

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023985.D
 Acq On : 27 Aug 2021 12:24
 Operator : JC/MD
 Sample : M3535-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 28 04:54:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

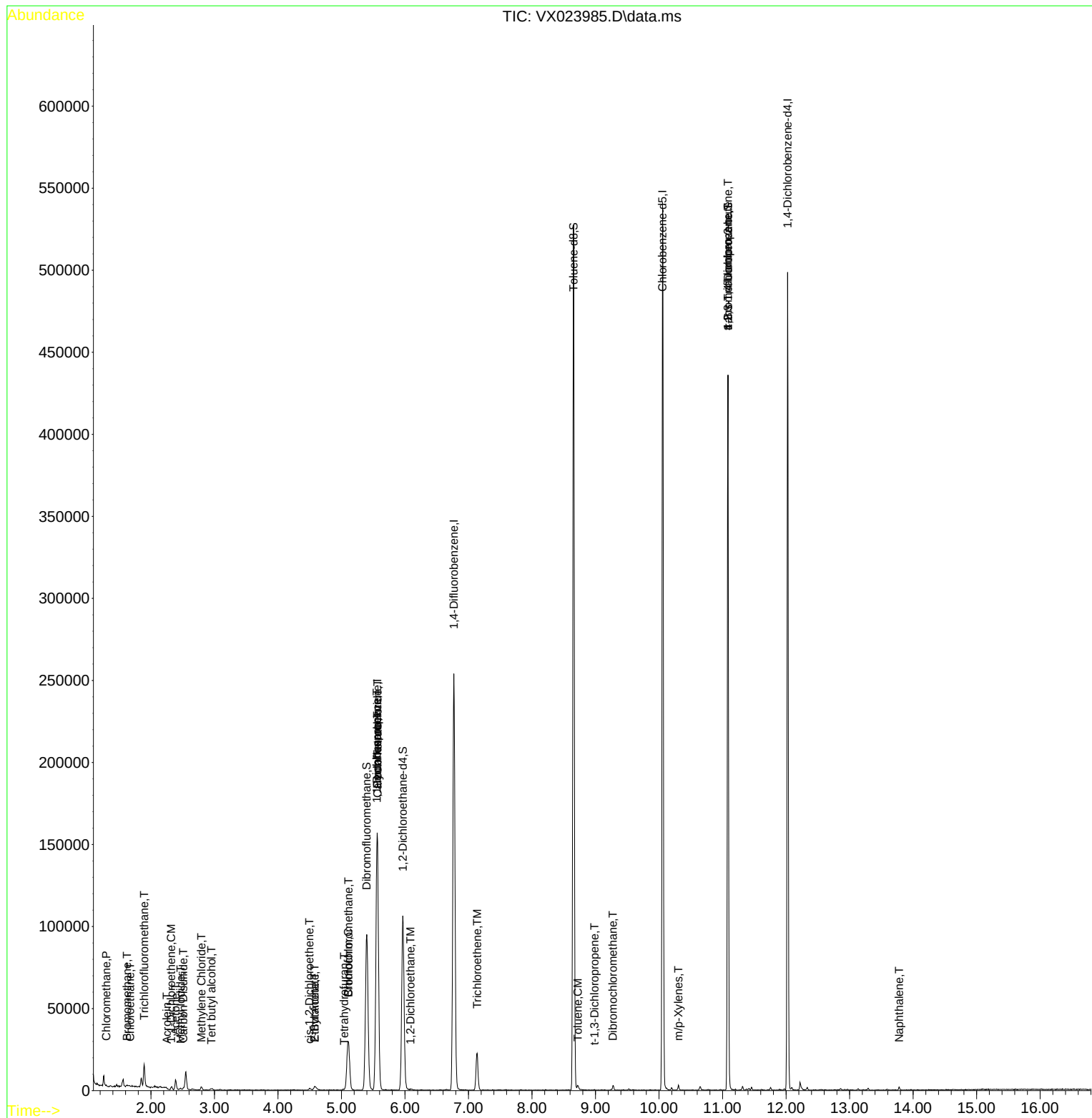
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	144236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104538	51.929	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.860%	
35) Dibromofluoromethane	5.397	113	81590	49.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.900%	
50) Toluene-d8	8.652	98	299544	47.701	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.400%	
62) 4-Bromofluorobenzene	11.085	95	108051	46.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.480%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	479	0.287	ug/l	94
5) Bromomethane	1.623	94	754	0.736	ug/l	82
6) Chloroethane	1.672	64	74	2.270	ug/l #	43
7) Trichlorofluoromethane	1.891	101	8985	3.492	ug/l	89
10) Methyl Iodide	2.465	142	1183	0.587	ug/l #	92
11) Tert butyl alcohol	2.952	59	671	1.648	ug/l #	73
12) 1,1-Dichloroethene	2.318	96	500	0.361	ug/l #	84
13) Acrolein	2.251	56	51	0.211	ug/l #	62
16) Acetone	2.385	43	6067	6.740	ug/l	92
17) Carbon Disulfide	2.507	76	1823	0.552	ug/l #	94
20) Methylene Chloride	2.794	84	829	0.482	ug/l #	85
25) 2-Butanone	4.574	43	1690	1.240	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	733	0.417	ug/l	86
28) Bromochloromethane	5.110	49	3260	2.536	ug/l #	9
29) Tetrahydrofuran	5.043	42	222	0.251	ug/l #	68
30) Chloroform	5.104	83	36103	12.058	ug/l	98
31) Cyclohexane	5.562	56	3343	1.293	ug/l #	28
36) 1,1-Dichloropropene	5.555	75	11998	5.197	ug/l #	49
37) Ethyl Acetate	4.574	43	1690	0.596	ug/l #	64
38) Carbon Tetrachloride	5.568	117	15453	6.419	ug/l #	15
42) 1,2-Dichloroethane	6.086	62	551	0.205	ug/l #	73
44) Trichloroethene	7.134	130	8659	4.592	ug/l	96
52) Toluene	8.720	92	913	0.206	ug/l	83
53) t-1,3-Dichloropropene	8.982	75	94	2.168	ug/l #	44
60) Dibromochloromethane	9.274	129	317	1.840	ug/l #	11
68) m/p-Xylenes	10.305	106	674	0.206	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	58621	25.128	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58621	73.914	ug/l #	12
95) Naphthalene	13.780	128	1334	1.460	ug/l #	95

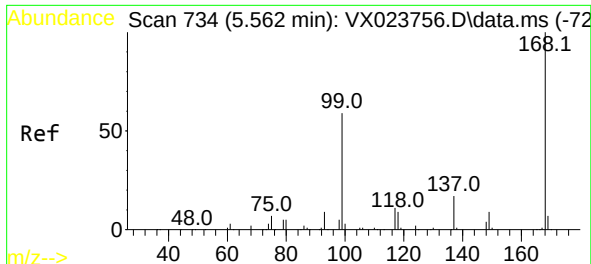
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
Data File : VX023985.D
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 28 04:54:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

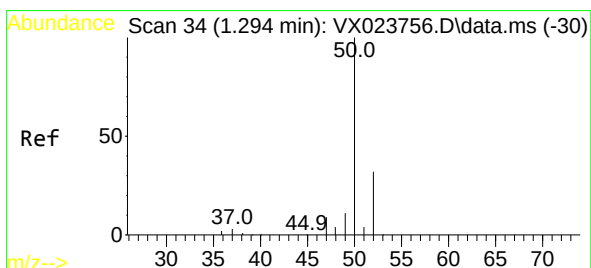
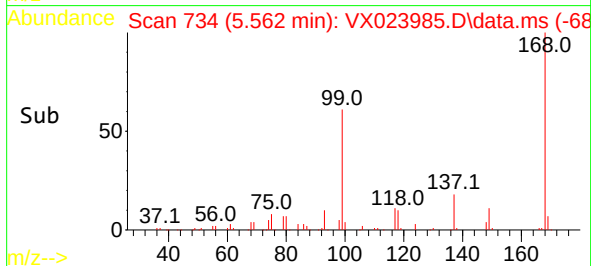
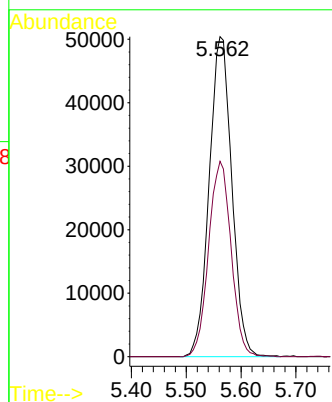
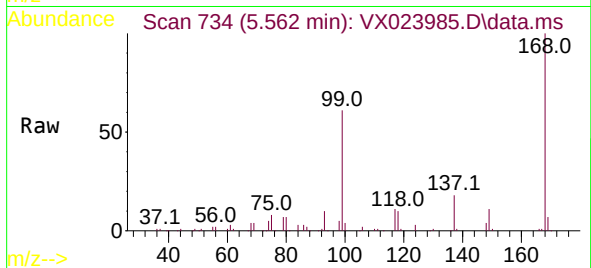




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

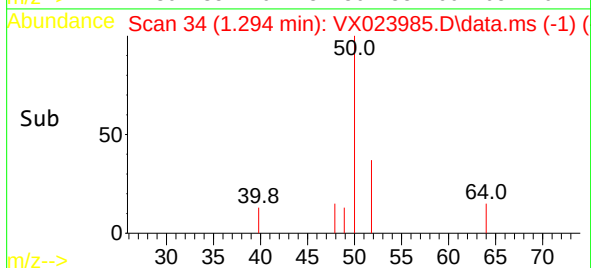
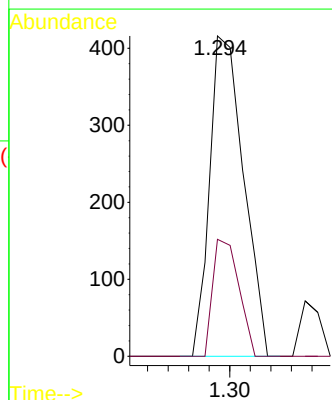
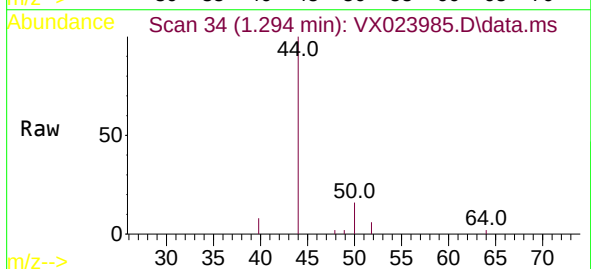
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 144236
Ion Ratio Lower Upper
168 100
99 61.1 45.8 68.6

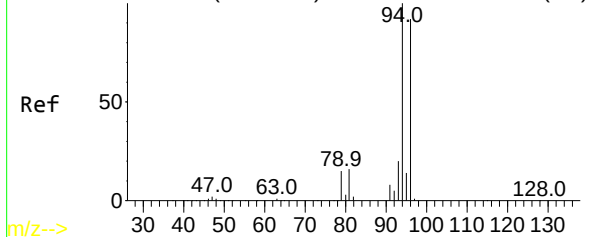


#3
Chloromethane
Concen: 0.287 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 50 Resp: 479
Ion Ratio Lower Upper
50 100
52 36.5 26.4 39.6



Abundance Scan 84 (1.599 min): VX023756.D\data.ms (-76)

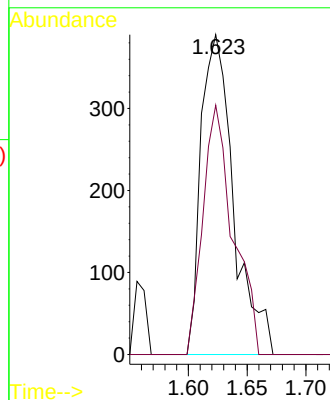
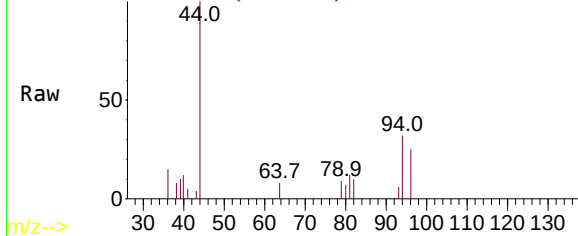


#5
Bromomethane
Concen: 0.736 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

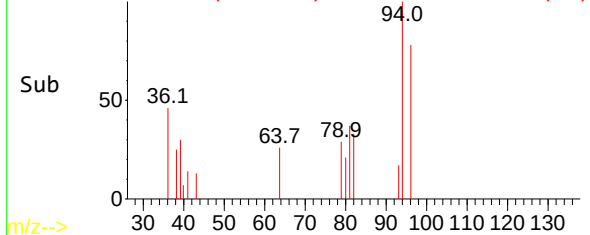
Tgt Ion: 94 Resp: 754
Ion Ratio Lower Upper
94 100
96 77.9 76.4 114.6

Instrument :
MSVOA_X
ClientSampled :

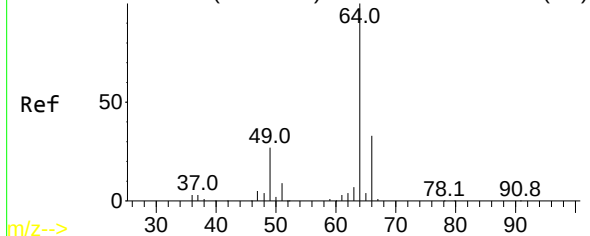
Abundance Scan 88 (1.623 min): VX023985.D\data.ms



Abundance Scan 88 (1.623 min): VX023985.D\data.ms (-35)



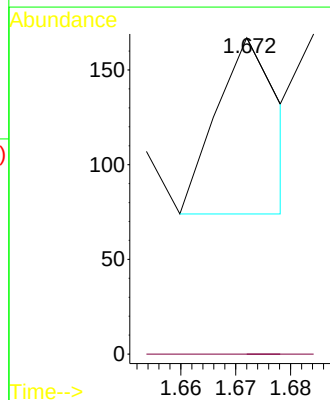
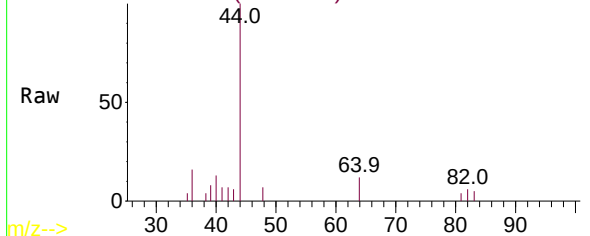
Abundance Scan 97 (1.679 min): VX023756.D\data.ms (-90)



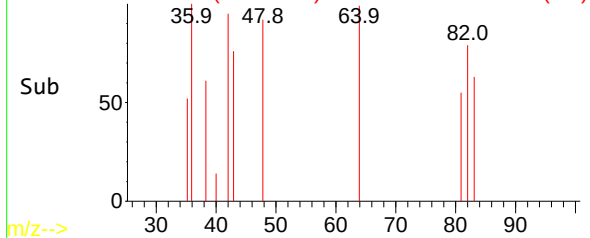
#6
Chloroethane
Concen: 2.270 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

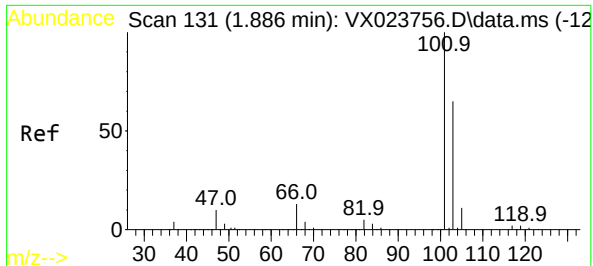
Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

Abundance Scan 96 (1.672 min): VX023985.D\data.ms



Abundance Scan 96 (1.672 min): VX023985.D\data.ms (-48)

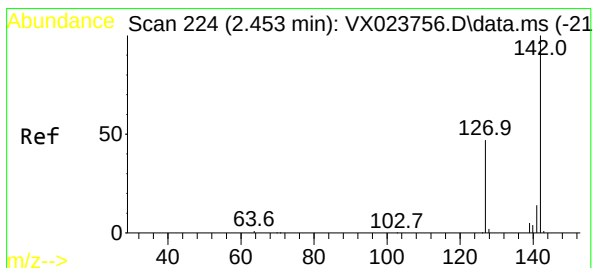
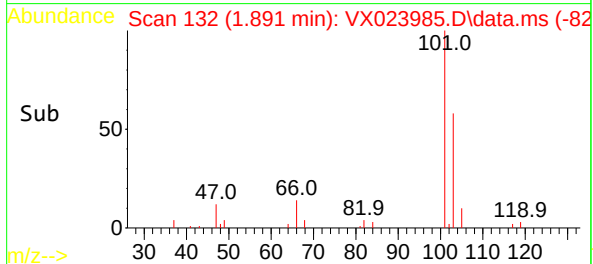
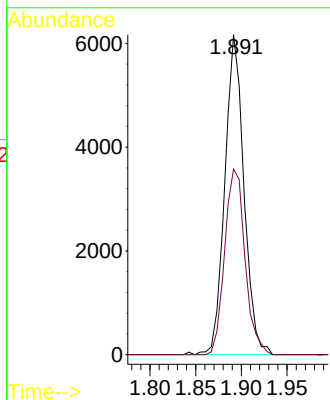
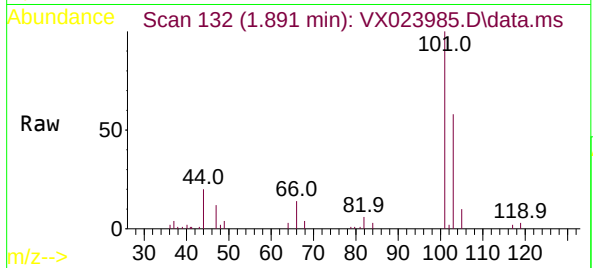




#7
Trichlorofluoromethane
Concen: 3.492 ug/l
RT: 1.891 min Scan# 132
Delta R.T. 0.005 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

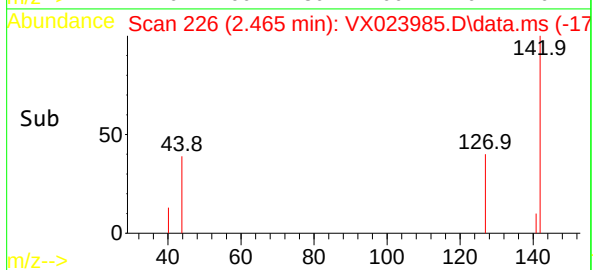
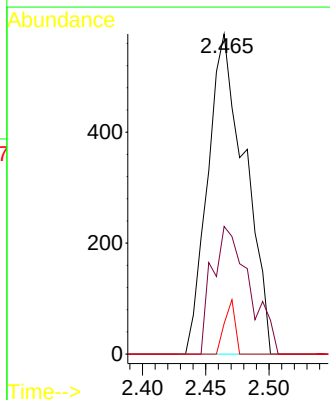
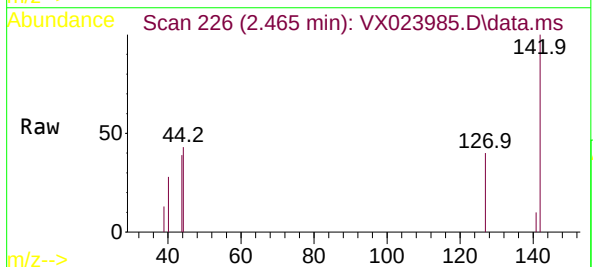
Instrument :
MSVOA_X
ClientSampled :

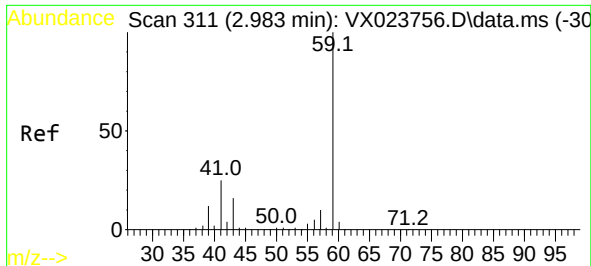
Tgt Ion:101 Resp: 8985
Ion Ratio Lower Upper
101 100
103 58.0 53.2 79.8



#10
Methyl Iodide
Concen: 0.587 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion:142 Resp: 1183
Ion Ratio Lower Upper
142 100
127 39.6 33.3 49.9
141 4.7 11.4 17.0#



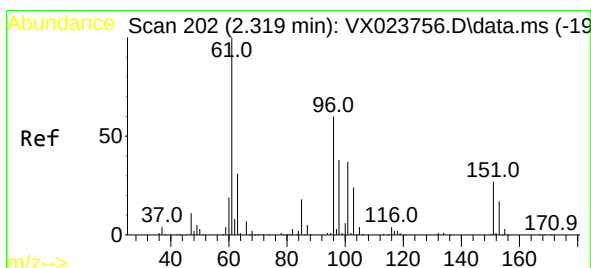
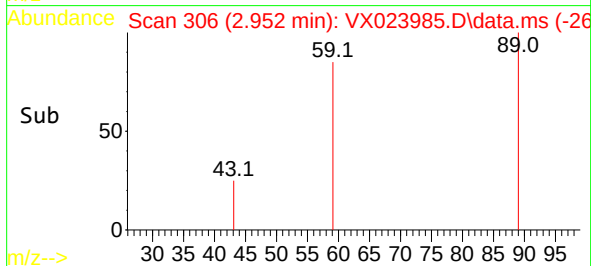
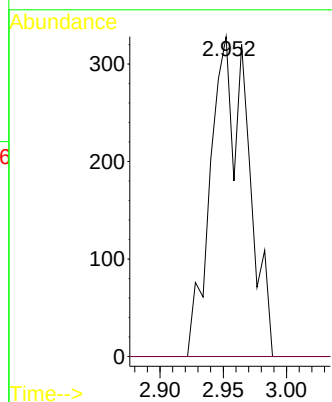
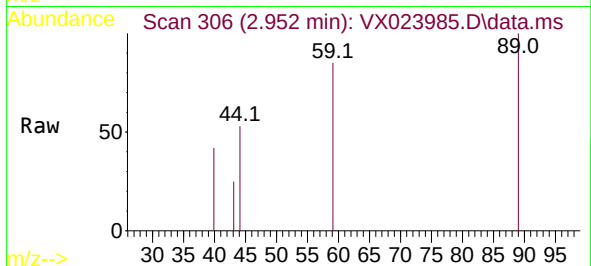


#11

Tert butyl alcohol
Concen: 1.648 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampled :

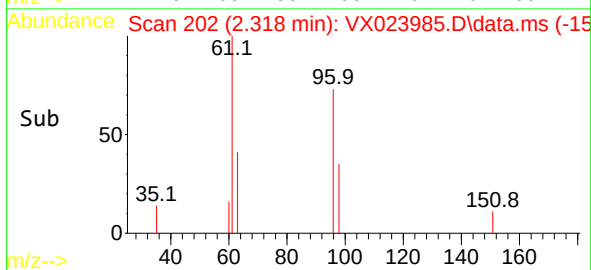
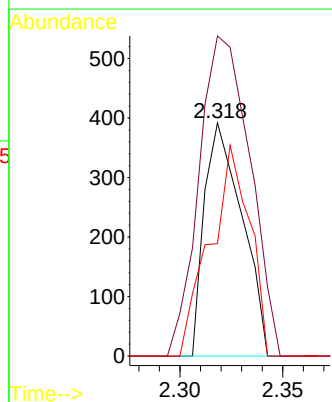
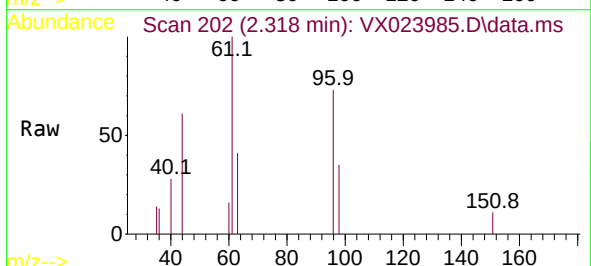
Tgt Ion: 59 Resp: 671
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

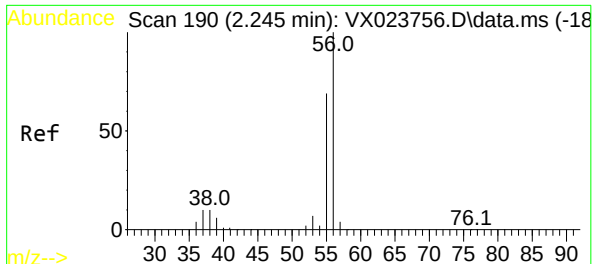


#12

1,1-Dichloroethene
Concen: 0.361 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 96 Resp: 500
Ion Ratio Lower Upper
96 100
61 137.2 124.6 187.0
98 48.2 50.6 76.0#

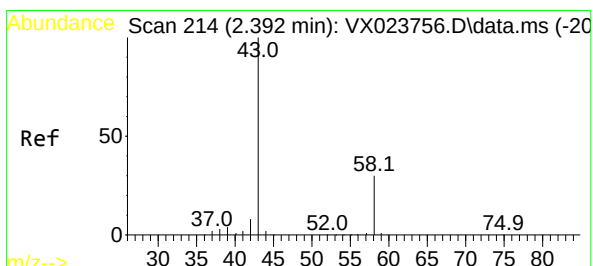
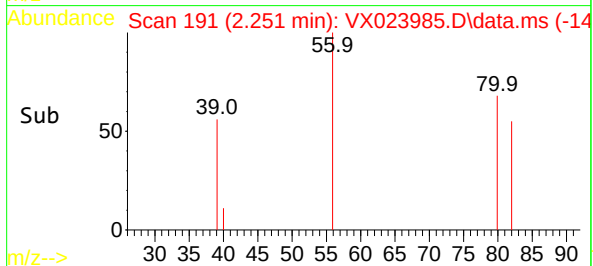
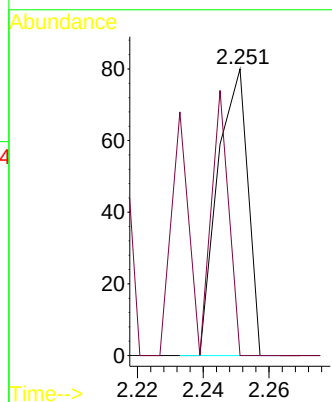
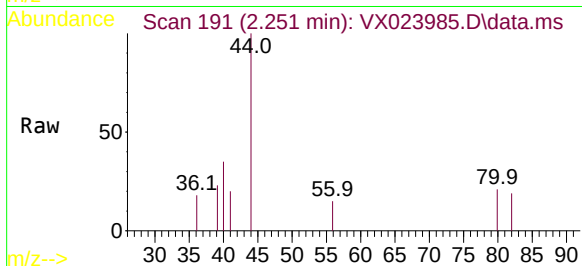




#13
Acrolein
Concen: 0.211 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

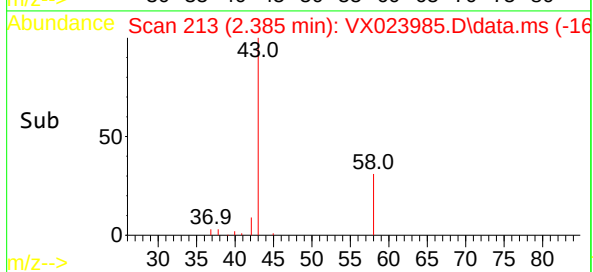
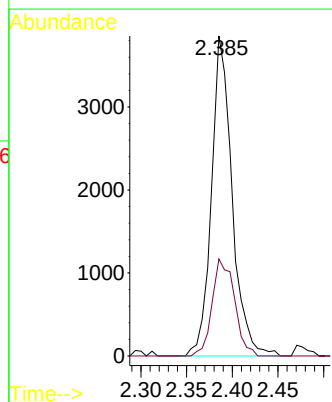
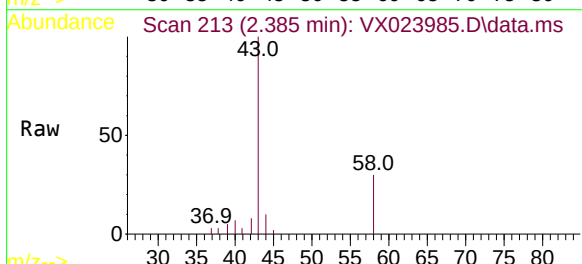
Instrument :
MSVOA_X
ClientSampled :

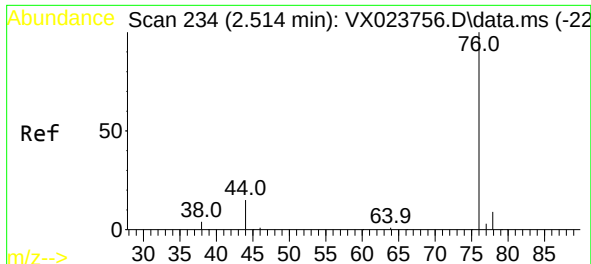
Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 102.0 56.4 84.6#



#16
Acetone
Concen: 6.740 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

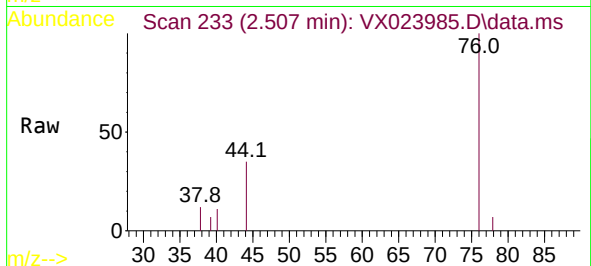
Tgt Ion: 43 Resp: 6067
Ion Ratio Lower Upper
43 100
58 30.3 27.8 41.8



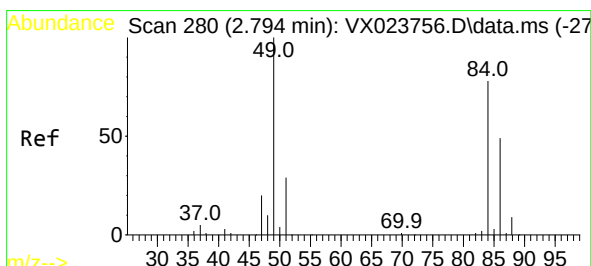
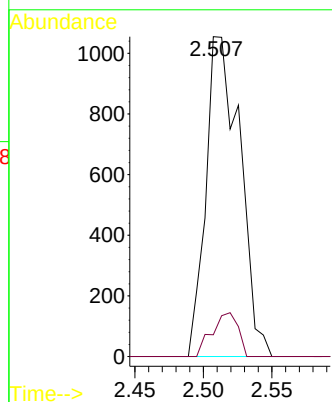
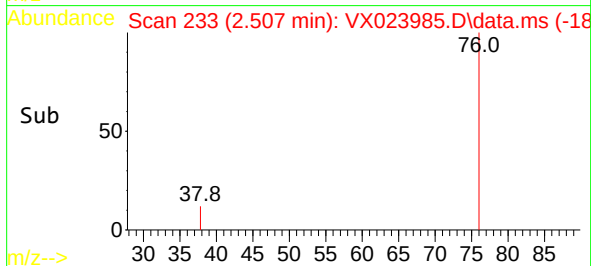


#17
Carbon Disulfide
Concen: 0.552 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

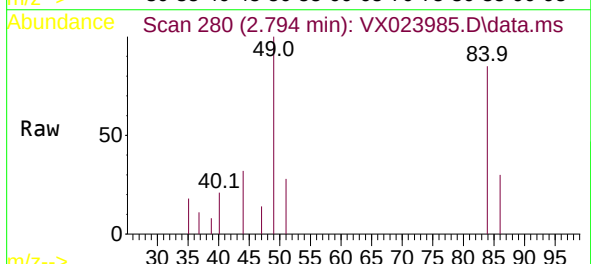
Instrument :
MSVOA_X
ClientSampled :



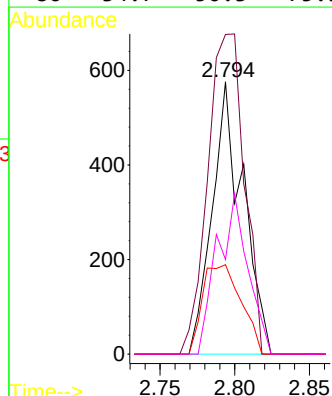
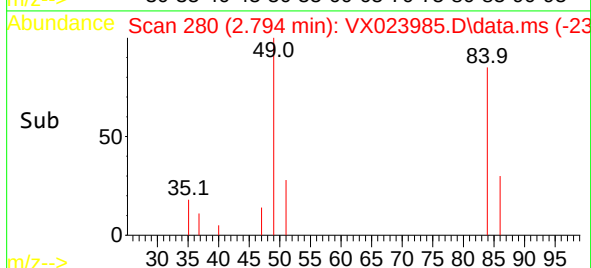
Tgt Ion: 76 Resp: 1823
Ion Ratio Lower Upper
76 100
78 6.8 7.2 10.8#

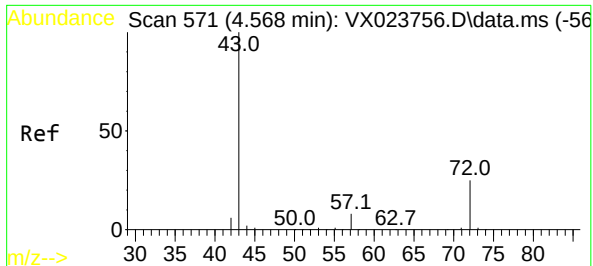


#20
Methylene Chloride
Concen: 0.482 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24



Tgt Ion: 84 Resp: 829
Ion Ratio Lower Upper
84 100
49 117.4 88.6 132.8
51 32.8 27.0 40.6
86 34.7 50.3 75.5#

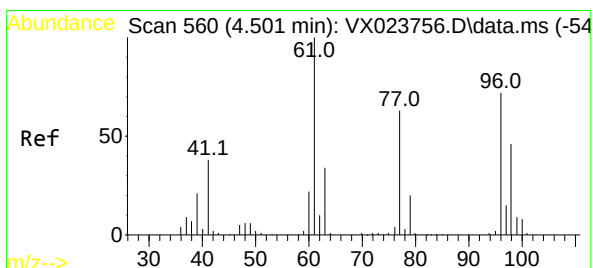
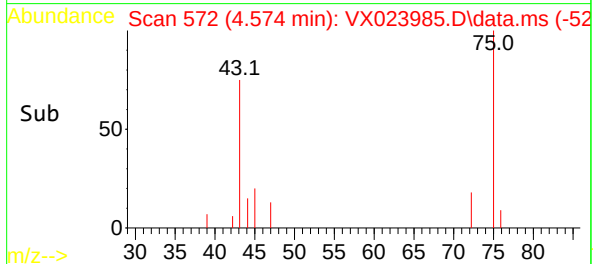
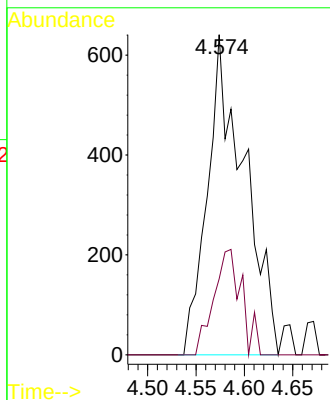
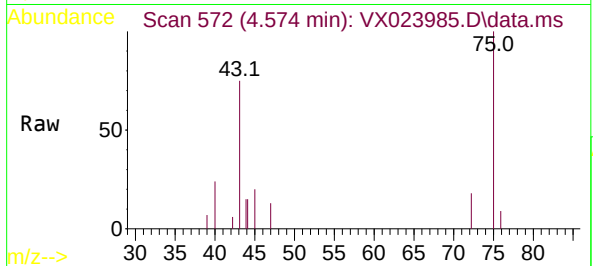




#25
2-Butanone
Concen: 1.240 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

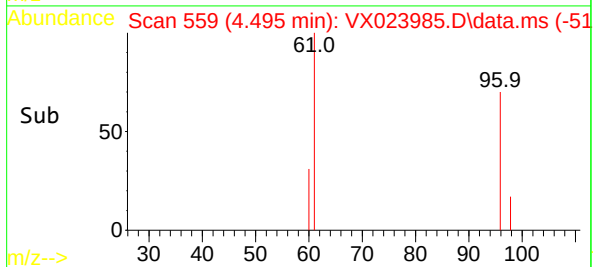
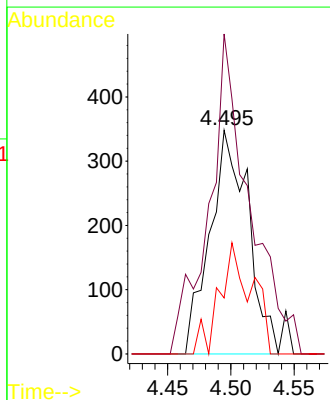
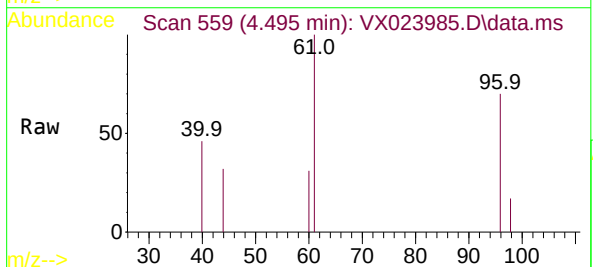
Instrument :
MSVOA_X
ClientSampled :

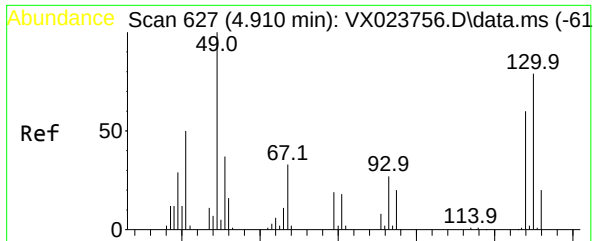
Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
72 23.7 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 0.417 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.006 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 96 Resp: 733
Ion Ratio Lower Upper
96 100
61 150.9 0.0 285.6
98 41.7 0.0 129.6

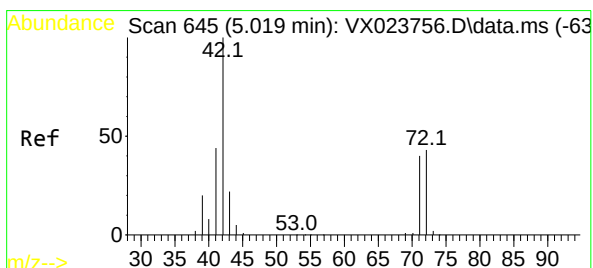
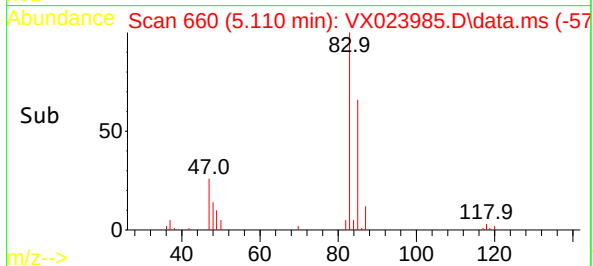
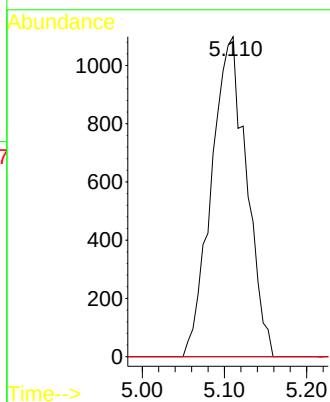
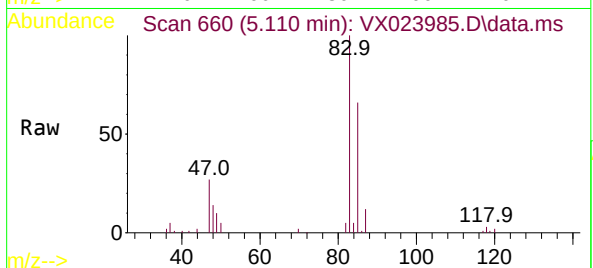




#28
Bromochloromethane
Concen: 2.536 ug/l
RT: 5.110 min Scan# 660
Delta R.T. 0.200 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

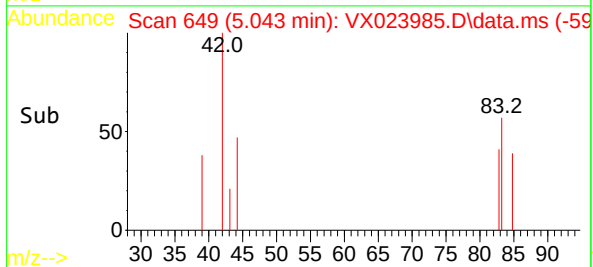
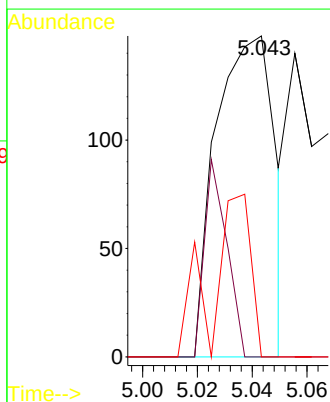
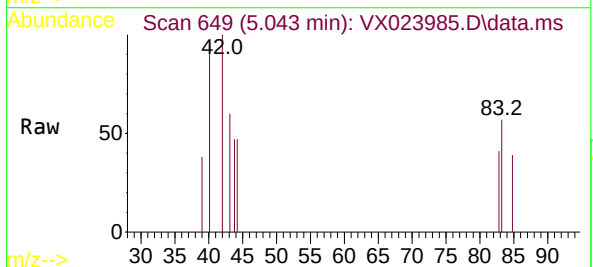
Instrument :
MSVOA_X
ClientSampled :

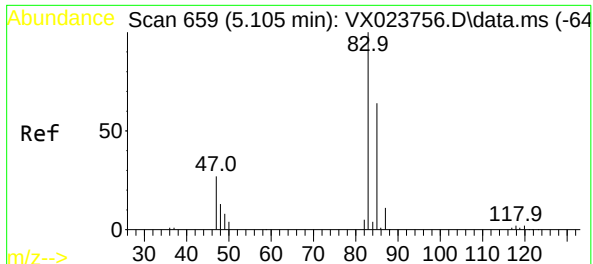
Tgt Ion: 49 Resp: 3260
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#29
Tetrahydrofuran
Concen: 0.251 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.024 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 42 Resp: 222
Ion Ratio Lower Upper
42 100
72 23.4 41.7 62.5#
71 32.9 38.4 57.6#





#30

Chloroform

Concen: 12.058 ug/l

RT: 5.104 min Scan# 659

Delta R.T. -0.001 min

Lab File: VX023985.D

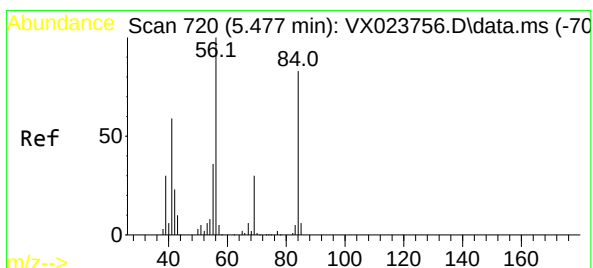
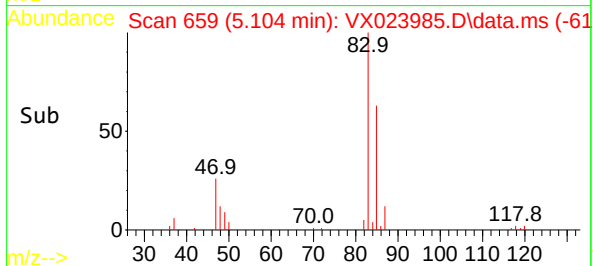
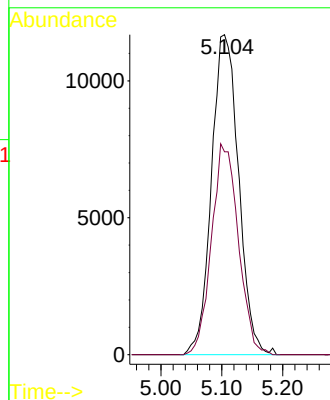
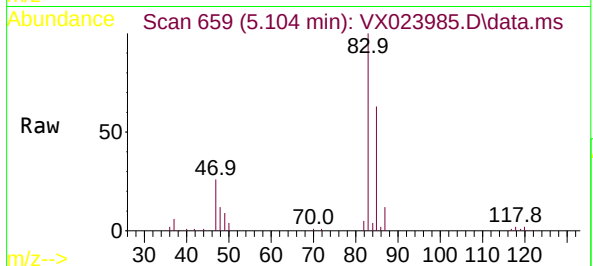
Acq: 27 Aug 2021 12:24

Tgt Ion: 83 Resp: 36103

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0



#31

Cyclohexane

Concen: 1.293 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023985.D

Acq: 27 Aug 2021 12:24

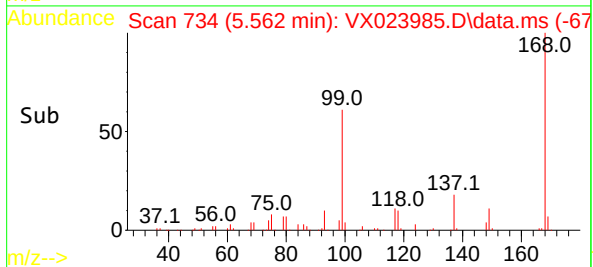
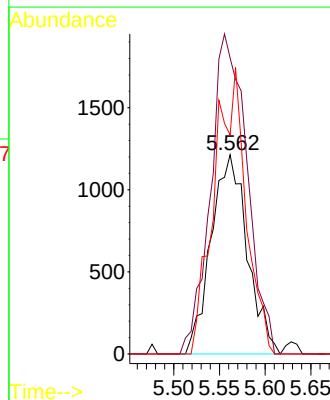
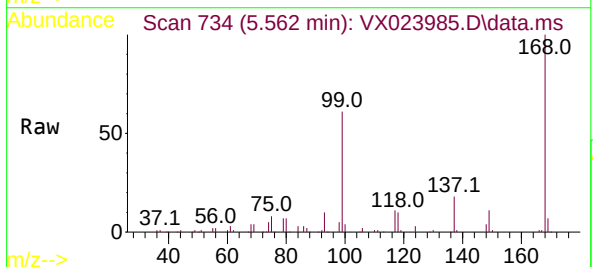
Tgt Ion: 56 Resp: 3343

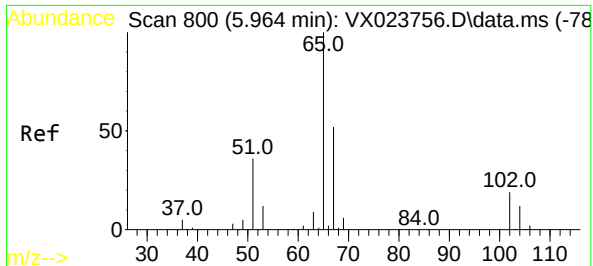
Ion Ratio Lower Upper

56 100

69 148.6 25.3 37.9#

84 110.0 71.4 107.0#



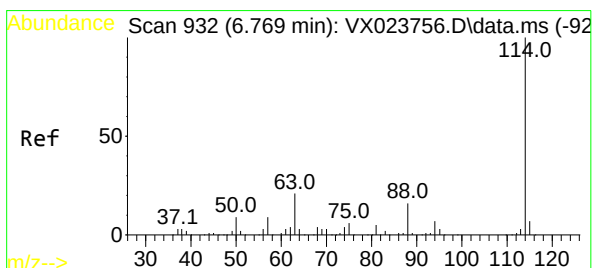
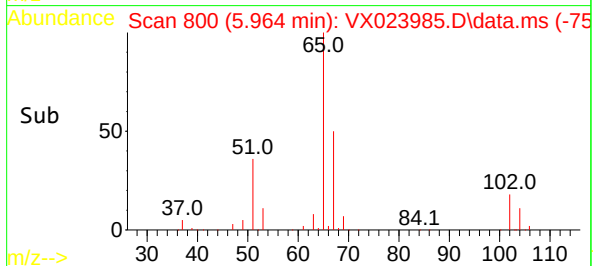
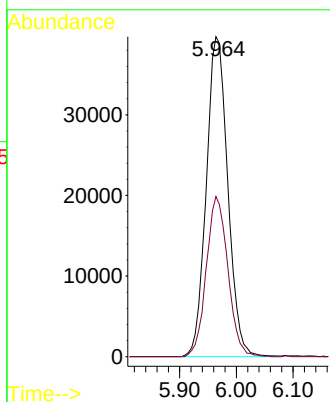
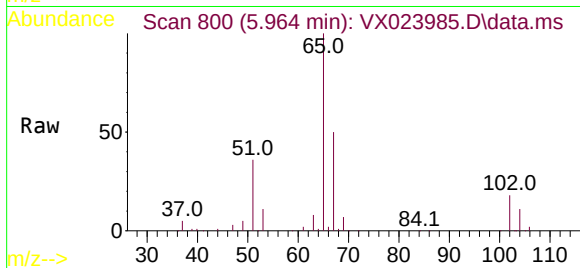


#33

1,2-Dichloroethane-d4
Concen: 51.929 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampled :

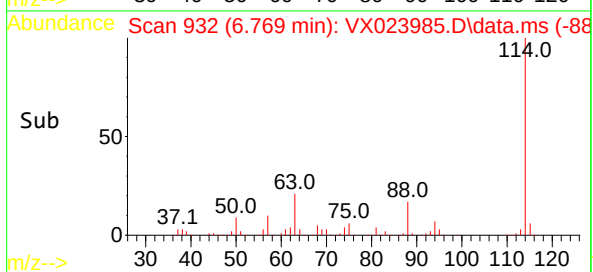
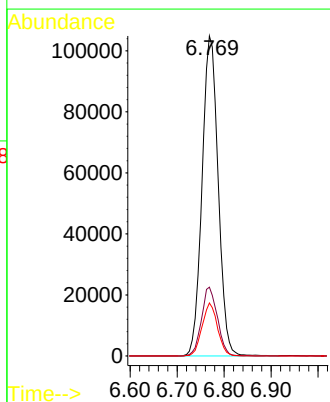
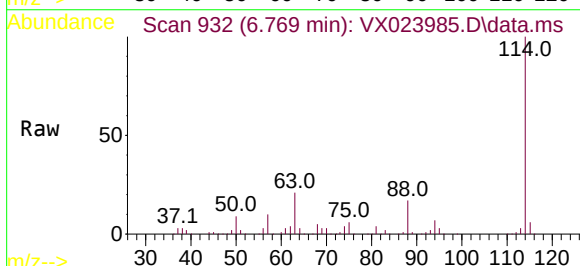
Tgt Ion: 65 Resp: 104538
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

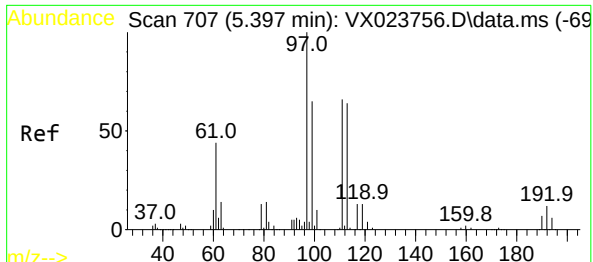


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 114 Resp: 249276
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.5 0.0 32.8

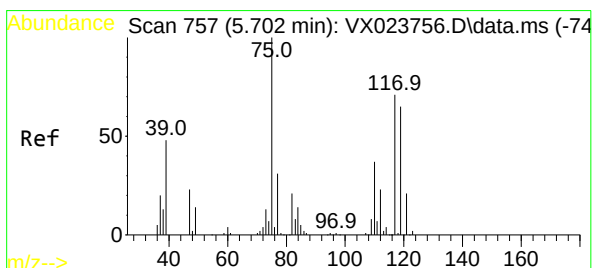
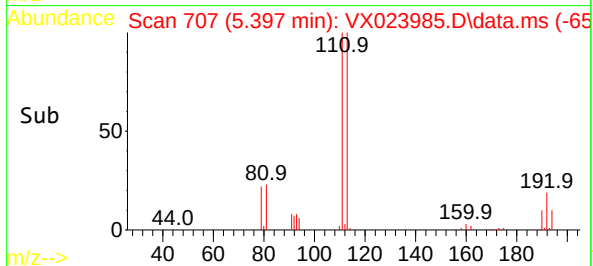
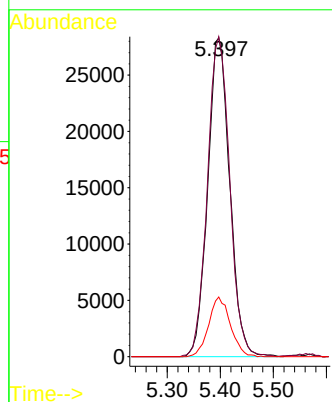
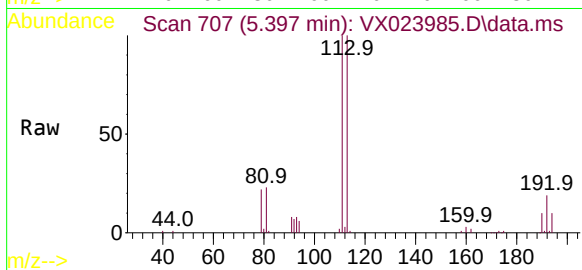




#35
Dibromofluoromethane
Concen: 49.452 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

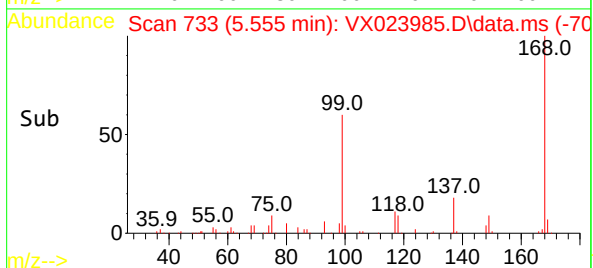
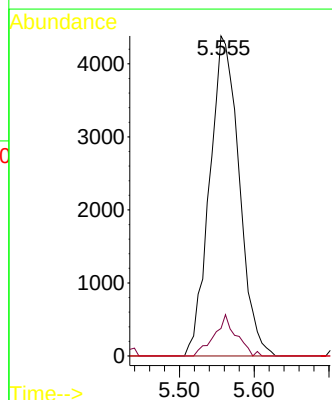
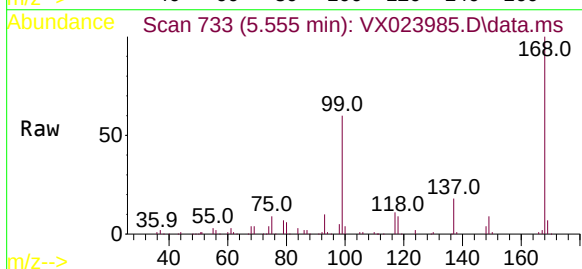
Instrument :
MSVOA_X
ClientSampleId :

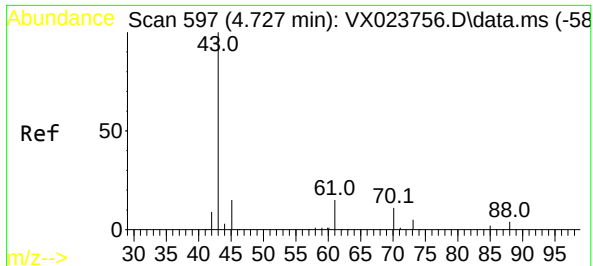
Tgt Ion:113 Resp: 81590
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 18.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.147 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 75 Resp: 11998
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.596 ug/l

RT: 4.574 min Scan# 572

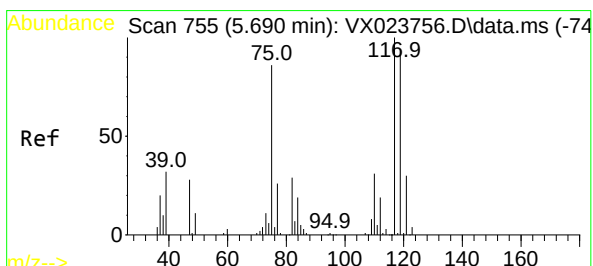
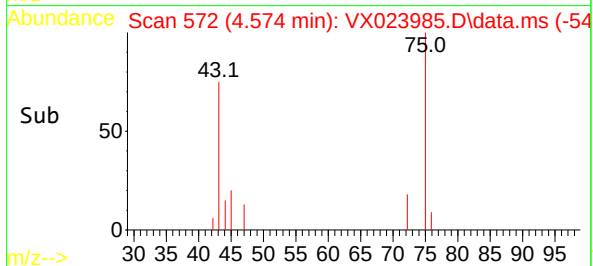
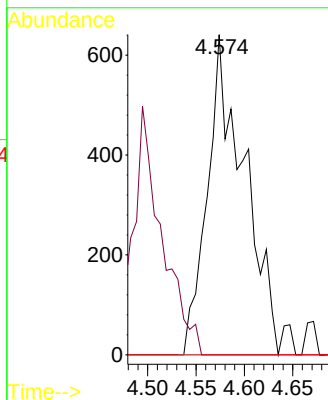
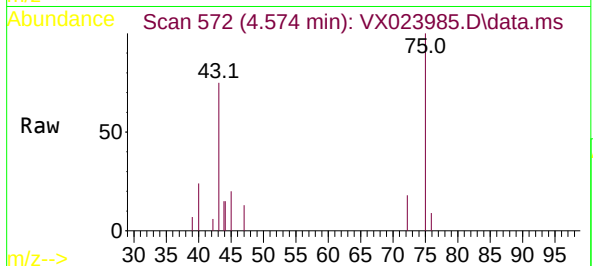
Delta R.T. -0.153 min

Lab File: VX023985.D

Acq: 27 Aug 2021 12:24

Tgt Ion:	43	Resp:	1690
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.419 ug/l

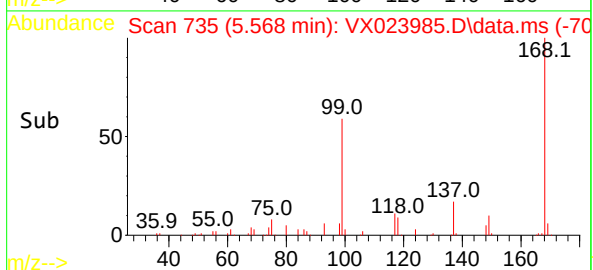
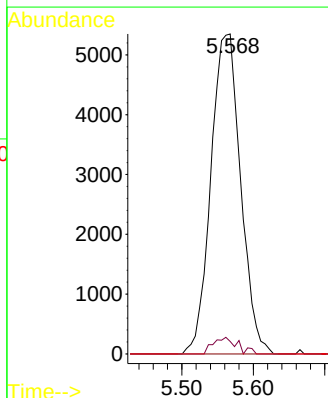
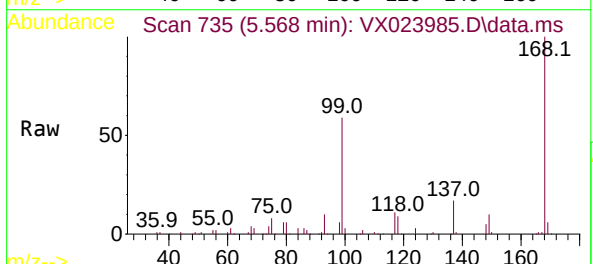
RT: 5.568 min Scan# 735

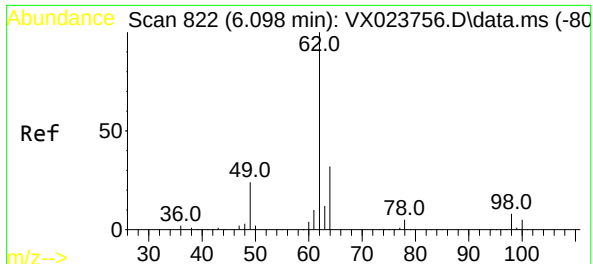
Delta R.T. -0.122 min

Lab File: VX023985.D

Acq: 27 Aug 2021 12:24

Tgt Ion:	117	Resp:	15453
Ion Ratio	Lower	Upper	
117	100		
119	3.9	76.2	114.2#
121	0.0	24.8	37.2#





#42

1,2-Dichloroethane

Concen: 0.205 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.012 min

Lab File: VX023985.D

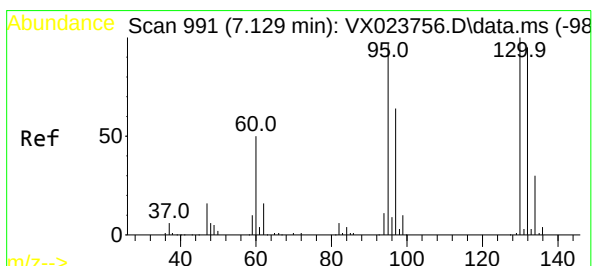
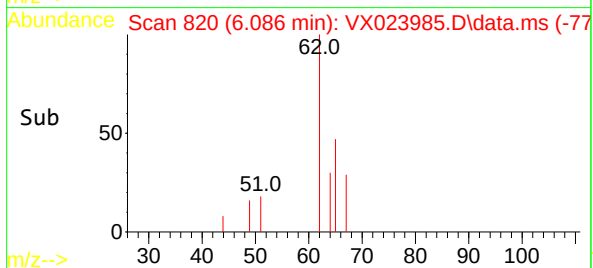
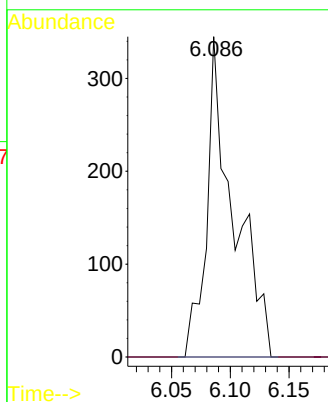
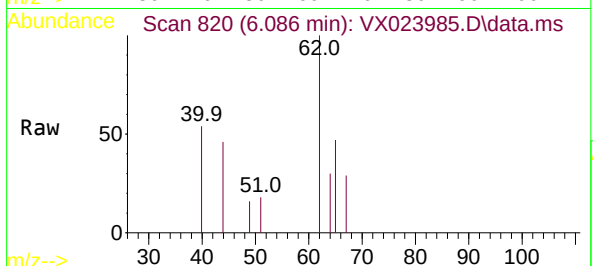
Acq: 27 Aug 2021 12:24

Tgt Ion: 62 Resp: 551

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 4.592 ug/l

RT: 7.134 min Scan# 992

Delta R.T. 0.005 min

Lab File: VX023985.D

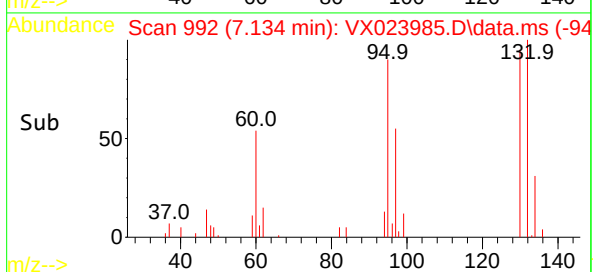
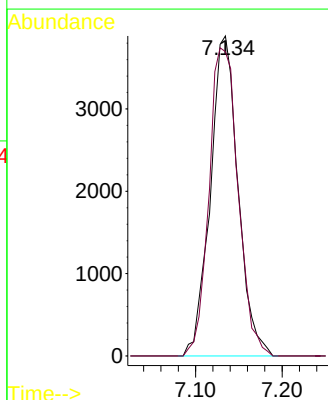
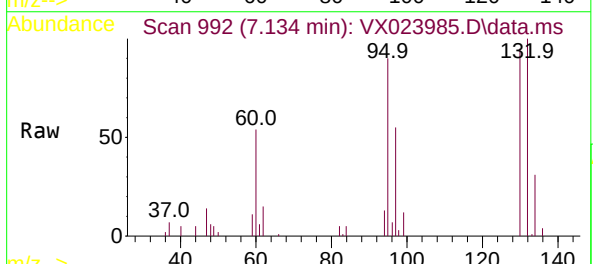
Acq: 27 Aug 2021 12:24

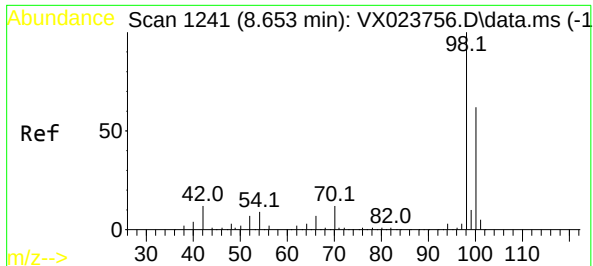
Tgt Ion: 130 Resp: 8659

Ion Ratio Lower Upper

130 100

95 95.1 0.0 198.0

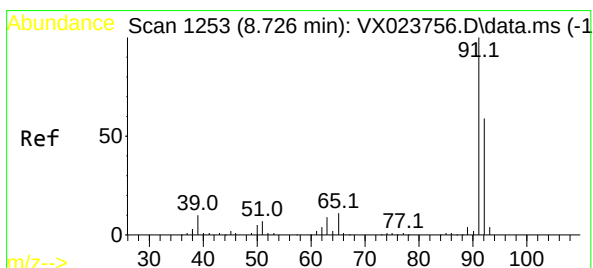
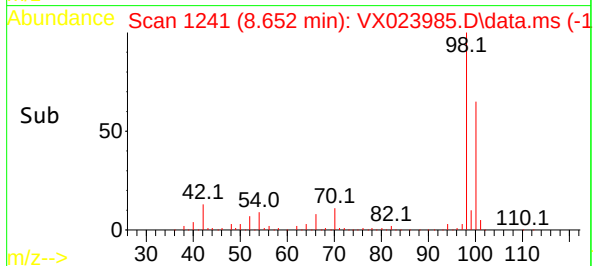
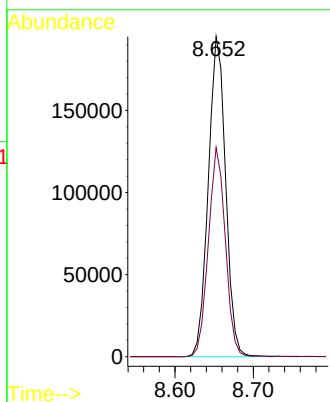
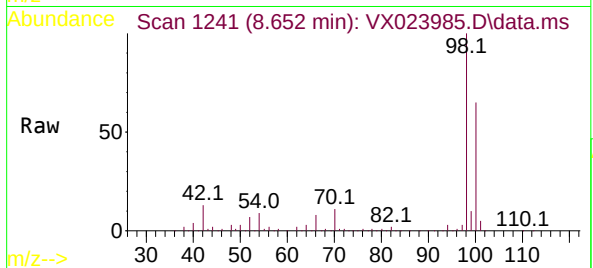




#50
Toluene-d8
Concen: 47.701 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

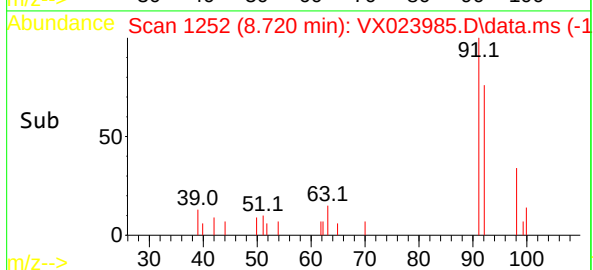
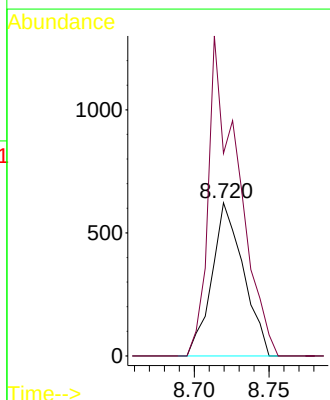
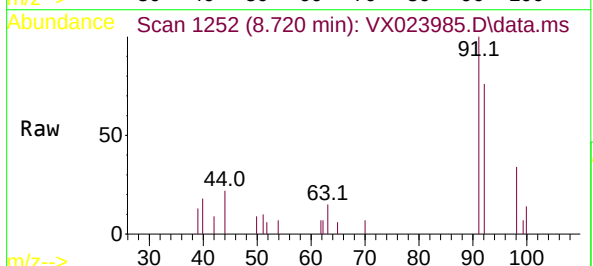
Instrument :
MSVOA_X
ClientSampled :

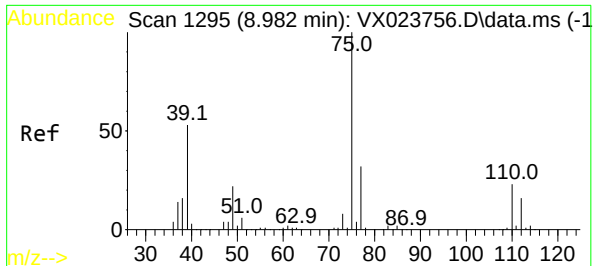
Tgt Ion: 98 Resp: 299544
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#52
Toluene
Concen: 0.206 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 92 Resp: 913
Ion Ratio Lower Upper
92 100
91 195.4 137.1 205.7

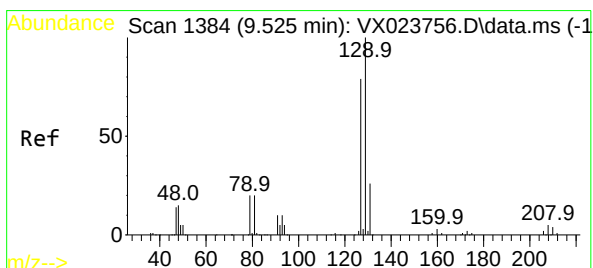
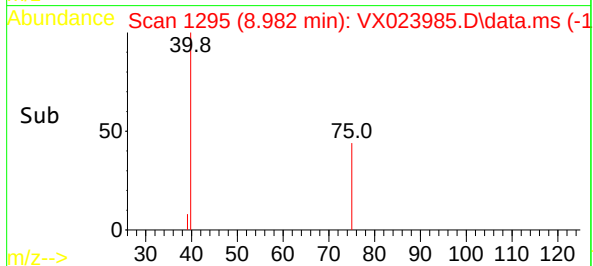
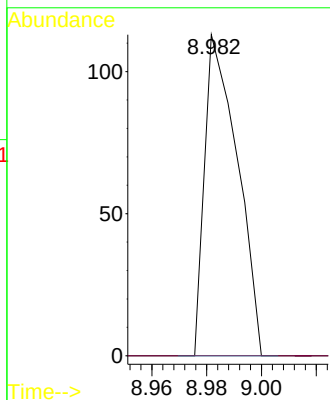
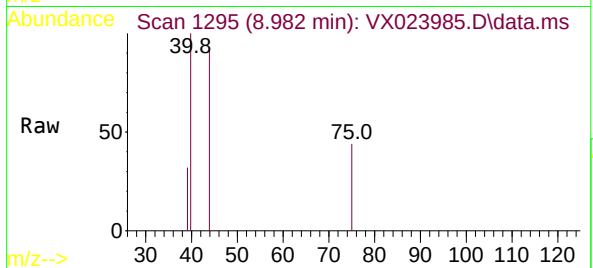




#53
t-1,3-Dichloropropene
Concen: 2.168 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

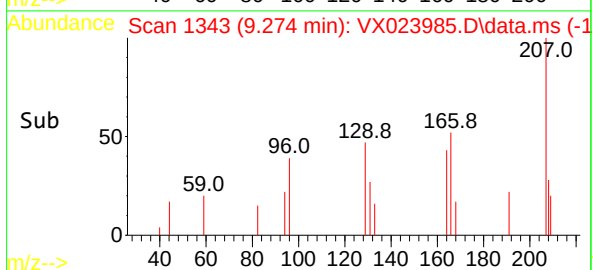
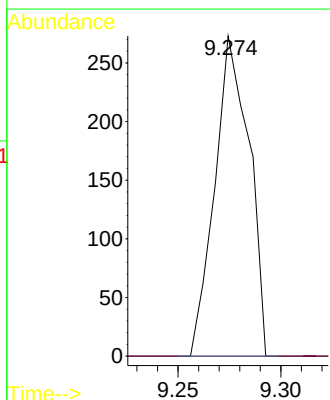
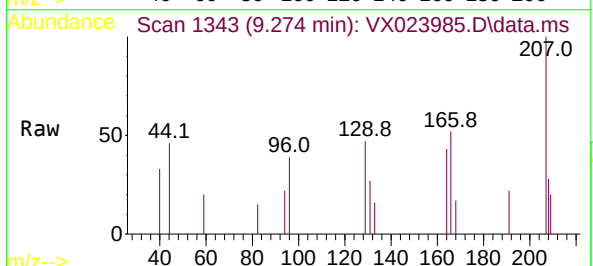
Instrument :
MSVOA_X
ClientSampled :

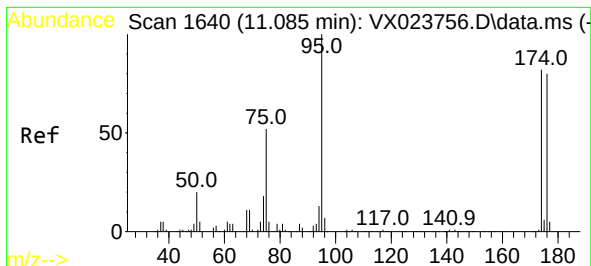
Tgt Ion: 75 Resp: 94
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.840 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 129 Resp: 317
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

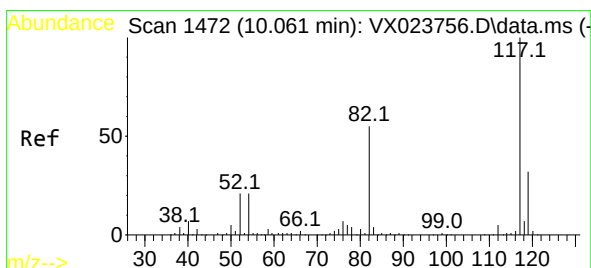
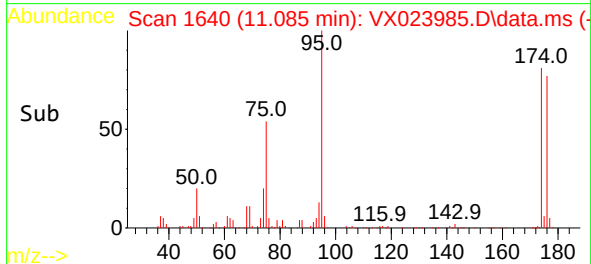
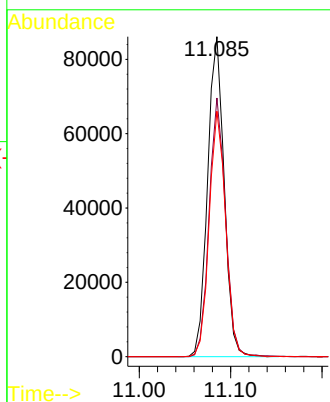
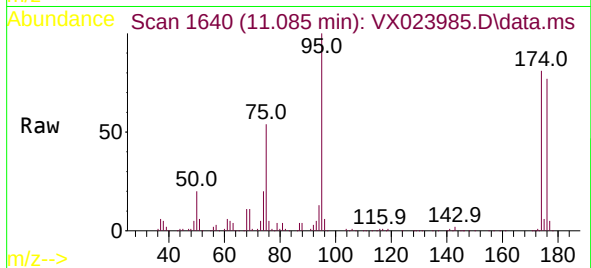




#62
4-Bromofluorobenzene
Concen: 46.741 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

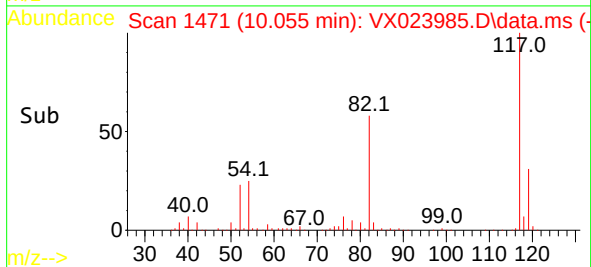
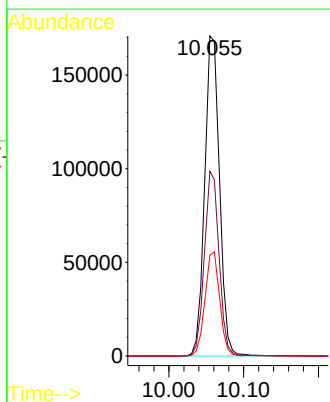
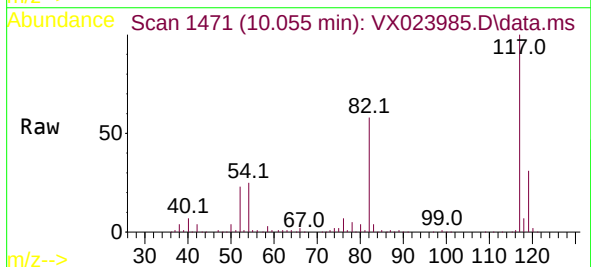
Instrument :
MSVOA_X
ClientSampled :

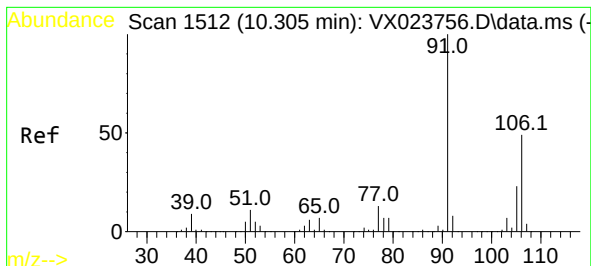
Tgt Ion: 95 Resp: 108051
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion: 117 Resp: 236161
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.5 26.6 39.8

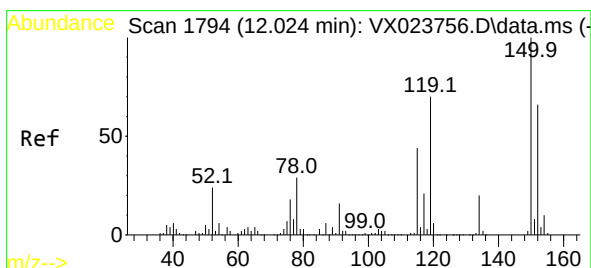
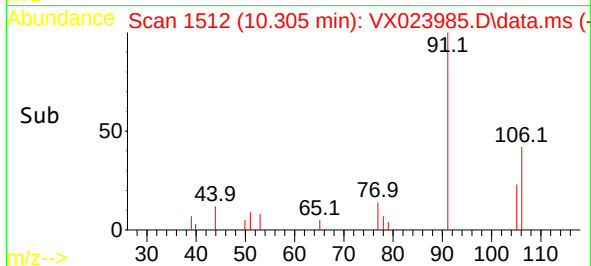
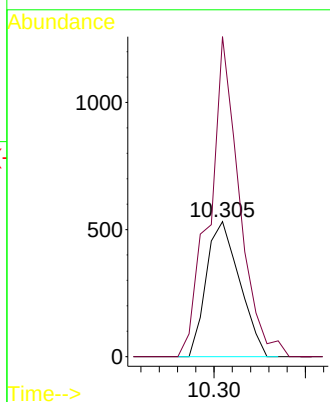
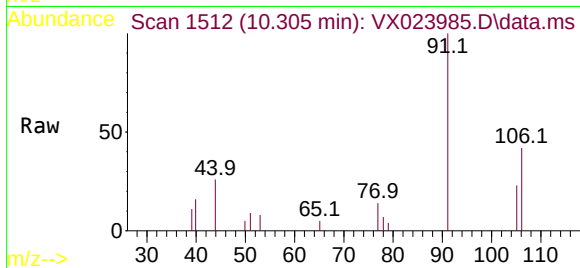




#68
m/p-Xylenes
Concen: 0.206 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

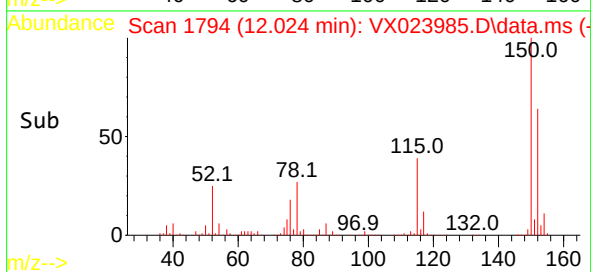
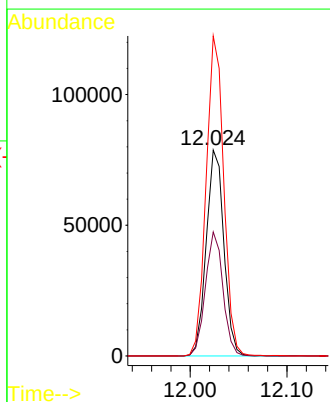
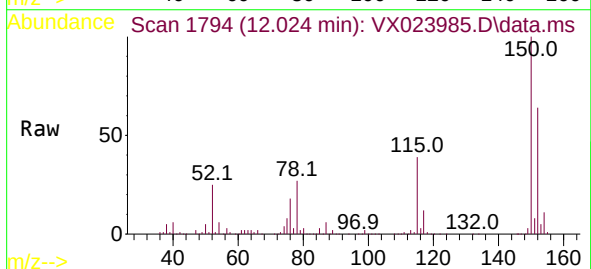
Instrument :
MSVOA_X
ClientSampled :

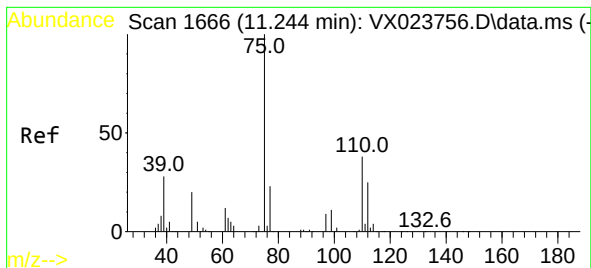
Tgt Ion:106 Resp: 674
Ion Ratio Lower Upper
106 100
91 212.5 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Tgt Ion:152 Resp: 100008
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 154.8 0.0 349.0

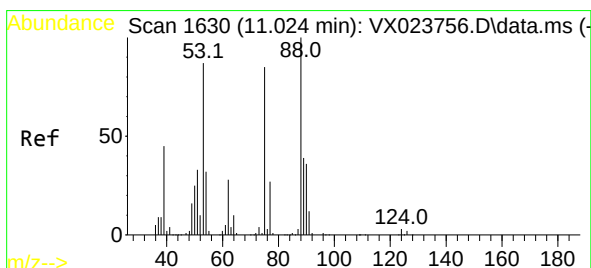
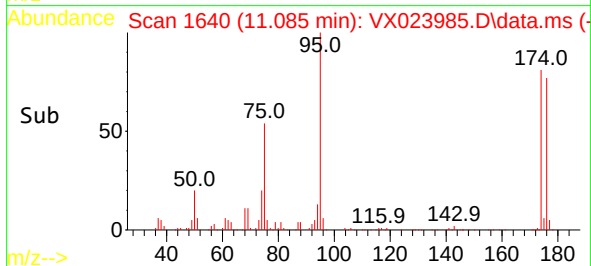
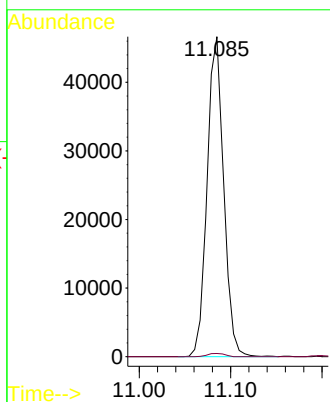
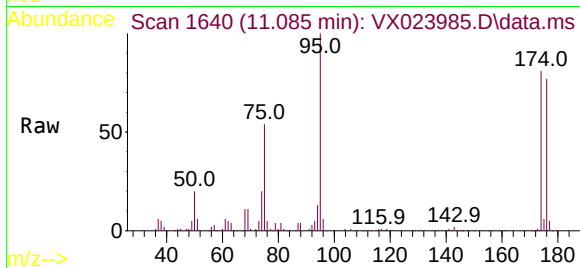




#76
1,2,3-Trichloropropane
Concen: 25.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

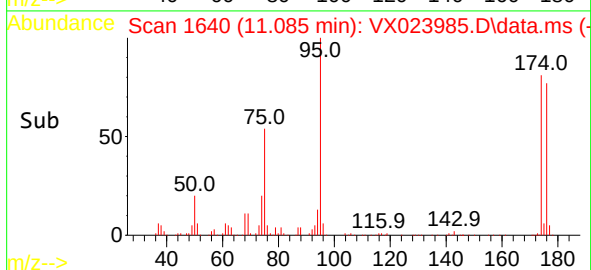
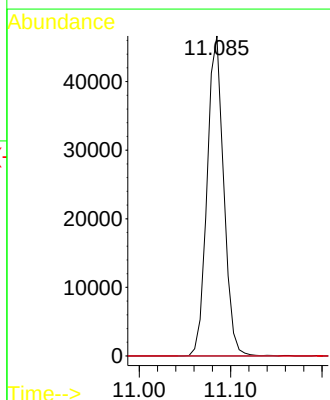
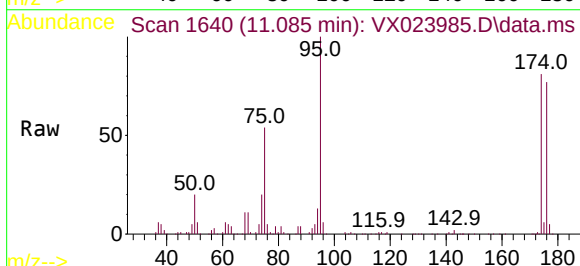
Instrument :
MSVOA_X
ClientSampled :

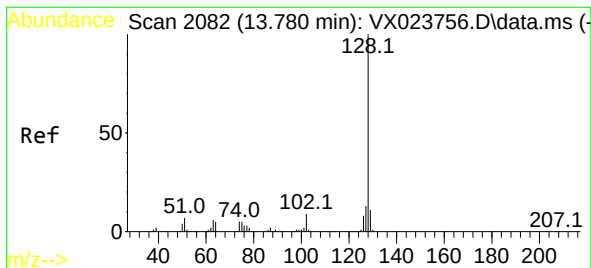
Tgt Ion: 75 Resp: 58621
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.914 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

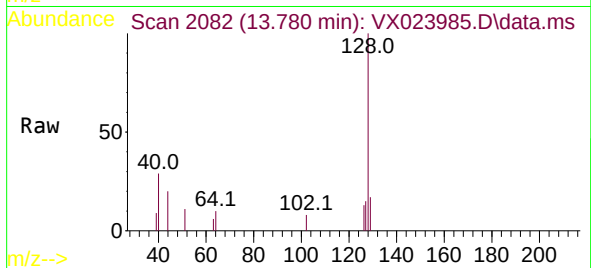
Tgt Ion: 75 Resp: 58621
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.460 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023985.D
Acq: 27 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1334
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 13.8 8.8 13.2#

