

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027614.D
 Acq On : 22 Mar 2022 15:06
 Operator : JC/MD
 Sample : N2026-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 23 01:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

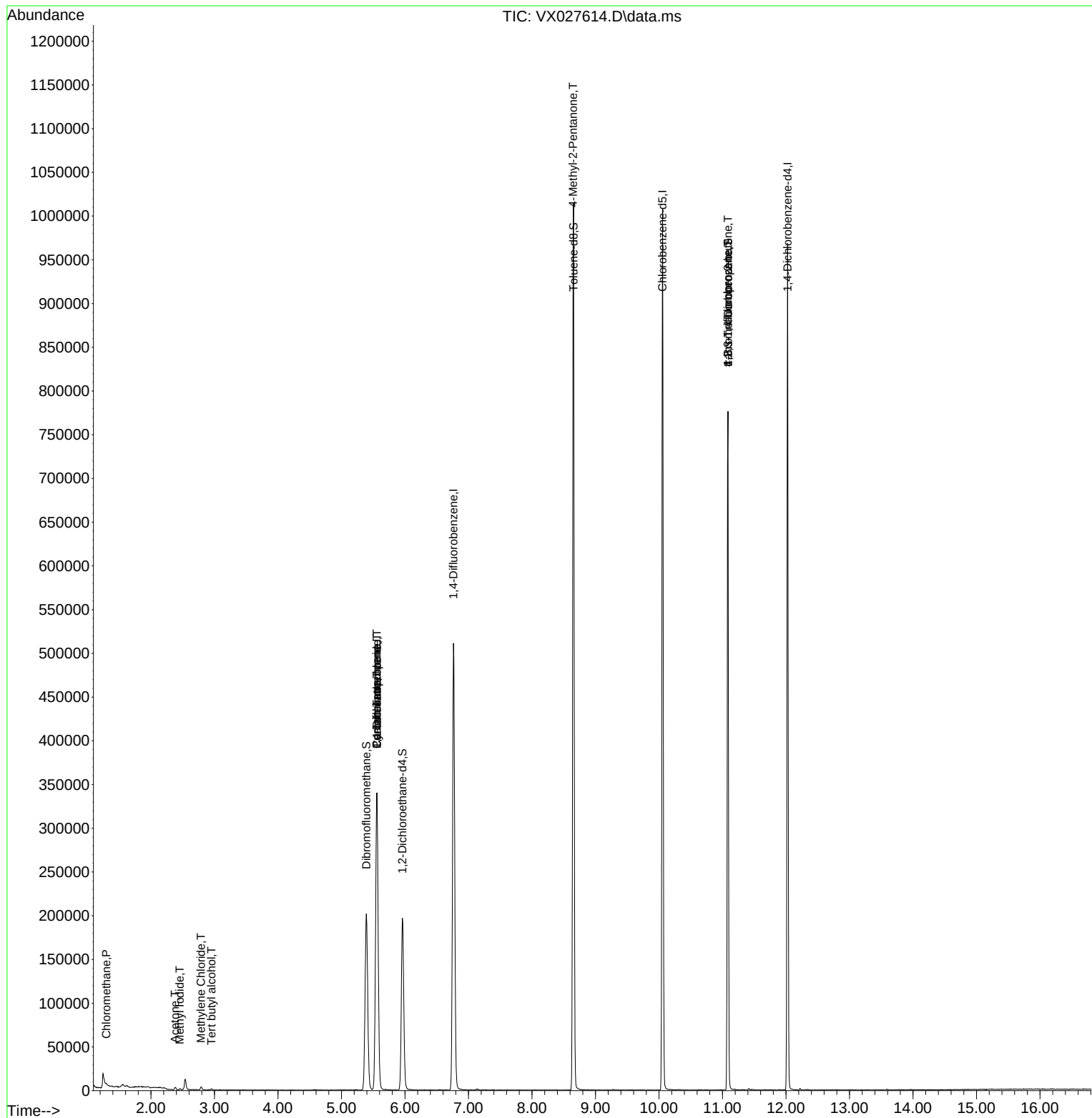
Internal Standards						
1) Pentafluorobenzene	5.556	168	346015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	554020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	483389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191419	44.907	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.820%
35) Dibromofluoromethane	5.391	113	180027	50.506	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.020%
50) Toluene-d8	8.653	98	638321	47.324	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.640%
62) 4-Bromofluorobenzene	11.085	95	214939	43.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	611	0.207	ug/l #	83
5) Bromomethane	1.612	94	917	Below Cal	#	65
10) Methyl Iodide	2.453	142	1422	0.321	ug/l	97
11) Tert butyl alcohol	2.953	59	646	0.795	ug/l #	72
16) Acetone	2.380	43	3047	1.754	ug/l	91
20) Methylene Chloride	2.788	84	1758	0.471	ug/l	84
31) Cyclohexane	5.556	56	5295	1.000	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22641	4.648	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32859	5.896	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2287	0.459	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	99523	22.782	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	99523	69.190	ug/l #	15

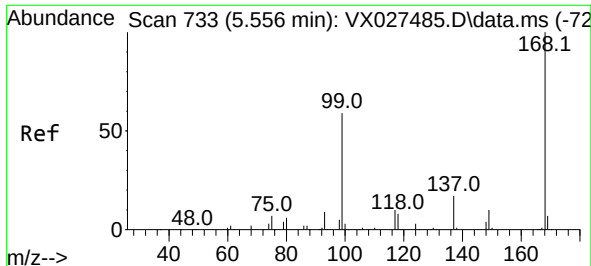
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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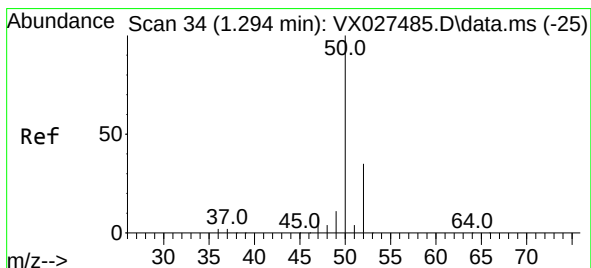
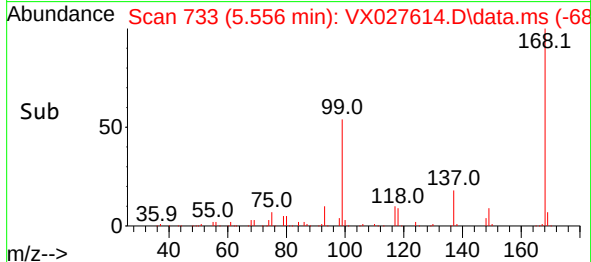
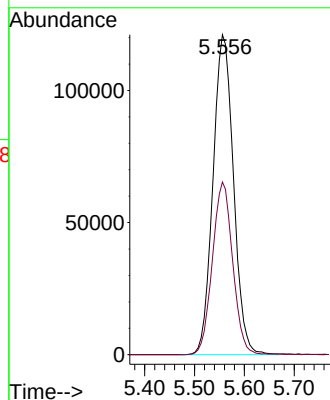
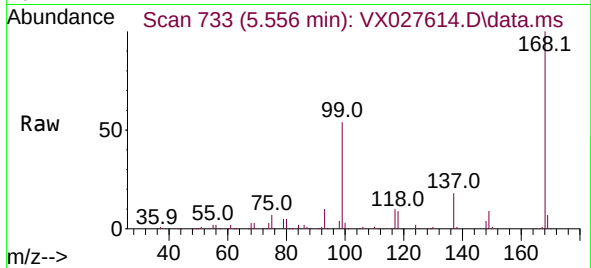




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

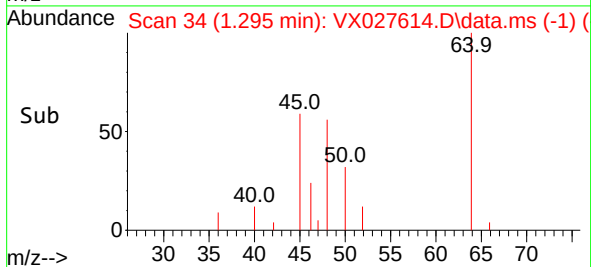
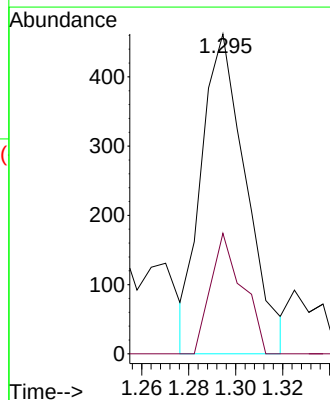
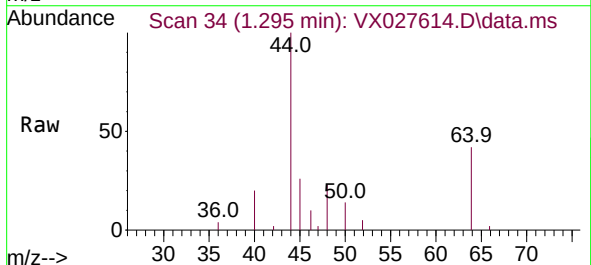
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

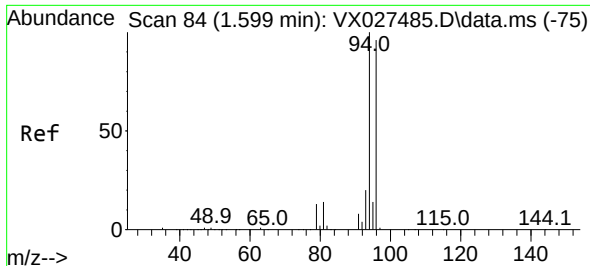
Tgt Ion:168 Resp: 346015
Ion Ratio Lower Upper
168 100
99 54.0 41.7 62.5



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

Tgt Ion: 50 Resp: 611
Ion Ratio Lower Upper
50 100
52 42.6 26.4 39.6#

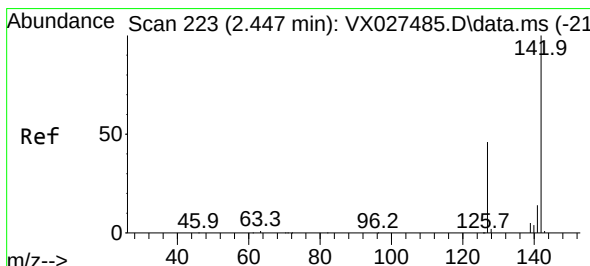
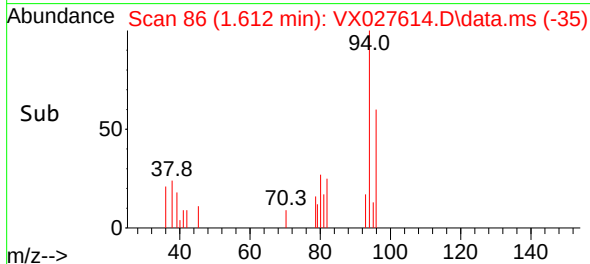
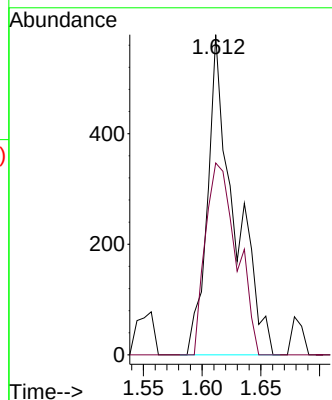
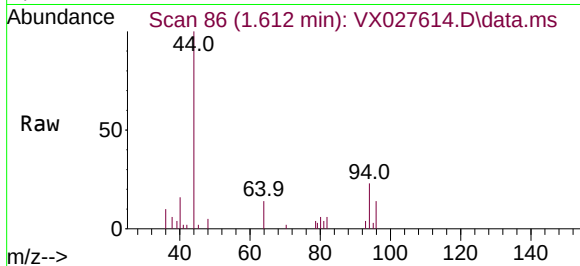




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

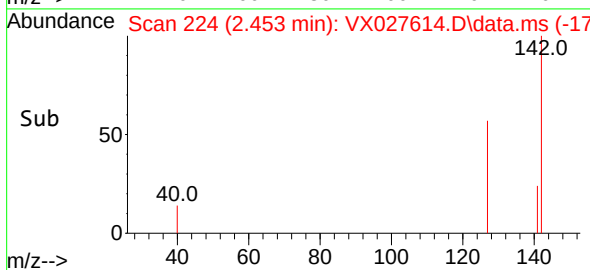
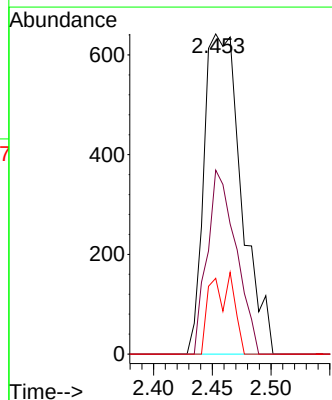
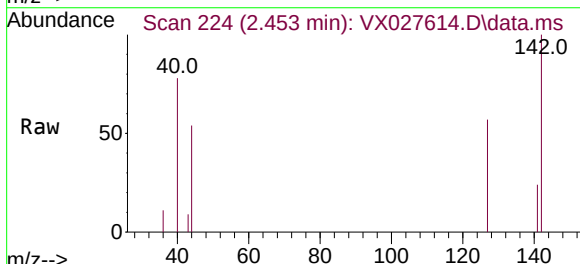
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

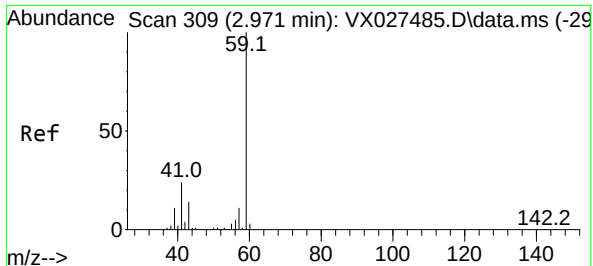
Tgt Ion: 94 Resp: 917
Ion Ratio Lower Upper
94 100
96 59.9 75.3 112.9#



#10
Methyl Iodide
Concen: 0.321 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

Tgt Ion: 142 Resp: 1422
Ion Ratio Lower Upper
142 100
127 44.3 33.9 50.9
141 15.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 0.795 ug/l

RT: 2.953 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX027614.D

Acq: 22 Mar 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

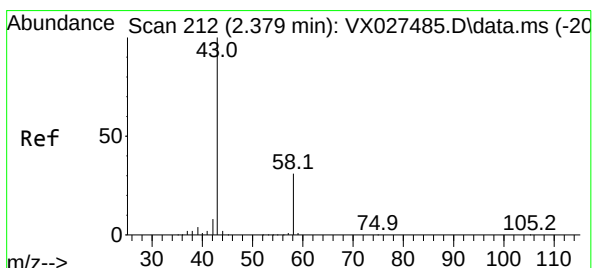
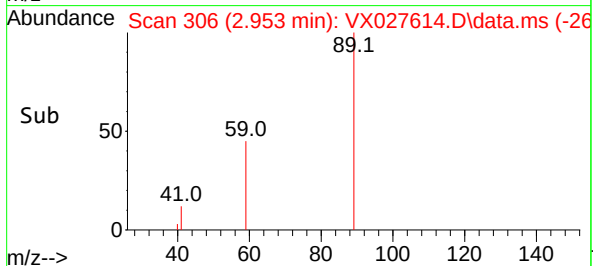
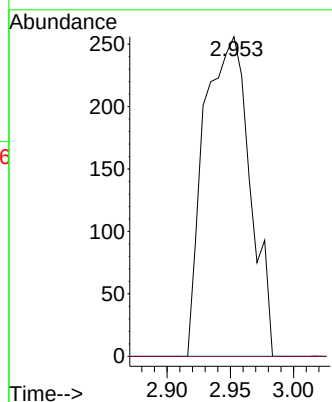
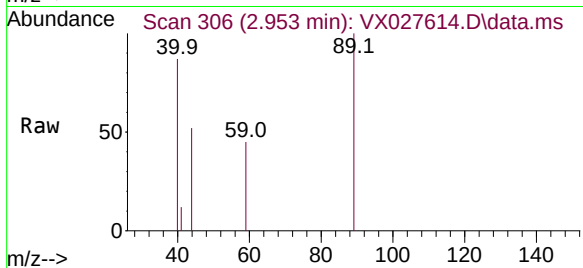
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 59 Resp: 646

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.754 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027614.D

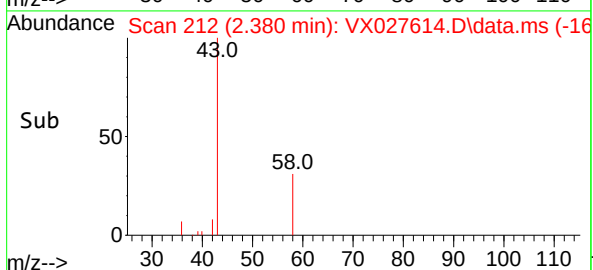
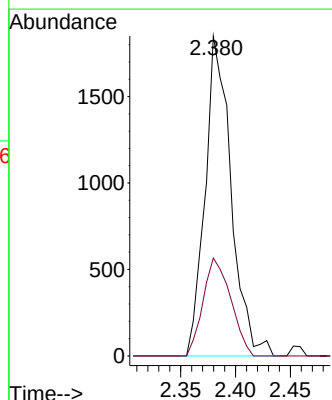
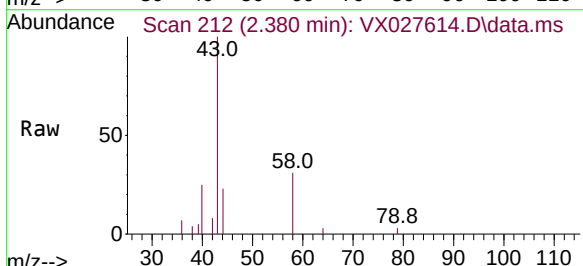
Acq: 22 Mar 2022 15:06

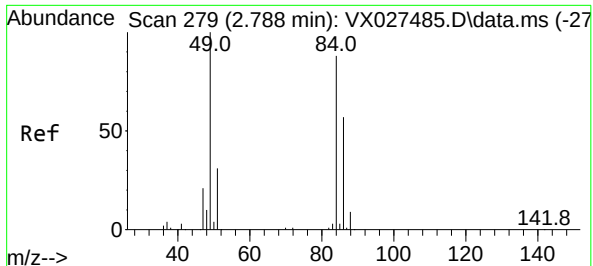
Tgt Ion: 43 Resp: 3047

Ion Ratio Lower Upper

43 100

58 30.6 28.8 43.2

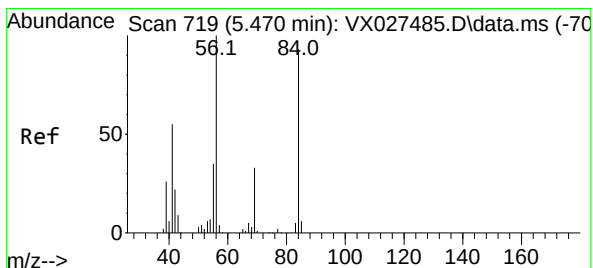
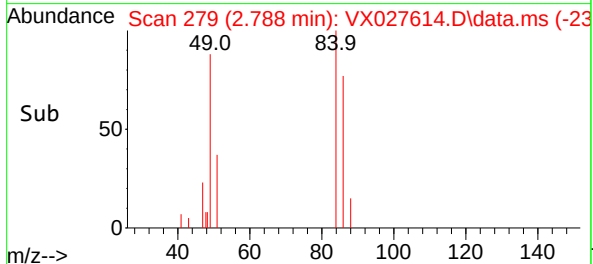
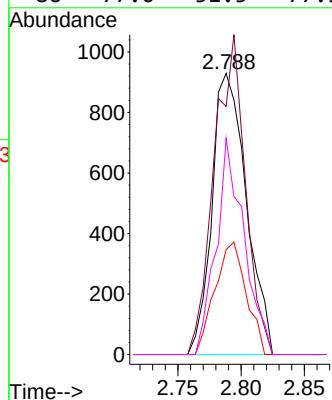
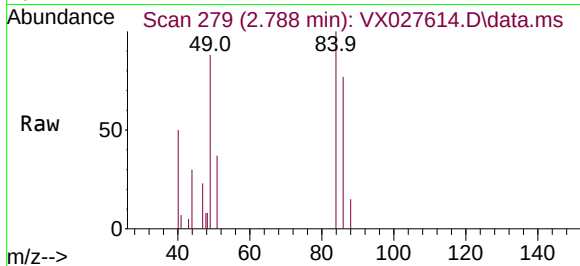




#20
Methylene Chloride
Concen: 0.471 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

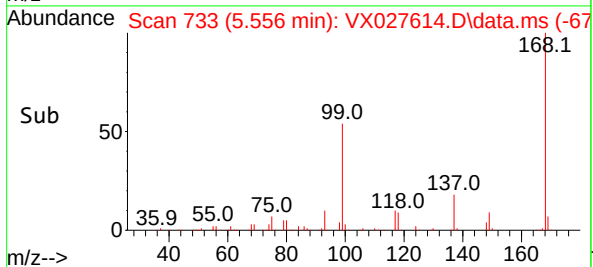
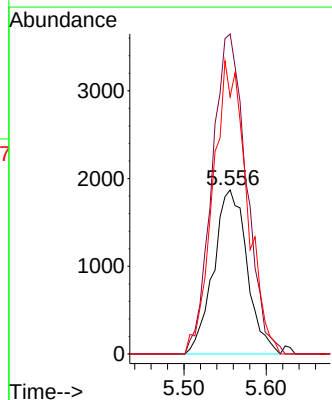
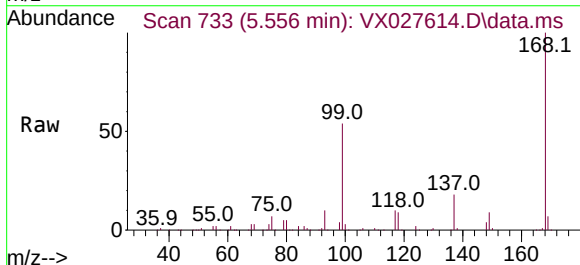
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

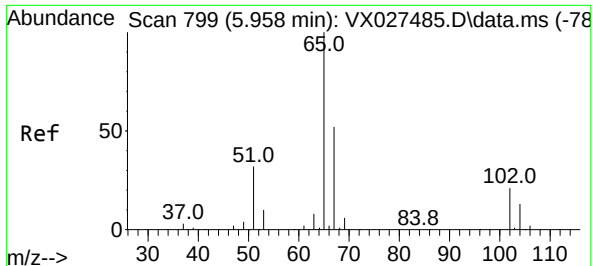
Tgt Ion:	84	Resp:	1758
Ion	Ratio	Lower	Upper
84	100		
49	88.3	85.5	128.3
51	37.4	26.6	39.8
86	77.0	51.5	77.3



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

Tgt Ion:	56	Resp:	5295
Ion	Ratio	Lower	Upper
56	100		
69	195.1	26.7	40.1#
84	156.9	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 44.907 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027614.D

Acq: 22 Mar 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

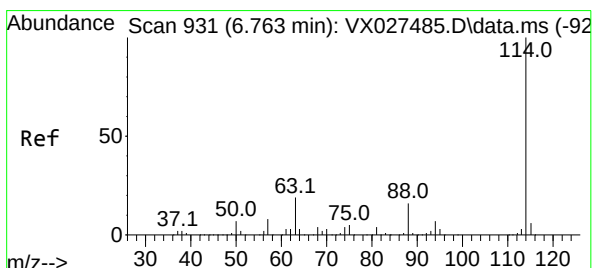
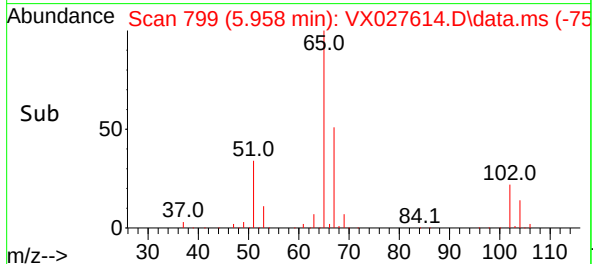
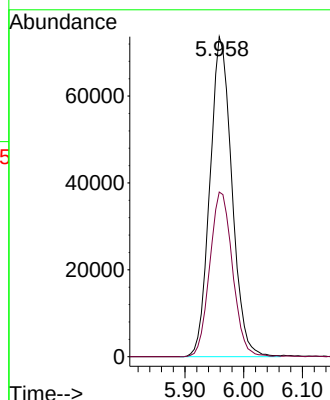
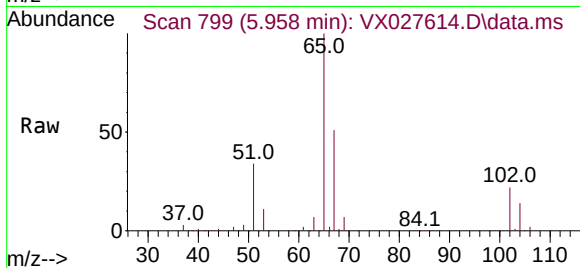
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 191419

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027614.D

Acq: 22 Mar 2022 15:06

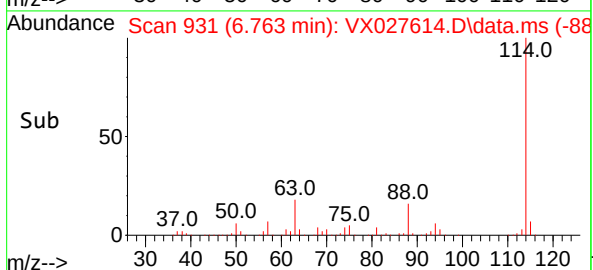
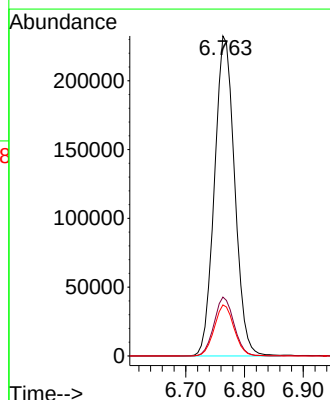
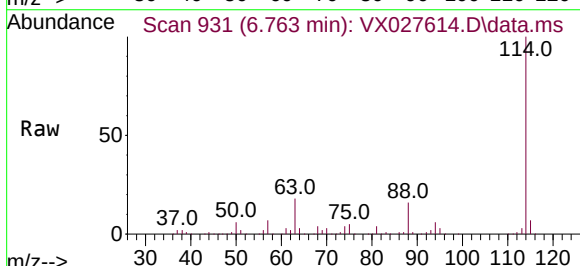
Tgt Ion: 114 Resp: 554020

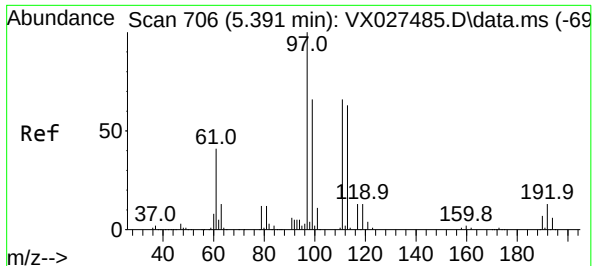
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.506 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027614.D

Acq: 22 Mar 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

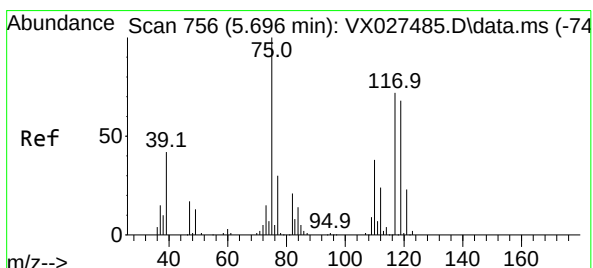
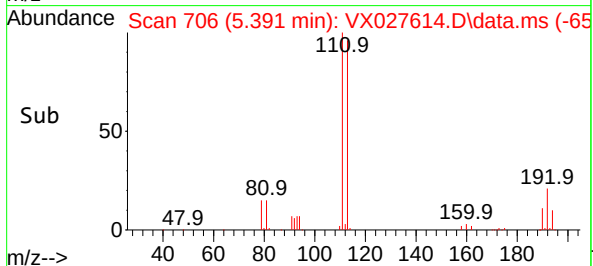
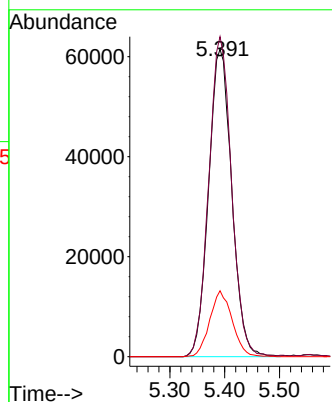
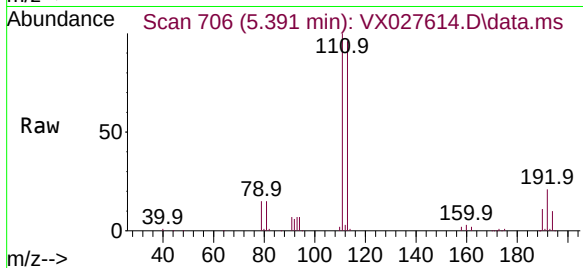
Tgt Ion:113 Resp: 180027

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 20.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.648 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027614.D

Acq: 22 Mar 2022 15:06

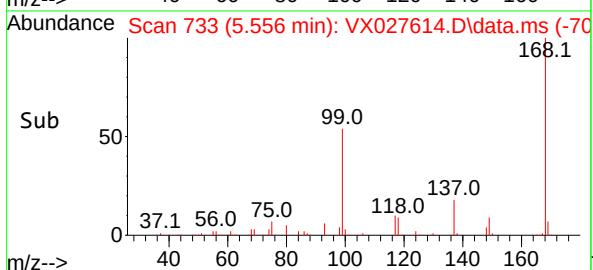
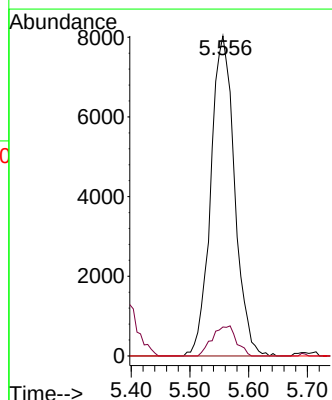
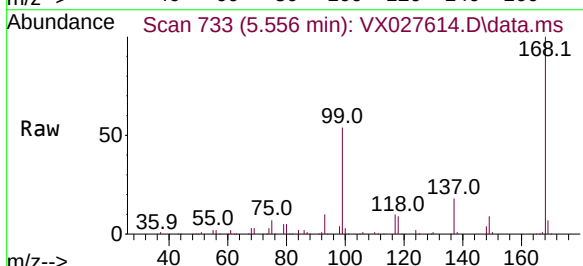
Tgt Ion: 75 Resp: 22641

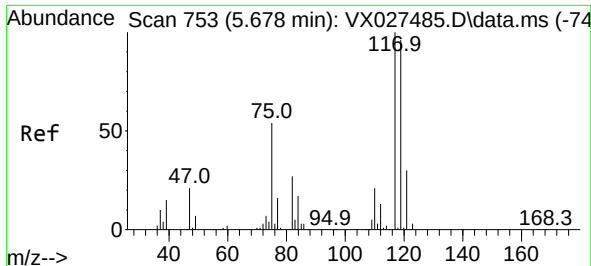
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

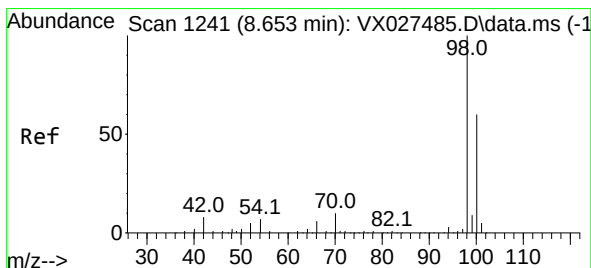
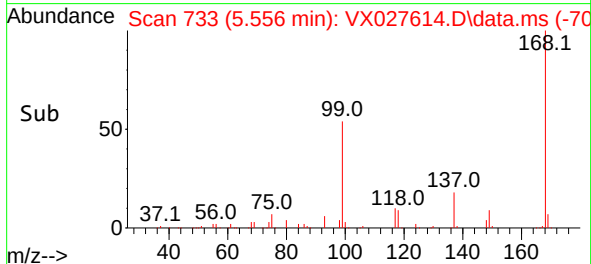
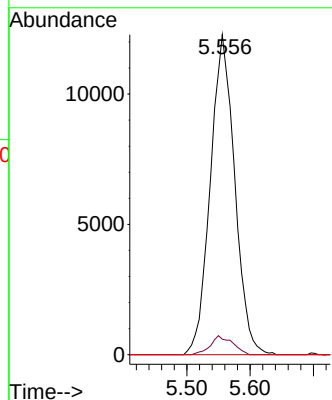
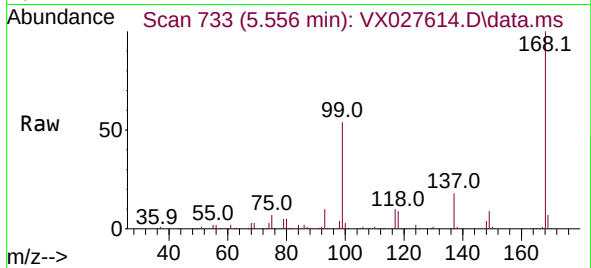




#38
Carbon Tetrachloride
Concen: 5.896 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

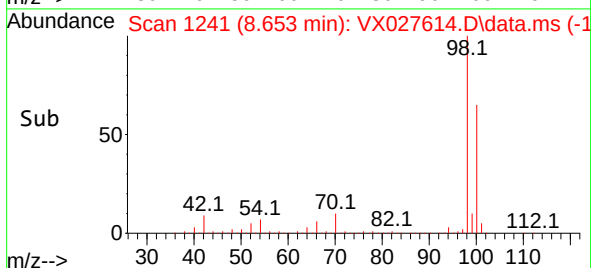
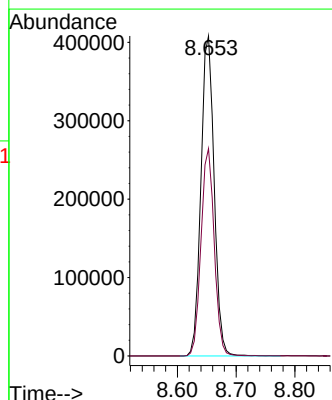
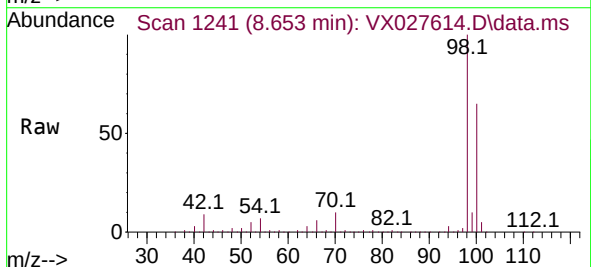
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

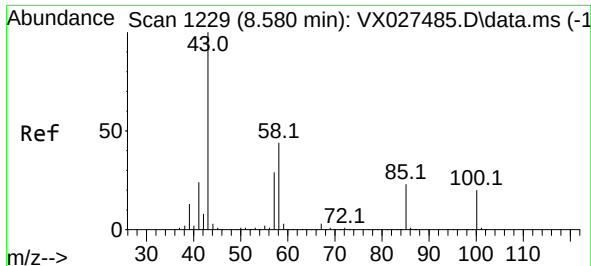
Tgt Ion:117 Resp: 32859
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.324 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

Tgt Ion: 98 Resp: 638321
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.459 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX027614.D

Acq: 22 Mar 2022 15:06

Instrument :

MSVOA_X

ClientSampleId :

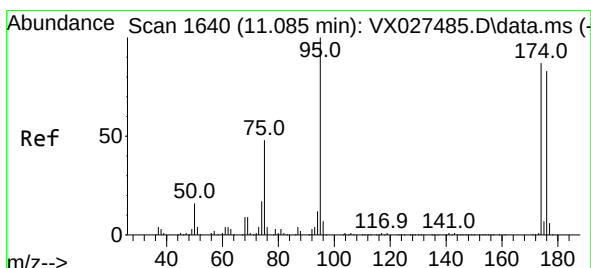
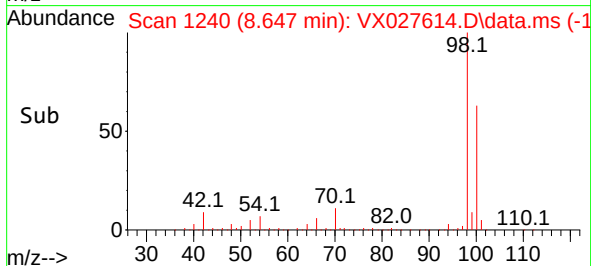
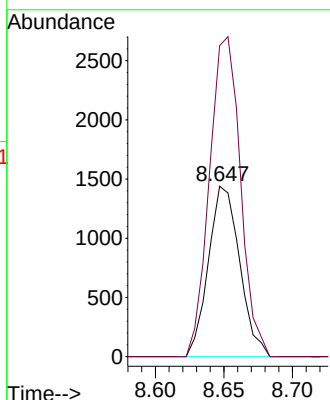
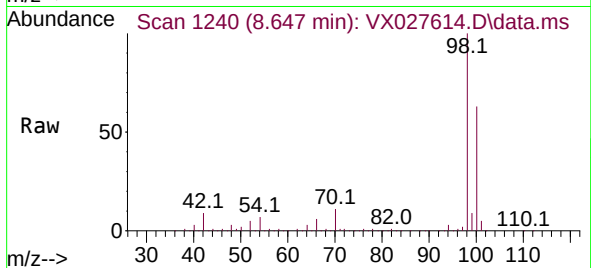
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 2287

Ion Ratio Lower Upper

43 100

58 186.4 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 43.355 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027614.D

Acq: 22 Mar 2022 15:06

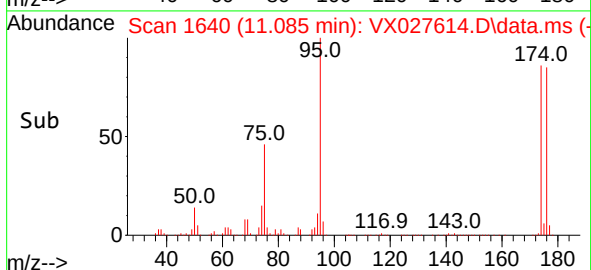
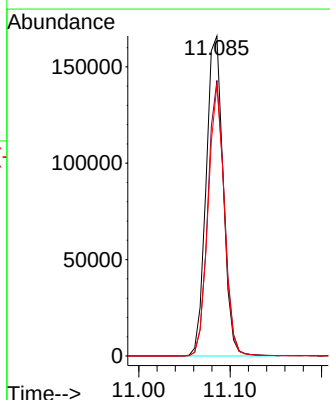
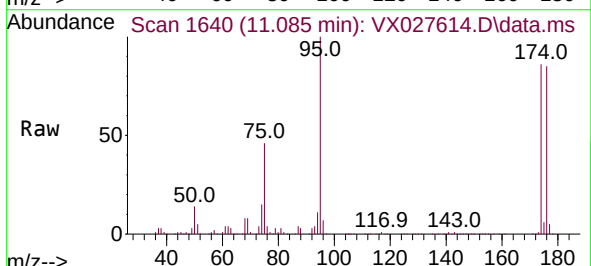
Tgt Ion: 95 Resp: 214939

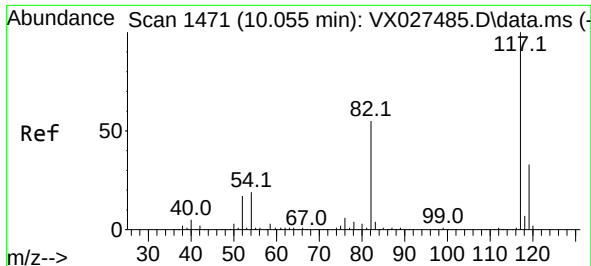
Ion Ratio Lower Upper

95 100

174 83.4 0.0 163.0

176 80.6 0.0 155.0

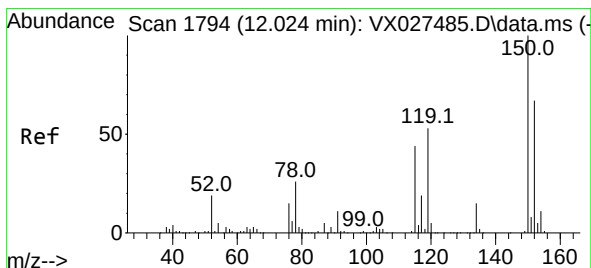
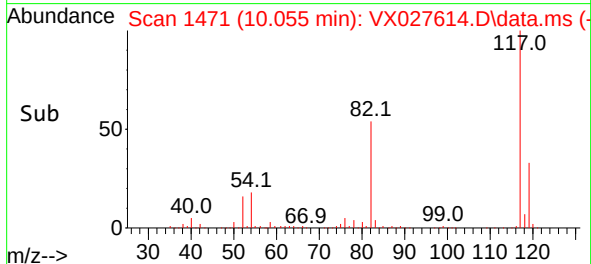
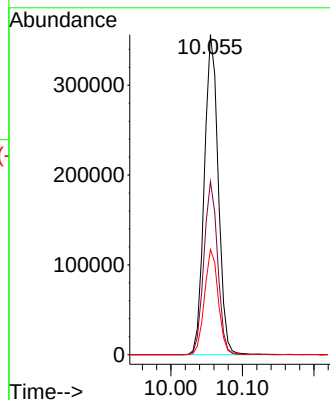
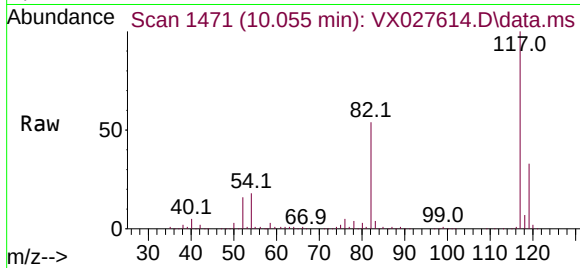




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

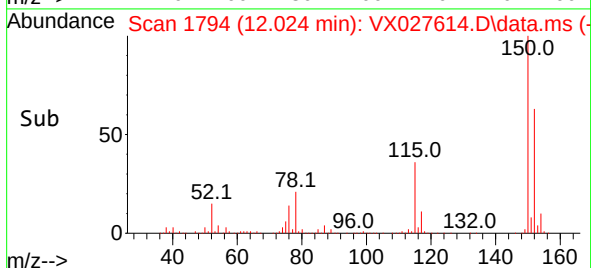
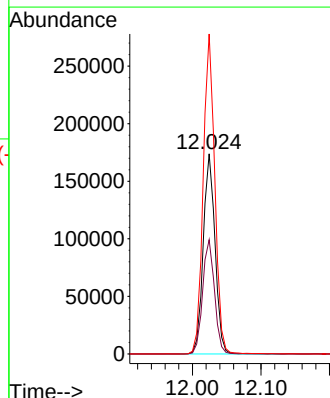
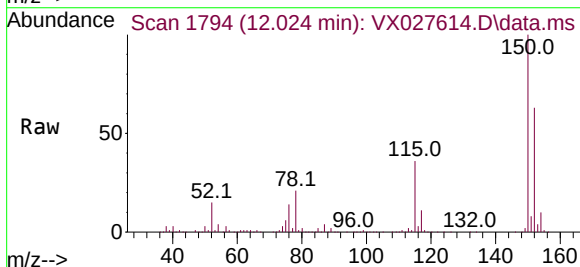
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

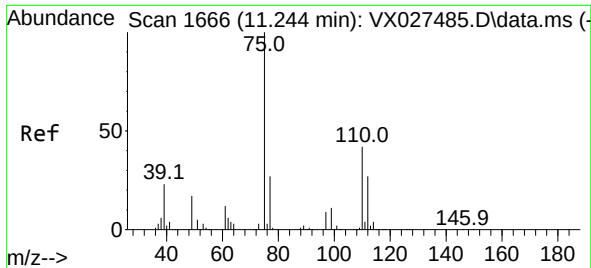
Tgt Ion:117 Resp: 483389
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

Tgt Ion:152 Resp: 208853
Ion Ratio Lower Upper
152 100
115 57.4 37.5 112.7
150 157.1 0.0 338.2

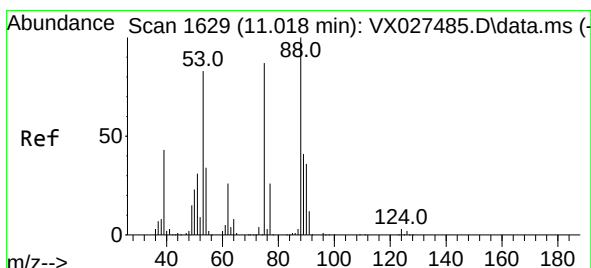
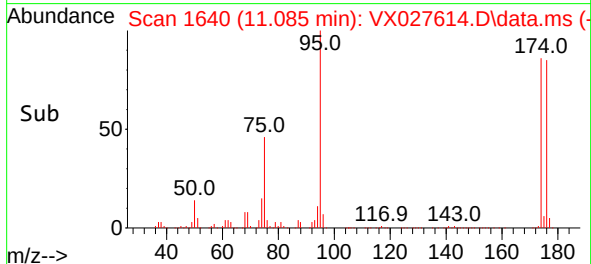
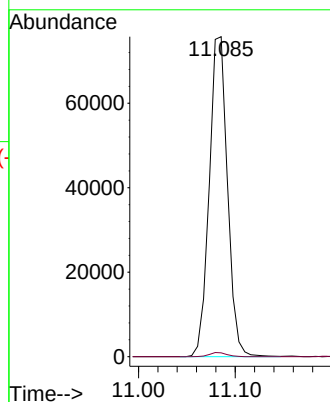
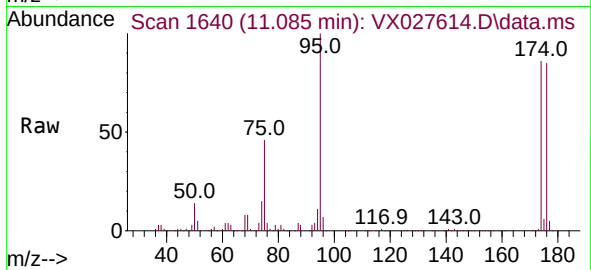




#76
1,2,3-Trichloropropane
Concen: 22.782 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 99523
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.190 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027614.D
Acq: 22 Mar 2022 15:06

Tgt Ion: 75 Resp: 99523
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

