

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031059.D
 Acq On : 02 Sep 2022 12:08
 Operator : JC/MD
 Sample : N4298-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 00:48:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

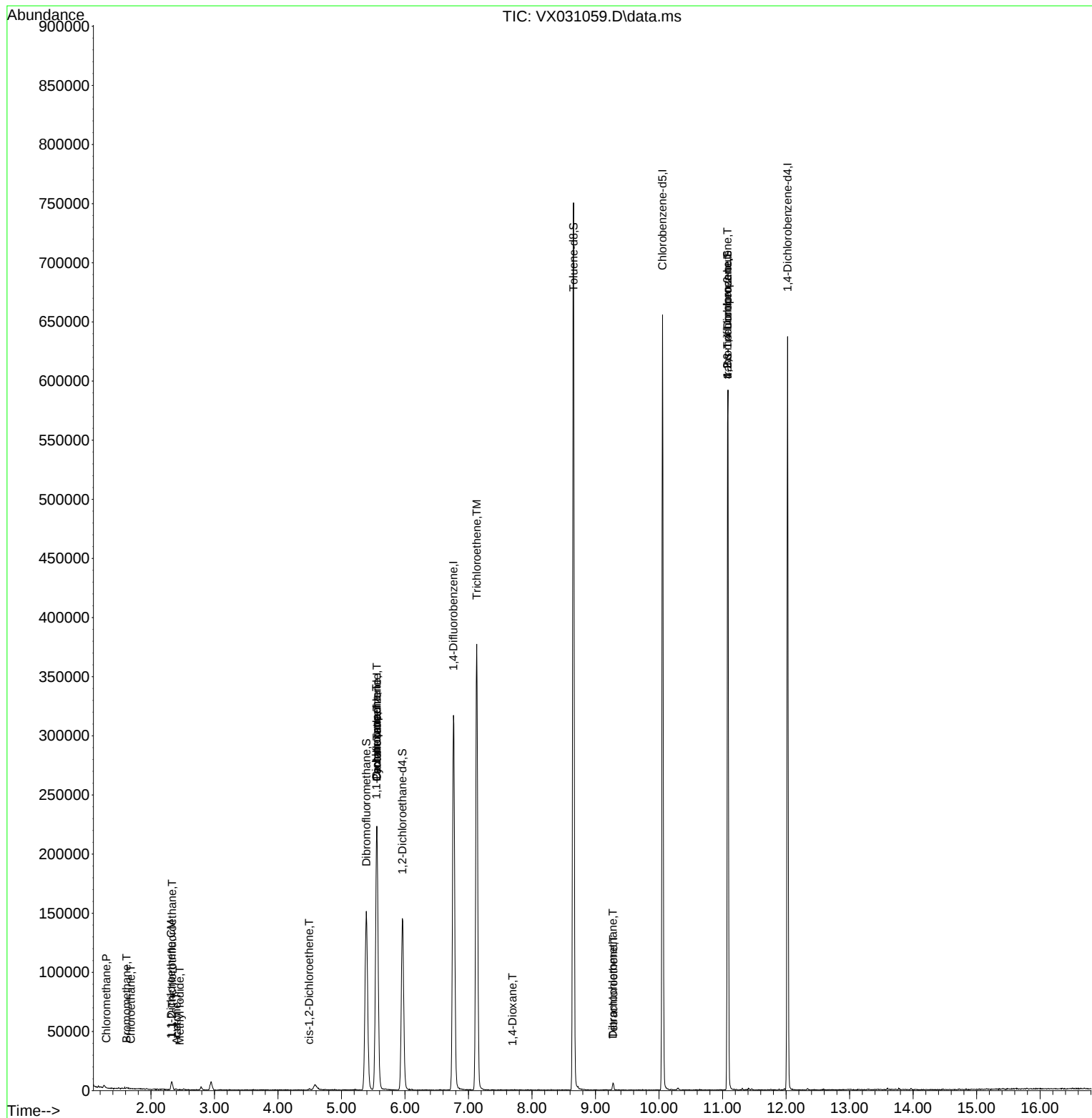
Internal Standards						
1) Pentafluorobenzene	5.556	168	229015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	361965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141594	48.051	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	5.391	113	135965	51.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.940%
50) Toluene-d8	8.653	98	491074	50.513	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.020%
62) 4-Bromofluorobenzene	11.079	95	166331	48.441	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	214	0.794	ug/l #	42
5) Bromomethane	1.617	94	303	0.275	ug/l	96
6) Chloroethane	1.685	64	185	1.839	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	2151	0.781	ug/l	92
10) Methyl Iodide	2.453	142	352	3.033	ug/l #	67
11) Tert butyl alcohol	2.953	59	3717	Below Cal	#	74
12) 1,1-Dichloroethene	2.319	96	932	0.350	ug/l #	65
16) Acetone	2.404	43	802	0.705	ug/l #	40
20) Methylene Chloride	2.794	84	1285	Below Cal	#	66
27) cis-1,2-Dichloroethene	4.489	96	821	0.247	ug/l	47
31) Cyclohexane	5.556	56	3435	0.853	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14866	4.018	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21320	5.551	ug/l #	18
44) Trichloroethene	7.129	130	158808	47.232	ug/l	98
49) 1,4-Dioxane	7.690	88	50	0.648	ug/l #	25
60) Dibromochloromethane	9.275	129	1246	0.410	ug/l #	11
64) Tetrachloroethene	9.281	164	1338	0.421	ug/l #	72
76) 1,2,3-Trichloropropane	11.079	75	74624	21.975	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	74624	69.063	ug/l #	12

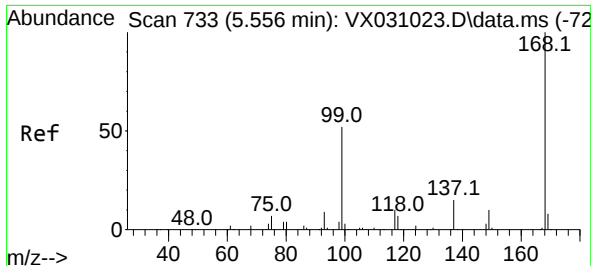
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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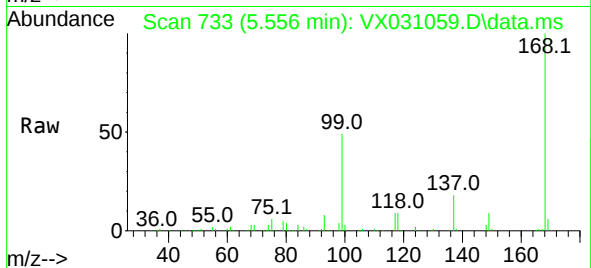
Quant Time: Sep 03 00:48:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration



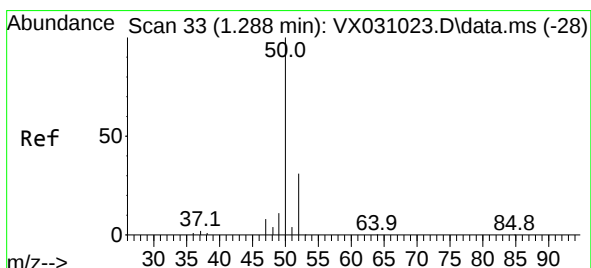
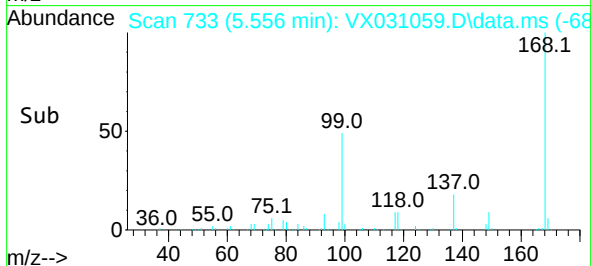
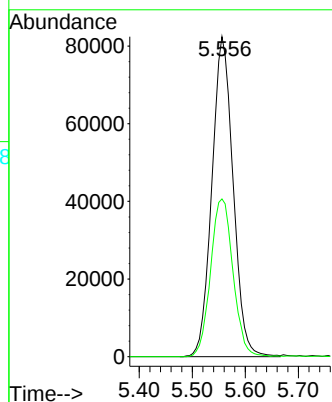


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Instrument :
MSVOA_X
ClientSampleId :

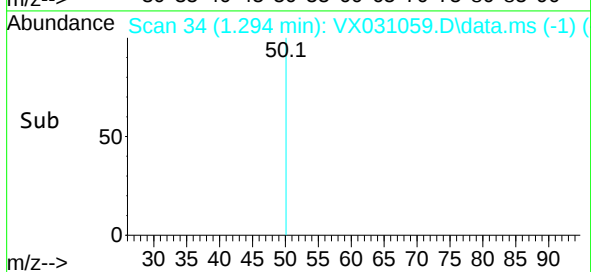
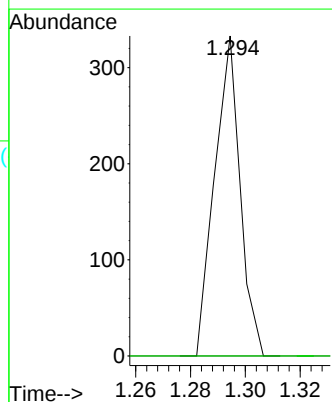
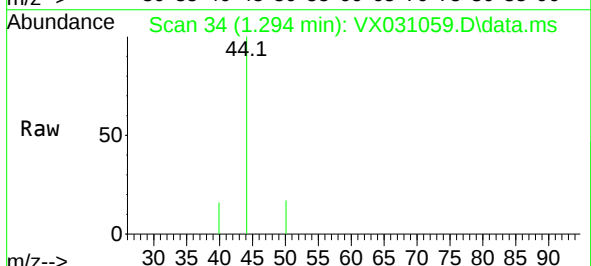


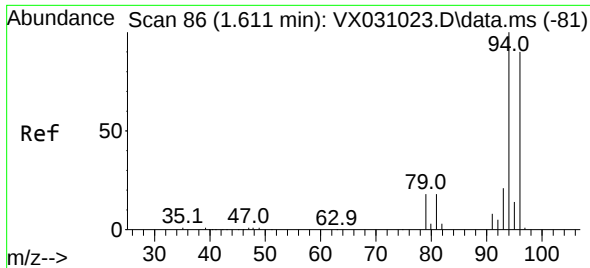
Tgt Ion:168 Resp: 229015
Ion Ratio Lower Upper
168 100
99 49.3 44.0 66.0



#3
Chloromethane
Concen: 0.794 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion: 50 Resp: 214
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

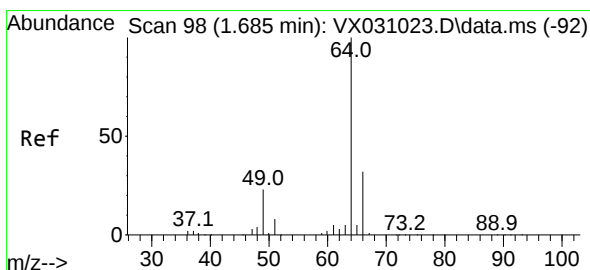
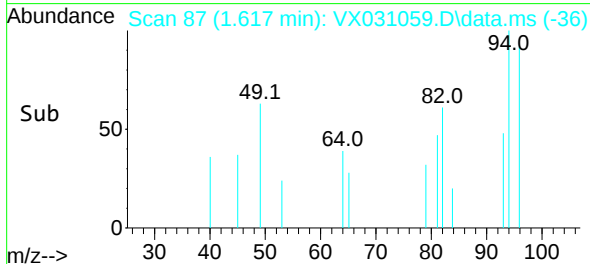
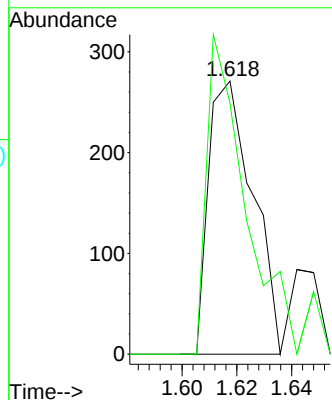
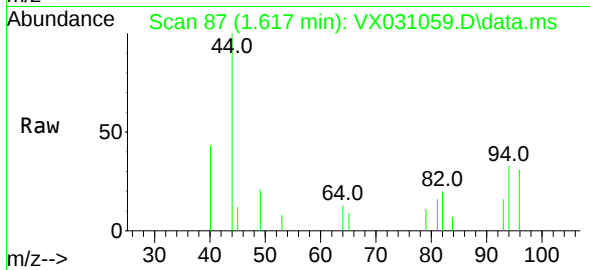




#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

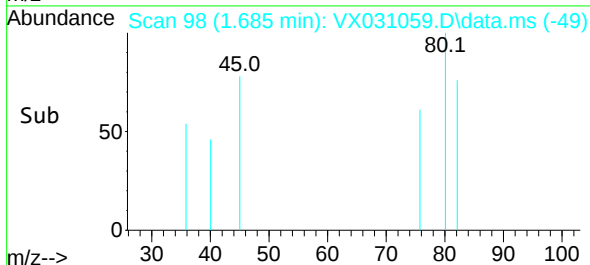
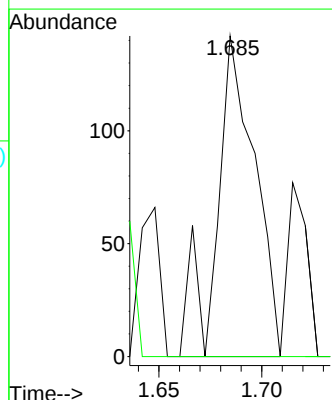
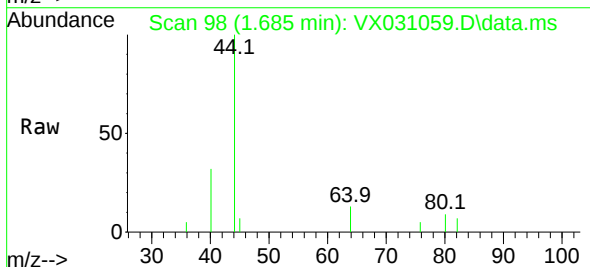
Instrument :
MSVOA_X
ClientSampleId :

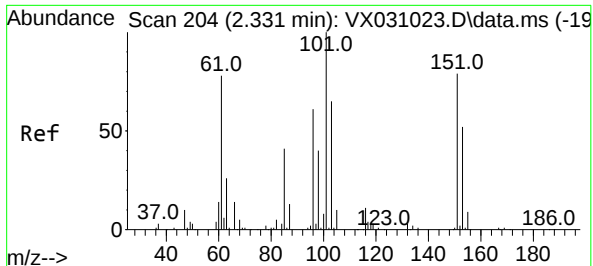
Tgt Ion: 94 Resp: 303
Ion Ratio Lower Upper
94 100
96 91.9 76.9 115.3



#6
Chloroethane
Concen: 1.839 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion: 64 Resp: 185
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

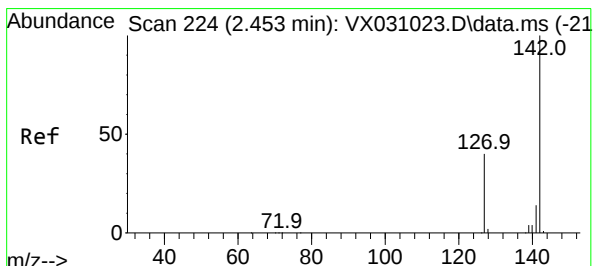
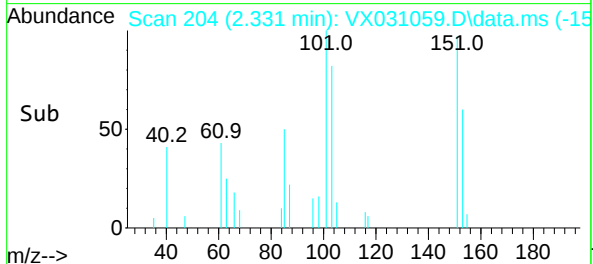
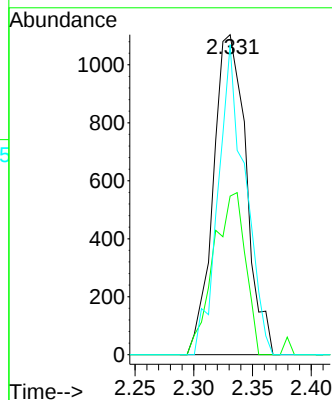
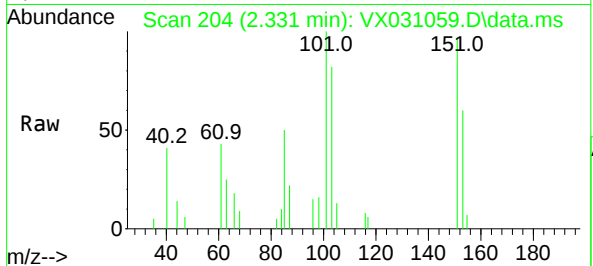




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.781 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

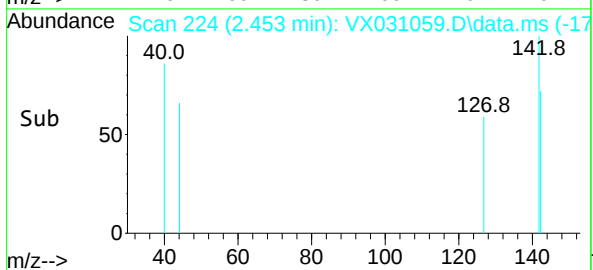
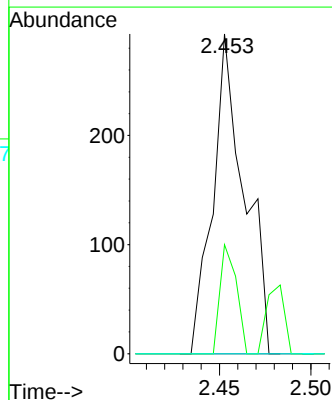
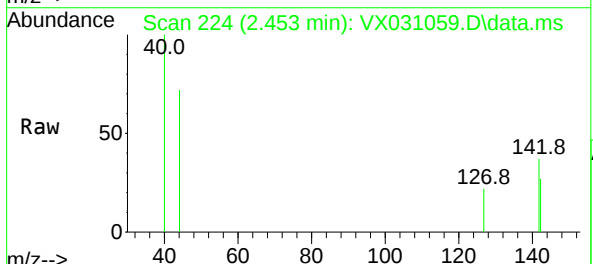
Instrument :
MSVOA_X
ClientSampleId :

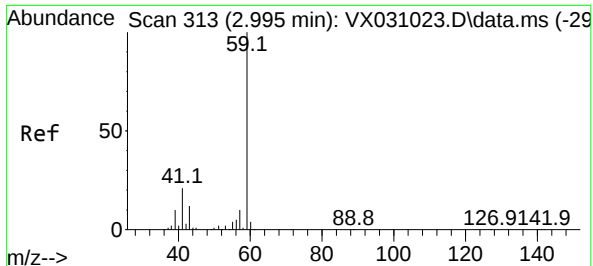
Tgt Ion:101 Resp: 2151
Ion Ratio Lower Upper
101 100
85 49.2 34.0 51.0
151 80.0 59.4 89.0



#10
Methyl Iodide
Concen: 3.033 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion:142 Resp: 352
Ion Ratio Lower Upper
142 100
127 17.9 30.2 45.2#
141 0.0 11.3 16.9#

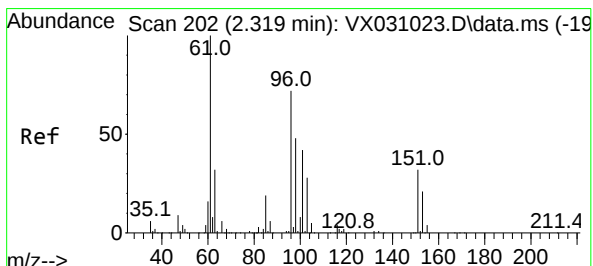
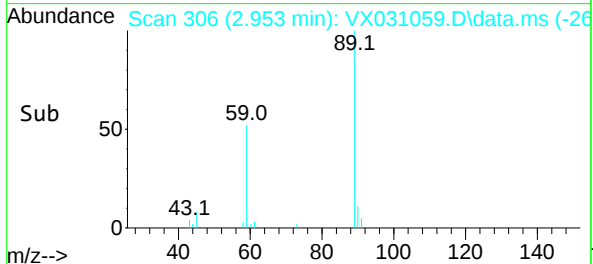
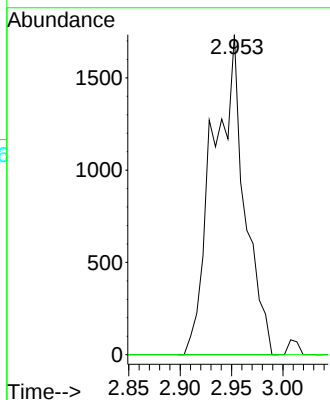
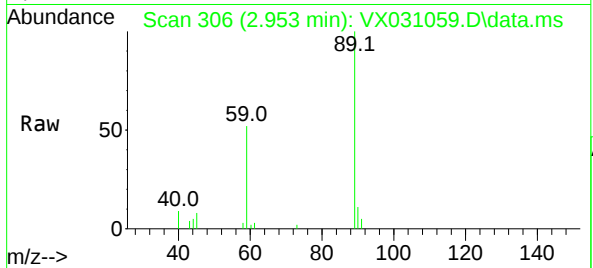




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

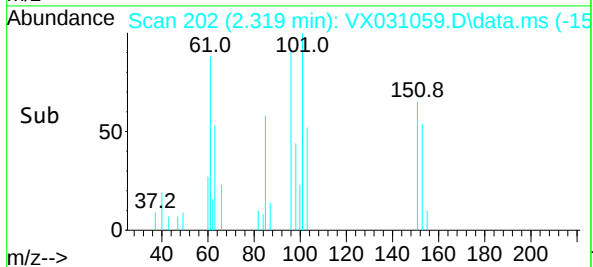
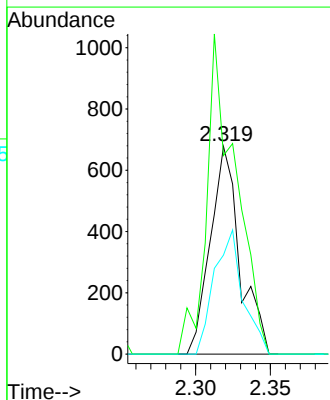
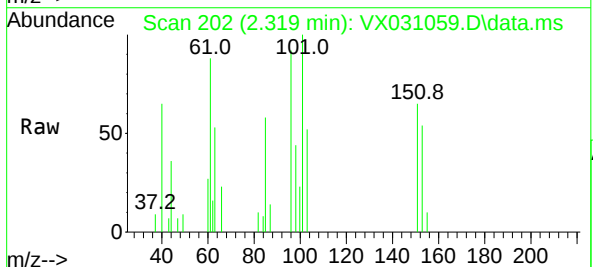
Instrument :
MSVOA_X
ClientSampleId :

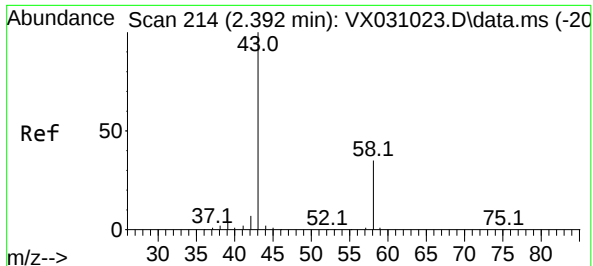
Tgt Ion: 59 Resp: 3717
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 0.350 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion: 96 Resp: 932
Ion Ratio Lower Upper
96 100
61 95.6 117.4 176.0#
98 47.6 52.2 78.4#

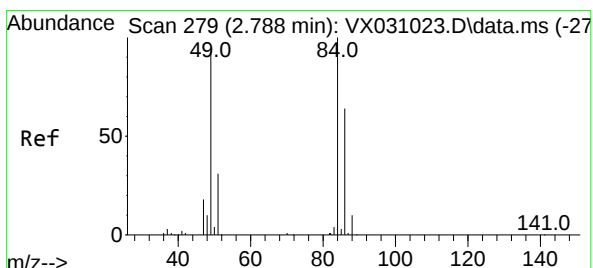
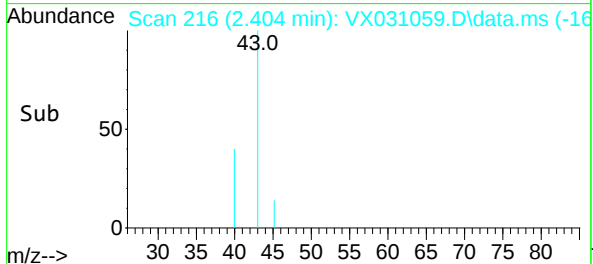
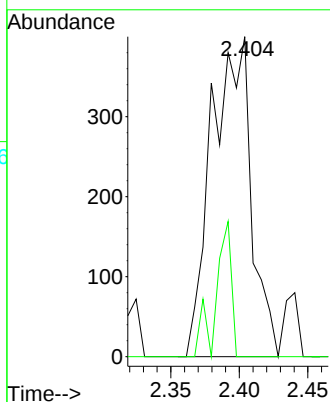
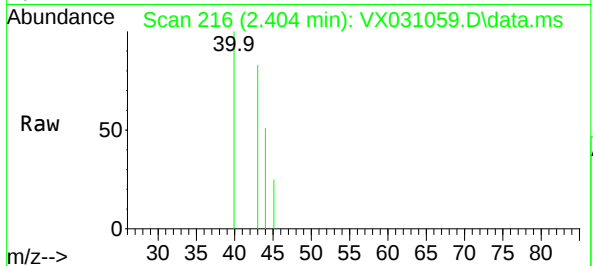




#16
Acetone
Concen: 0.705 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

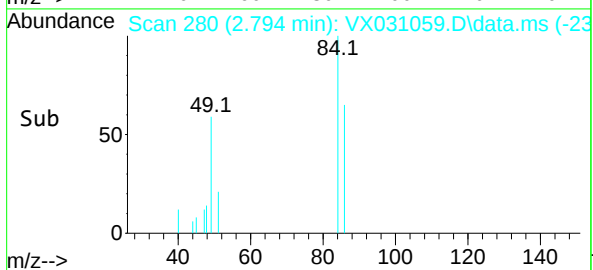
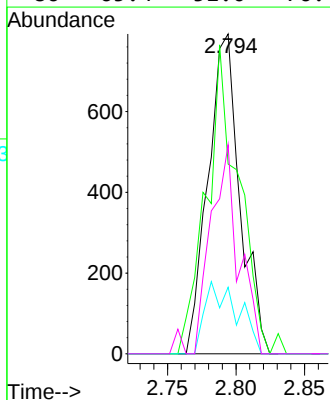
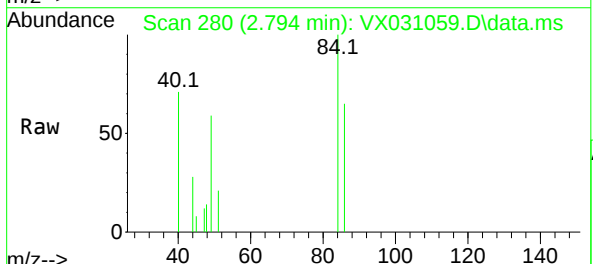
Instrument :
MSVOA_X
ClientSampleId :

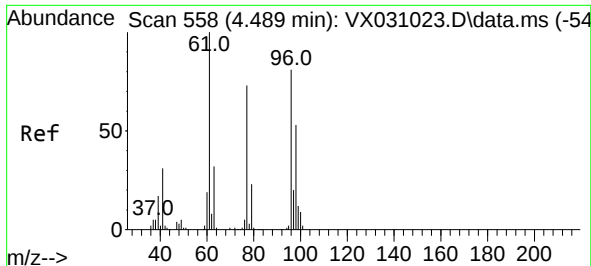
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

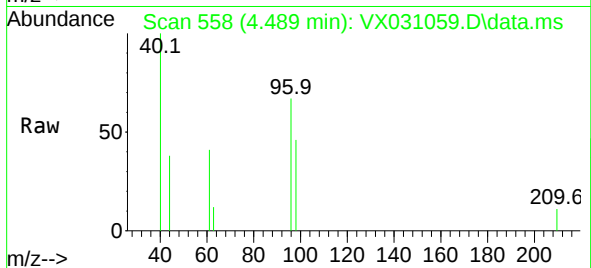
Tgt Ion: 84 Resp: 1285
Ion Ratio Lower Upper
84 100
49 59.3 93.8 140.6#
51 20.8 29.4 44.0#
86 65.4 51.0 76.4





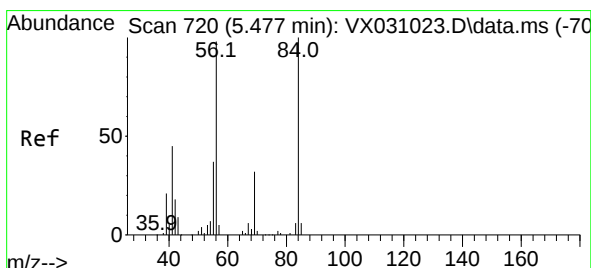
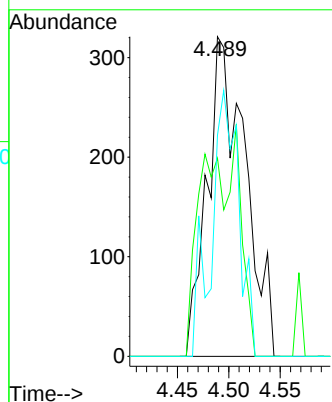
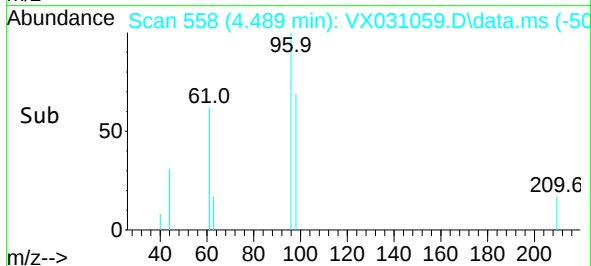
#27
 cis-1,2-Dichloroethene
 Concen: 0.247 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX031059.D
 Acq: 02 Sep 2022 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

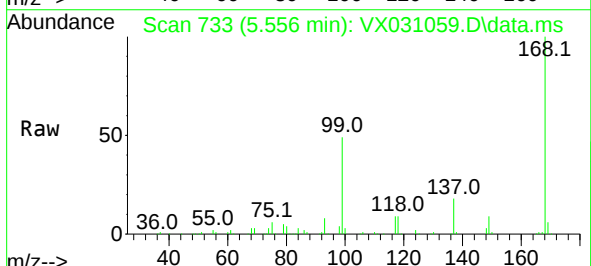


Tgt Ion: 96 Resp: 821

Ion	Ratio	Lower	Upper
96	100		
61	44.5	0.0	270.0
98	60.4	0.0	127.8

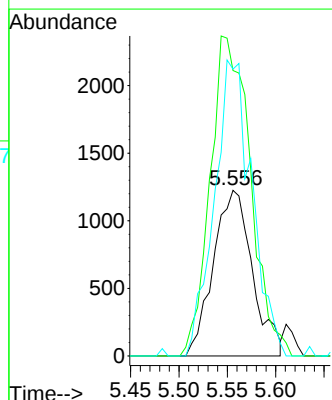
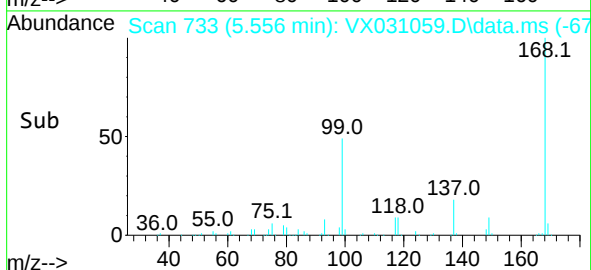


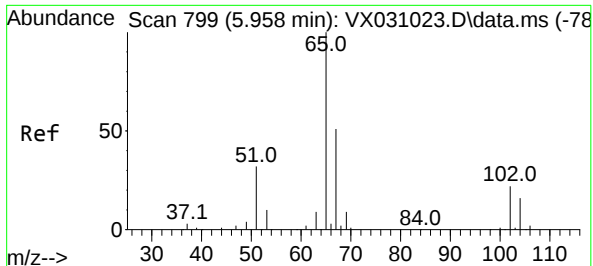
#31
 Cyclohexane
 Concen: 0.853 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX031059.D
 Acq: 02 Sep 2022 12:08



Tgt Ion: 56 Resp: 3435

Ion	Ratio	Lower	Upper
56	100		
69	172.3	25.4	38.0#
84	173.2	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.051 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031059.D

Acq: 02 Sep 2022 12:08

Instrument :

MSVOA_X

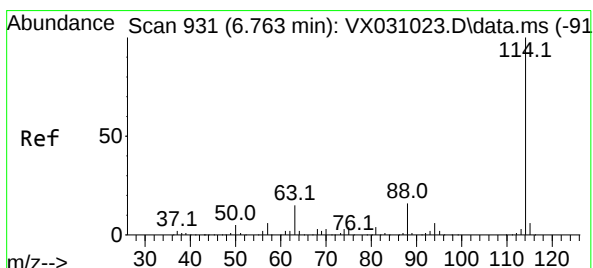
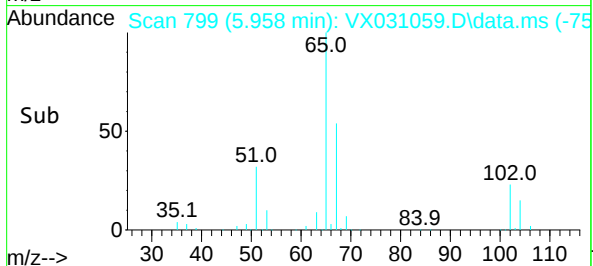
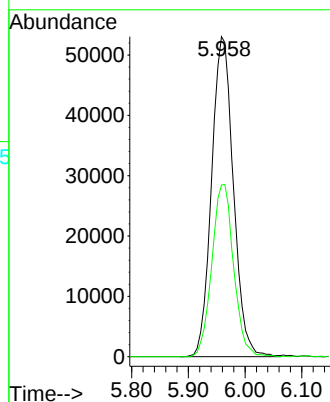
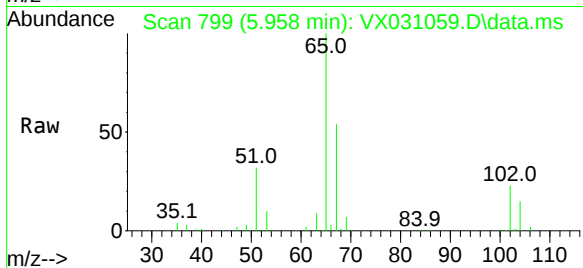
ClientSampleId :

Tgt Ion: 65 Resp: 141594

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031059.D

Acq: 02 Sep 2022 12:08

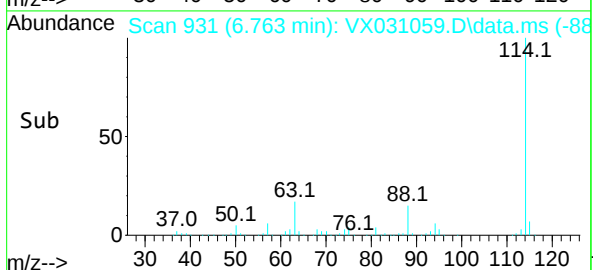
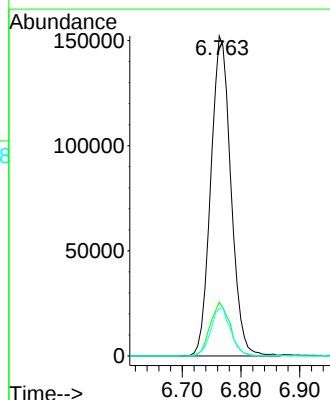
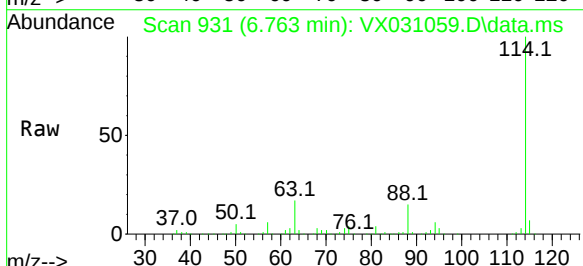
Tgt Ion: 114 Resp: 361965

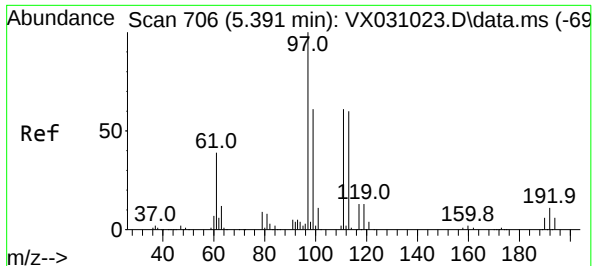
Ion Ratio Lower Upper

114 100

63 16.8 0.0 38.4

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.473 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

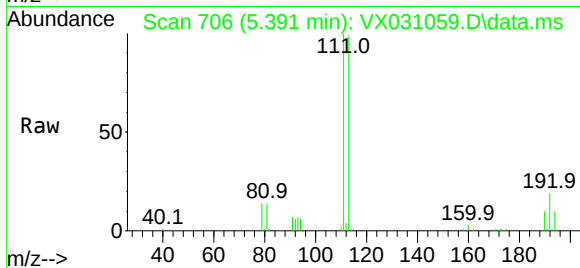
Lab File: VX031059.D

Acq: 02 Sep 2022 12:08

Instrument :

MSVOA_X

ClientSampleId :



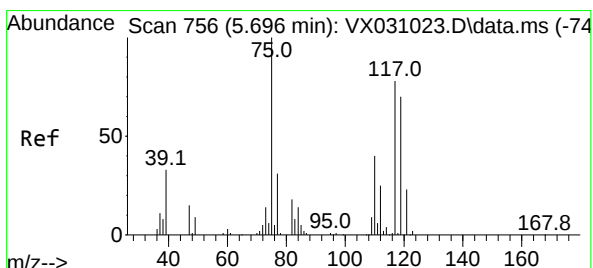
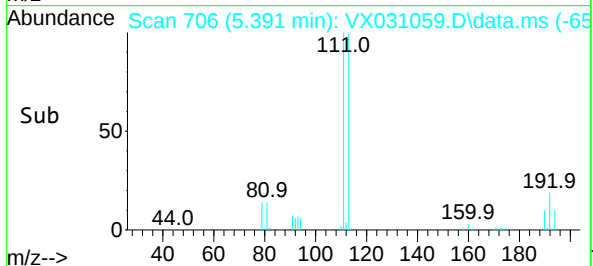
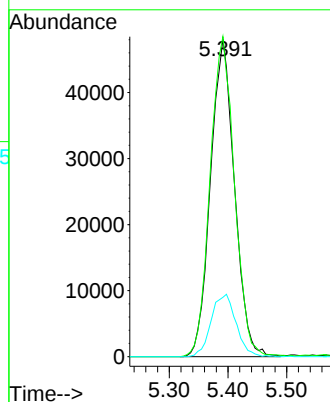
Tgt Ion:113 Resp: 135965

Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

192 20.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.018 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031059.D

Acq: 02 Sep 2022 12:08

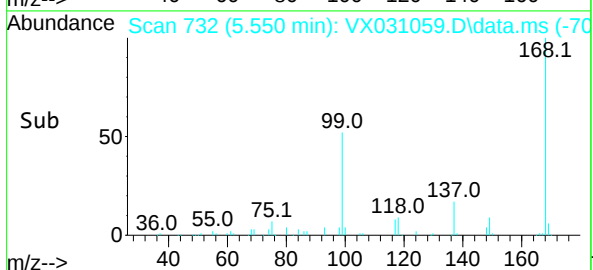
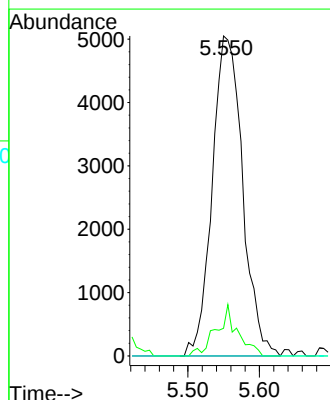
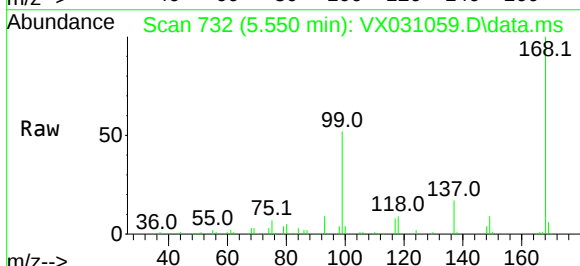
Tgt Ion: 75 Resp: 14866

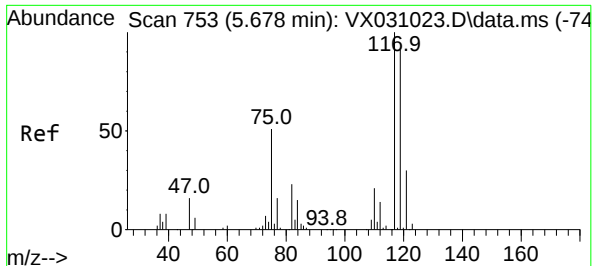
Ion Ratio Lower Upper

75 100

110 11.3 19.3 57.9#

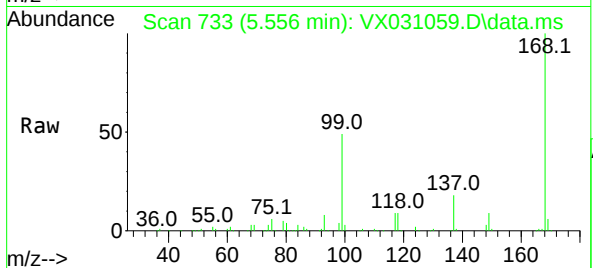
77 0.0 24.4 36.6#



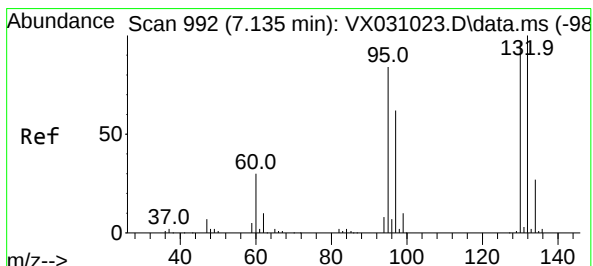
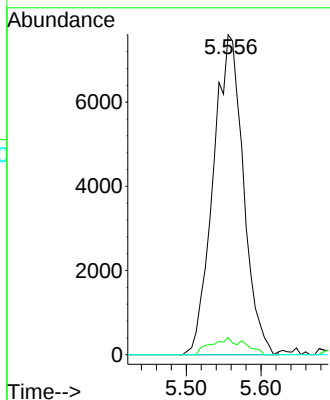
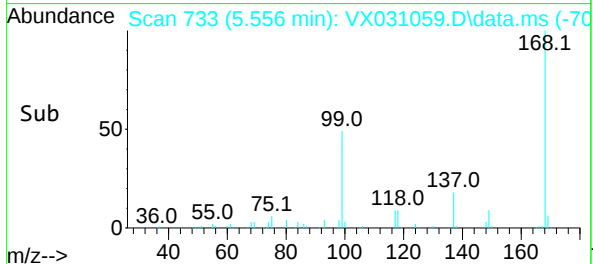


#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Instrument :
MSVOA_X
ClientSampleId :

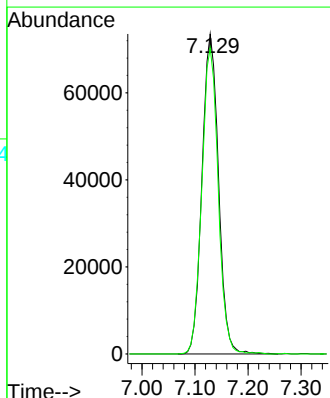
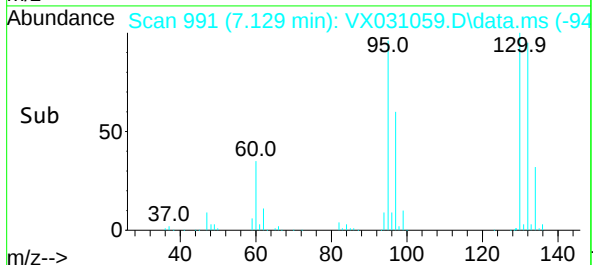
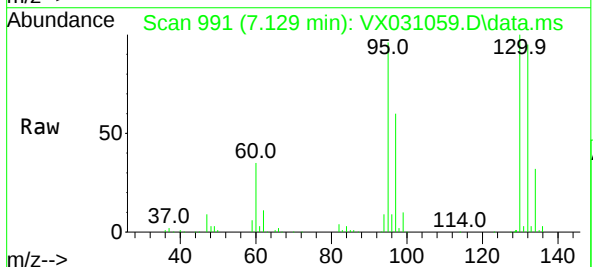


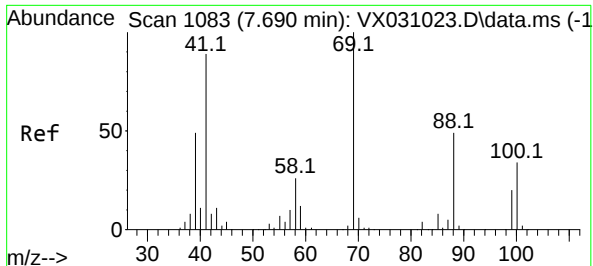
Tgt Ion:117 Resp: 21320
Ion Ratio Lower Upper
117 100
119 5.4 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 47.232 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion:130 Resp: 158808
Ion Ratio Lower Upper
130 100
95 95.6 0.0 194.8





#49

1,4-Dioxane

Concen: 0.648 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.013 min

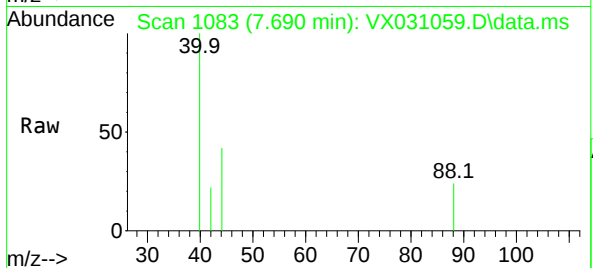
Lab File: VX031059.D

Acq: 02 Sep 2022 12:08

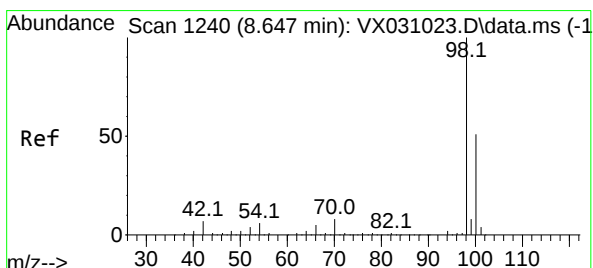
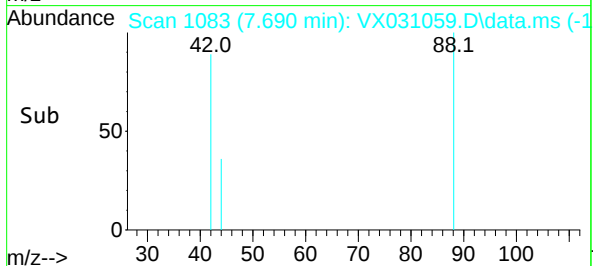
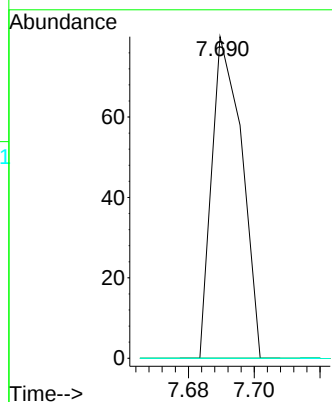
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	88	Resp:	50
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 50.513 ug/l

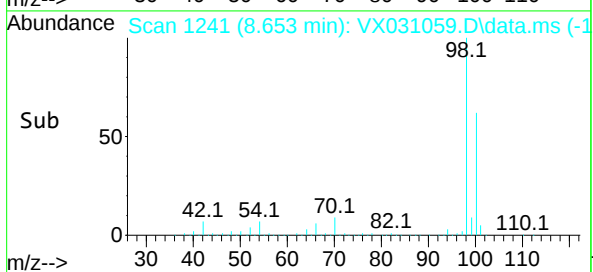
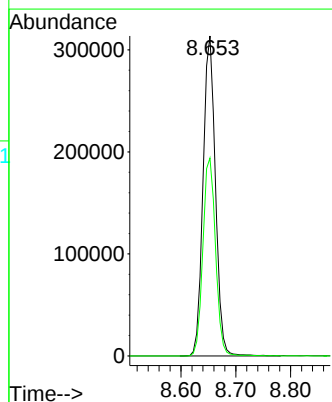
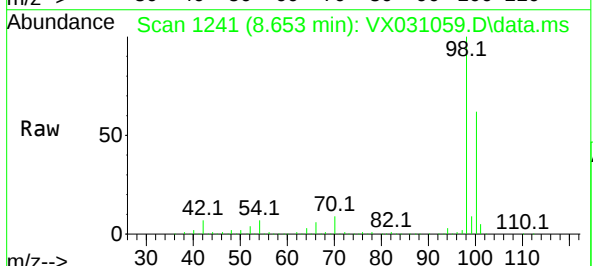
RT: 8.653 min Scan# 1241

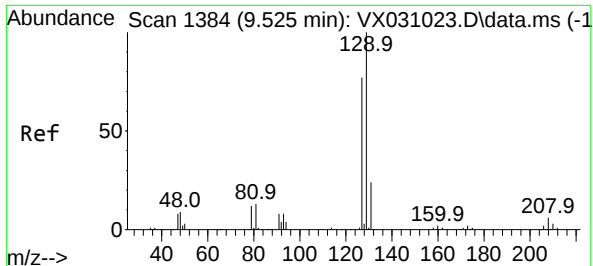
Delta R.T. -0.000 min

Lab File: VX031059.D

Acq: 02 Sep 2022 12:08

Tgt Ion:	98	Resp:	491074
Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.3	78.5

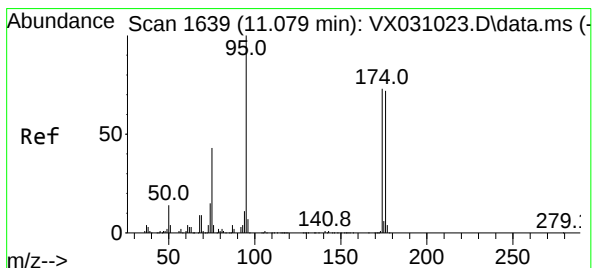
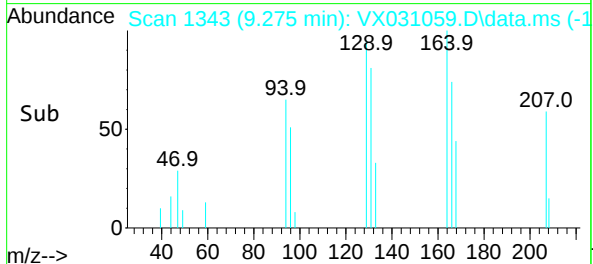
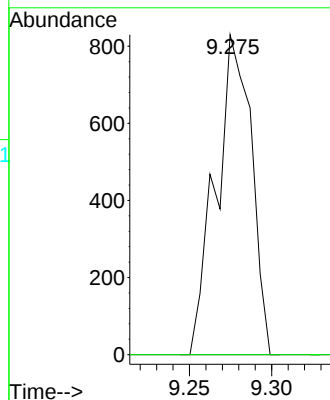
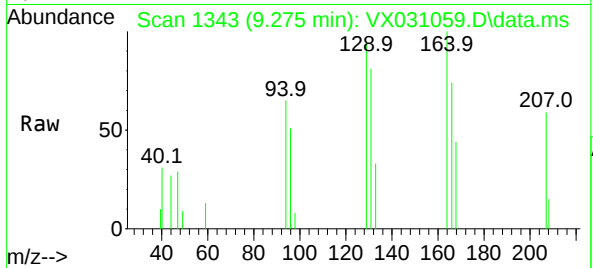




#60
Dibromochloromethane
Concen: 0.410 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

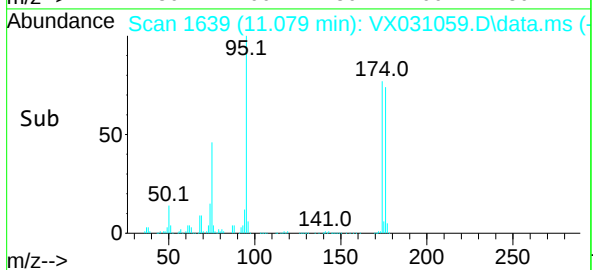
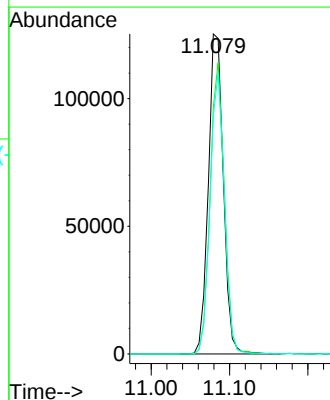
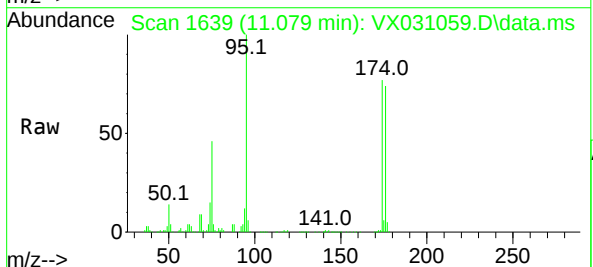
Instrument :
MSVOA_X
ClientSampleId :

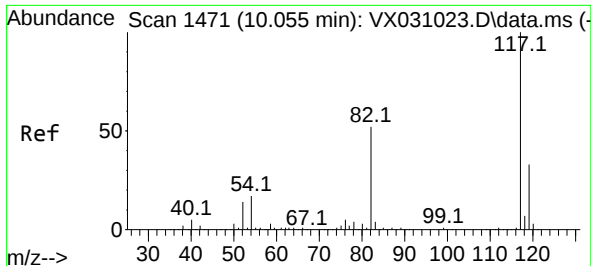
Tgt Ion:129 Resp: 1246
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 48.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Tgt Ion: 95 Resp: 166331
Ion Ratio Lower Upper
95 100
174 87.0 0.0 149.0
176 83.4 0.0 146.0

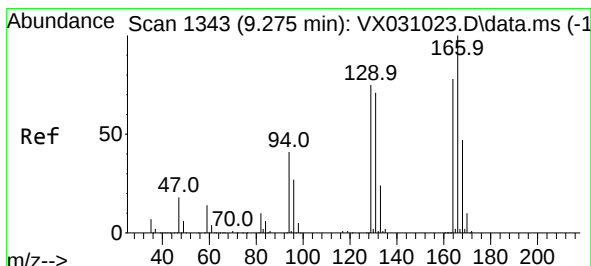
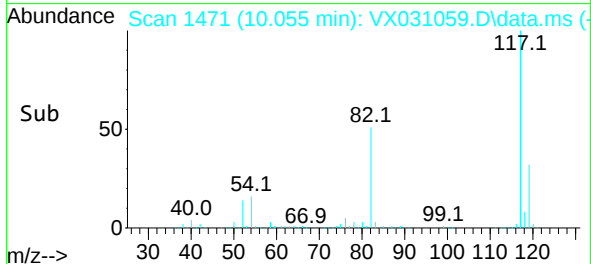
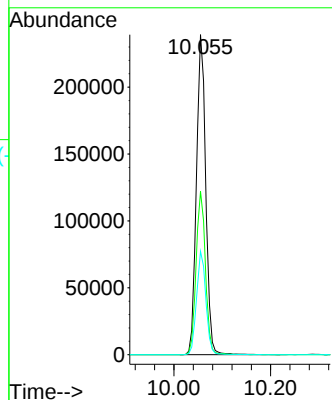
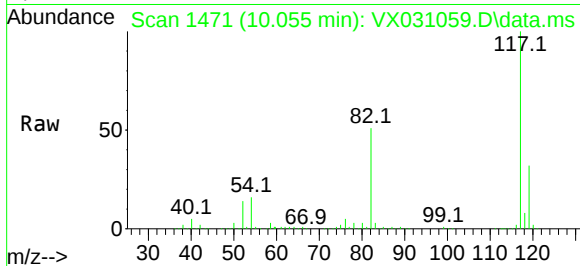




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

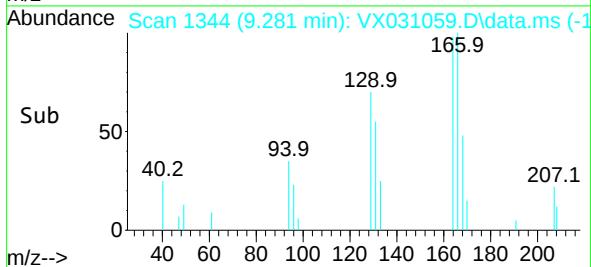
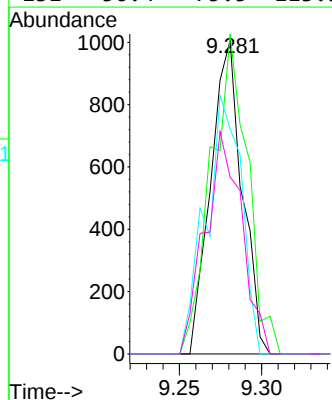
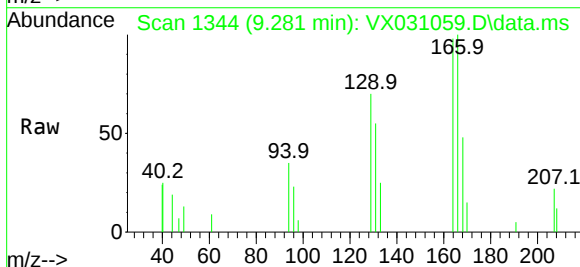
Instrument :
MSVOA_X
ClientSampleId :

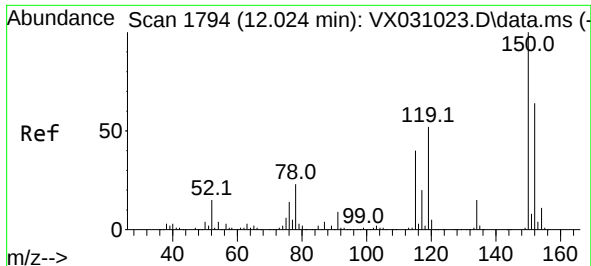
Tgt Ion:117 Resp: 318680
Ion Ratio Lower Upper
117 100
82 51.0 42.7 64.1
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.421 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

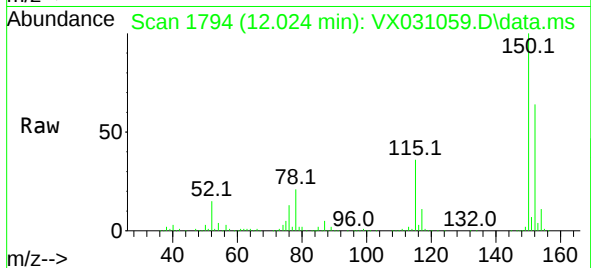
Tgt Ion:164 Resp: 1338
Ion Ratio Lower Upper
164 100
166 102.0 98.2 147.4
129 71.7 80.8 121.2#
131 56.4 75.5 113.3#



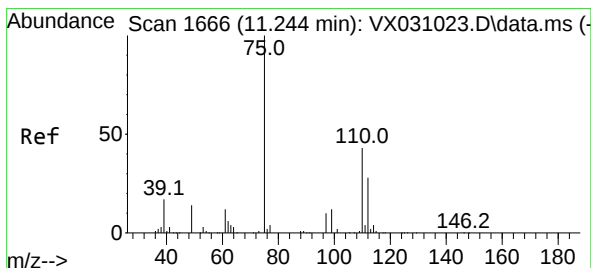
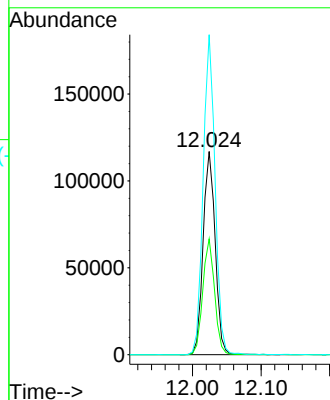
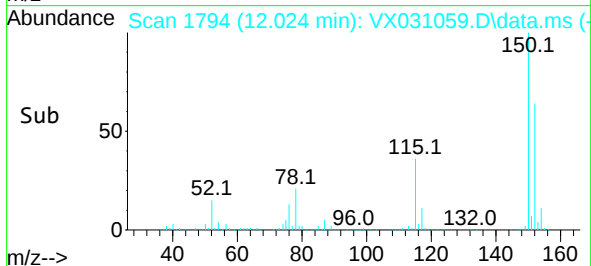


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

Instrument :
MSVOA_X
ClientSampleId :

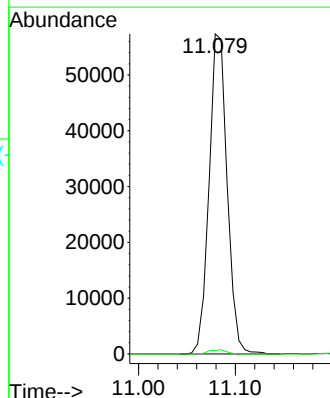
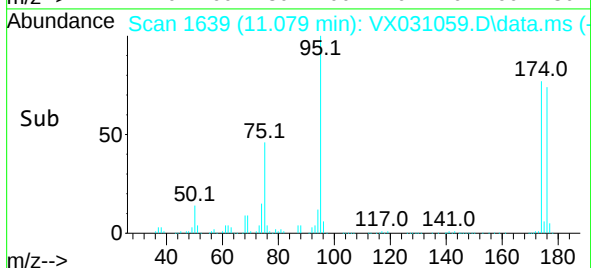
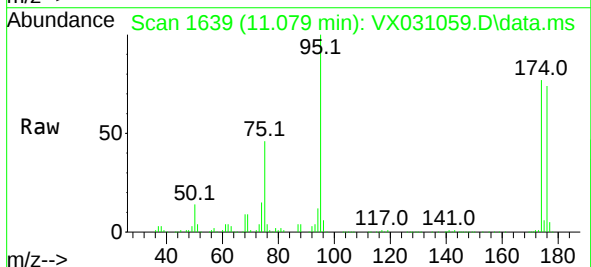


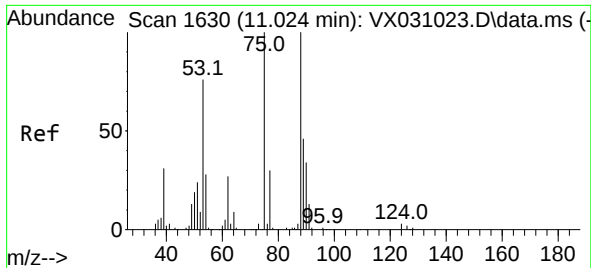
Tgt Ion:152 Resp: 143652
Ion Ratio Lower Upper
152 100
115 55.8 40.5 121.5
150 155.2 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031059.D
Acq: 02 Sep 2022 12:08

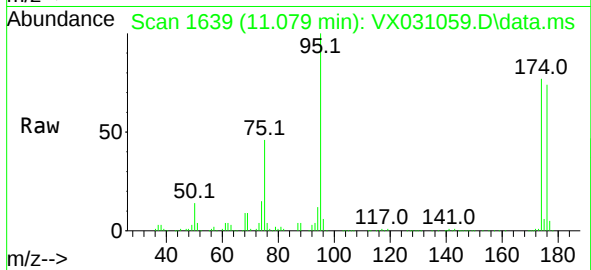
Tgt Ion: 75 Resp: 74624
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.063 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.055 min
 Lab File: VX031059.D
 Acq: 02 Sep 2022 12:08

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 74624
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

