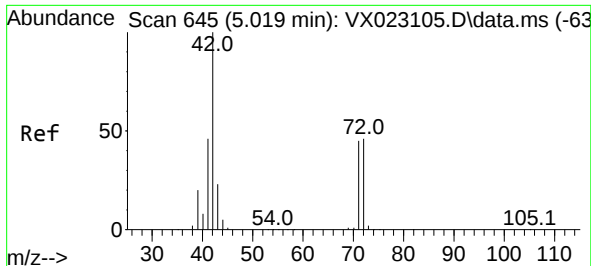
Tgt Ion: 43 Resp: 5079
Ion Ratio Lower Upper
43 100
72 22.3 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.355 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.018 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 96 Resp: 872
Ion Ratio Lower Upper
96 100
61 149.1 0.0 285.6
98 54.5 0.0 129.6





#29

Tetrahydrofuran

Concen: 2.249 ug/l

RT: 5.044 min Scan# 649

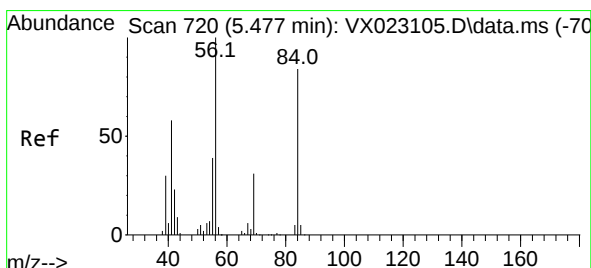
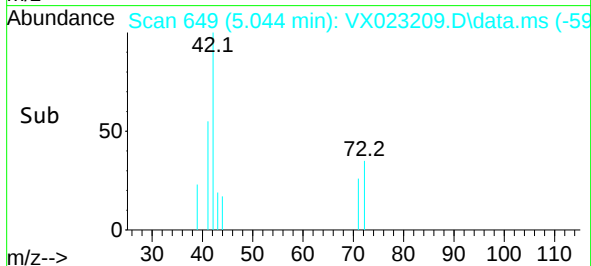
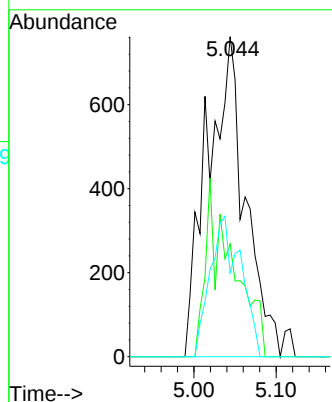
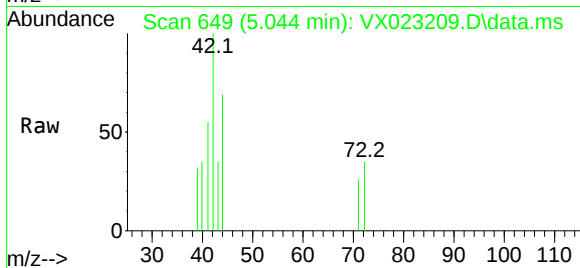
Delta R.T. 0.025 min

Lab File: VX023209.D

Acq: 08 Jul 2021 19:01

Tgt Ion:	42	Resp:	2440
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	35.4	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.376 ug/l

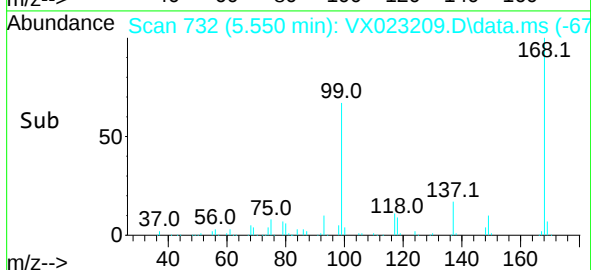
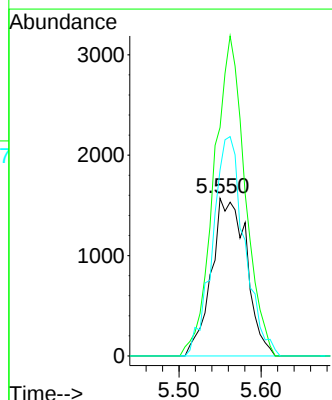
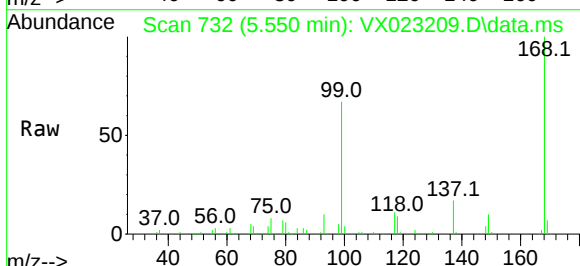
RT: 5.550 min Scan# 732

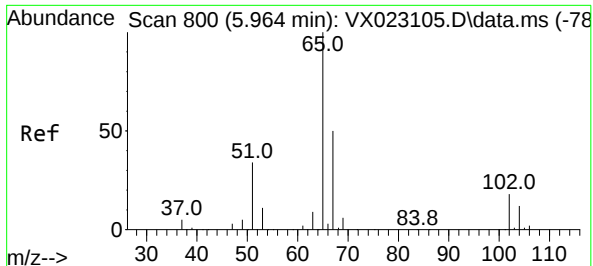
Delta R.T. 0.073 min

Lab File: VX023209.D

Acq: 08 Jul 2021 19:01

Tgt Ion:	56	Resp:	4661
Ion	Ratio	Lower	Upper
56	100		
69	145.0	25.3	37.9#
84	118.0	71.4	107.0#



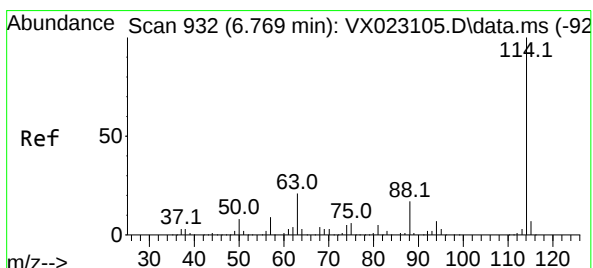
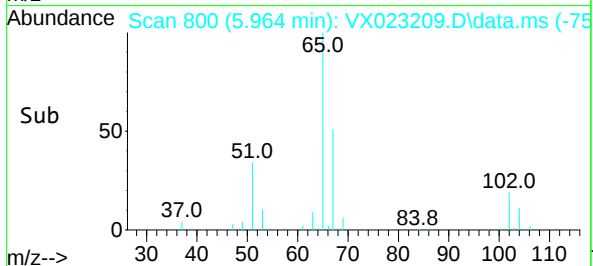
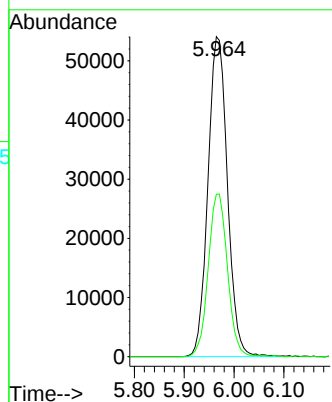
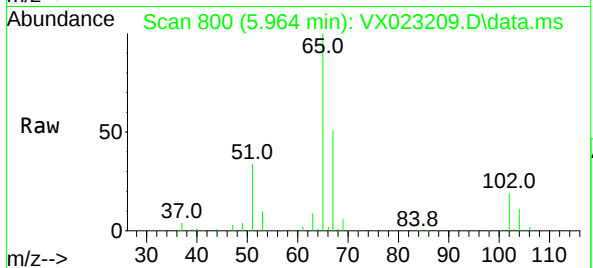


#33

1,2-Dichloroethane-d4
Concen: 51.915 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Instrument :
MSVOA_X
ClientSampled :

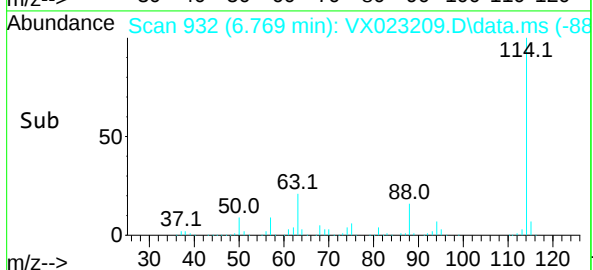
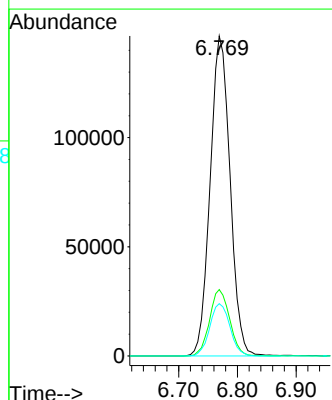
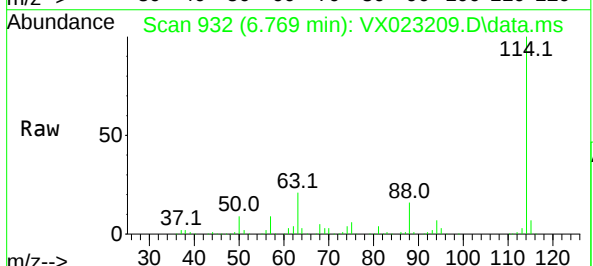
Tgt Ion: 65 Resp: 146878
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

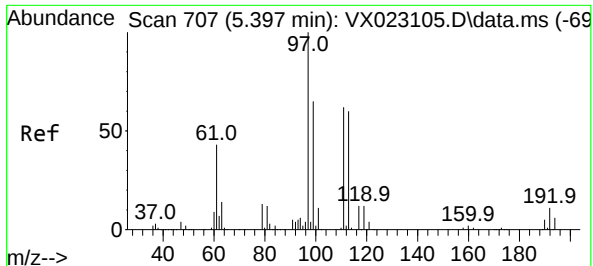


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 114 Resp: 345133
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.4 0.0 32.8

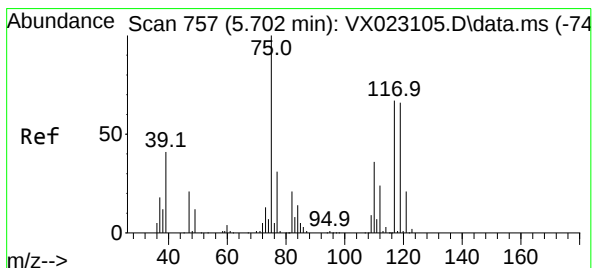
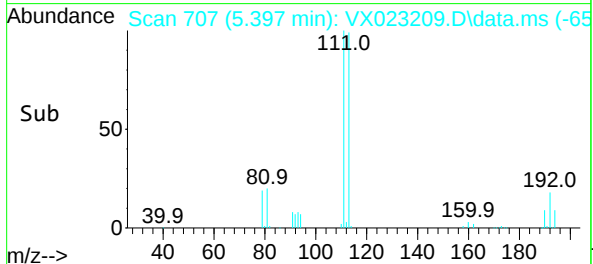
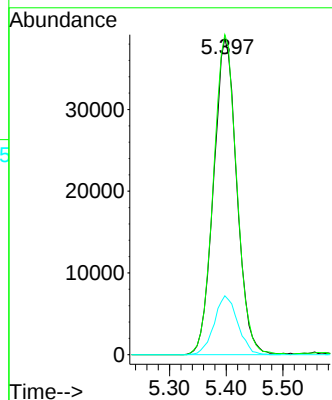
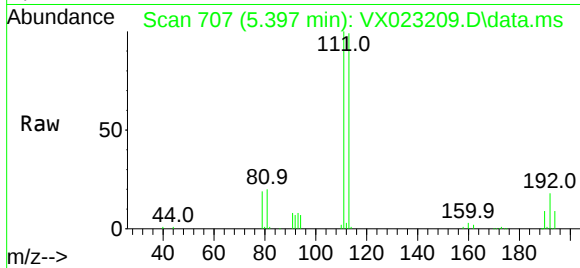




#35
Dibromofluoromethane
Concen: 49.258 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

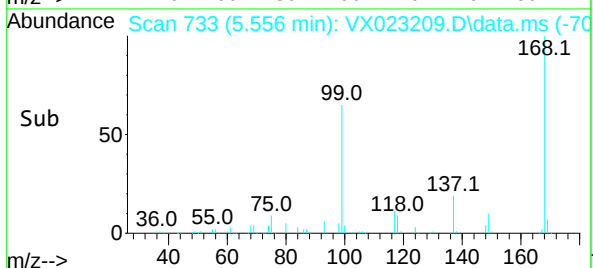
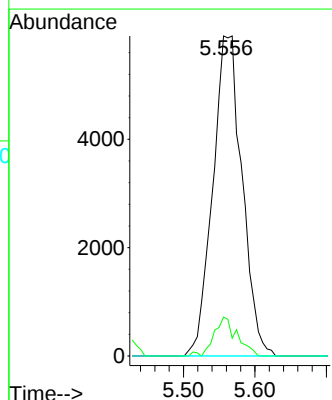
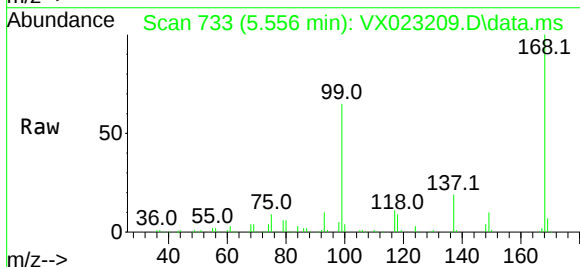
Instrument :
MSVOA_X
ClientSampleId :

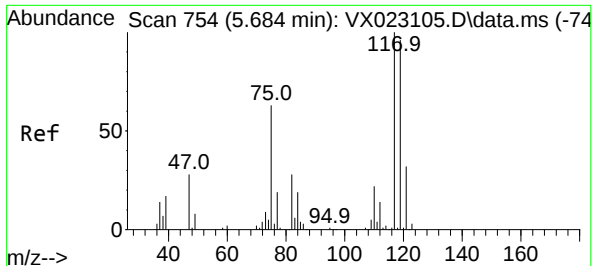
Tgt Ion:113 Resp: 109783
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.475 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 75 Resp: 16845
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#

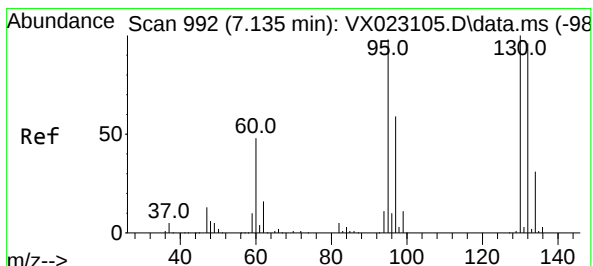
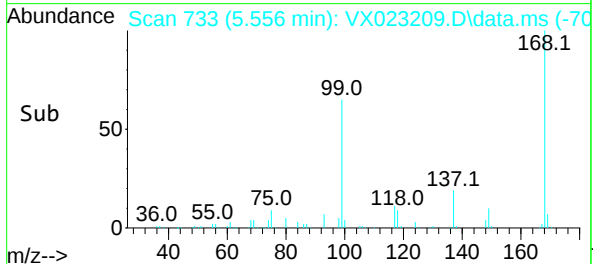
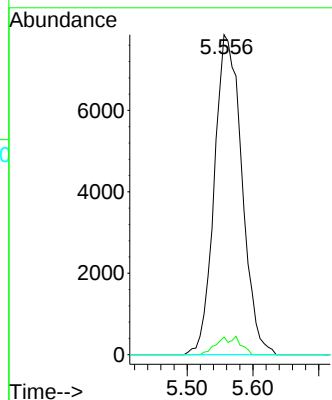
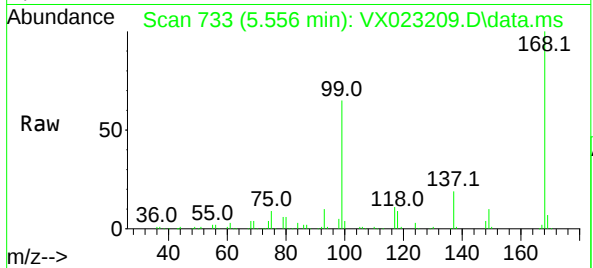




#38
Carbon Tetrachloride
Concen: 7.116 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

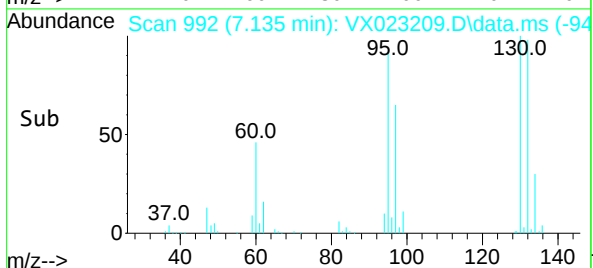
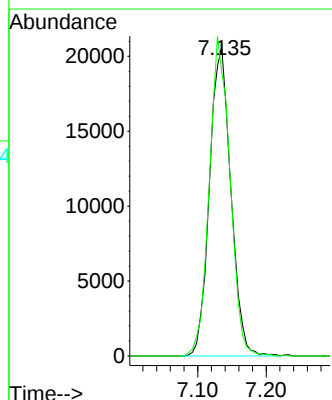
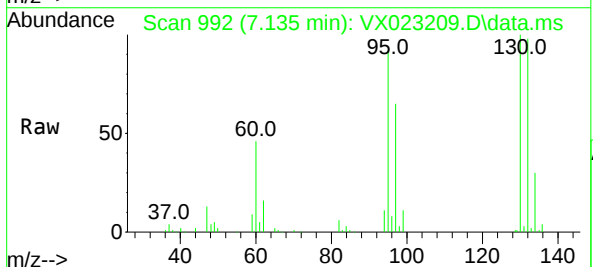
Instrument :
MSVOA_X
ClientSampleId :

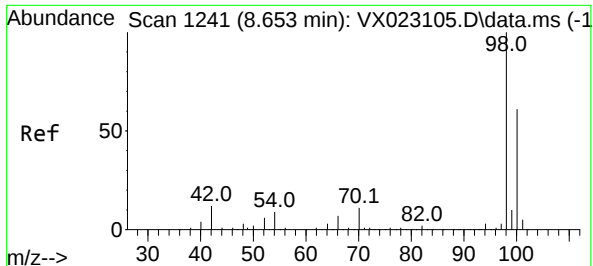
Tgt Ion:117 Resp: 22852
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 17.617 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion:130 Resp: 44642
Ion Ratio Lower Upper
130 100
95 92.1 0.0 198.0

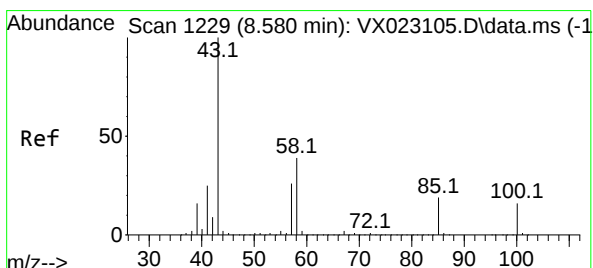
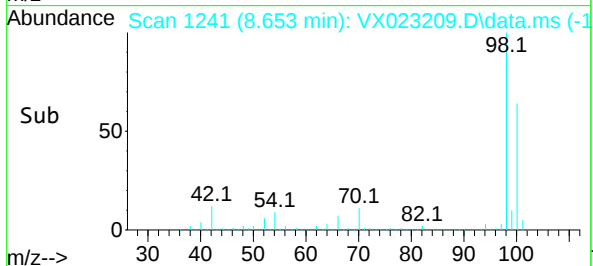
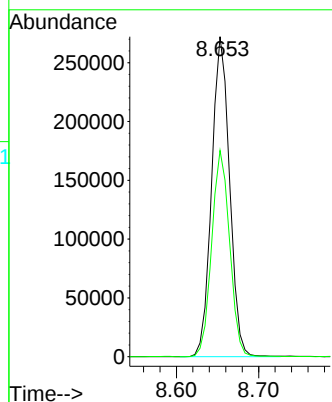
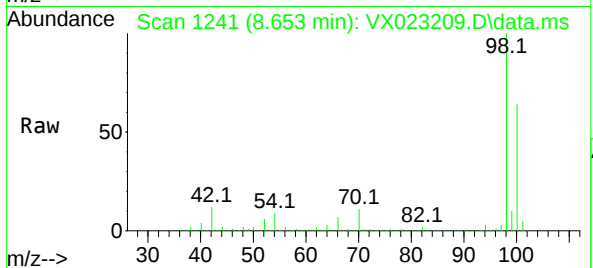




#50
Toluene-d8
Concen: 49.415 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

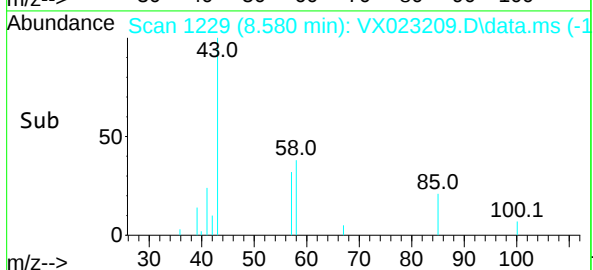
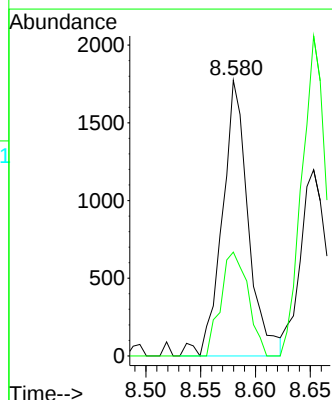
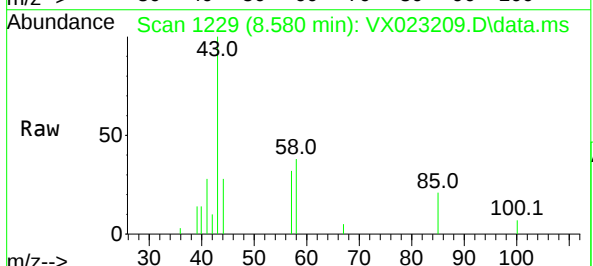
Instrument :
MSVOA_X
ClientSampled :

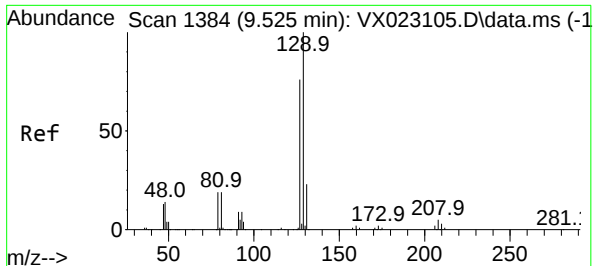
Tgt Ion: 98 Resp: 410816
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.849 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 43 Resp: 2937
Ion Ratio Lower Upper
43 100
58 39.5 35.4 53.0

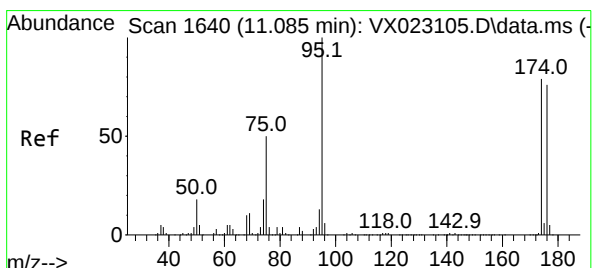
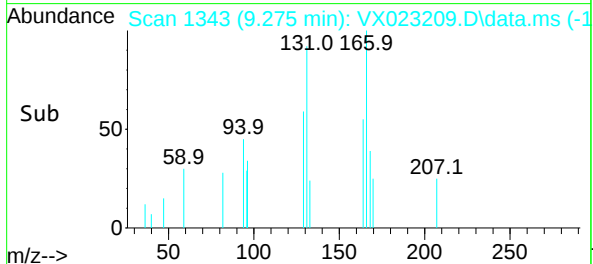
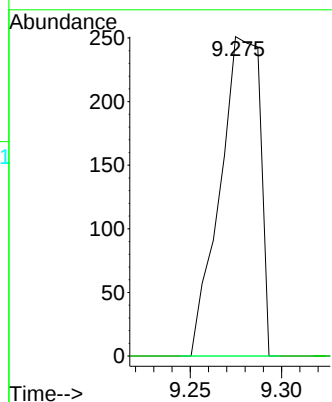
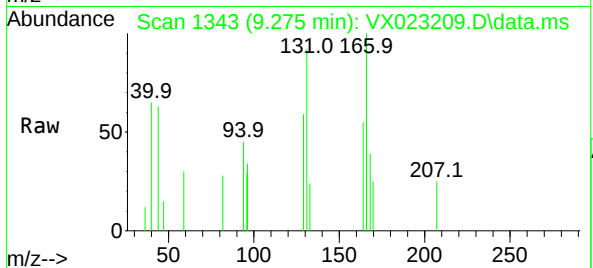




#60
Dibromochloromethane
Concen: 3.245 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

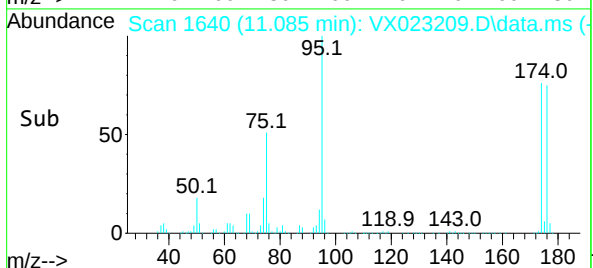
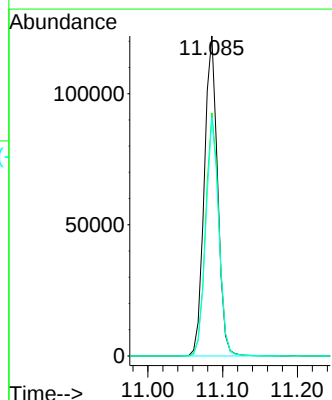
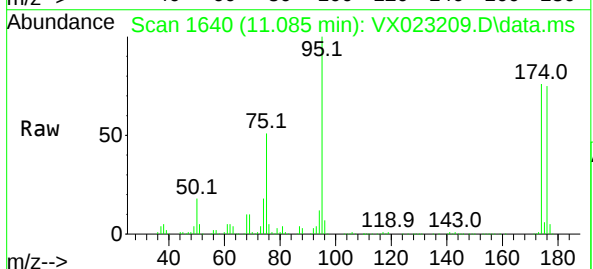
Instrument :
MSVOA_X
ClientSampled :

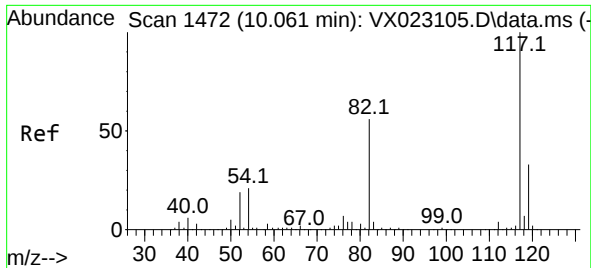
Tgt Ion:129 Resp: 383
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.922 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion: 95 Resp: 150598
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 72.7 0.0 155.8

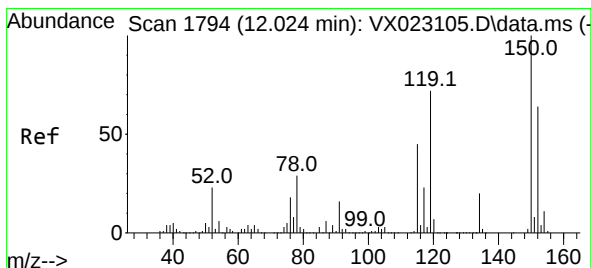
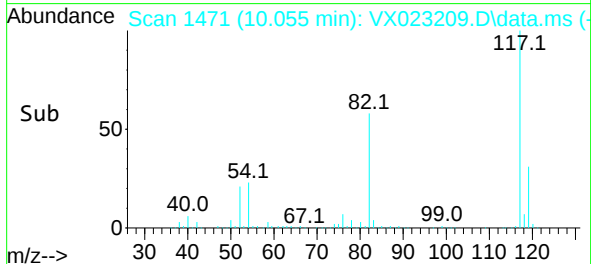
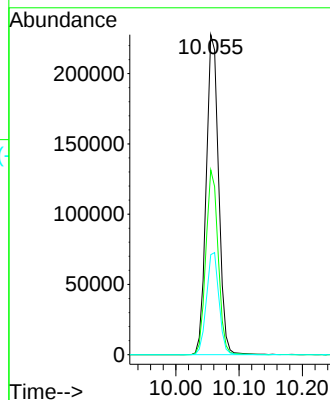
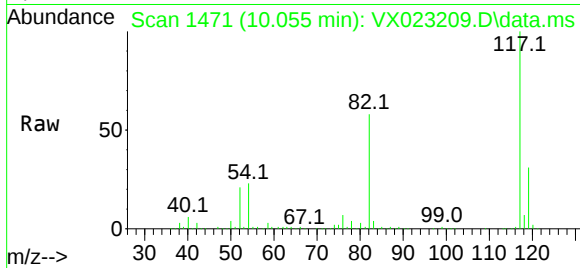




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

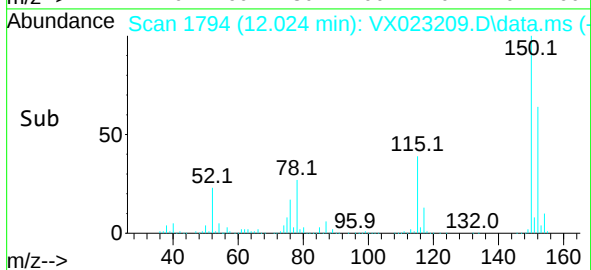
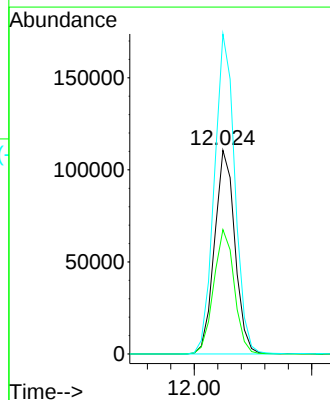
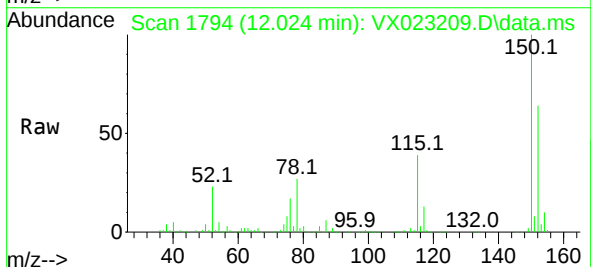
Instrument :
MSVOA_X
ClientSampleId :

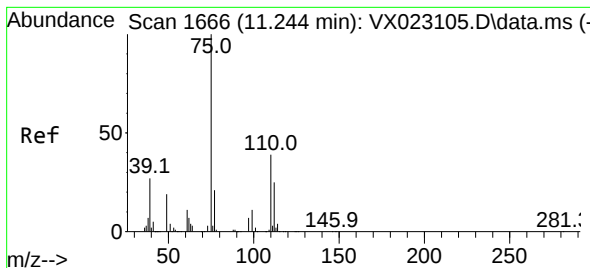
Tgt Ion:117 Resp: 311709
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Tgt Ion:152 Resp: 133236
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 157.9 0.0 349.0

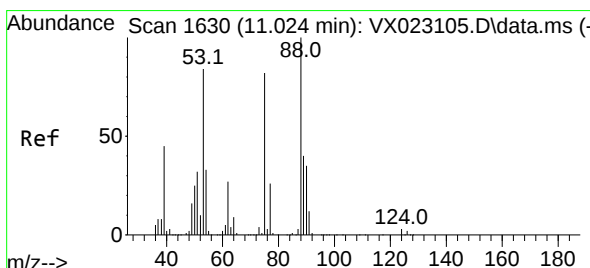
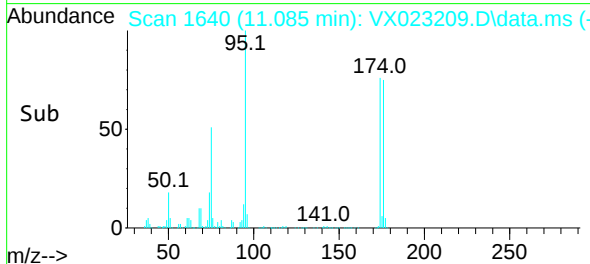
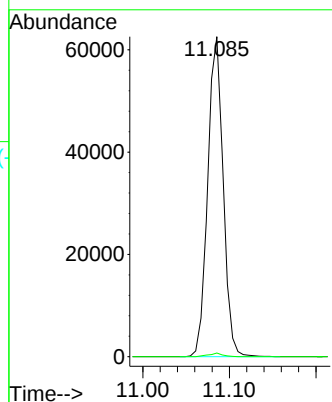
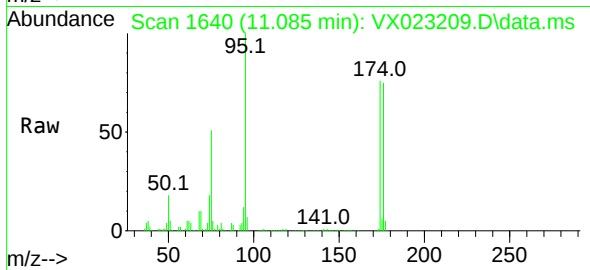




#76
1,2,3-Trichloropropane
Concen: 28.942 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

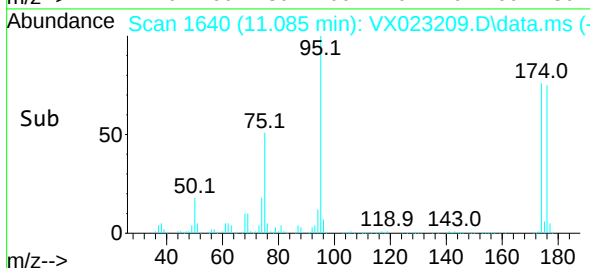
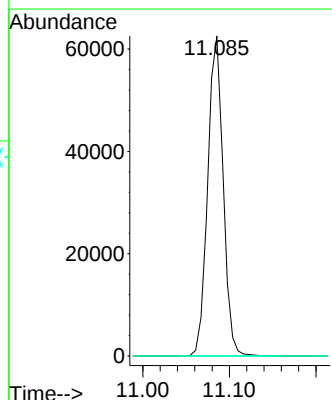
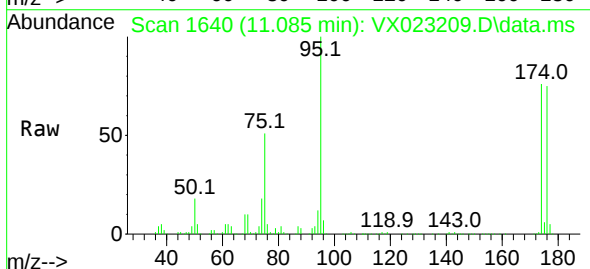
Instrument :
MSVOA_X
ClientSampled :

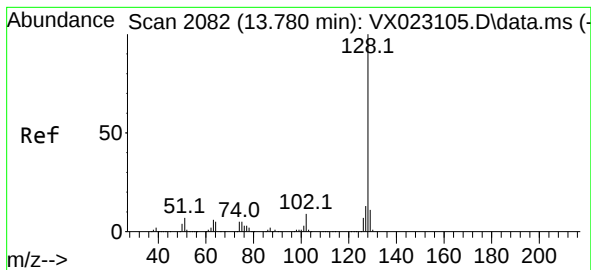
Tgt Ion: 75 Resp: 77599
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.879 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

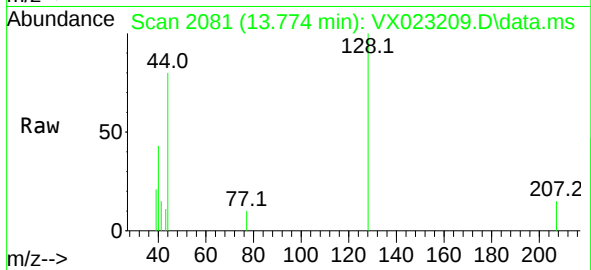
Tgt Ion: 75 Resp: 77599
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.347 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023209.D
Acq: 08 Jul 2021 19:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 730
Ion Ratio Lower Upper
128 100
127 7.3 10.3 15.5#
129 0.0 8.8 13.2#

