

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029755.D
 Acq On : 23 Jun 2022 19:34
 Operator : JC/MD
 Sample : N3365-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-21D

Quant Time: Jun 24 05:41:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

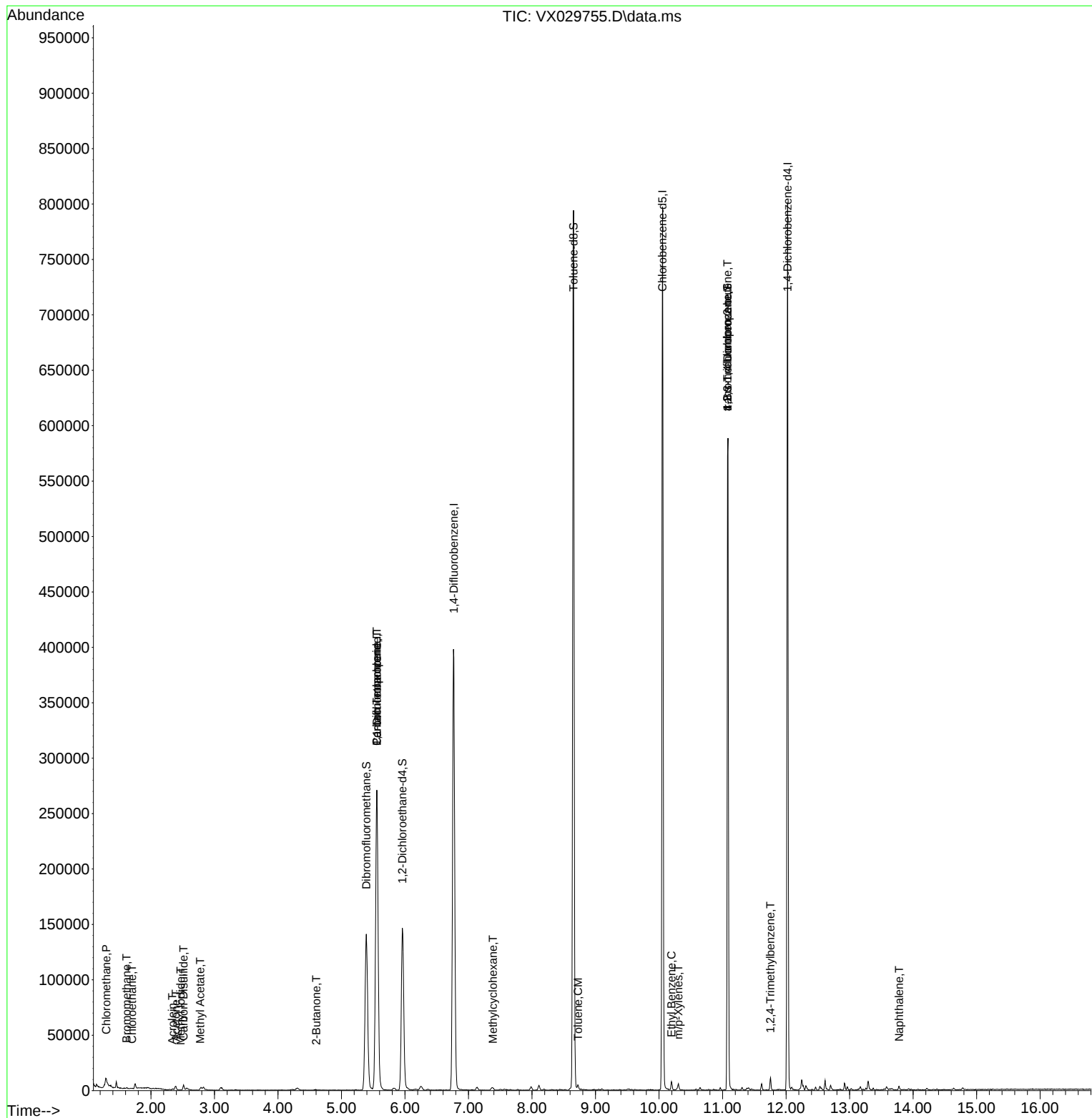
Internal Standards						
1) Pentafluorobenzene	5.556	168	260310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	434162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139720	40.548	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.100%
35) Dibromofluoromethane	5.391	113	125732	44.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.653	98	489430	47.351	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.700%
62) 4-Bromofluorobenzene	11.079	95	175185	44.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1339	0.394	ug/l	100
5) Bromomethane	1.617	94	421	0.264	ug/l	93
6) Chloroethane	1.703	64	540	1.507	ug/l #	80
10) Methyl Iodide	2.465	142	183	3.073	ug/l #	57
11) Tert butyl alcohol	2.971	59	30	Below Cal	#	72
13) Acrolein	2.337	56	72	0.379	ug/l #	15
16) Acetone	2.392	43	3944	2.872	ug/l	92
17) Carbon Disulfide	2.514	76	5682	0.831	ug/l	98
18) Methyl Acetate	2.776	43	861	0.237	ug/l #	46
25) 2-Butanone	4.605	43	769	0.354	ug/l #	78
36) 1,1-Dichloropropene	5.556	75	18604	4.858	ug/l #	49
38) Carbon Tetrachloride	5.556	117	25260	6.708	ug/l #	14
39) Methylcyclohexane	7.385	83	1253	0.262	ug/l	92
44) Trichloroethene	7.129	130	1104	Below Cal		87
52) Toluene	8.726	92	1835	0.252	ug/l	88
67) Ethyl Benzene	10.195	91	4075	0.312	ug/l	91
68) m/p-Xylenes	10.305	106	1348	0.265	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	82972	22.644	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	82972	75.332	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	5370	0.507	ug/l	93
95) Naphthalene	13.780	128	2633	0.223	ug/l	98

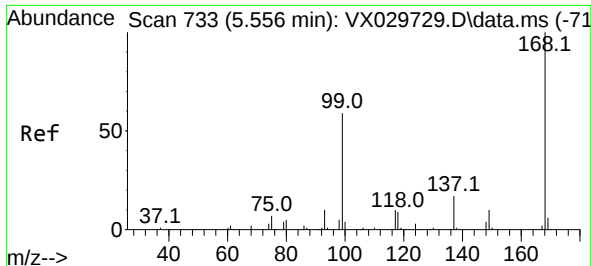
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TW-21D

Quant Time: Jun 24 05:41:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

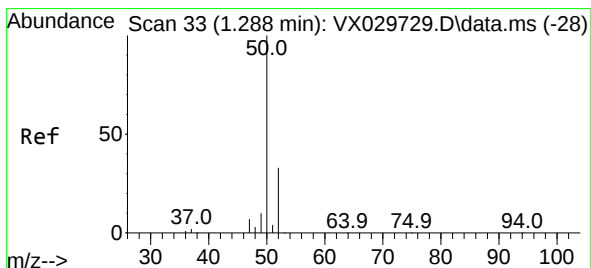
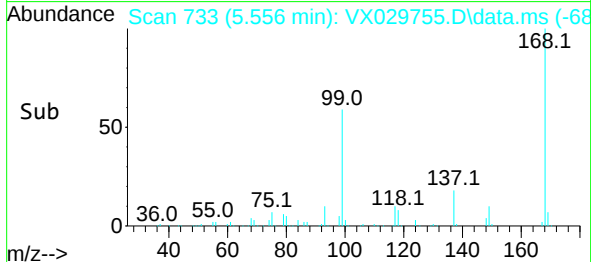
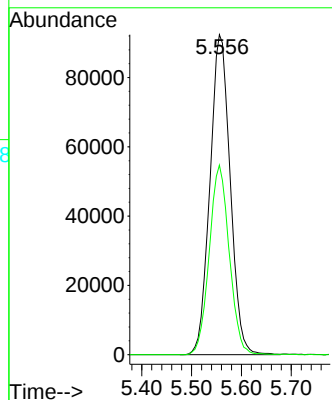
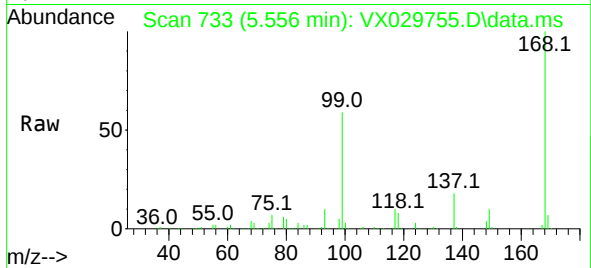




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

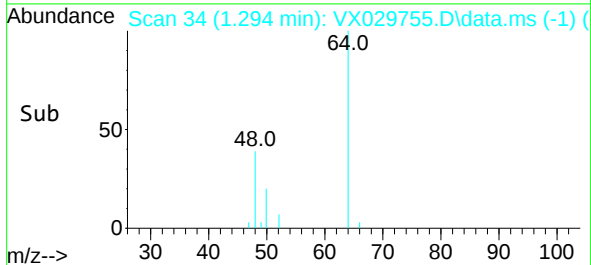
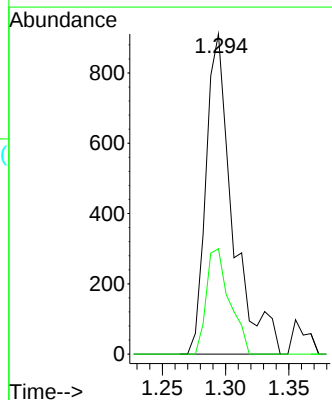
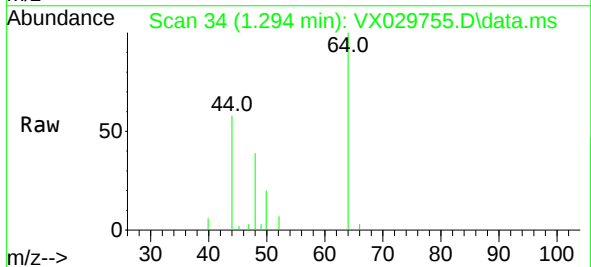
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

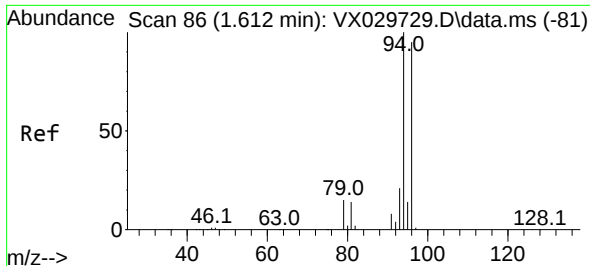
Tgt Ion:168 Resp: 260310
Ion Ratio Lower Upper
168 100
99 59.3 41.7 62.5



#3
Chloromethane
Concen: 0.394 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion: 50 Resp: 1339
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

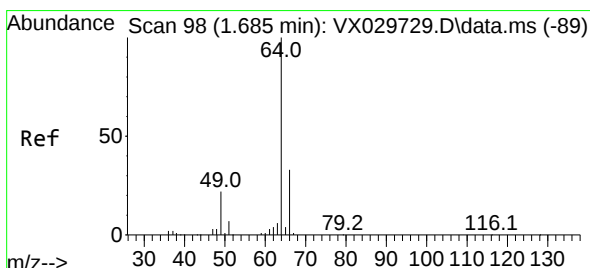
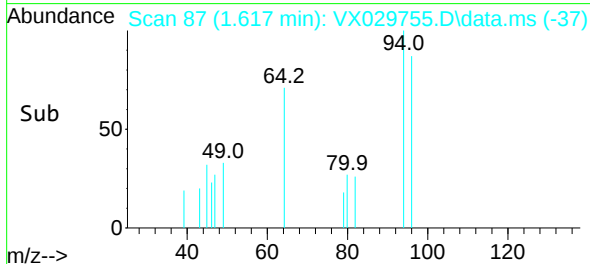
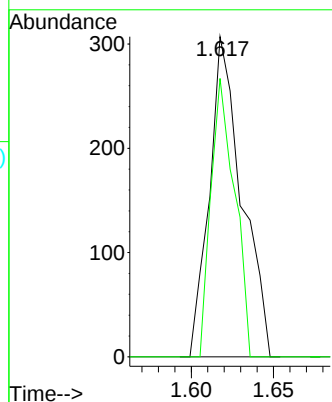
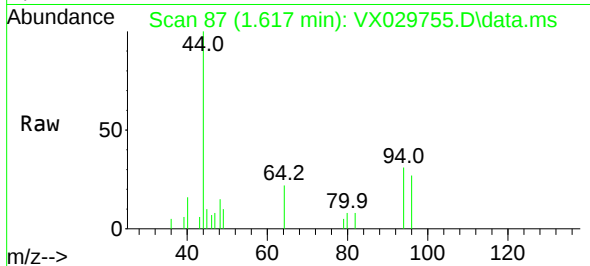




#5
Bromomethane
Concen: 0.264 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

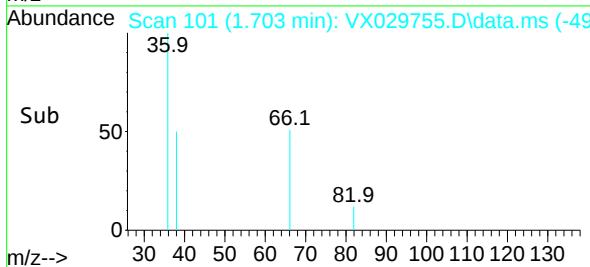
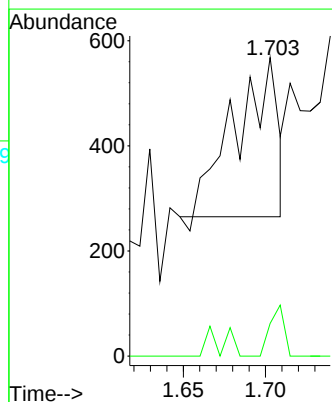
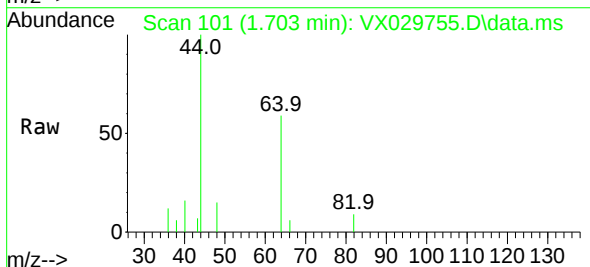
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

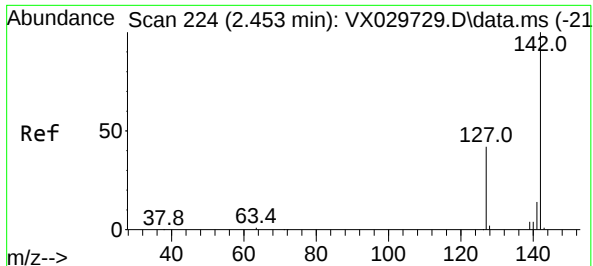
Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 87.0 75.3 112.9



#6
Chloroethane
Concen: 1.507 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion: 64 Resp: 540
Ion Ratio Lower Upper
64 100
66 20.5 25.3 37.9#

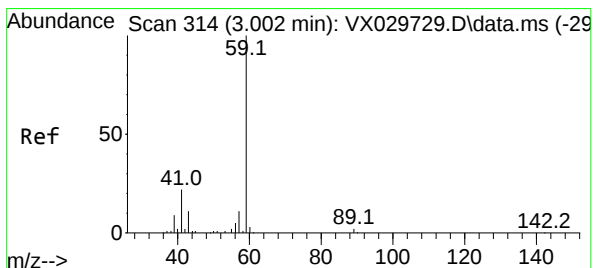
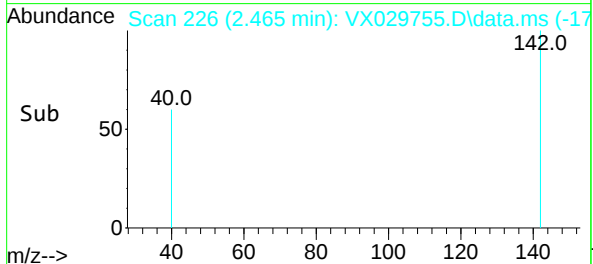
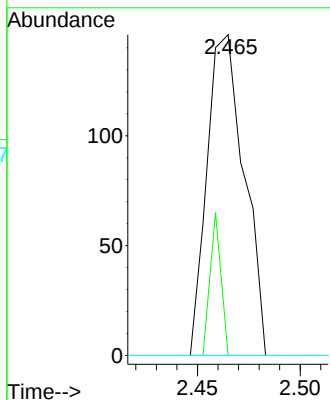
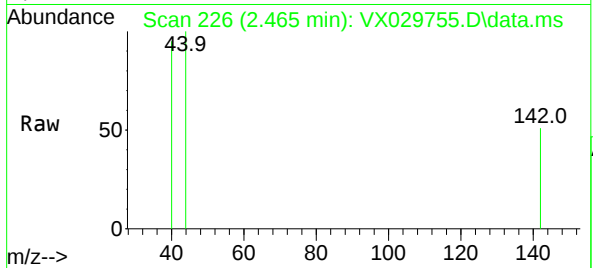




#10
Methyl Iodide
Concen: 3.073 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

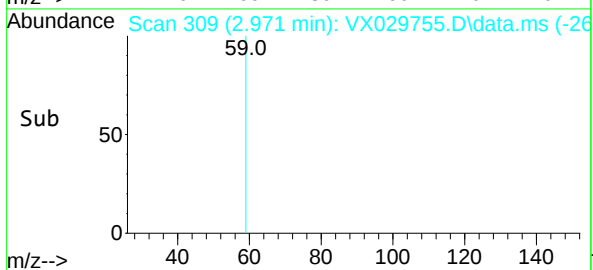
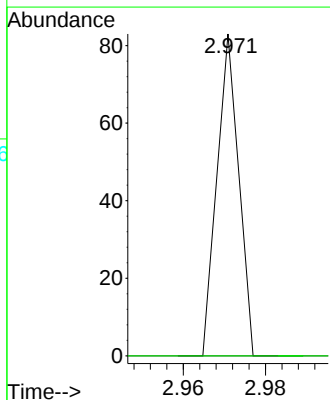
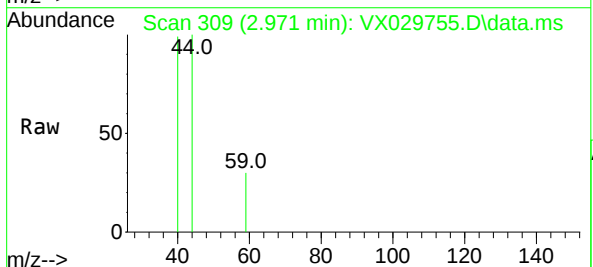
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

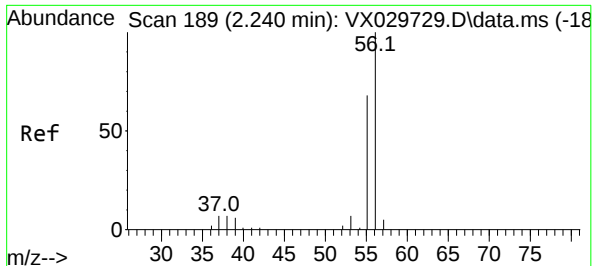
Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 13.1 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion: 59 Resp: 30
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.379 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.098 min

Lab File: VX029755.D

Acq: 23 Jun 2022 19:34

Instrument :

MSVOA_X

ClientSampleId :

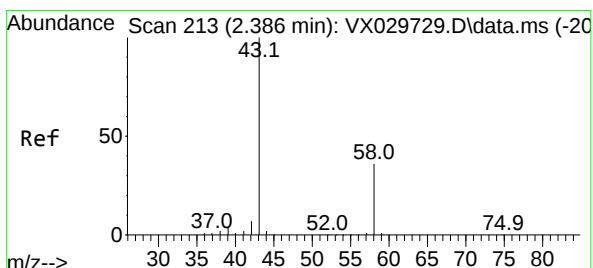
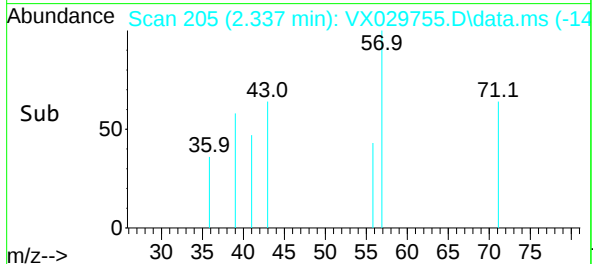
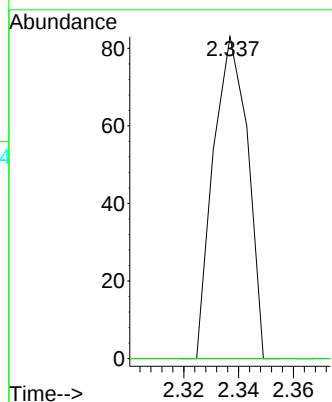
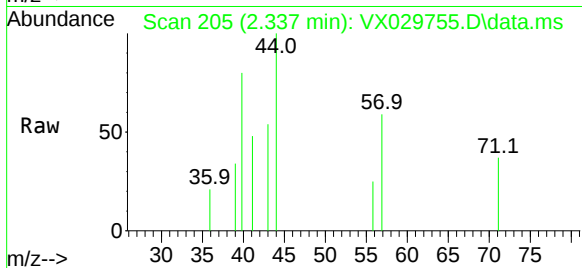
TW-21D

Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#



#16

Acetone

Concen: 2.872 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX029755.D

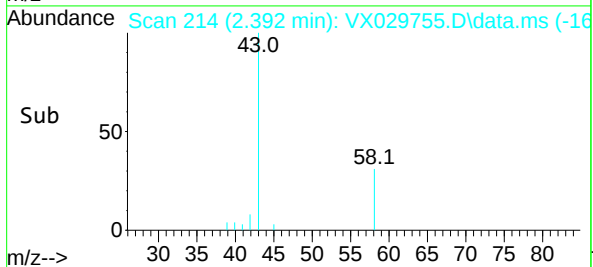
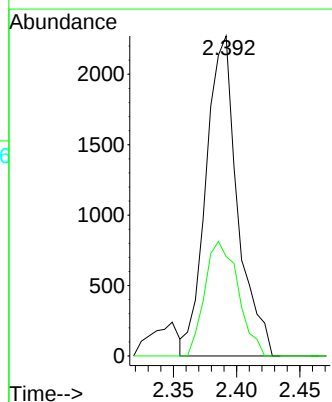
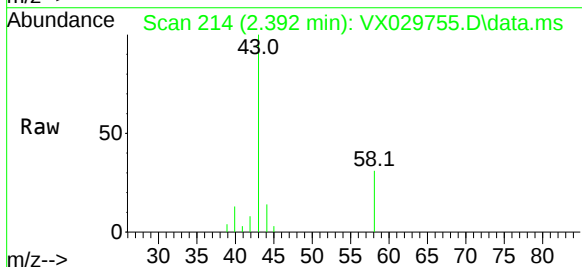
Acq: 23 Jun 2022 19:34

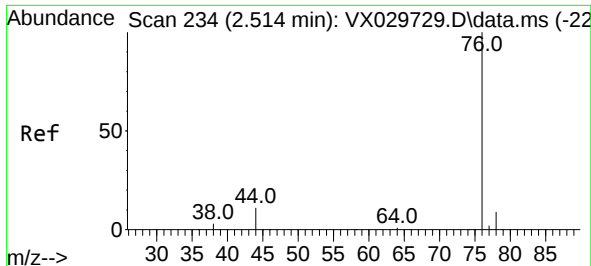
Tgt Ion: 43 Resp: 3944

Ion Ratio Lower Upper

43 100

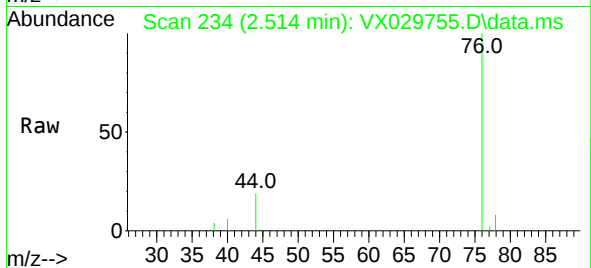
58 31.1 28.8 43.2



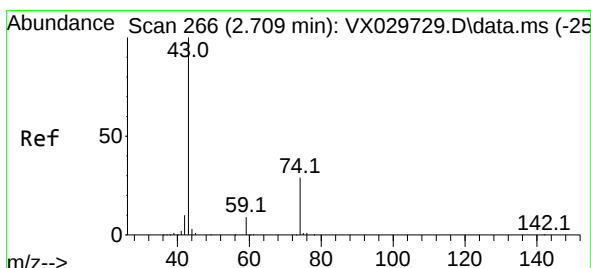
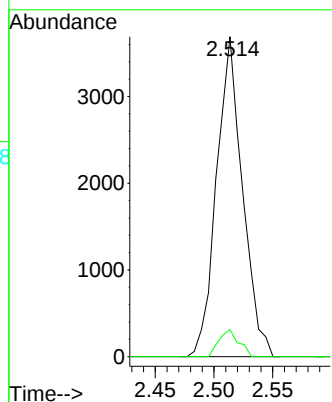
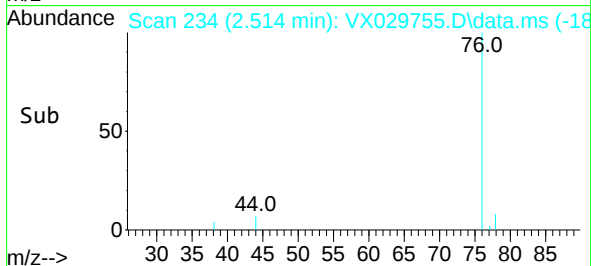


#17
Carbon Disulfide
Concen: 0.831 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

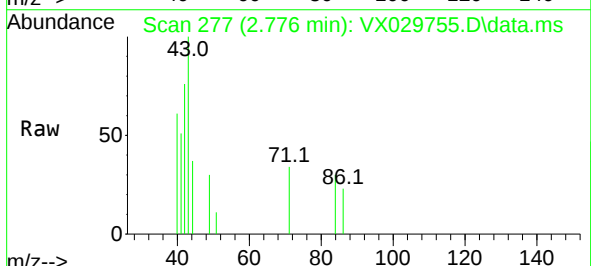
Instrument :
MSVOA_X
ClientSampleId :
TW-21D



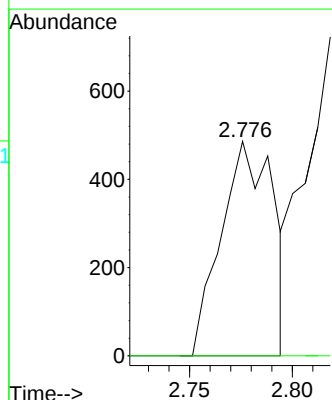
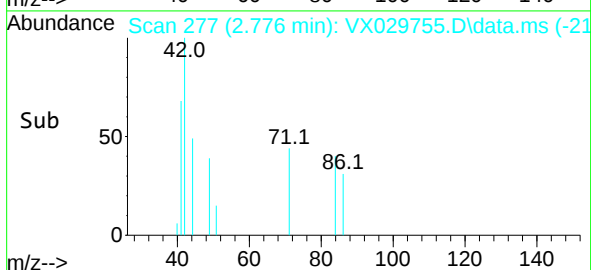
Tgt Ion: 76 Resp: 5682
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

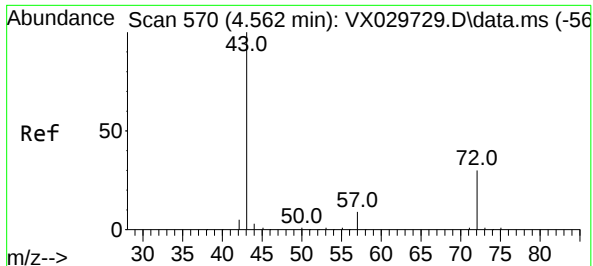


#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.776 min Scan# 277
Delta R.T. 0.067 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34



Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

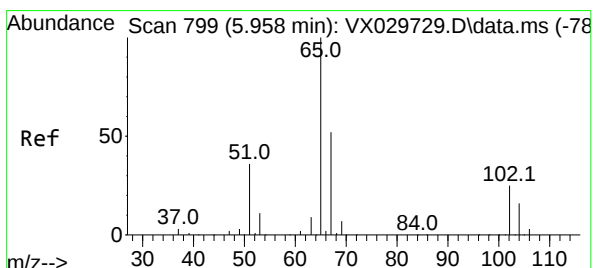
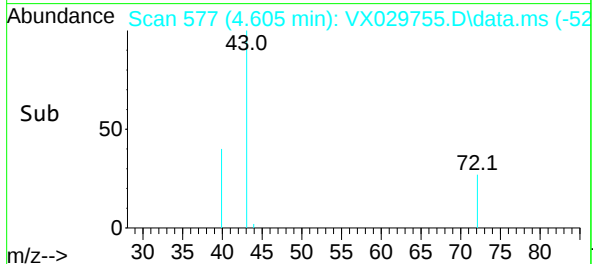
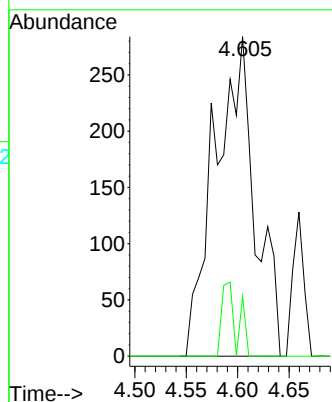
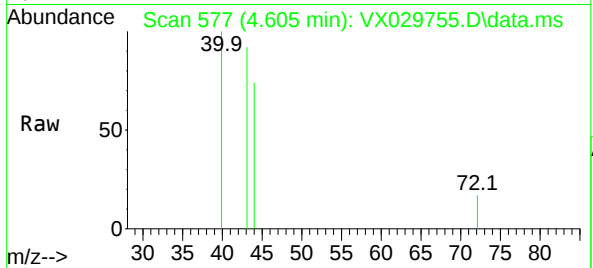




#25
2-Butanone
Concen: 0.354 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

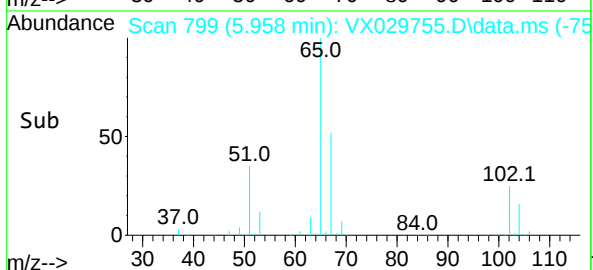
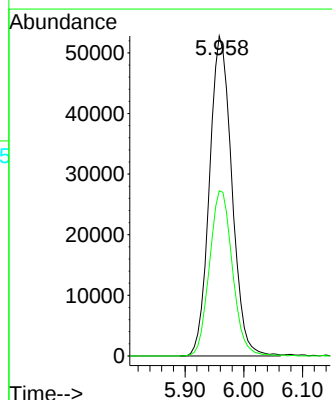
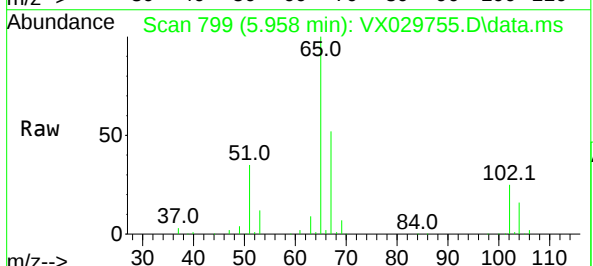
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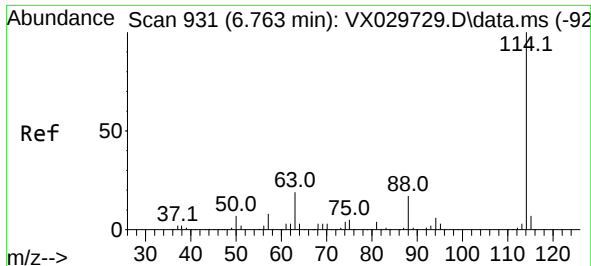
Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
72 18.7 24.4 36.6#



#33
1,2-Dichloroethane-d4
Concen: 40.548 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion: 65 Resp: 139720
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

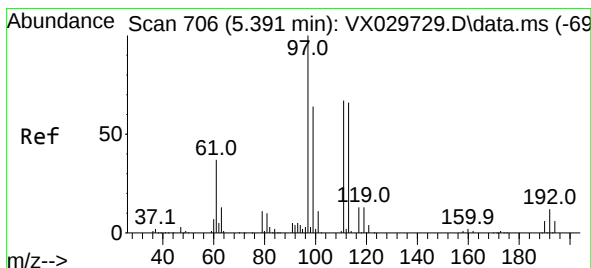
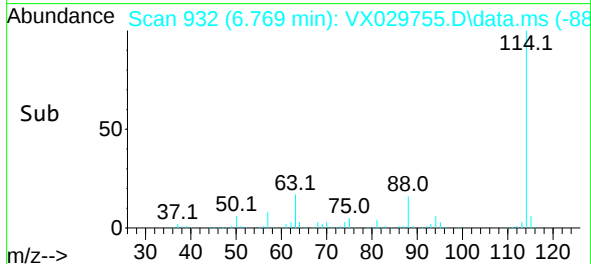
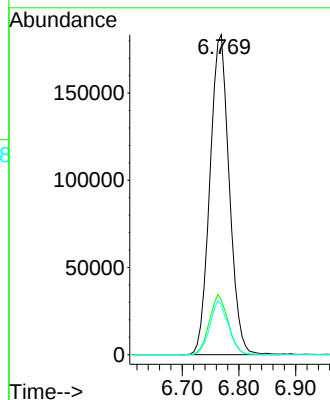
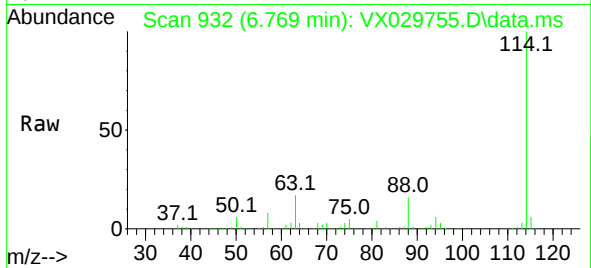




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

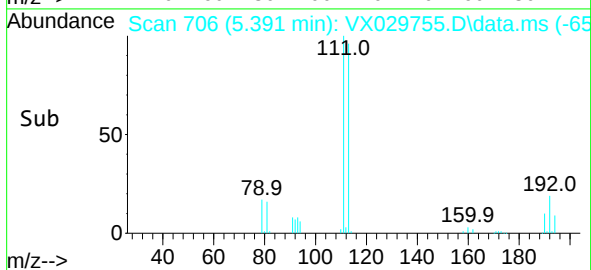
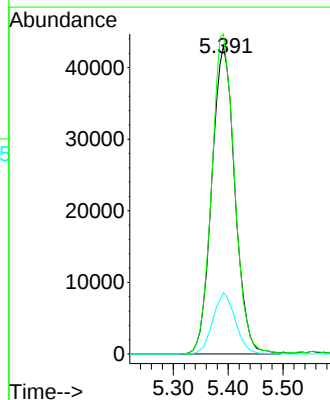
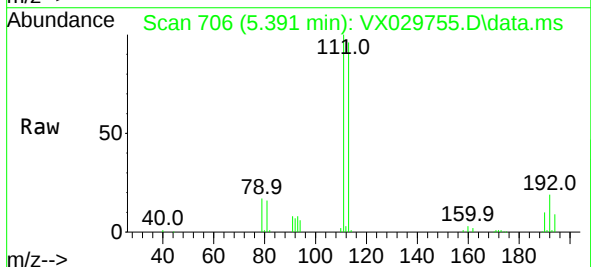
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

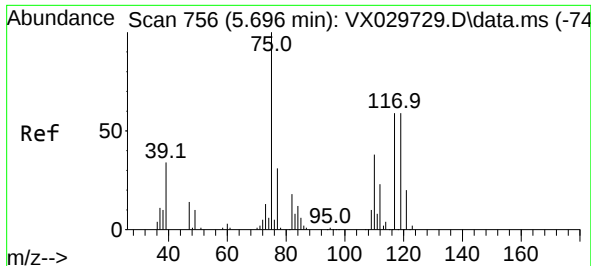
Tgt Ion:114 Resp: 434162
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.438 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion:113 Resp: 125732
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.3 16.9 25.3

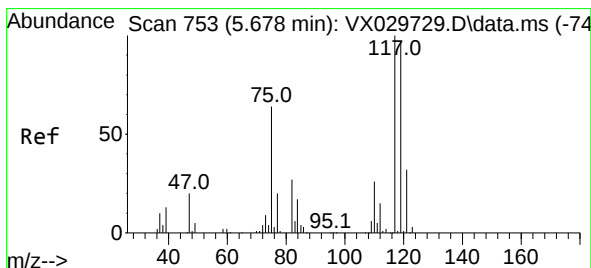
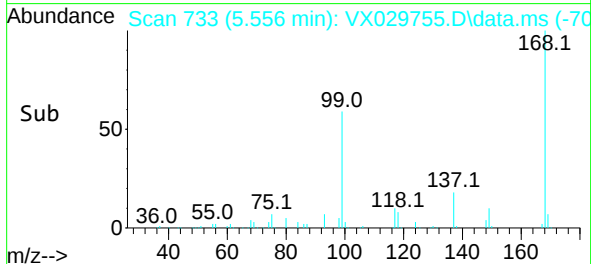
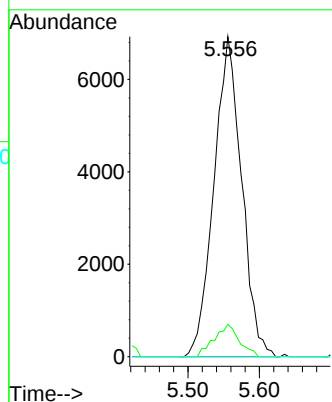
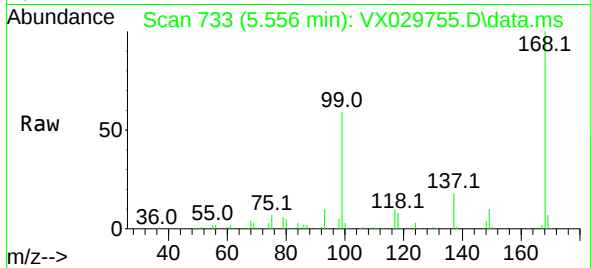




#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

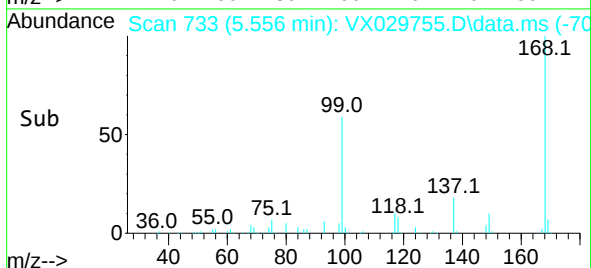
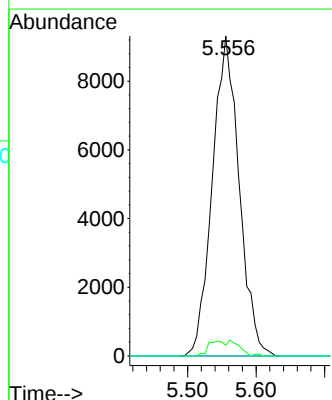
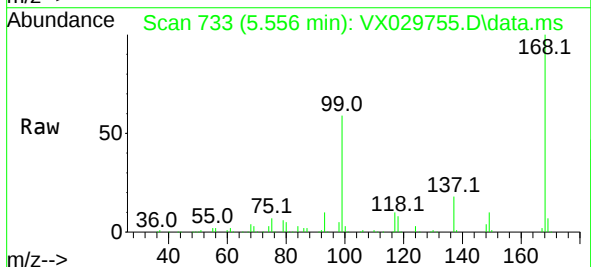
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

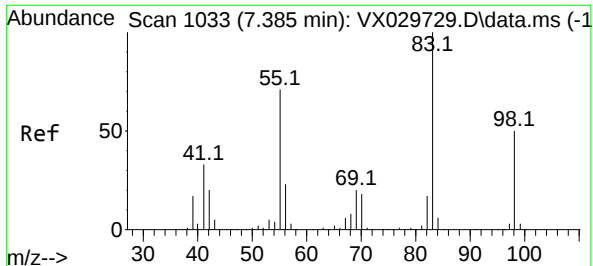
Tgt Ion: 75 Resp: 18604
Ion Ratio Lower Upper
75 100
110 9.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.708 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion: 117 Resp: 25260
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 24.2 36.2#

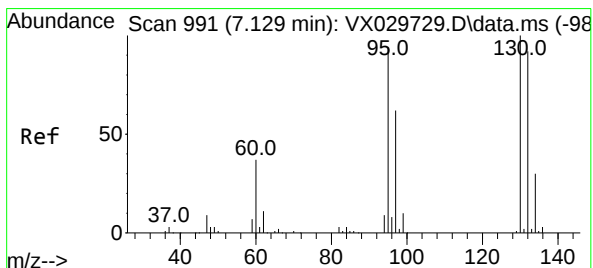
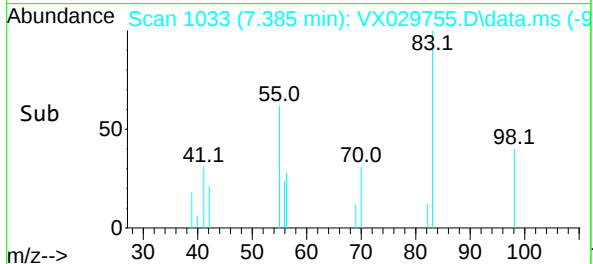
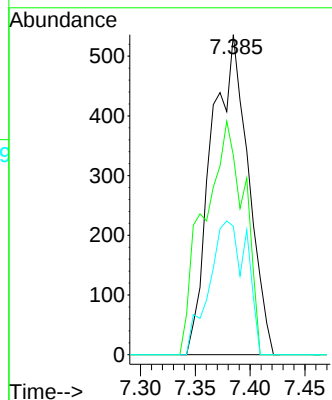
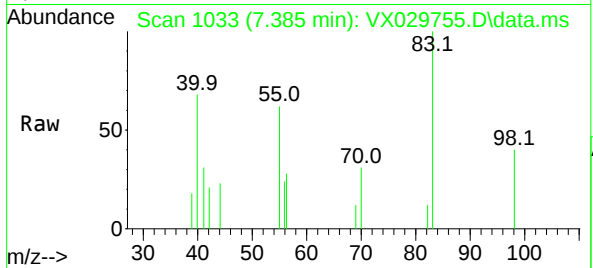




#39
Methylcyclohexane
Concen: 0.262 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

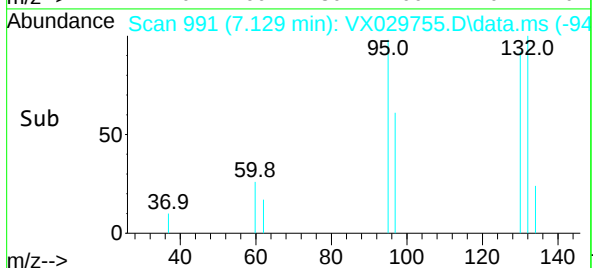
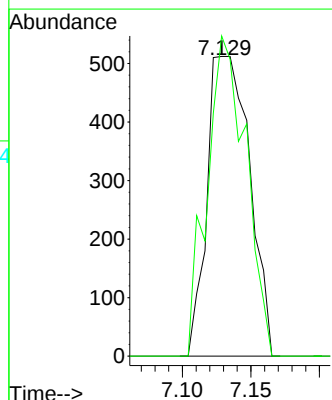
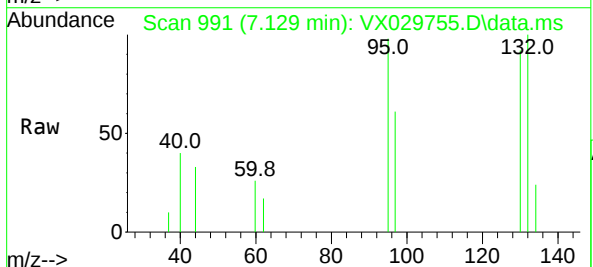
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

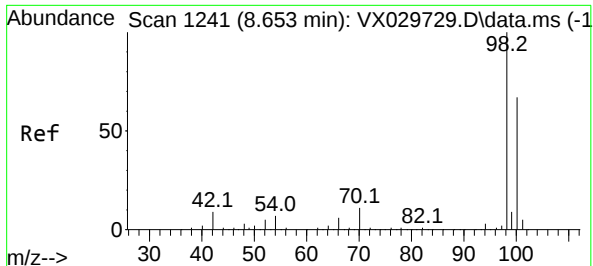
Tgt Ion: 83 Resp: 1253
Ion Ratio Lower Upper
83 100
55 62.3 54.6 81.8
98 40.1 37.4 56.2



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion:130 Resp: 1104
Ion Ratio Lower Upper
130 100
95 106.8 0.0 188.8

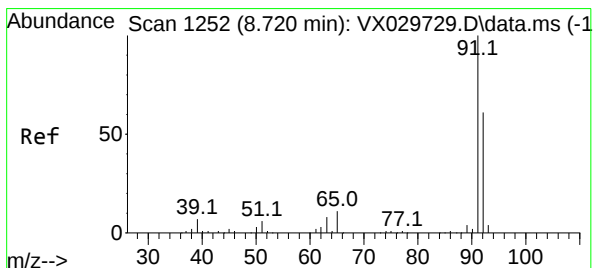
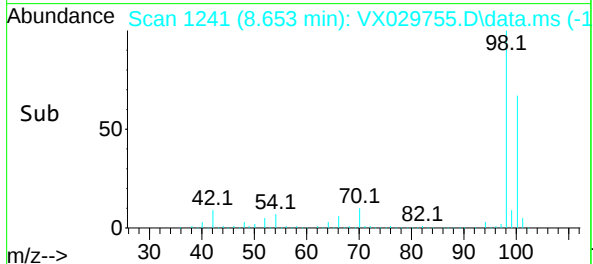
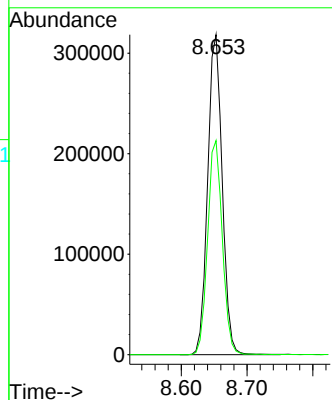
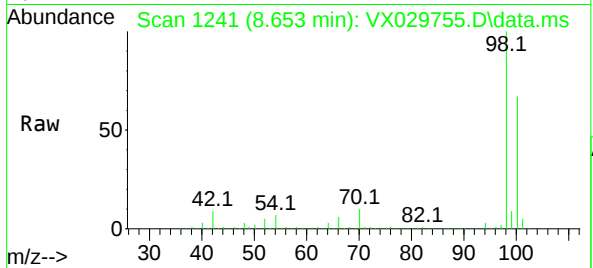




#50
Toluene-d8
Concen: 47.351 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

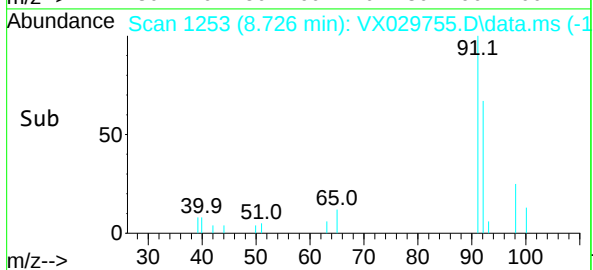
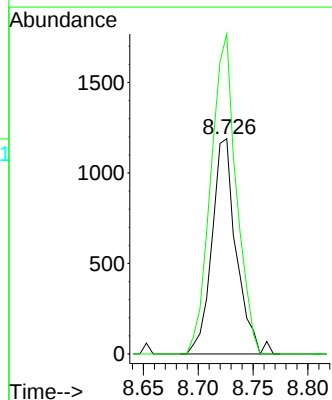
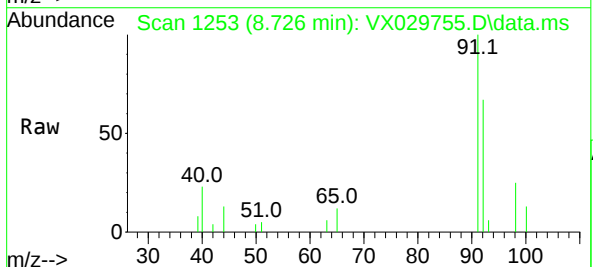
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

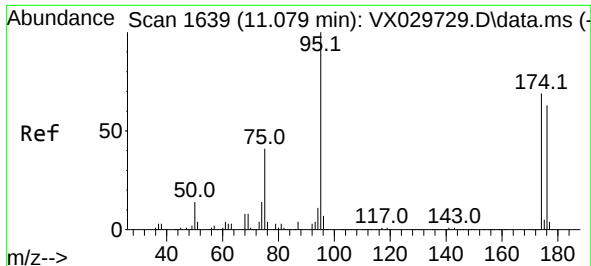
Tgt Ion: 98 Resp: 489430
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8



#52
Toluene
Concen: 0.252 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion: 92 Resp: 1835
Ion Ratio Lower Upper
92 100
91 156.0 137.5 206.3

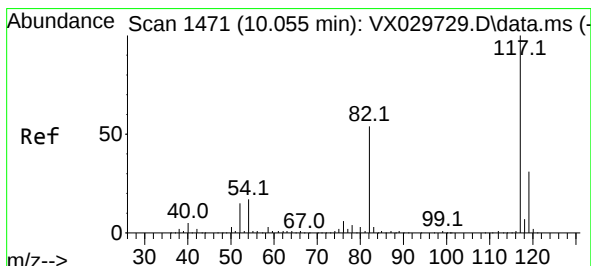
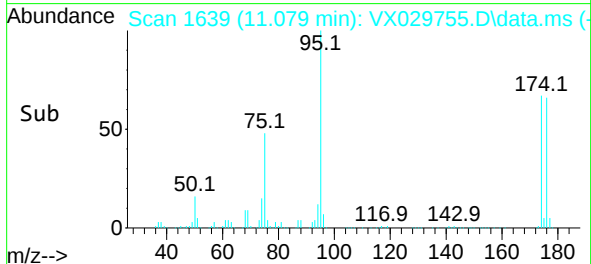
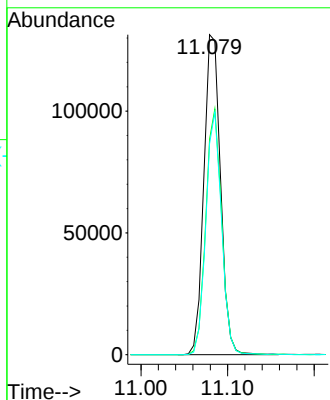
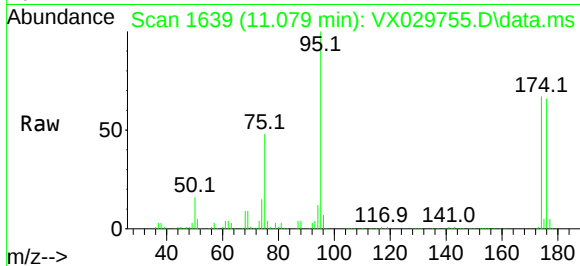




#62
4-Bromofluorobenzene
Concen: 44.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

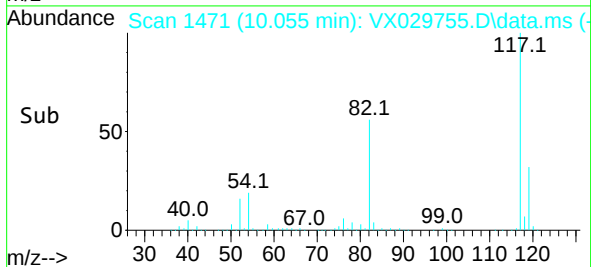
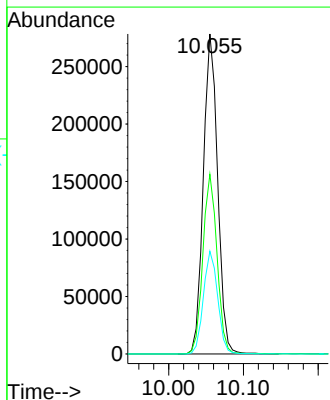
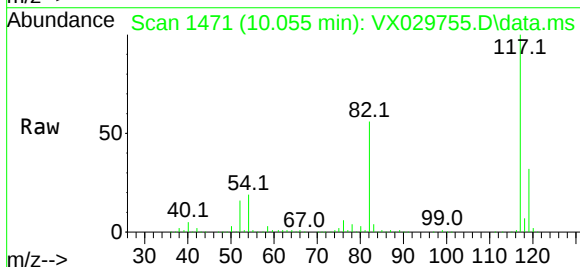
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

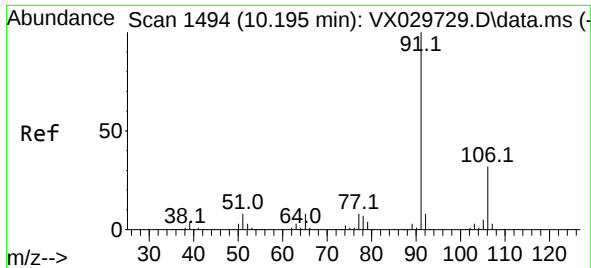
Tgt Ion: 95 Resp: 175185
Ion Ratio Lower Upper
95 100
174 73.3 0.0 163.0
176 71.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Tgt Ion: 117 Resp: 370012
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.1 24.8 37.2





#67

Ethyl Benzene

Concen: 0.312 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029755.D

Acq: 23 Jun 2022 19:34

Instrument :

MSVOA_X

ClientSampleId :

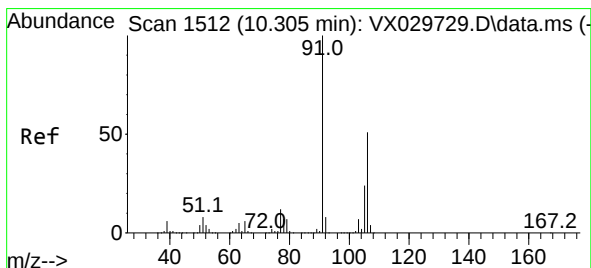
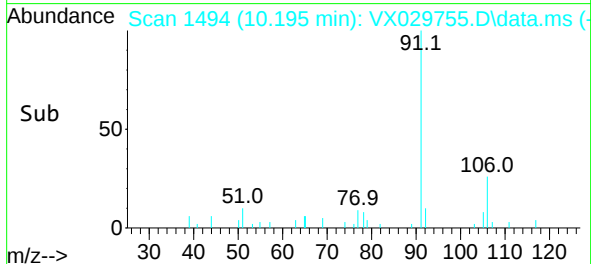
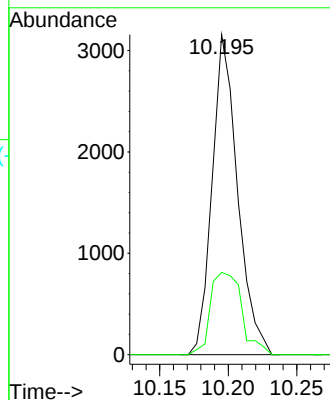
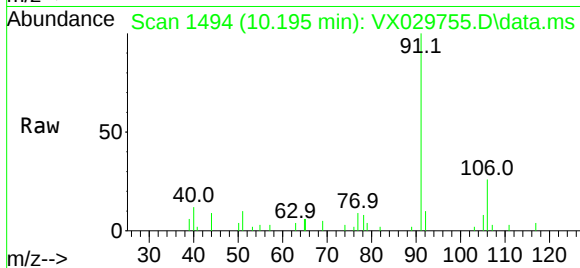
TW-21D

Tgt Ion: 91 Resp: 4075

Ion Ratio Lower Upper

91 100

106 25.7 24.6 36.8



#68

m/p-Xylenes

Concen: 0.265 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX029755.D

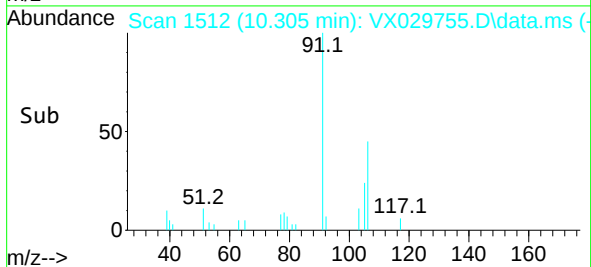
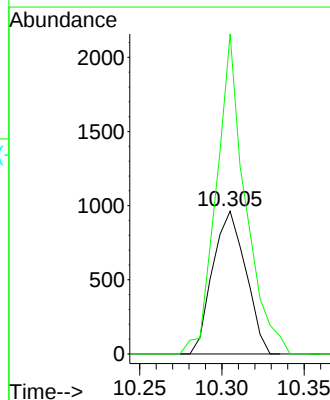
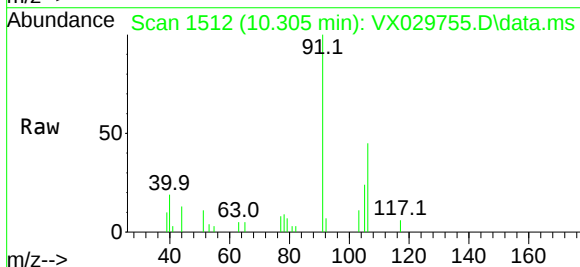
Acq: 23 Jun 2022 19:34

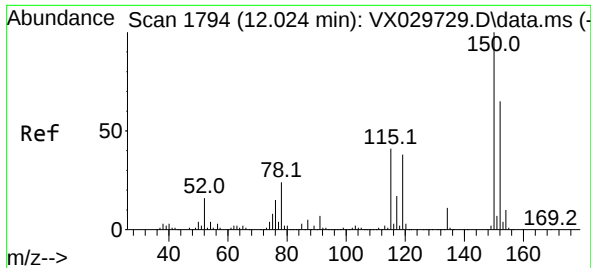
Tgt Ion: 106 Resp: 1348

Ion Ratio Lower Upper

106 100

91 195.8 160.4 240.6

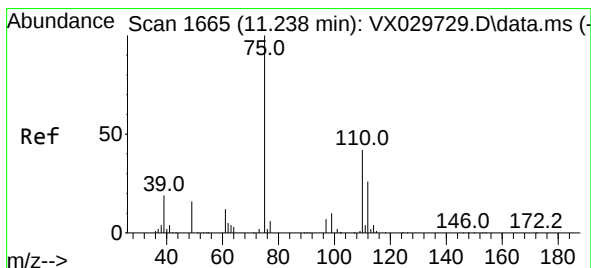
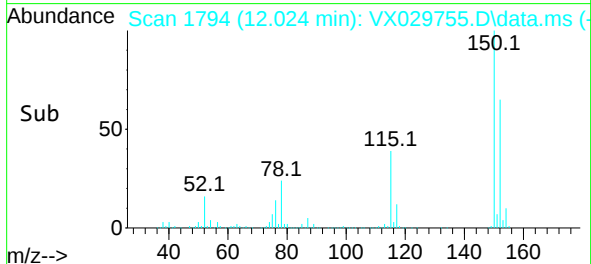
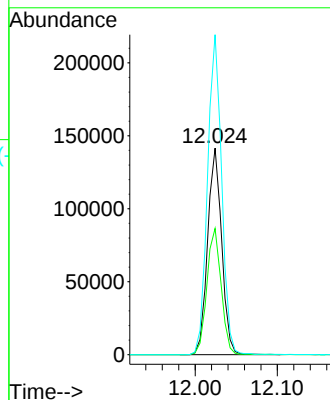
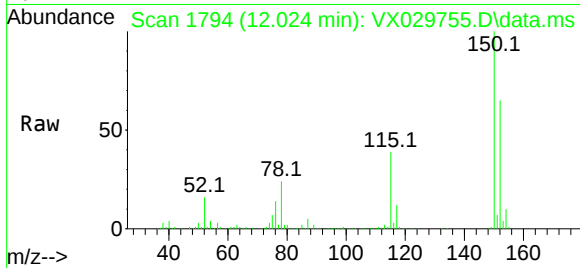




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029755.D
 Acq: 23 Jun 2022 19:34

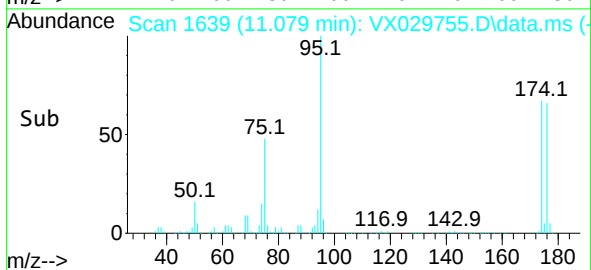
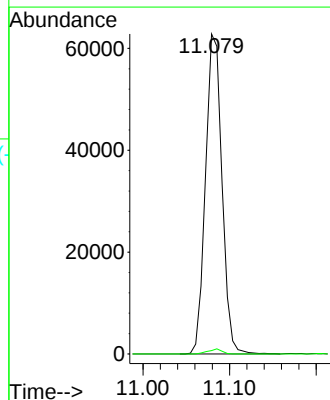
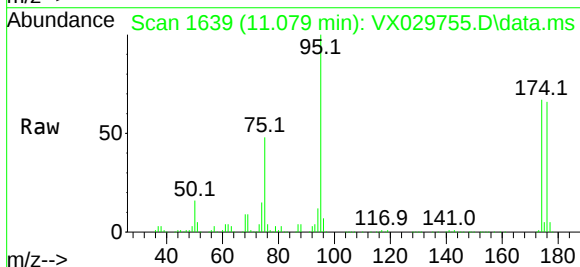
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-21D

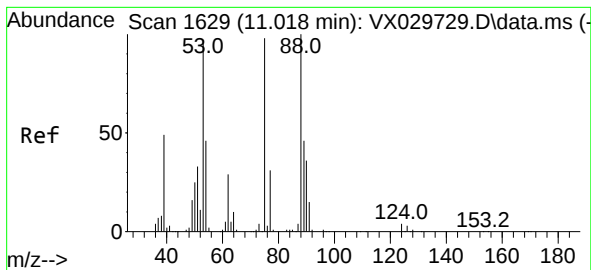
Tgt Ion:152 Resp: 168196
 Ion Ratio Lower Upper
 152 100
 115 62.0 37.5 112.7
 150 155.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.644 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029755.D
 Acq: 23 Jun 2022 19:34

Tgt Ion: 75 Resp: 82972
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#

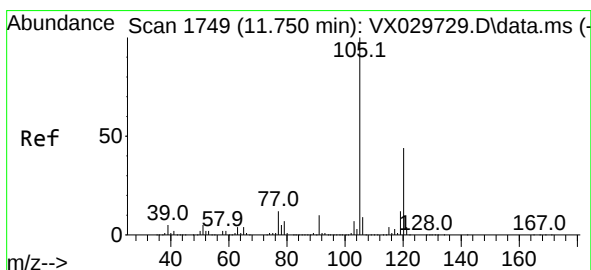
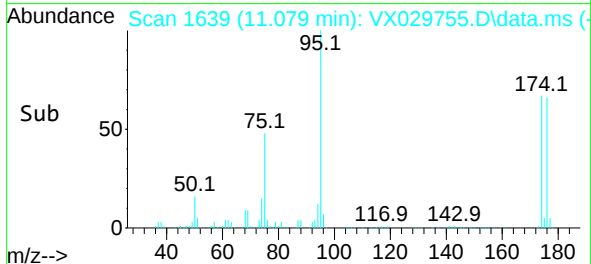
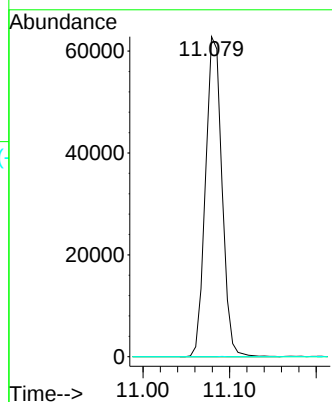
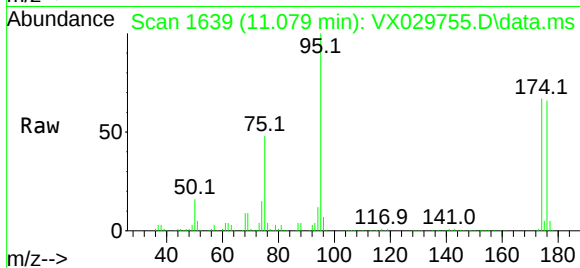




#81
trans-1,4-Dichloro-2-butene
Concen: 75.332 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

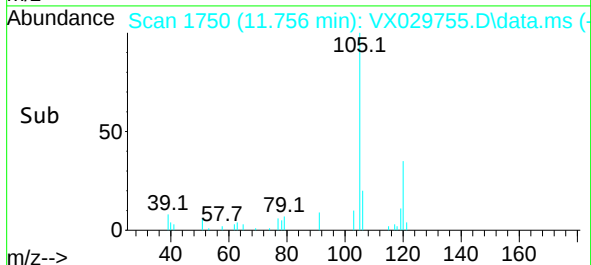
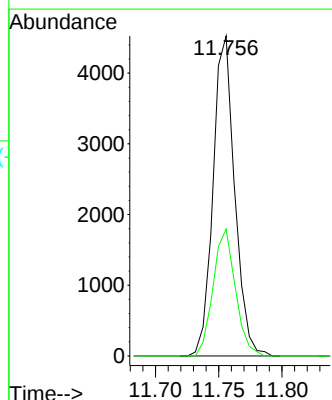
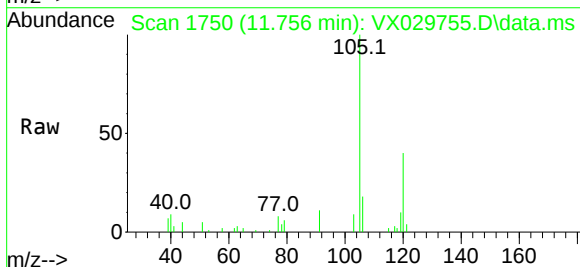
Instrument :
MSVOA_X
ClientSampleId :
TW-21D

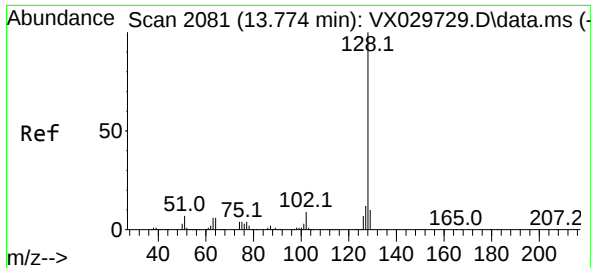
Tgt Ion: 75 Resp: 82972
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.507 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

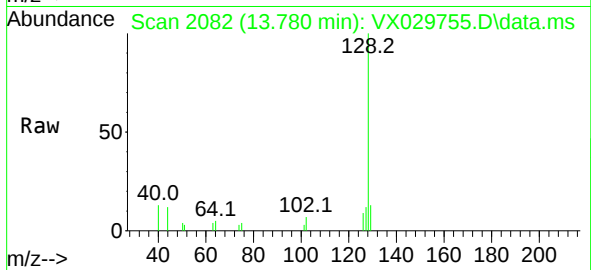
Tgt Ion: 105 Resp: 5370
Ion Ratio Lower Upper
105 100
120 40.8 22.6 67.8





#95
Naphthalene
Concen: 0.223 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029755.D
Acq: 23 Jun 2022 19:34

Instrument :
MSVOA_X
ClientSampleId :
TW-21D



Tgt Ion:	128	Resp:	2633
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.4
129	10.6	8.7	13.1

