

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027616.D
 Acq On : 22 Mar 2022 15:53
 Operator : JC/MD
 Sample : N2026-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 23 01:47:44 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)

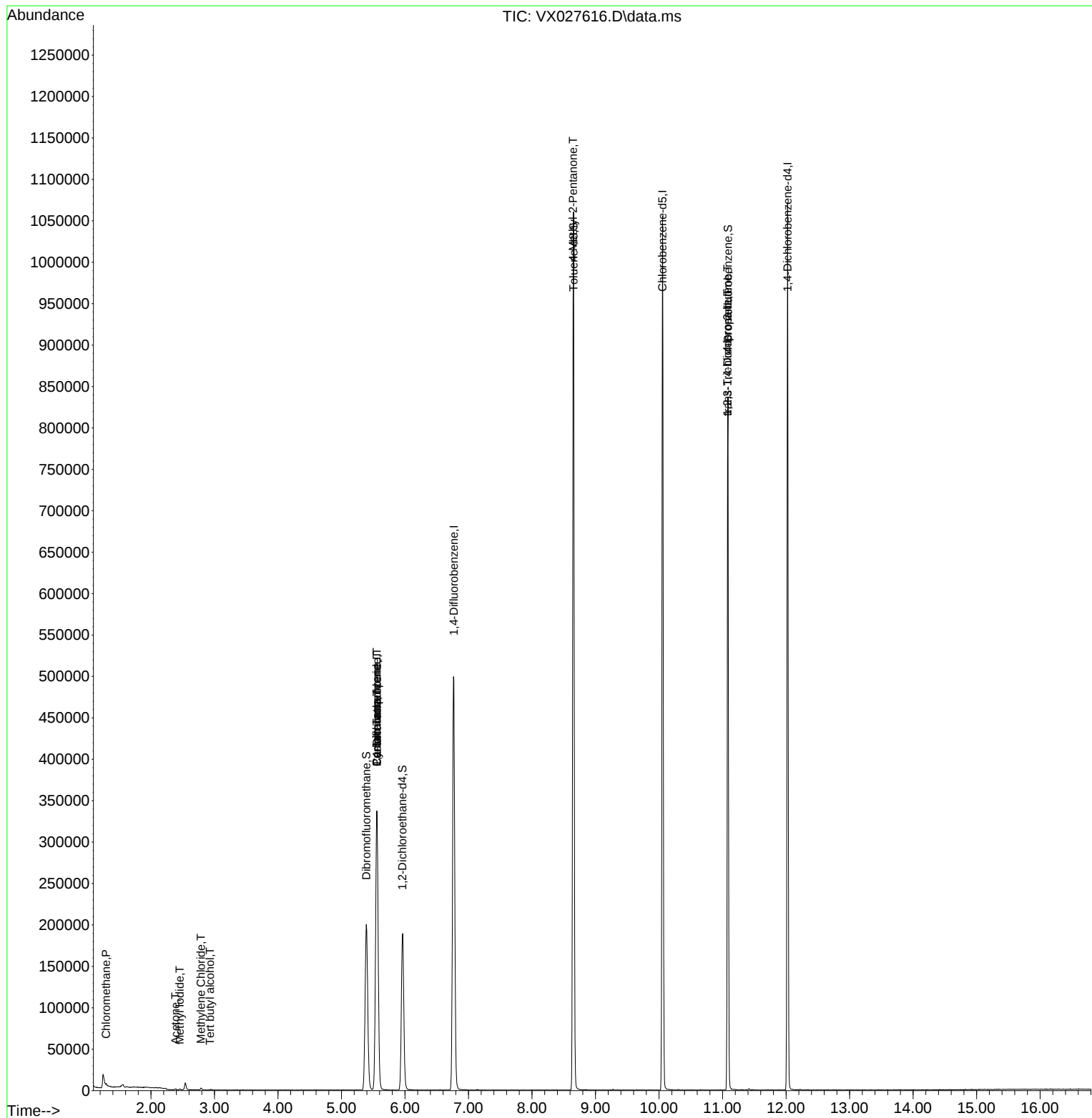
Internal Standards						
1) Pentafluorobenzene	5.556	168	346023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	558676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	502425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182946	42.918	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	85.840%
35) Dibromofluoromethane	5.391	113	180480	50.211	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.420%
50) Toluene-d8	8.653	98	649915	47.782	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.560%
62) 4-Bromofluorobenzene	11.085	95	226240	45.254	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	844	0.286	ug/l #	64
5) Bromomethane	1.624	94	693	Below Cal	#	79
10) Methyl Iodide	2.453	142	1076	0.243	ug/l #	96
11) Tert butyl alcohol	2.928	59	199	0.245	ug/l #	72
16) Acetone	2.386	43	1030	0.593	ug/l #	78
20) Methylene Chloride	2.788	84	1092	0.292	ug/l #	86
31) Cyclohexane	5.556	56	5492	1.038	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22411	4.562	ug/l #	50
38) Carbon Tetrachloride	5.556	117	32318	5.751	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2215	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	107278	22.714	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107278	68.984	ug/l #	15

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

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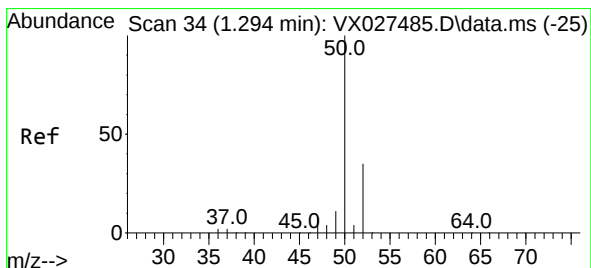
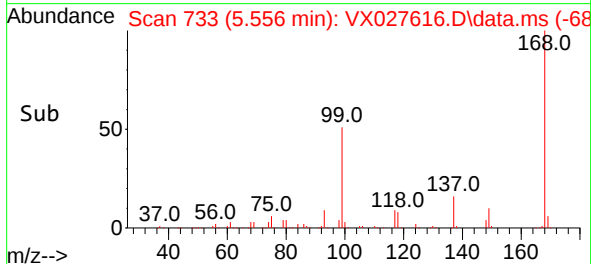
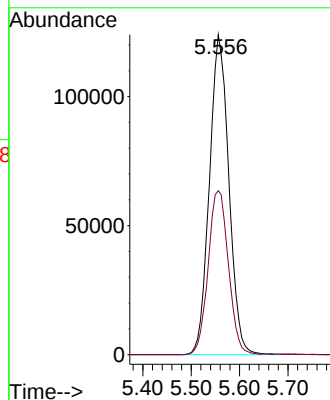
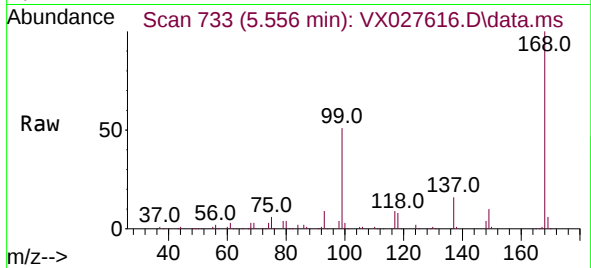




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

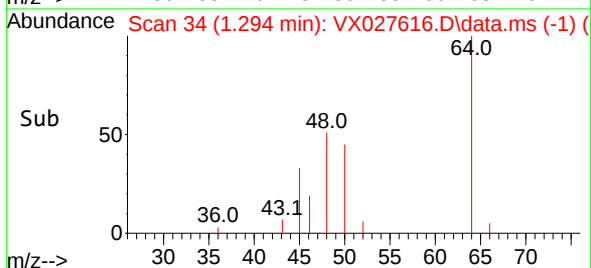
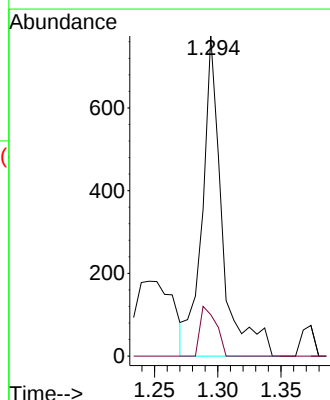
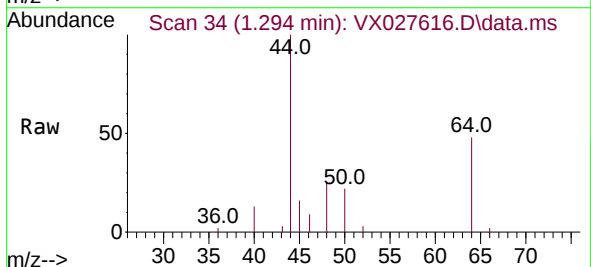
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

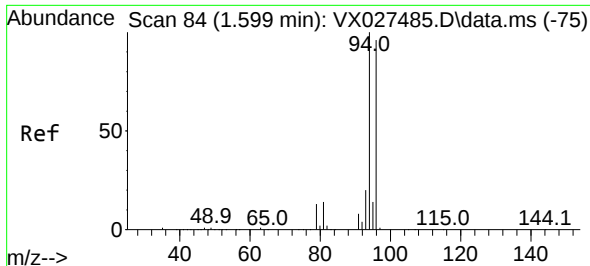
Tgt Ion:168 Resp: 346023
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#3
Chloromethane
Concen: 0.286 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Tgt Ion: 50 Resp: 844
Ion Ratio Lower Upper
50 100
52 12.9 26.4 39.6#

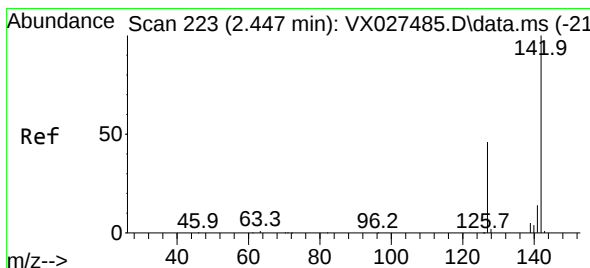
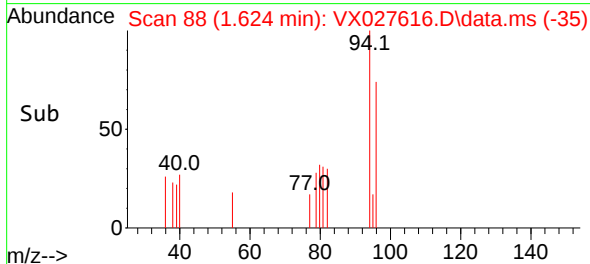
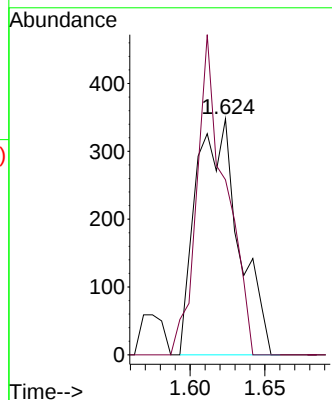
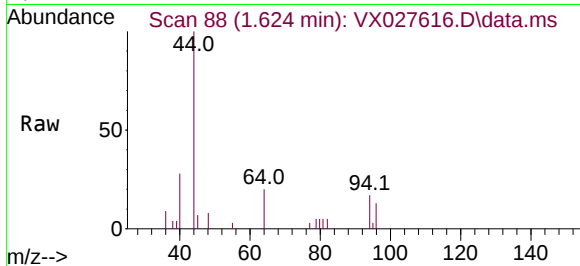




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

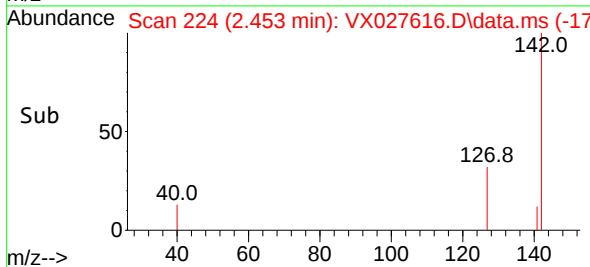
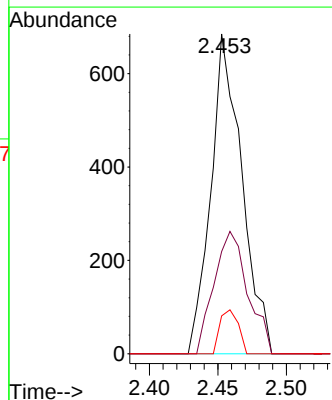
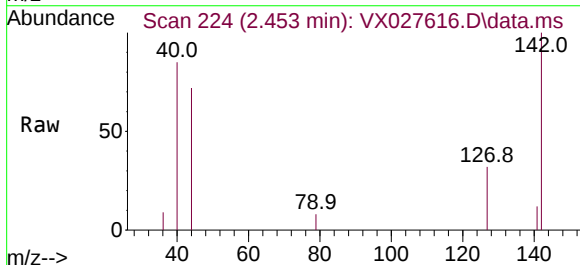
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

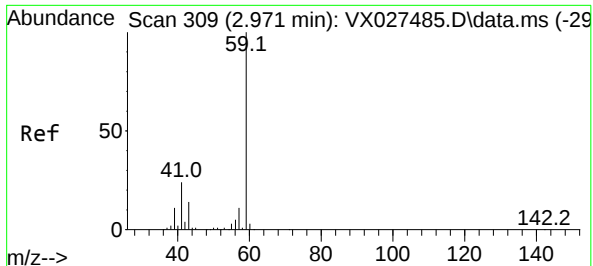
Tgt Ion: 94 Resp: 693
Ion Ratio Lower Upper
94 100
96 74.1 75.3 112.9#



#10
Methyl Iodide
Concen: 0.243 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Tgt Ion: 142 Resp: 1076
Ion Ratio Lower Upper
142 100
127 41.8 33.9 50.9
141 8.2 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.245 ug/l

RT: 2.928 min Scan# 309

Delta R.T. -0.043 min

Lab File: VX027616.D

Acq: 22 Mar 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

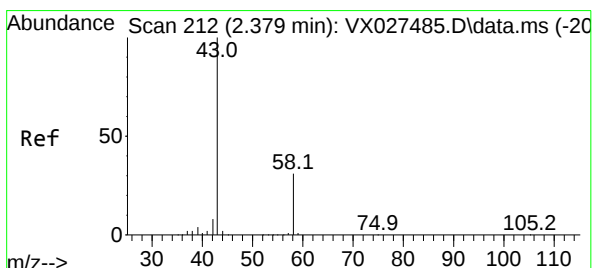
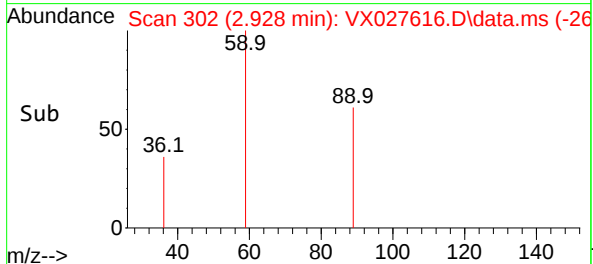
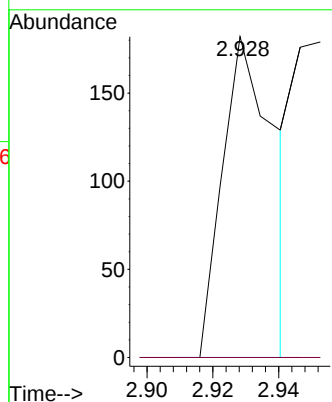
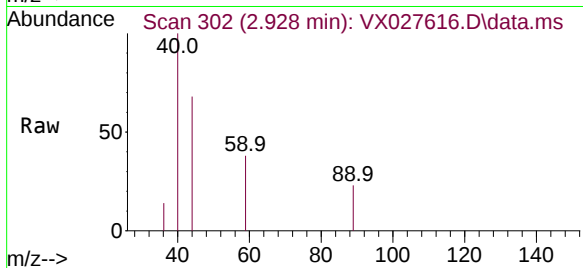
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 59 Resp: 199

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 0.593 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027616.D

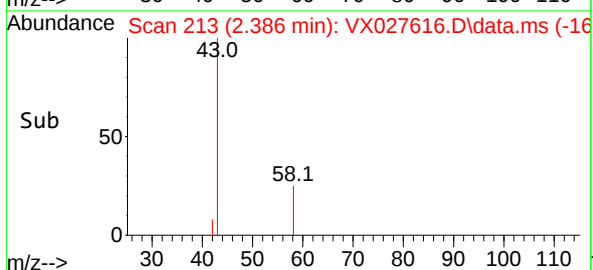
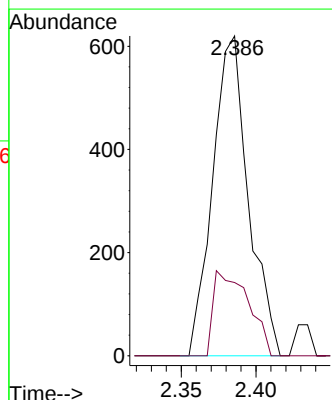
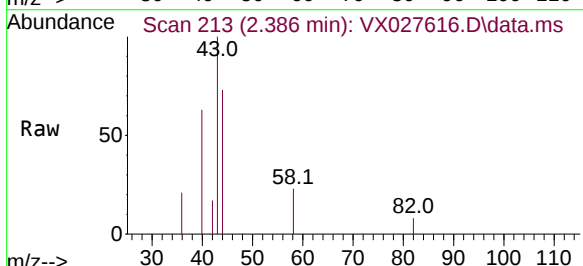
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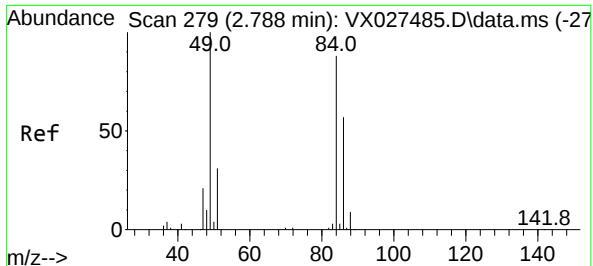
Tgt Ion: 43 Resp: 1030

Ion Ratio Lower Upper

43 100

58 22.9 28.8 43.2#

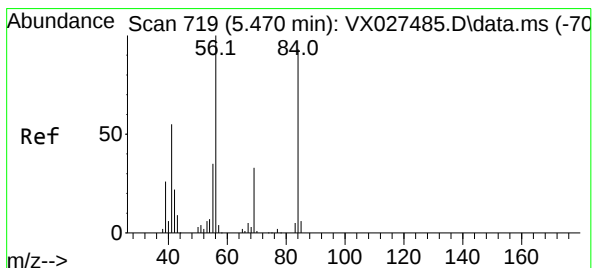
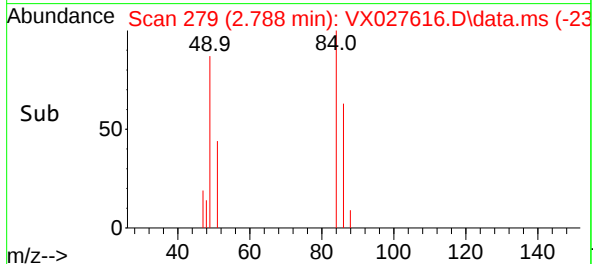
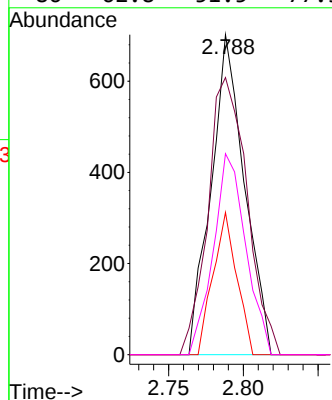
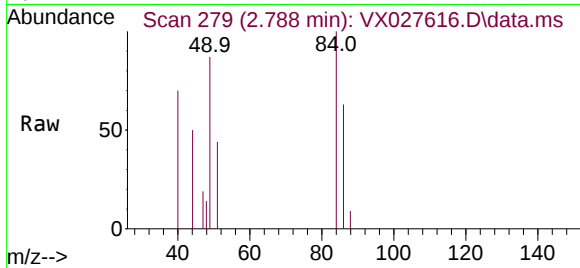




#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

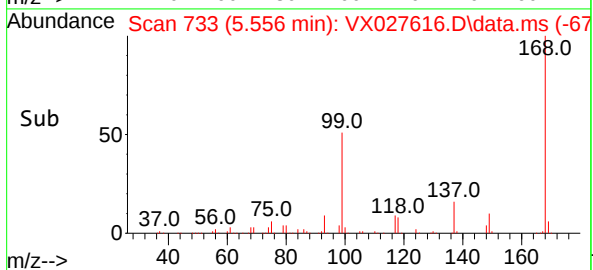
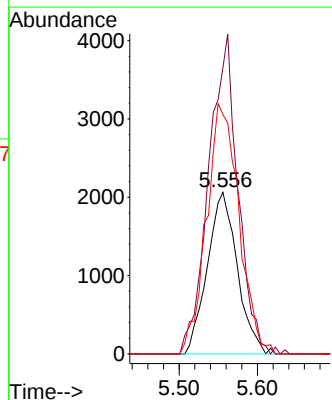
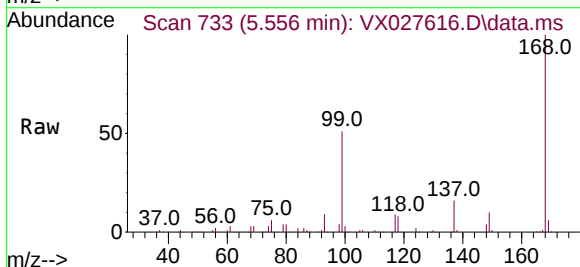
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

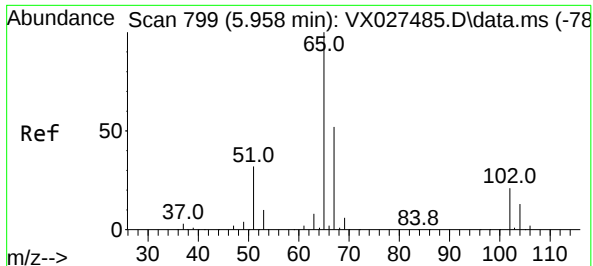
Tgt Ion:	84	Resp:	1092
Ion	Ratio	Lower	Upper
84	100		
49	86.6	85.5	128.3
51	44.4	26.6	39.8#
86	62.8	51.5	77.3



#31
Cyclohexane
Concen: 1.038 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Tgt Ion:	56	Resp:	5492
Ion	Ratio	Lower	Upper
56	100		
69	177.2	26.7	40.1#
84	148.1	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 42.918 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027616.D

Acq: 22 Mar 2022 15:53

Instrument :

MSVOA_X

ClientSampleId :

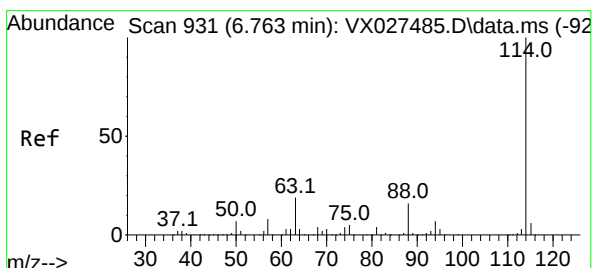
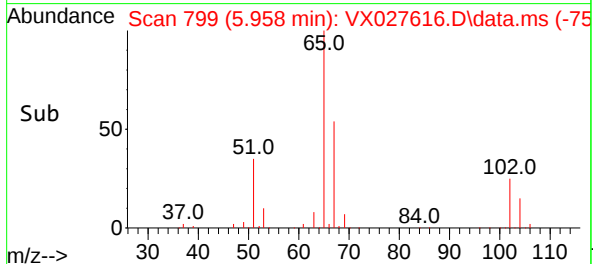
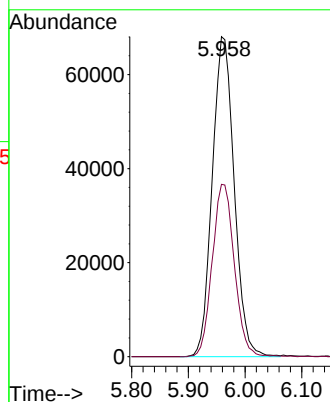
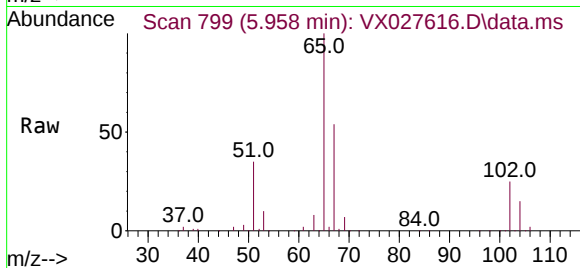
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 182946

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027616.D

Acq: 22 Mar 2022 15:53

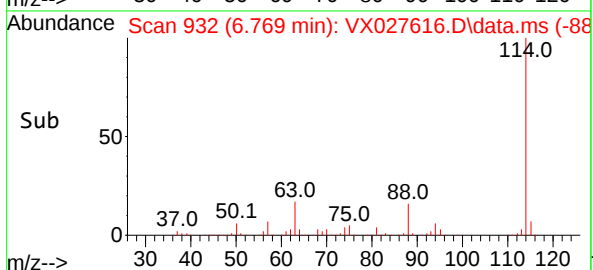
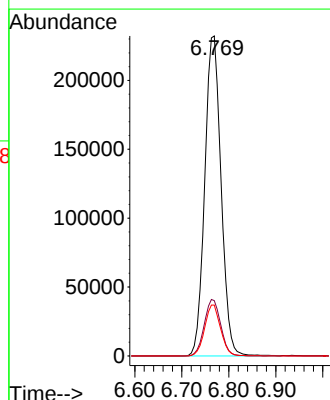
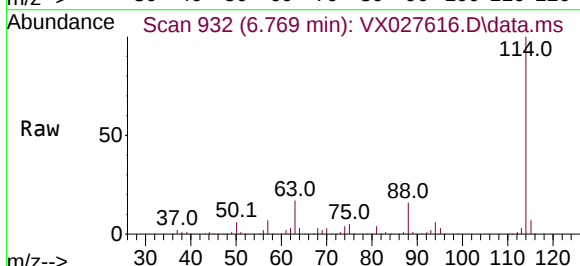
Tgt Ion: 114 Resp: 558676

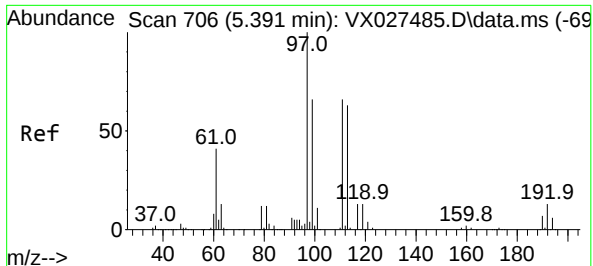
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

88 15.9 0.0 32.4

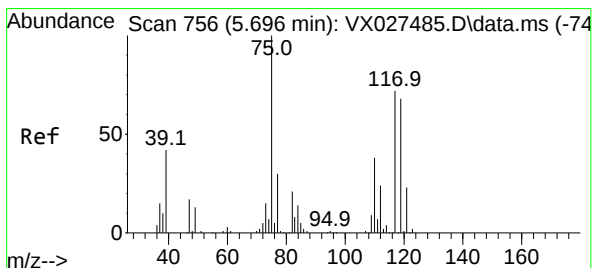
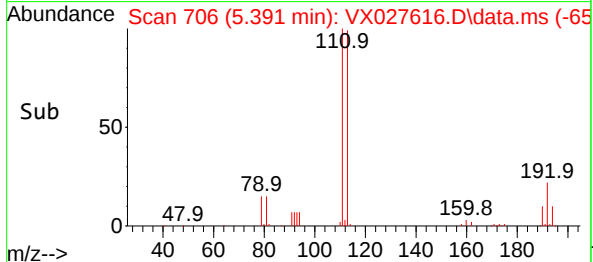
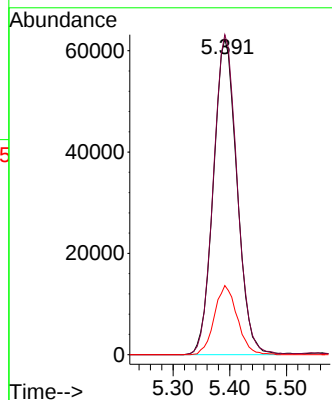
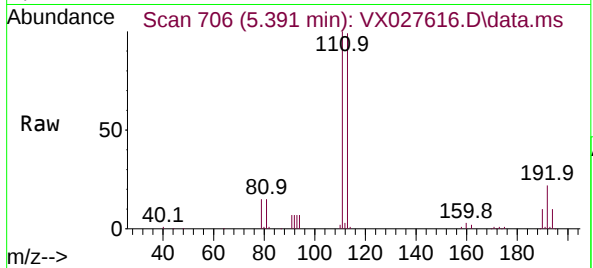




#35
Dibromofluoromethane
Concen: 50.211 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

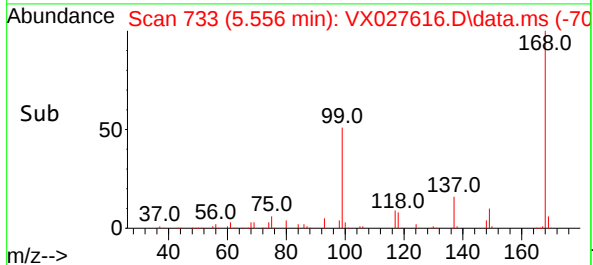
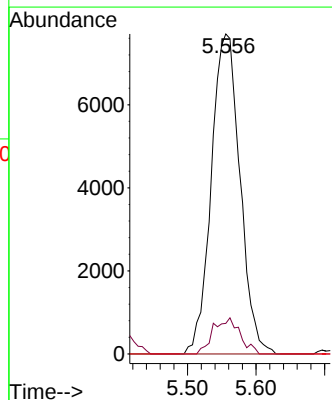
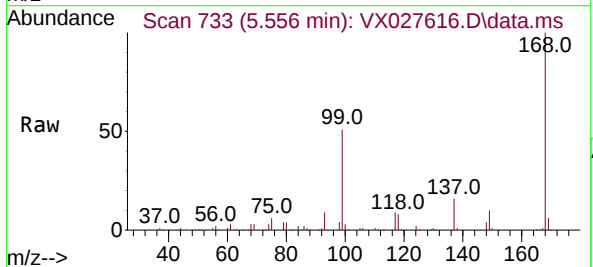
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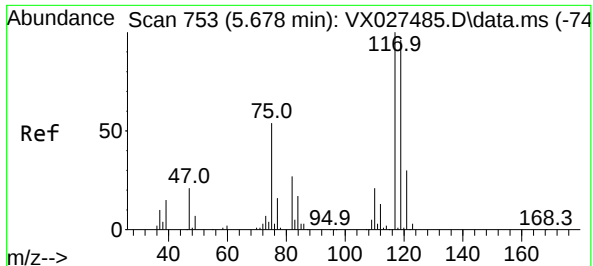
Tgt Ion:113 Resp: 180480
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Tgt Ion: 75 Resp: 22411
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.0 24.8 37.2#

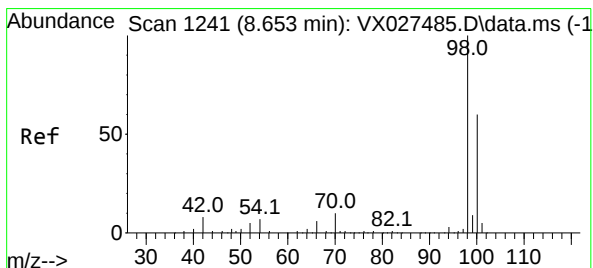
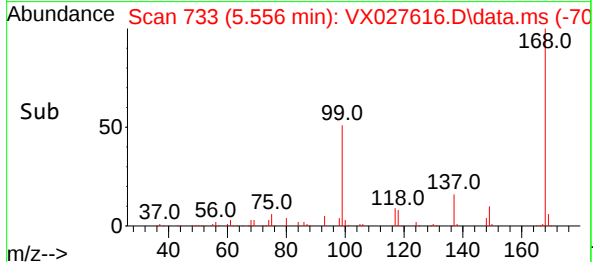
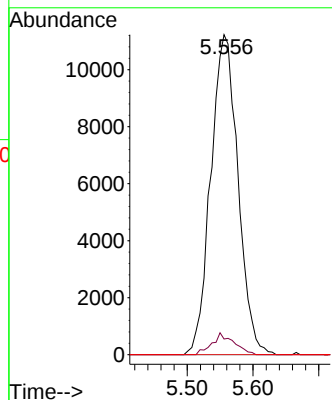
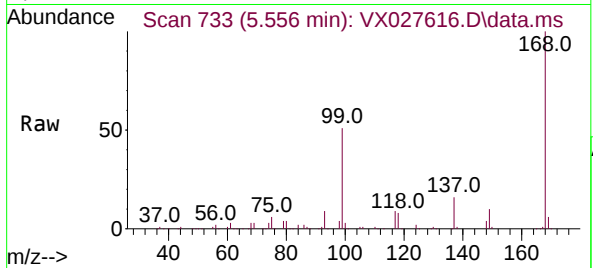




#38
Carbon Tetrachloride
Concen: 5.751 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

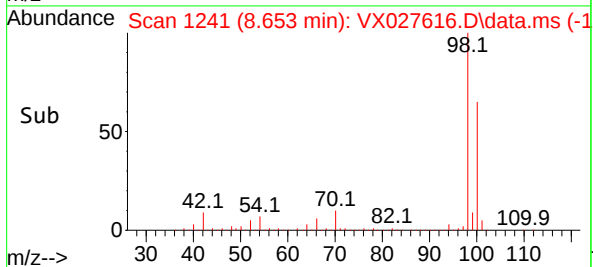
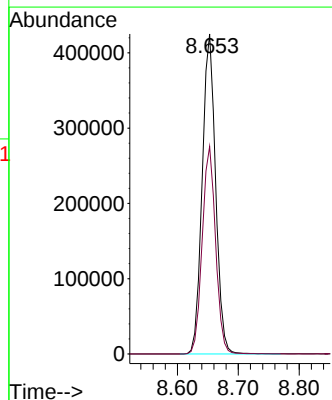
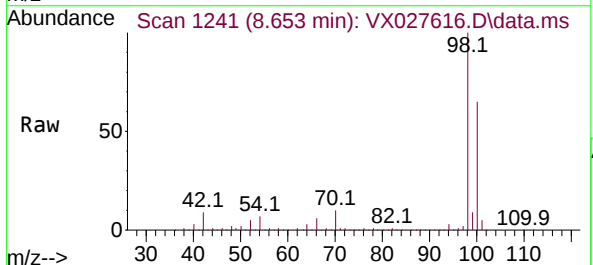
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

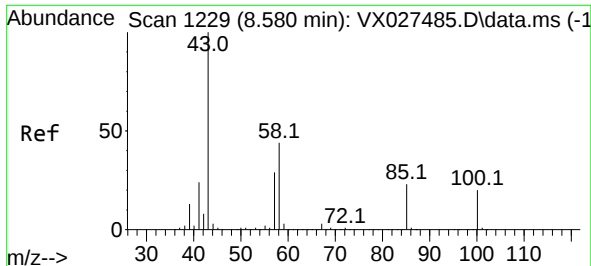
Tgt Ion:117 Resp: 32318
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.782 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Tgt Ion: 98 Resp: 649915
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

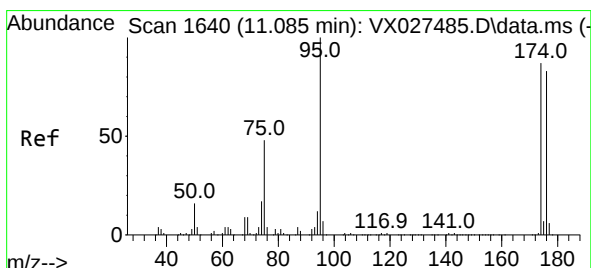
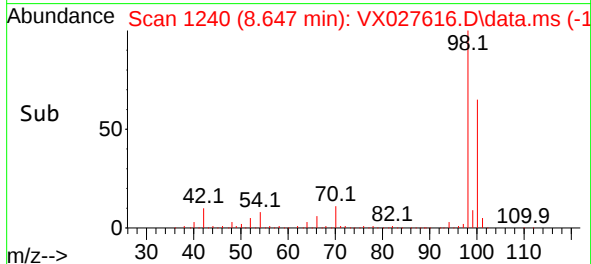
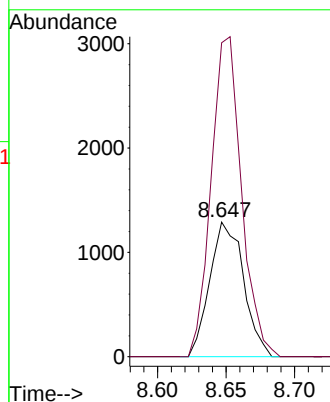
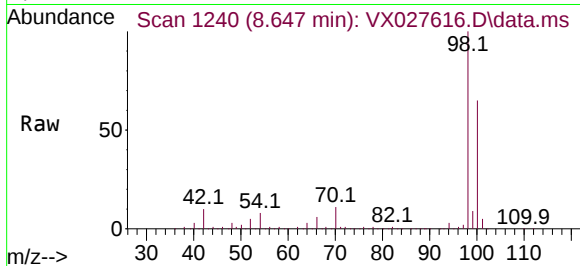




#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

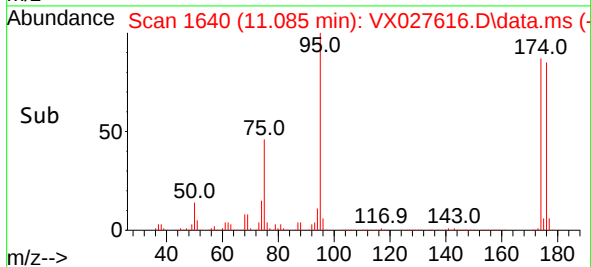
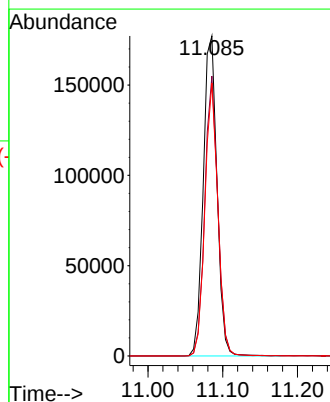
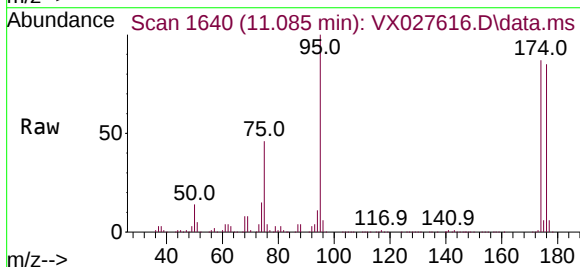
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

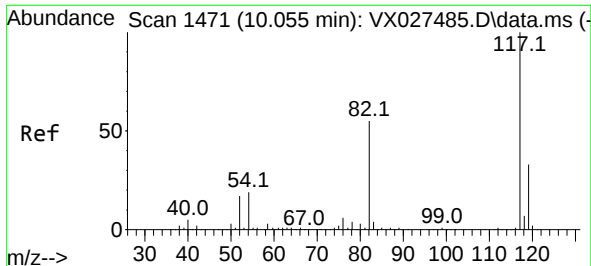
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
58 213.0 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 45.254 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Tgt Ion: 95 Resp: 226240
Ion Ratio Lower Upper
95 100
174 82.7 0.0 163.0
176 80.7 0.0 155.0

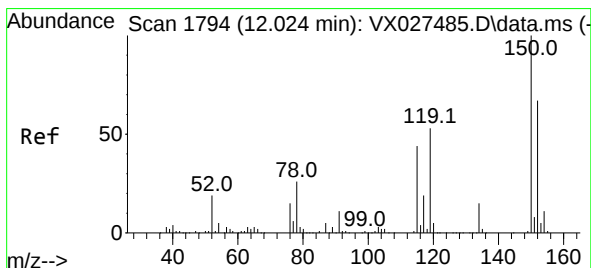
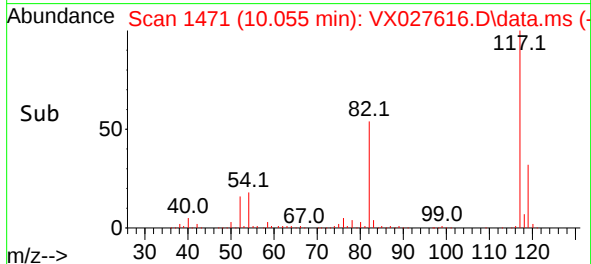
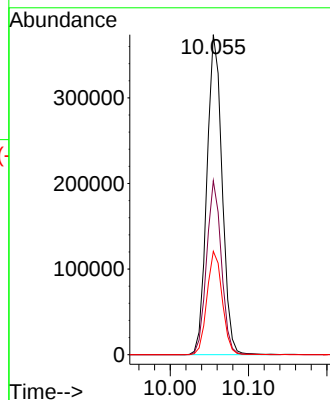
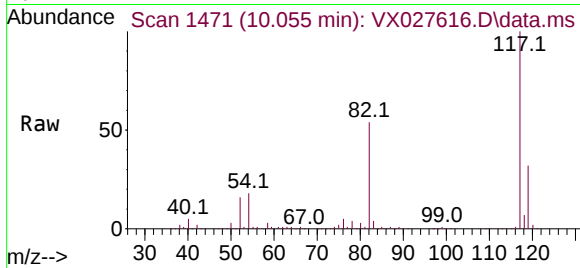




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

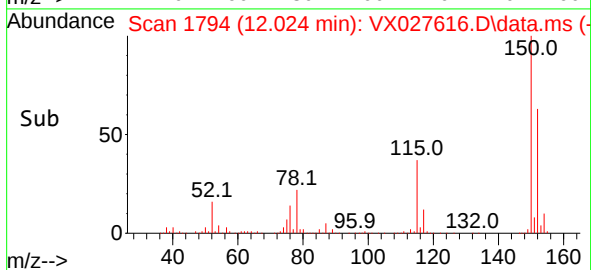
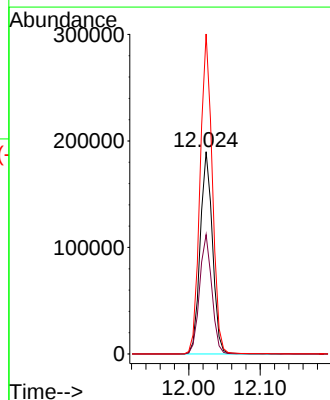
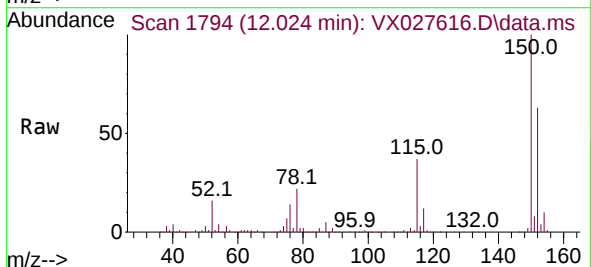
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

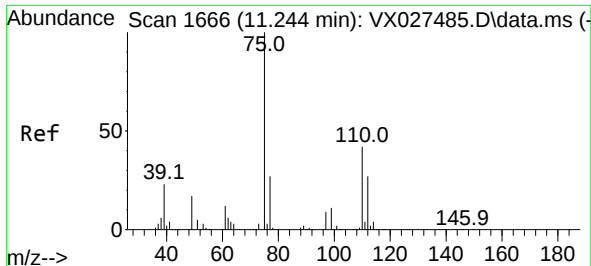
Tgt Ion:117 Resp: 502425
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Tgt Ion:152 Resp: 225799
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 157.5 0.0 338.2

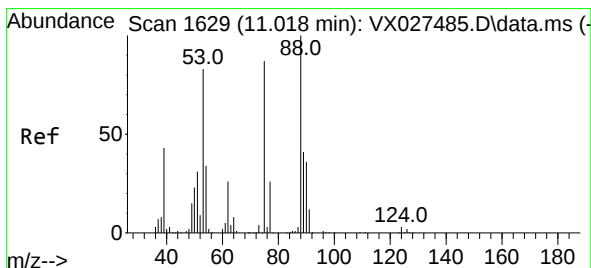
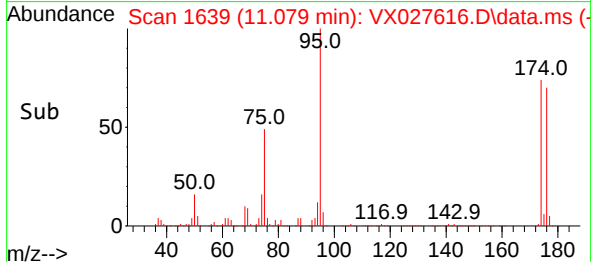
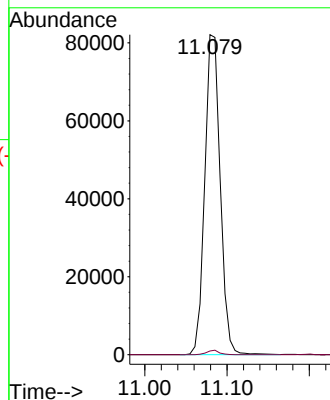
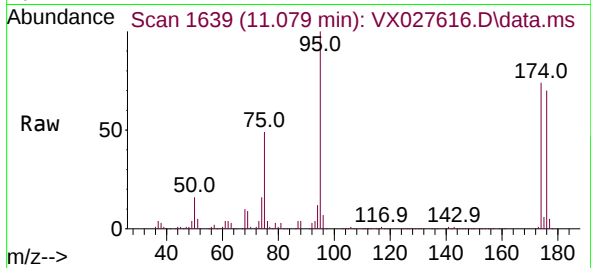




#76
1,2,3-Trichloropropane
Concen: 22.714 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 107278
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027616.D
Acq: 22 Mar 2022 15:53

Tgt Ion: 75 Resp: 107278
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

