

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033028.D
 Acq On : 23 Nov 2022 18:30
 Operator : JC/MD
 Sample : N5744-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 24 04:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

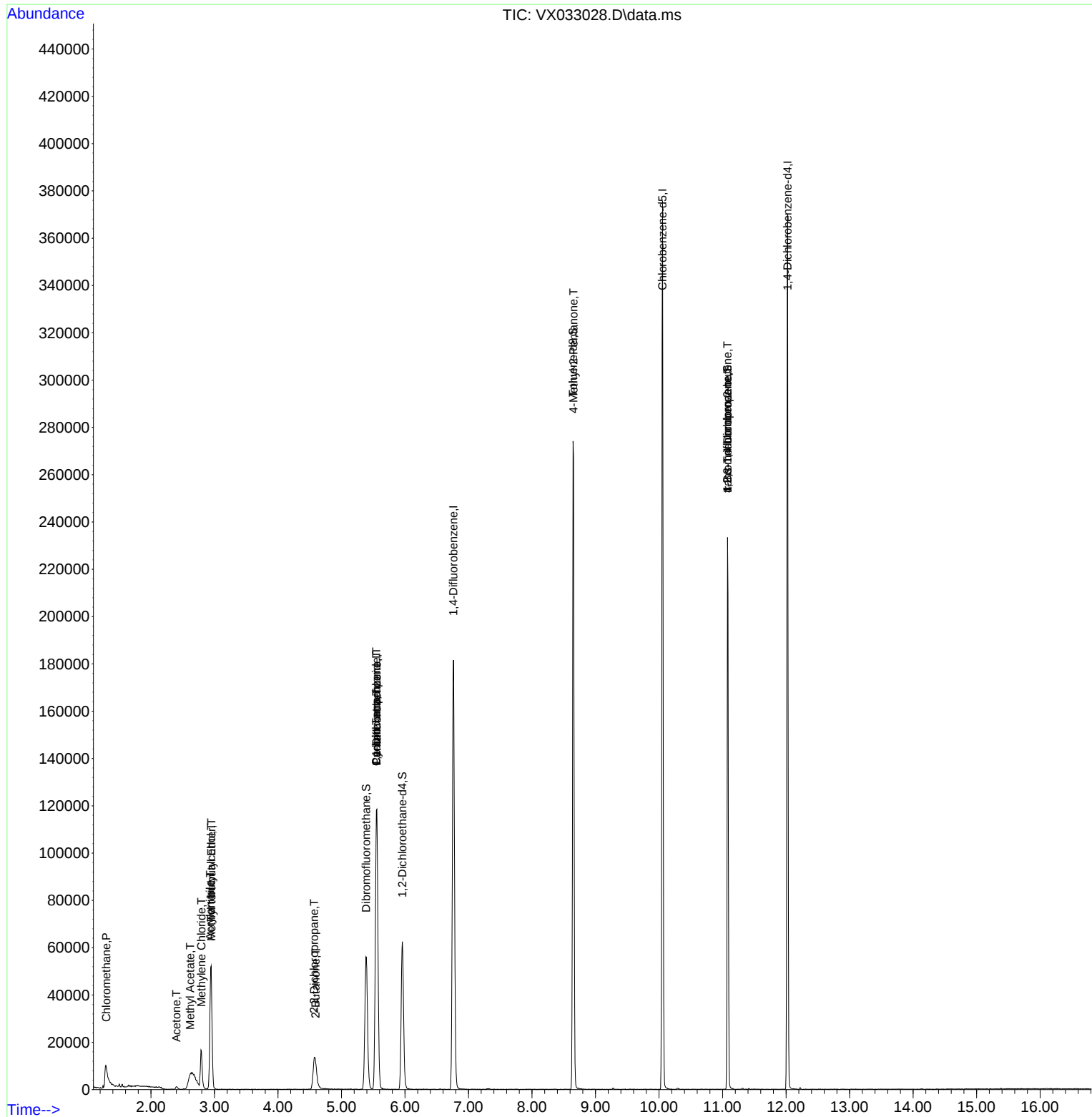
Internal Standards						
1) Pentafluorobenzene	5.556	168	113545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183716	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62560	56.812	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.620%
35) Dibromofluoromethane	5.385	113	48392	46.723	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	8.647	98	163820	52.685	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.360%
62) 4-Bromofluorobenzene	11.079	95	57071	41.948	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	527	0.563	ug/l #	43
11) Tert butyl alcohol	2.947	59	30645	174.830	ug/l #	76
15) Acrylonitrile	2.934	53	549	1.107	ug/l #	17
16) Acetone	2.398	43	1873	3.627	ug/l #	76
18) Methyl Acetate	2.617	43	3611	2.526	ug/l #	51
19) Methyl tert-butyl Ether	2.953	73	1660	0.483	ug/l #	79
20) Methylene Chloride	2.794	84	7522	5.855	ug/l	97
25) 2-Butanone	4.593	43	1169	1.642	ug/l #	47
26) 2,2-Dichloropropane	4.568	77	1223	0.763	ug/l #	53
31) Cyclohexane	5.550	56	2371	1.323	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8942	5.399	ug/l #	48
38) Carbon Tetrachloride	5.550	117	11540	6.281	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	708	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31802	22.690	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31802	73.754	ug/l #	6

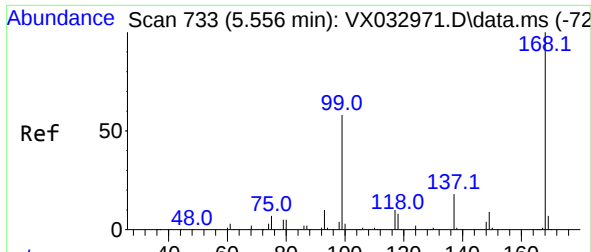
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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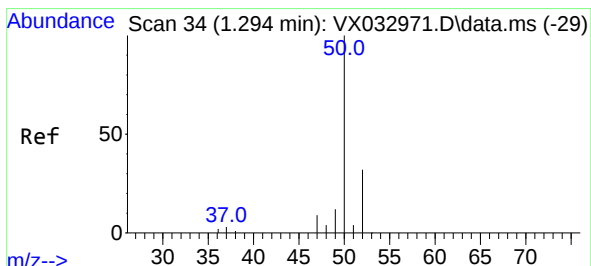
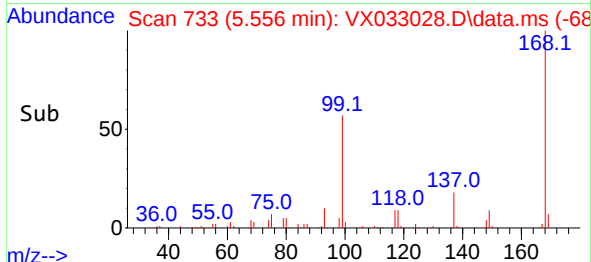
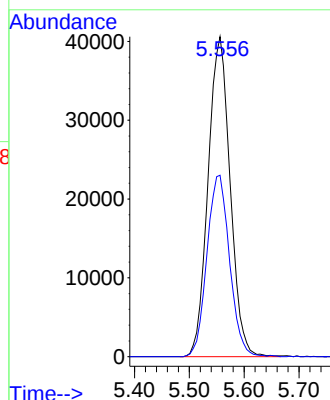
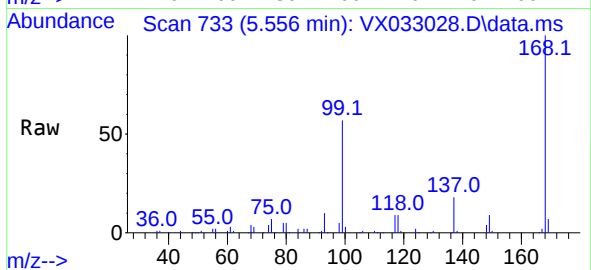




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

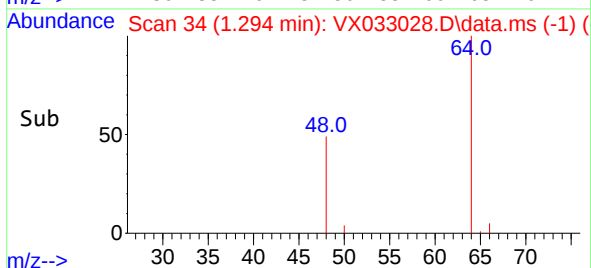
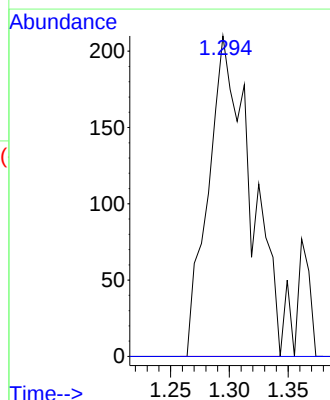
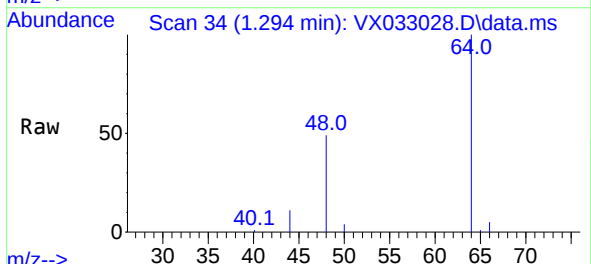
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

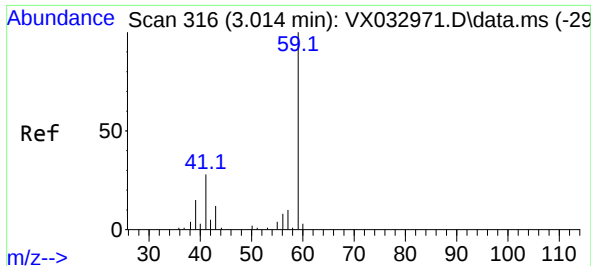
Tgt Ion:168 Resp: 113545
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1



#3
Chloromethane
Concen: 0.563 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 174.830 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX033028.D

Acq: 23 Nov 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

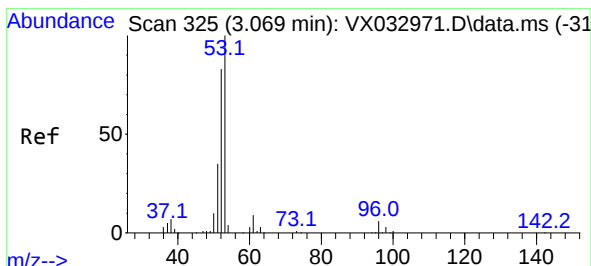
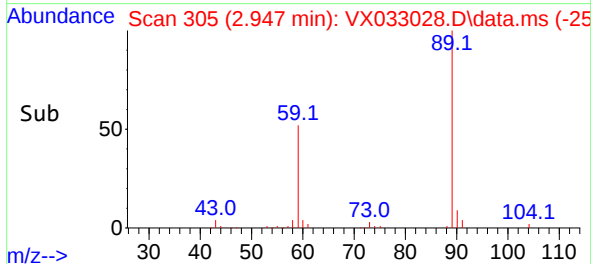
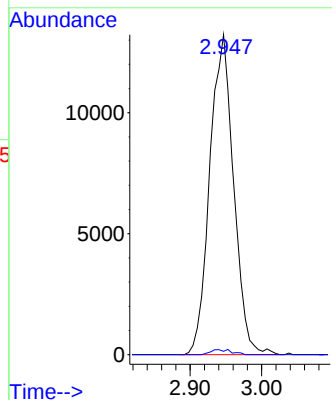
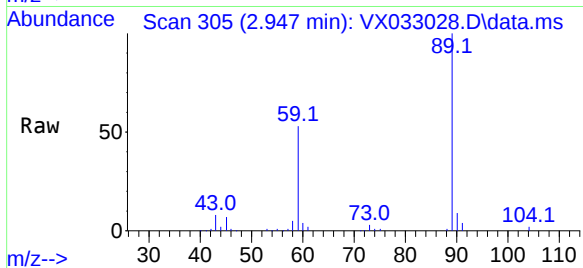
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 59 Resp: 30645

Ion Ratio Lower Upper

59 100

57 1.4 8.2 12.4#



#15

Acrylonitrile

Concen: 1.107 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.128 min

Lab File: VX033028.D

Acq: 23 Nov 2022 18:30

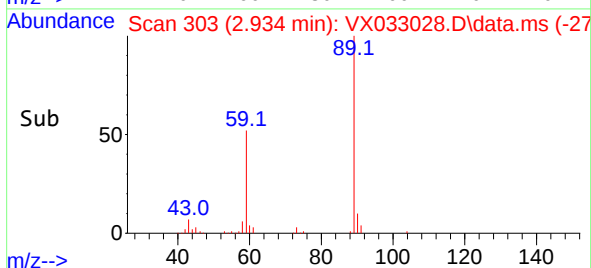
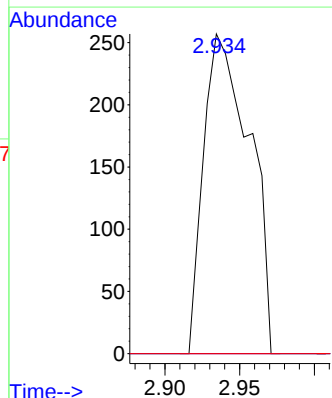
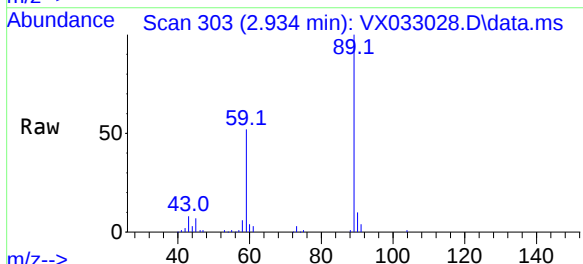
Tgt Ion: 53 Resp: 549

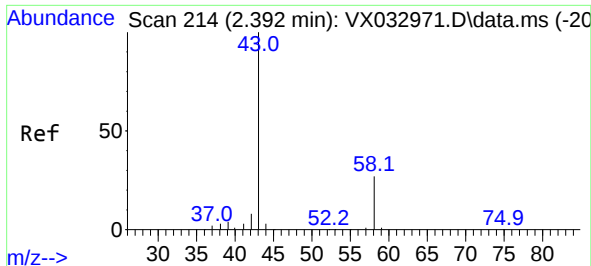
Ion Ratio Lower Upper

53 100

52 0.0 67.4 101.0#

51 0.0 30.3 45.5#

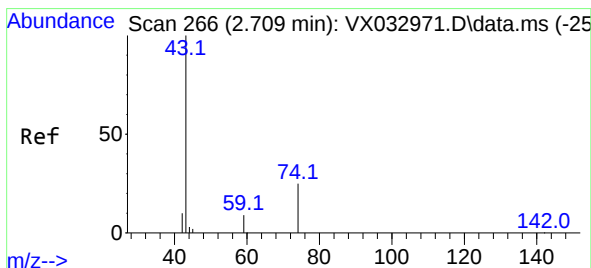
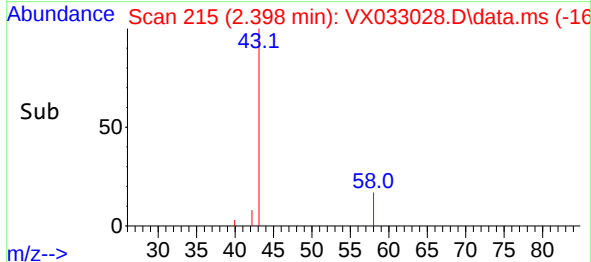
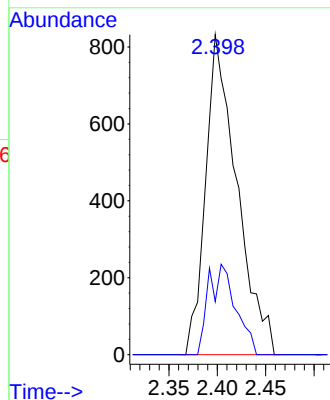
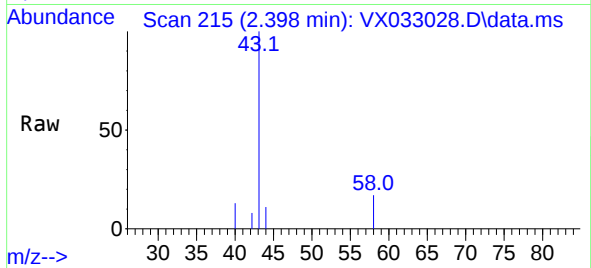




#16
Acetone
Concen: 3.627 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

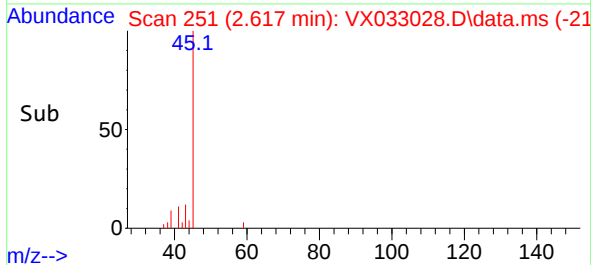
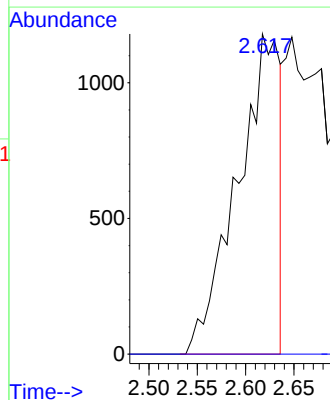
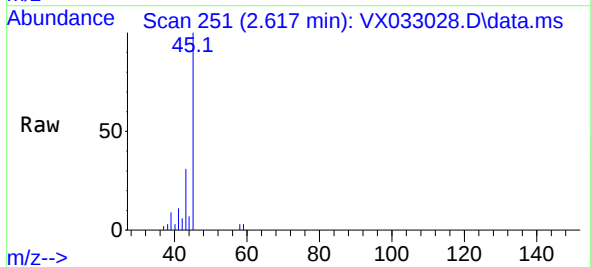
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

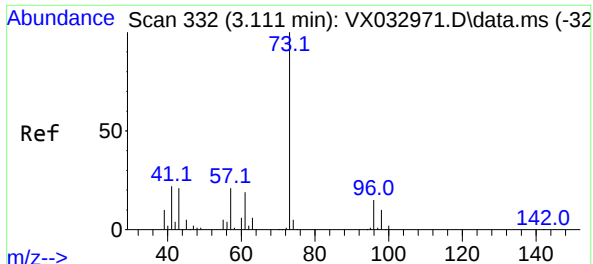
Tgt Ion: 43 Resp: 1873
Ion Ratio Lower Upper
43 100
58 16.6 23.8 35.8#



#18
Methyl Acetate
Concen: 2.526 ug/l
RT: 2.617 min Scan# 251
Delta R.T. -0.086 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

Tgt Ion: 43 Resp: 3611
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#





#19

Methyl tert-butyl Ether

Concen: 0.483 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.158 min

Lab File: VX033028.D

Acq: 23 Nov 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

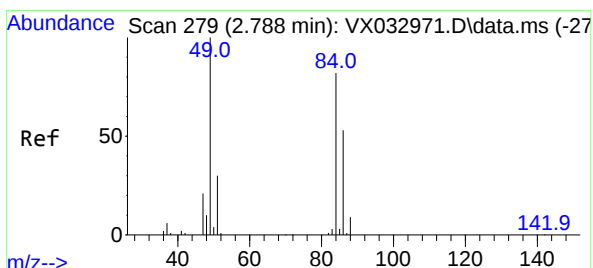
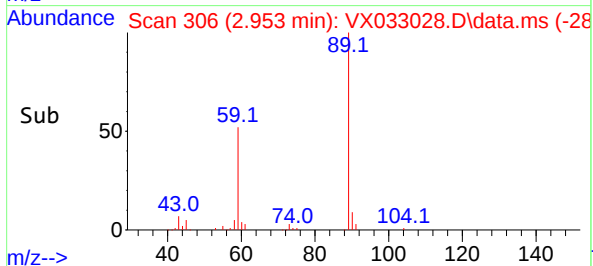
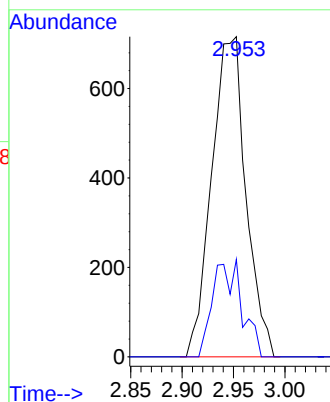
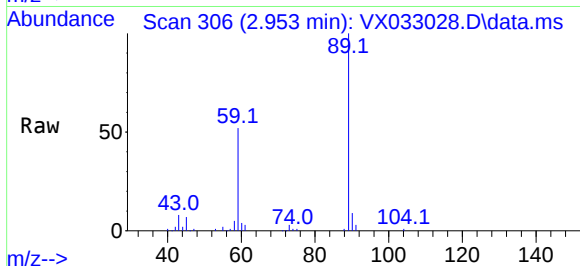
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 73 Resp: 1660

Ion Ratio Lower Upper

73 100

57 30.4 16.6 25.0#



#20

Methylene Chloride

Concen: 5.855 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033028.D

Acq: 23 Nov 2022 18:30

Tgt Ion: 84 Resp: 7522

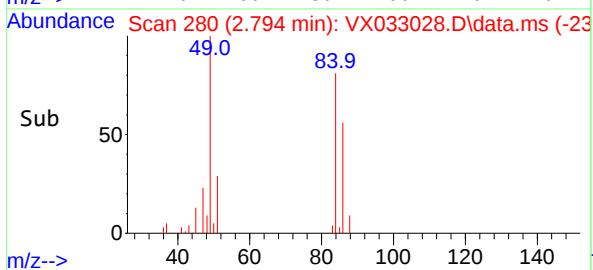
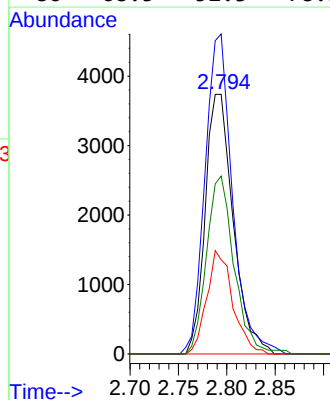
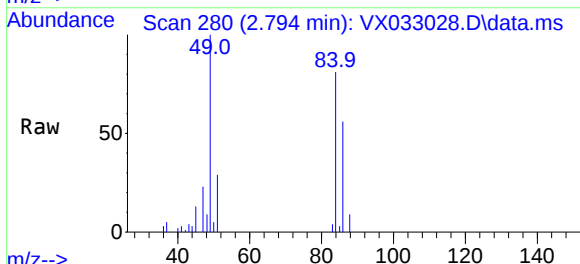
Ion Ratio Lower Upper

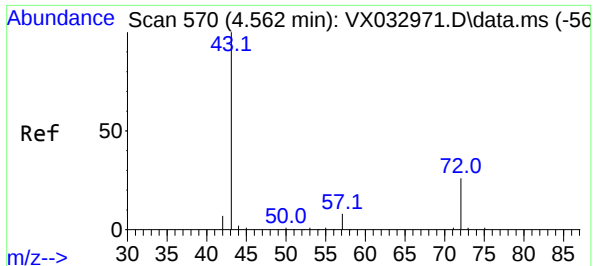
84 100

49 123.2 101.0 151.6

51 36.3 31.1 46.7

86 68.5 52.3 78.5





#25

2-Butanone

Concen: 1.642 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX033028.D

Acq: 23 Nov 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

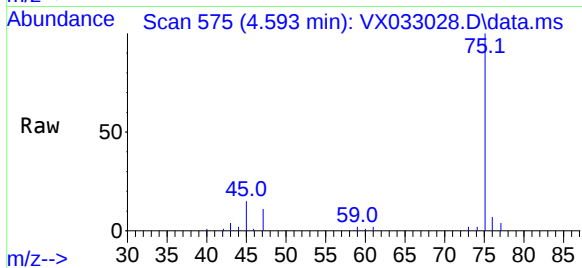
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 43 Resp: 1169

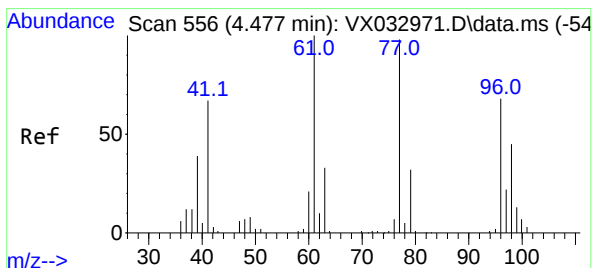
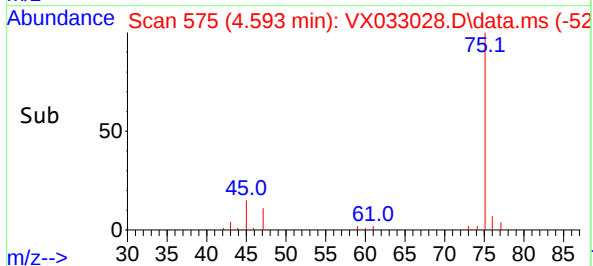
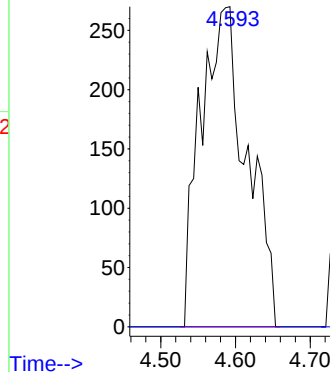
Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



Abundance



#26

2,2-Dichloropropane

Concen: 0.763 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.091 min

Lab File: VX033028.D

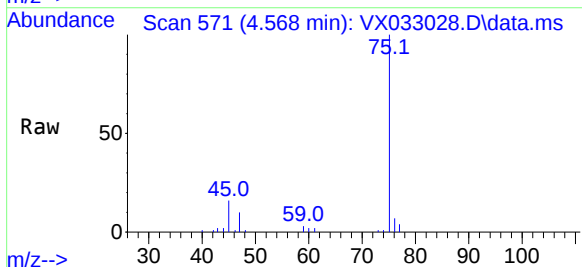
Acq: 23 Nov 2022 18:30

Tgt Ion: 77 Resp: 1223

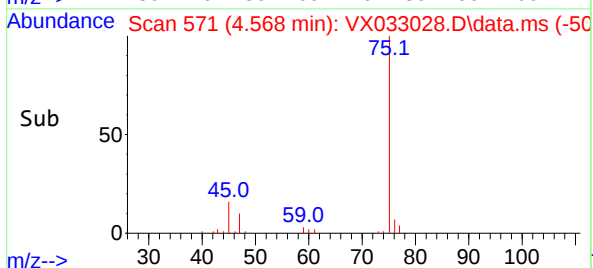
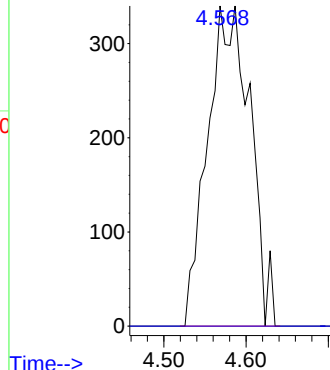
Ion Ratio Lower Upper

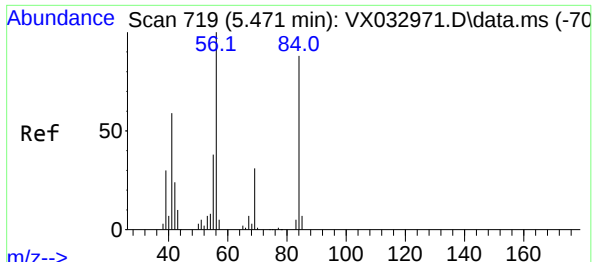
77 100

97 0.0 11.4 34.1#



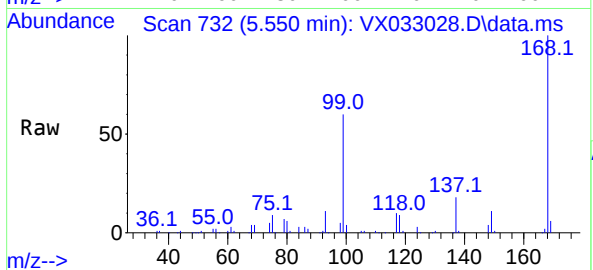
Abundance



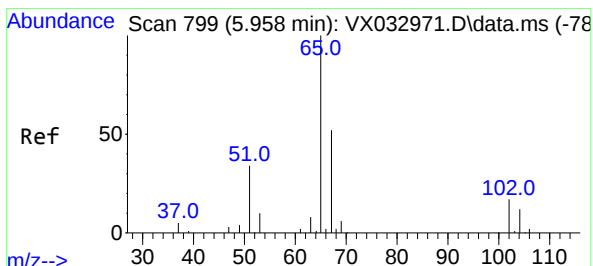
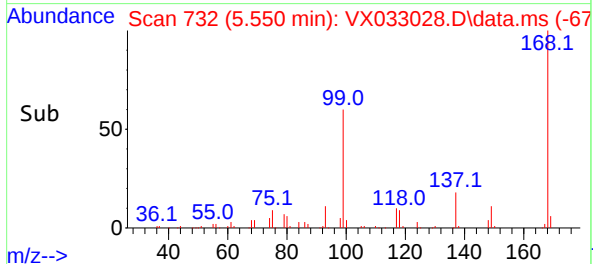
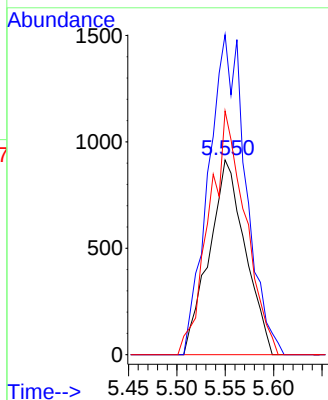


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

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

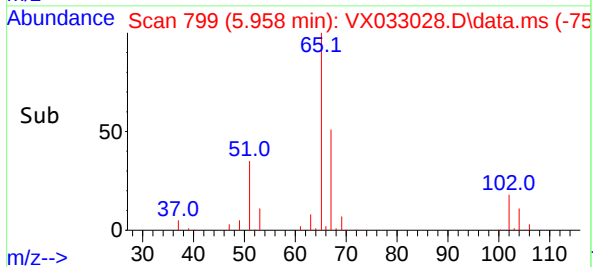
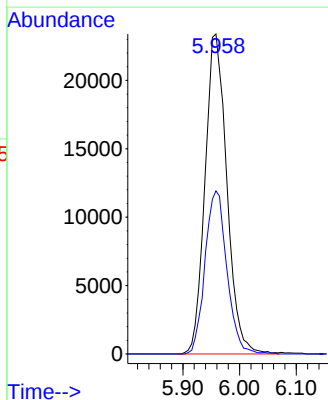
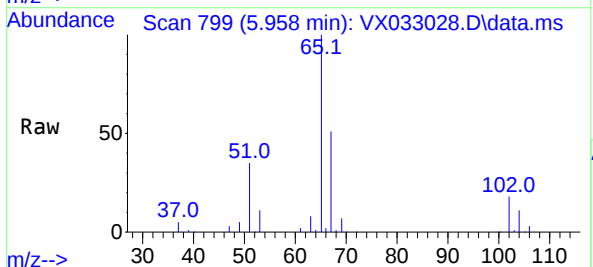


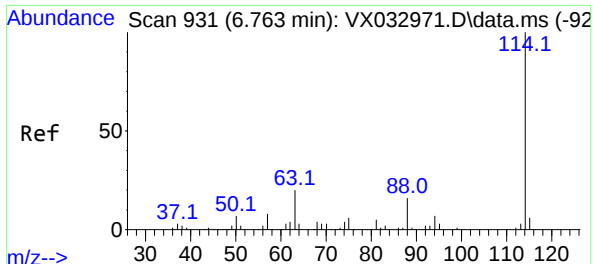
Tgt Ion: 56 Resp: 2371
Ion Ratio Lower Upper
56 100
69 164.4 24.1 36.1#
84 125.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 56.812 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

Tgt Ion: 65 Resp: 62560
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8



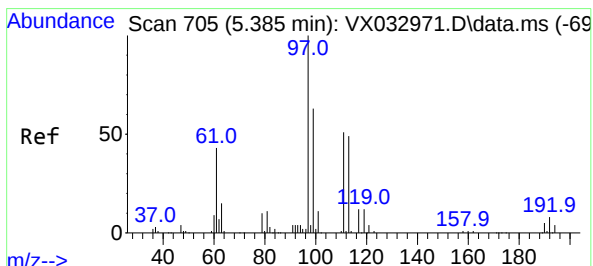
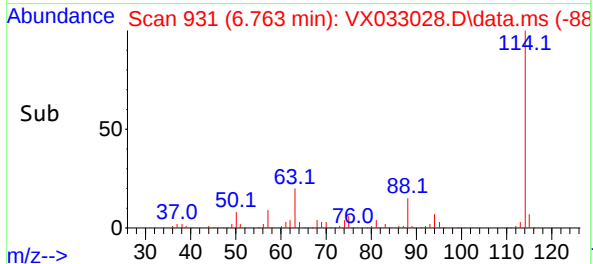
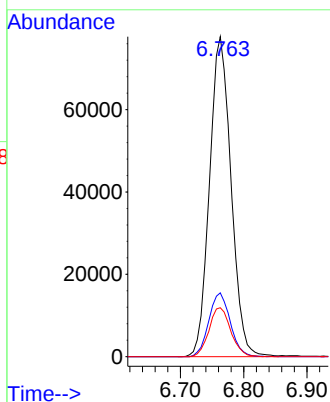
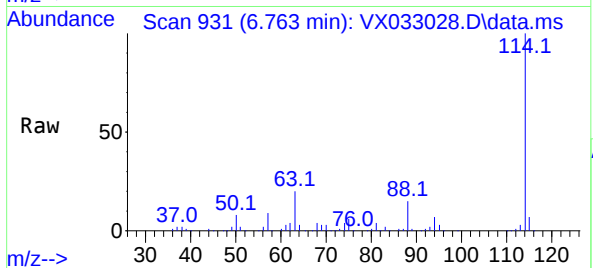


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

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

Tgt Ion:114 Resp: 183716

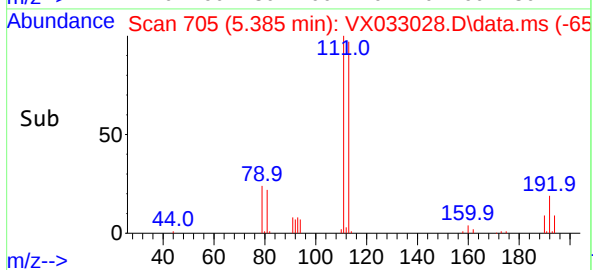
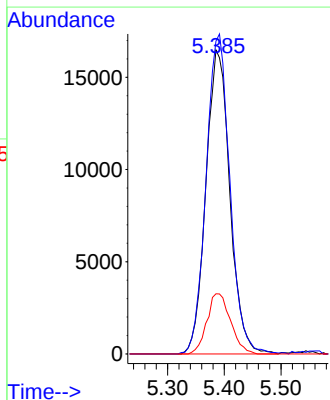
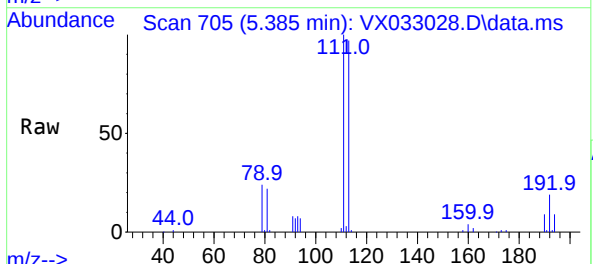
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.6
88	15.3	0.0	33.4

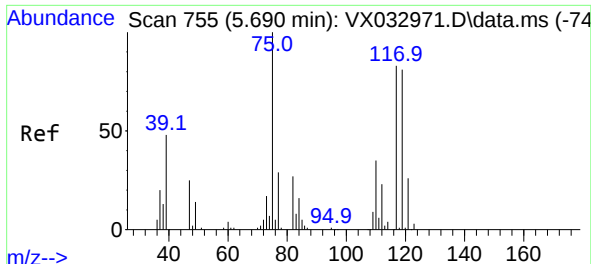


#35
Dibromofluoromethane
Concen: 46.723 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

Tgt Ion:113 Resp: 48392

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.4	123.6
192	19.6	15.4	23.2

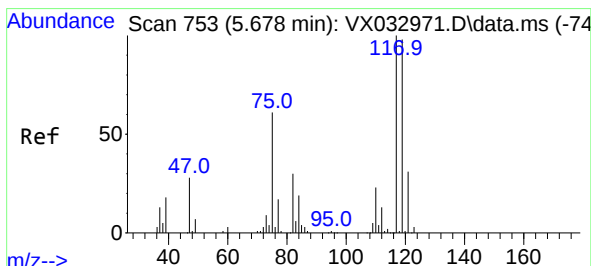
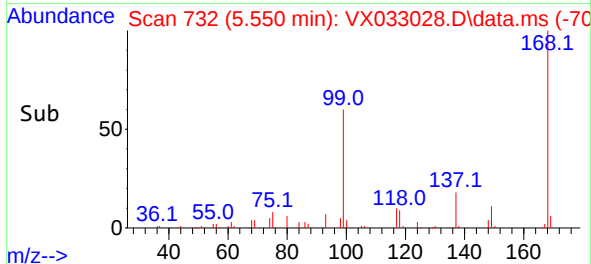
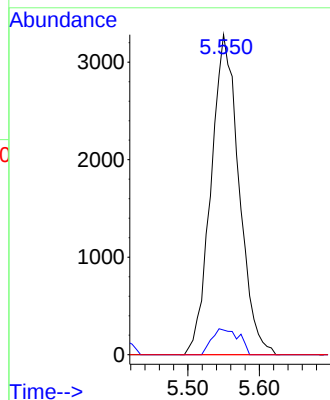
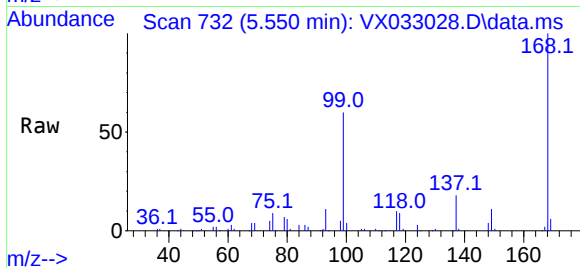




#36
1,1-Dichloropropene
Concen: 5.399 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

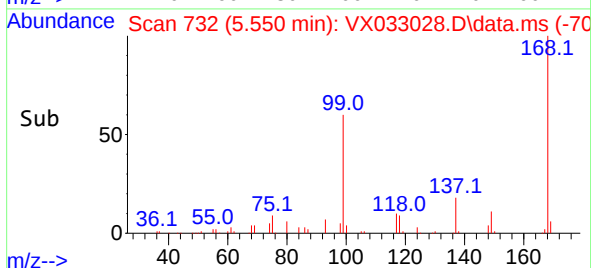
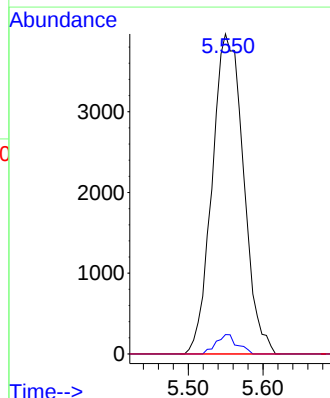
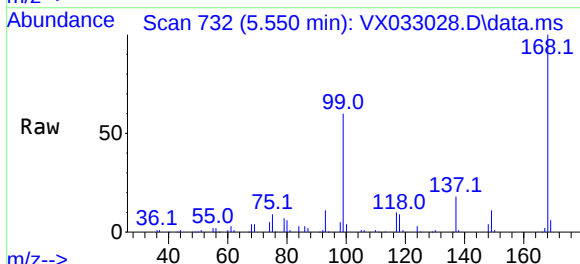
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

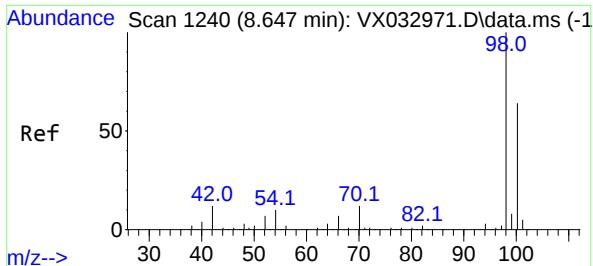
Tgt Ion: 75 Resp: 8942
Ion Ratio Lower Upper
75 100
110 7.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.281 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

Tgt Ion: 117 Resp: 11540
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 52.685 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033028.D

Acq: 23 Nov 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

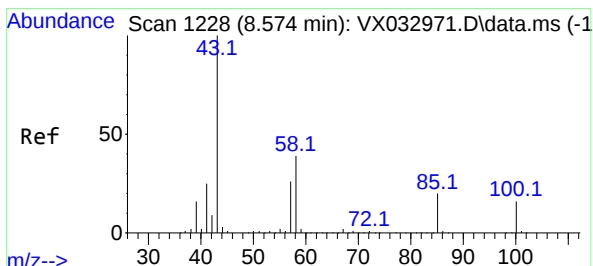
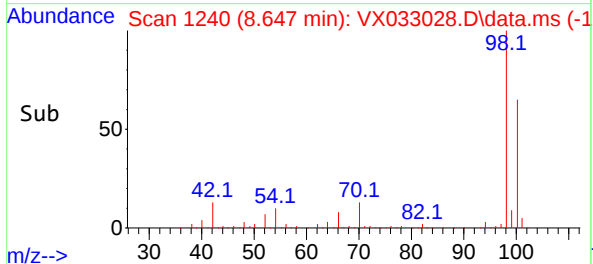
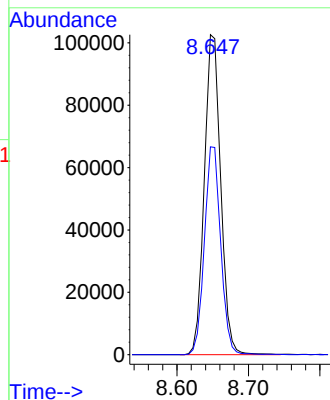
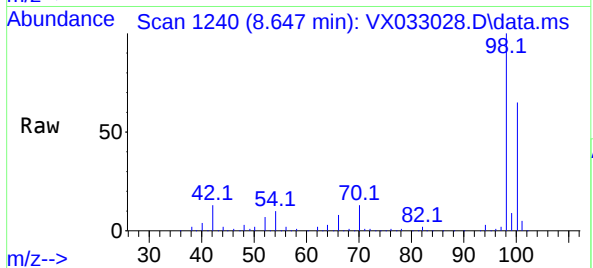
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 98 Resp: 163820

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.480 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX033028.D

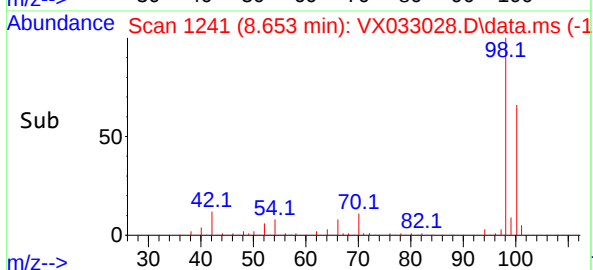
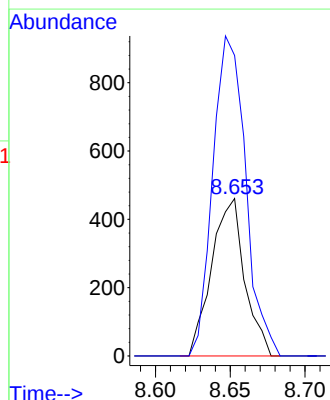
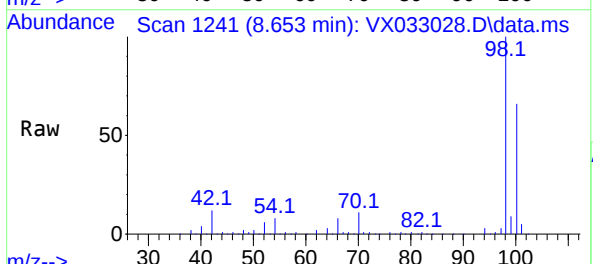
Acq: 23 Nov 2022 18:30

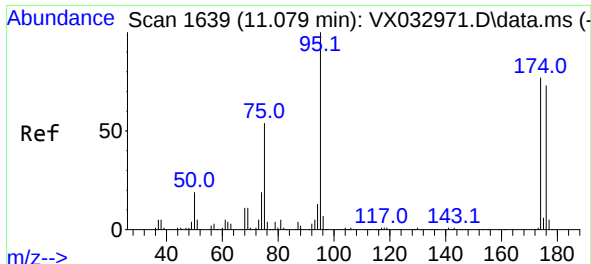
Tgt Ion: 43 Resp: 708

Ion Ratio Lower Upper

43 100

58 201.8 30.9 46.3#

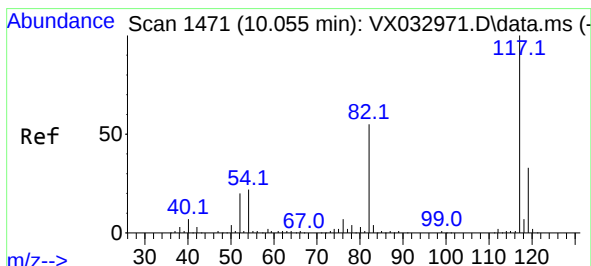
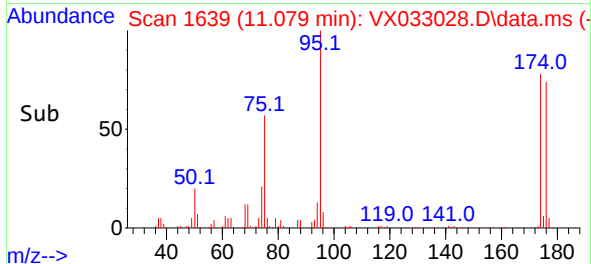
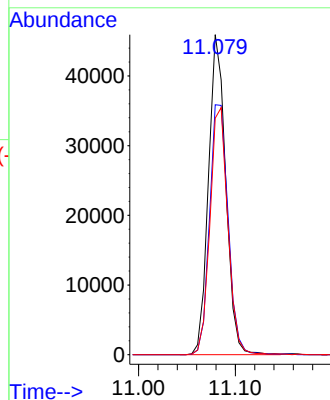
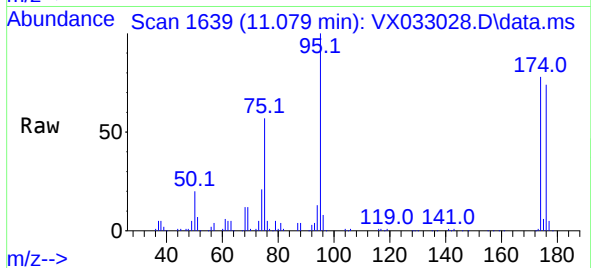




#62
4-Bromofluorobenzene
Concen: 41.948 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

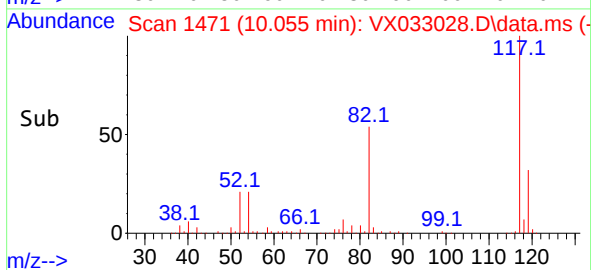
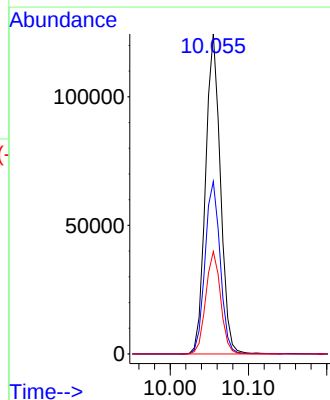
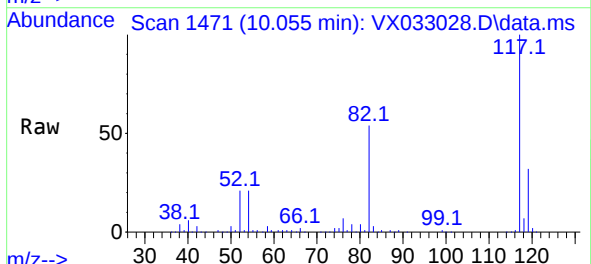
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

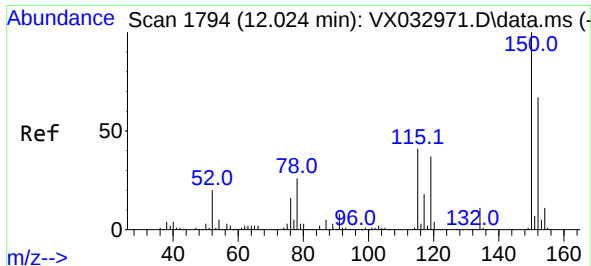
Tgt Ion: 95 Resp: 57071
Ion Ratio Lower Upper
95 100
174 84.0 0.0 164.0
176 80.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

Tgt Ion: 117 Resp: 163687
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.0 25.7 38.5

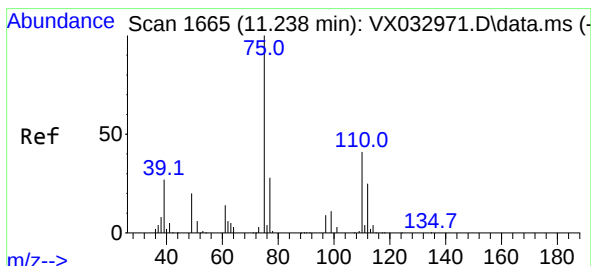
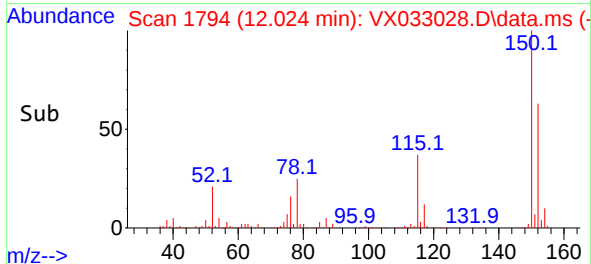
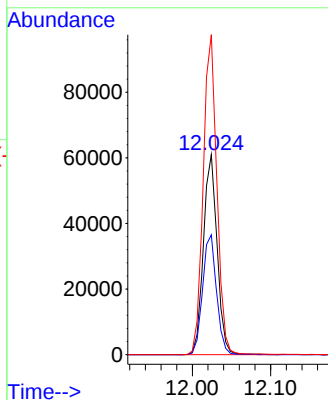
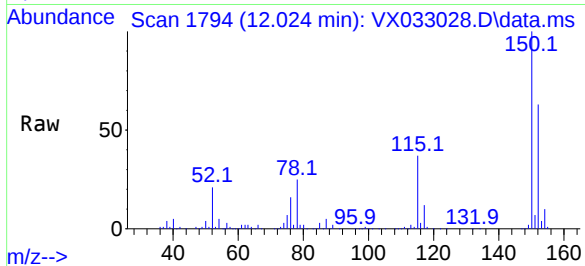




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

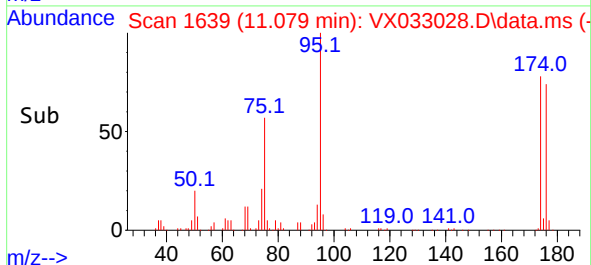
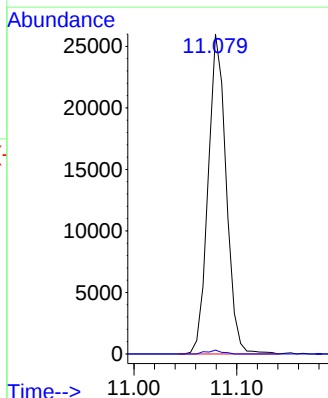
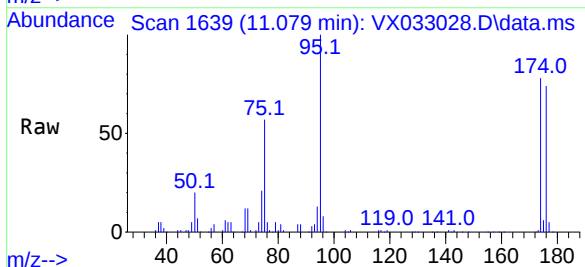
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

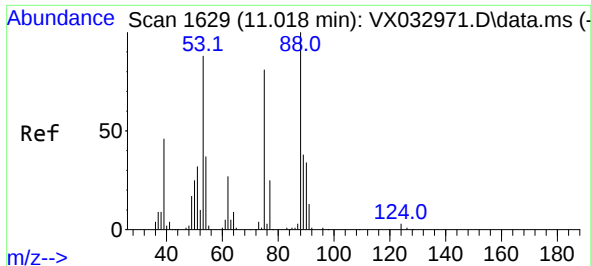
Tgt Ion:152 Resp: 74007
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 159.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033028.D
Acq: 23 Nov 2022 18:30

Tgt Ion: 75 Resp: 31802
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.754 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033028.D
 Acq: 23 Nov 2022 18:30

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

Tgt Ion: 75 Resp: 31802
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

