

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033829.D
 Acq On : 20 Jan 2023 15:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 21 04:45:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

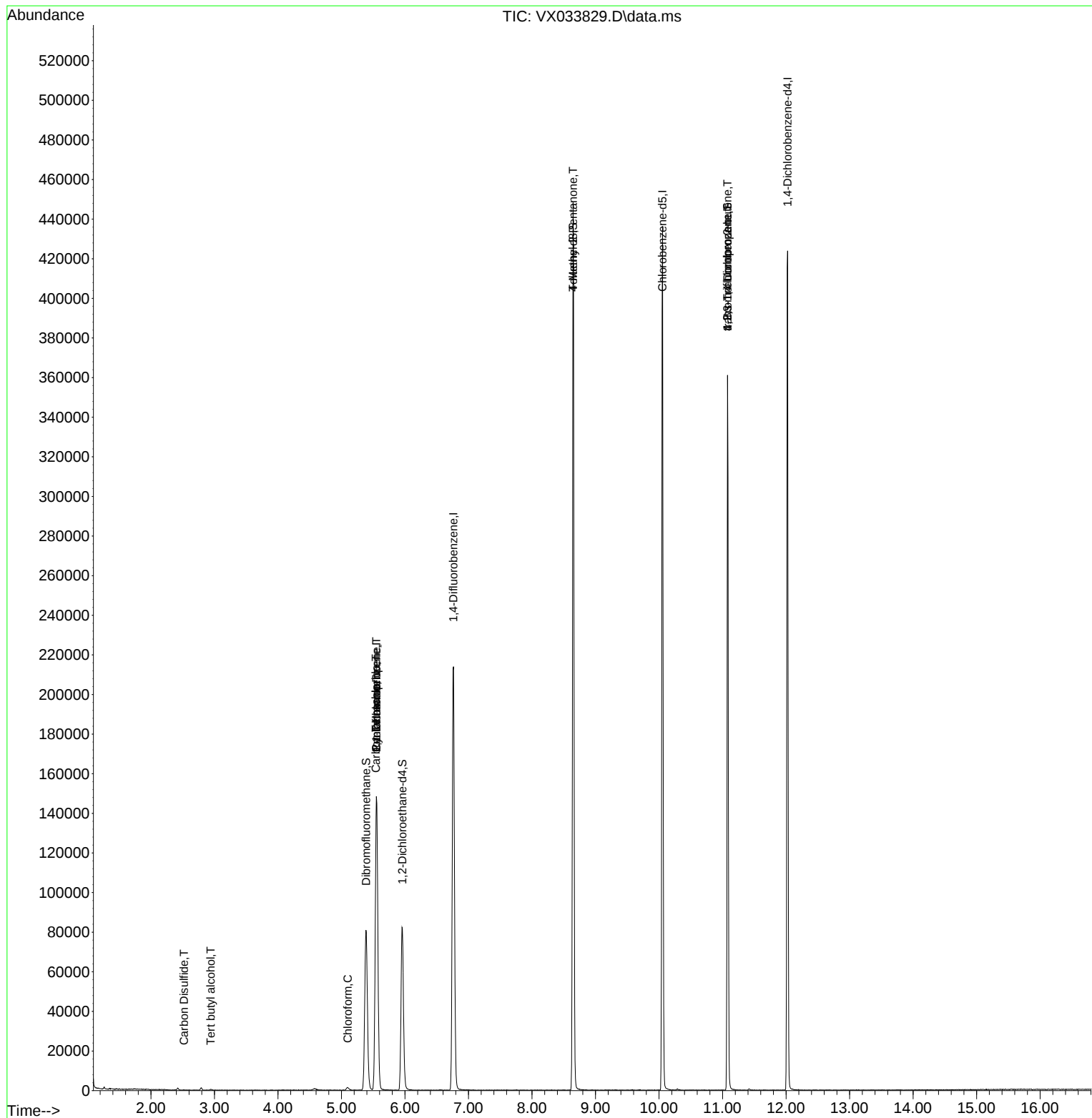
Internal Standards						
1) Pentafluorobenzene	5.550	168	162161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79079	46.315	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.640%
35) Dibromofluoromethane	5.385	113	71580	48.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.647	98	269446	50.421	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.840%
62) 4-Bromofluorobenzene	11.079	95	93299	47.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	251	0.846	ug/l #	86
16) Acetone	2.398	43	382	Below Cal	#	47
17) Carbon Disulfide	2.520	76	131	1.860	ug/l #	76
20) Methylene Chloride	2.788	84	551	Below Cal	#	92
30) Chloroform	5.099	83	1766	0.629	ug/l	96
31) Cyclohexane	5.550	56	2522	1.004	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9473	4.425	ug/l #	48
38) Carbon Tetrachloride	5.544	117	13693	6.176	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1116	0.538	ug/l #	1
73) Isopropylbenzene	11.085	105	84	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.073	83	20	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	42892	22.962	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	42892	71.362	ug/l #	8

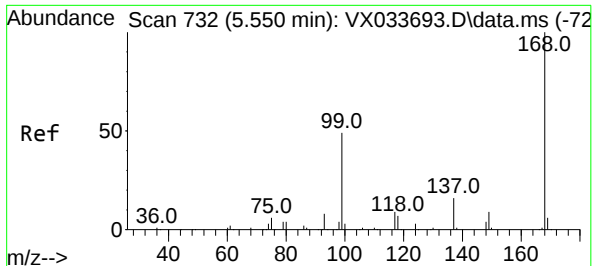
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 21 04:45:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

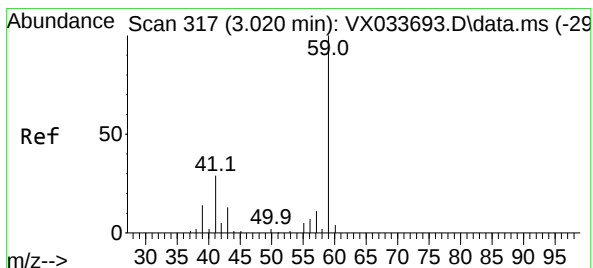
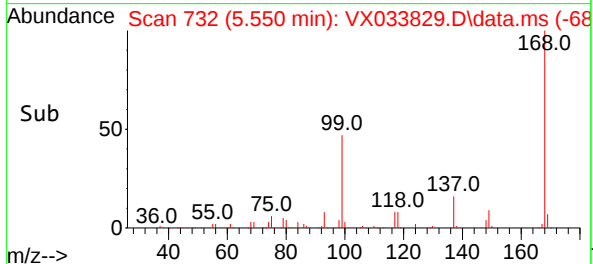
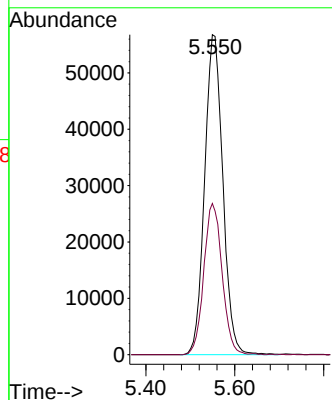
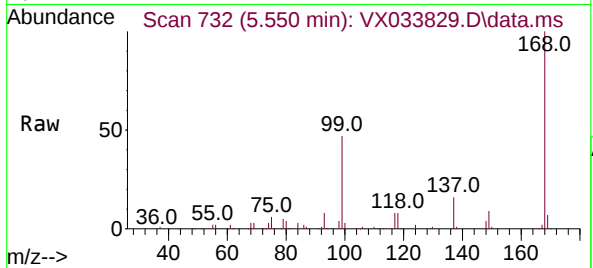




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

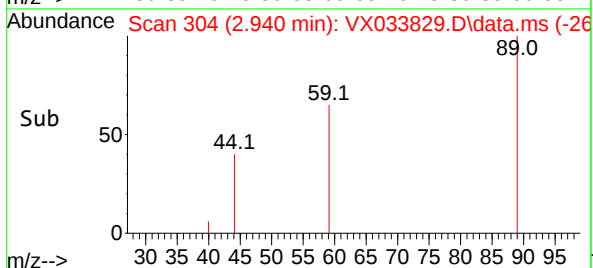
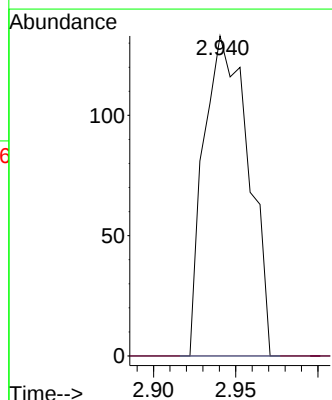
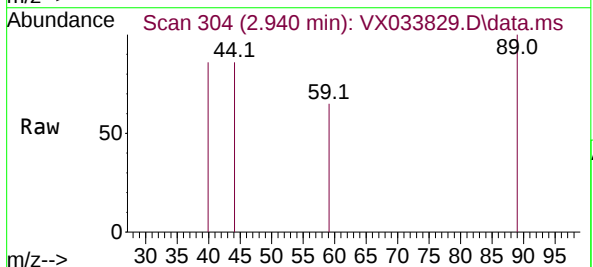
Instrument :
MSVOA_X
ClientSampleId :
IBLK

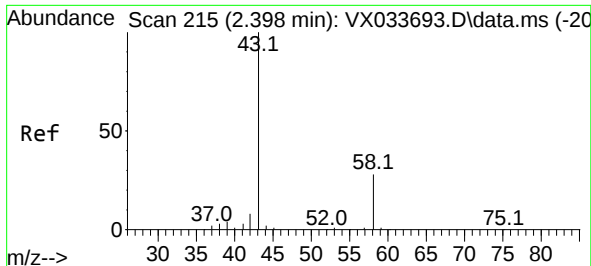
Tgt Ion:168 Resp: 162161
Ion Ratio Lower Upper
168 100
99 47.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.846 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

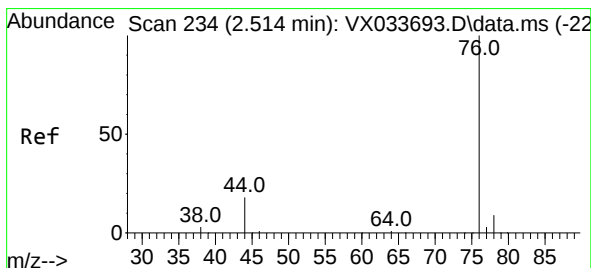
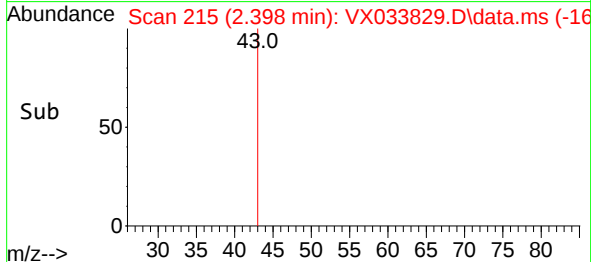
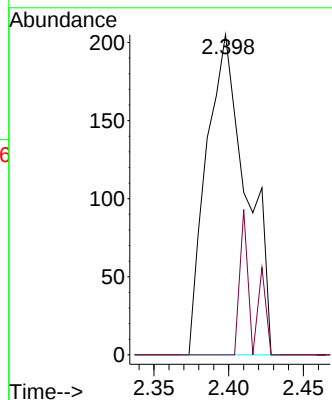
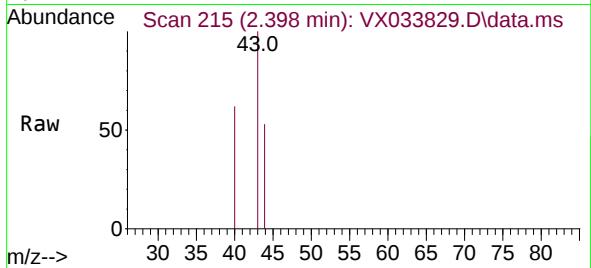




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

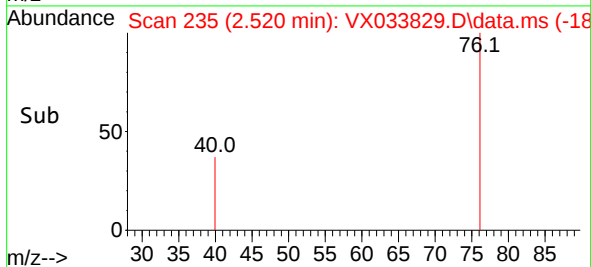
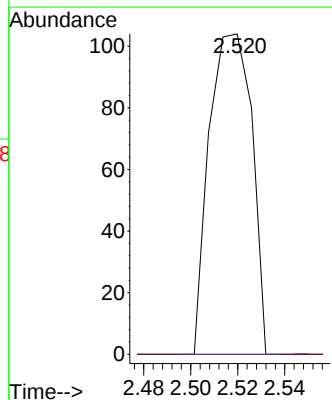
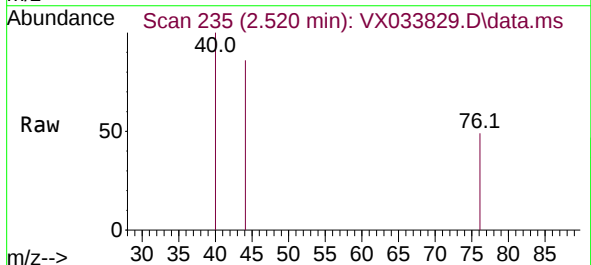
Instrument :
MSVOA_X
ClientSampleId :
IBLK

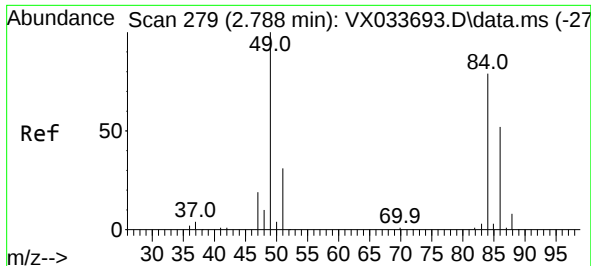
Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.860 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

Tgt Ion: 76 Resp: 131
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033829.D

Acq: 20 Jan 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 551

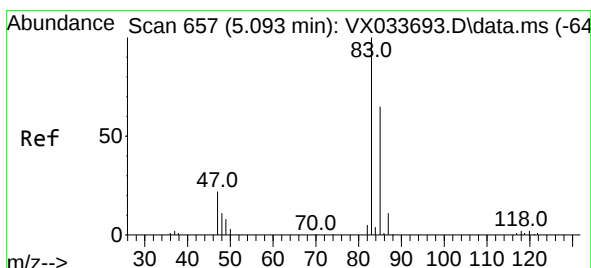
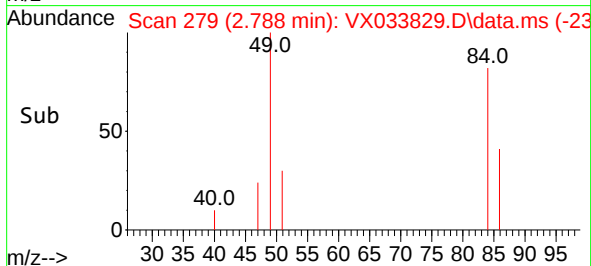
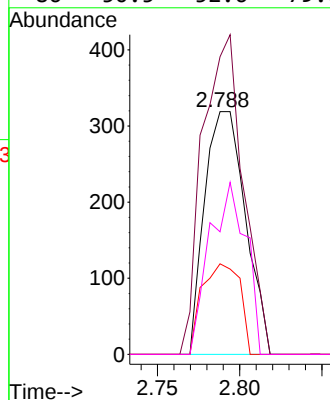
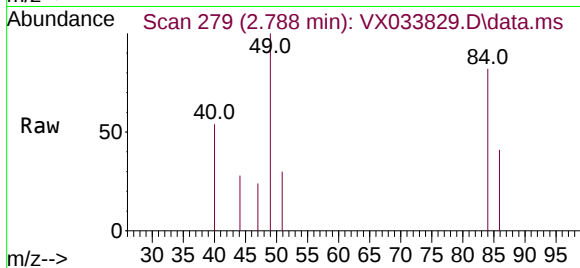
Ion Ratio Lower Upper

84 100

49 122.6 101.1 151.7

51 37.3 31.0 46.6

86 50.5 52.6 79.0#



#30

Chloroform

Concen: 0.629 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX033829.D

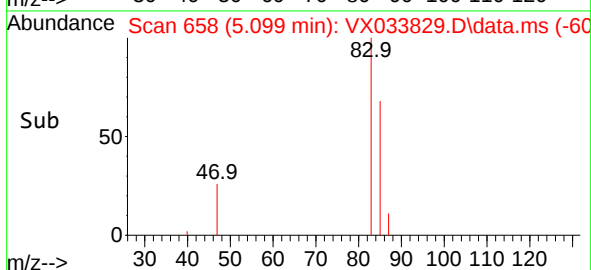
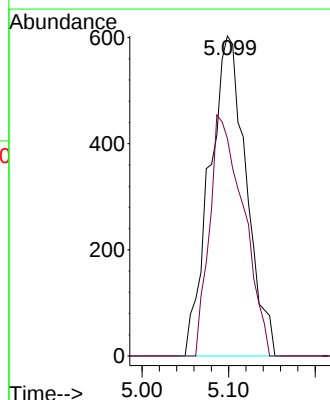
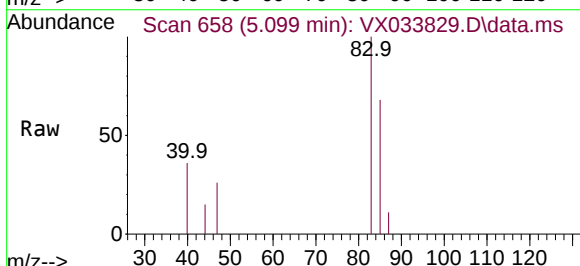
Acq: 20 Jan 2023 15:31

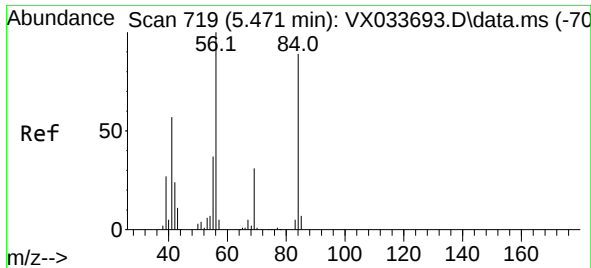
Tgt Ion: 83 Resp: 1766

Ion Ratio Lower Upper

83 100

85 68.0 52.1 78.1

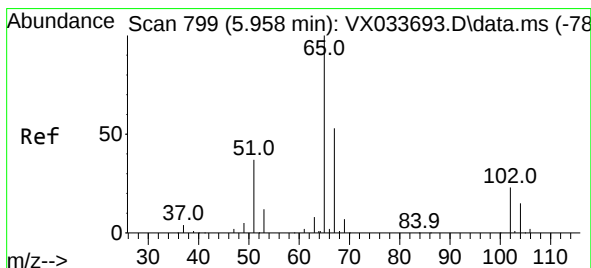
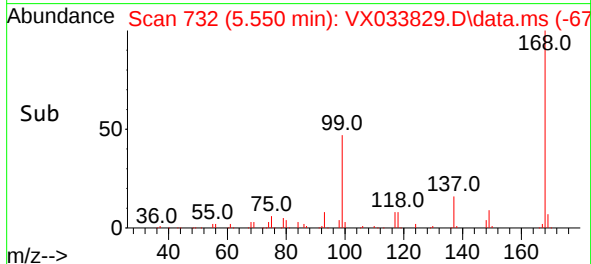
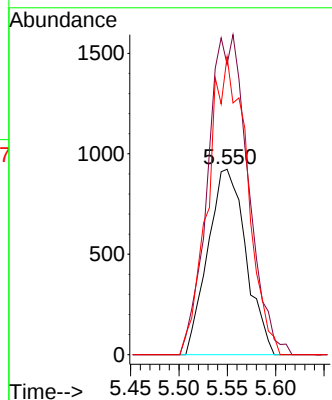
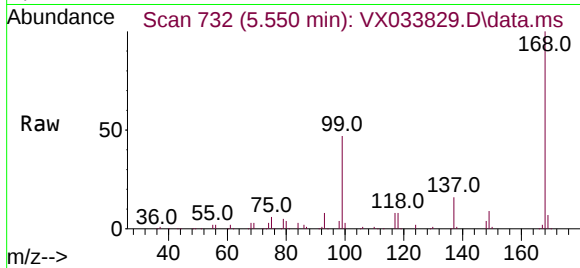




#31
Cyclohexane
Concen: 1.004 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

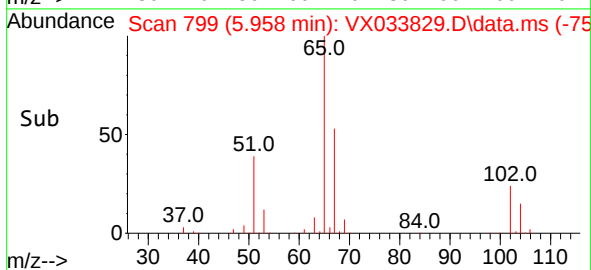
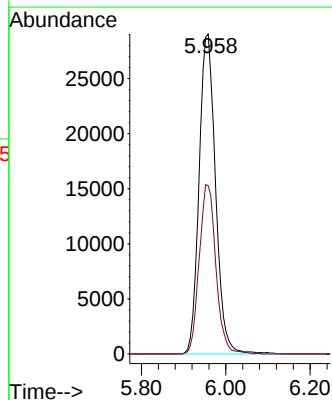
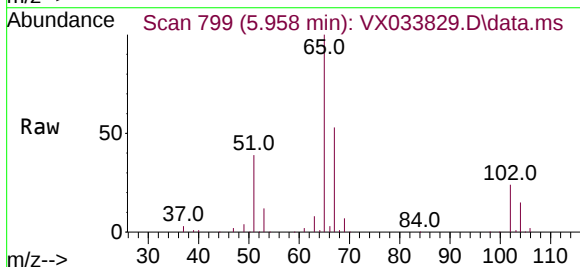
Instrument :
MSVOA_X
ClientSampleId :
IBLK

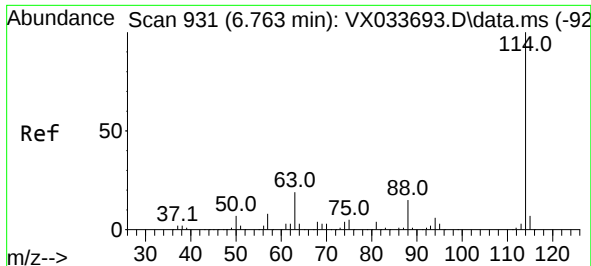
Tgt Ion: 56 Resp: 2522
Ion Ratio Lower Upper
56 100
69 156.6 24.6 37.0#
84 160.8 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.315 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

Tgt Ion: 65 Resp: 79079
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

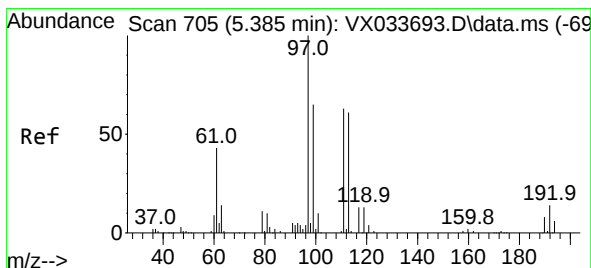
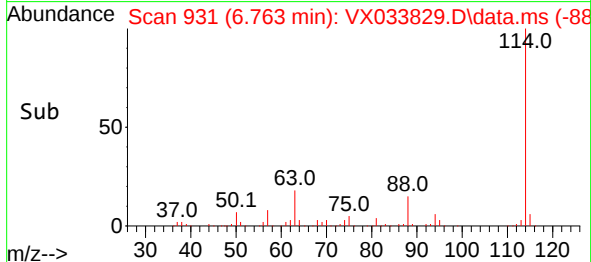
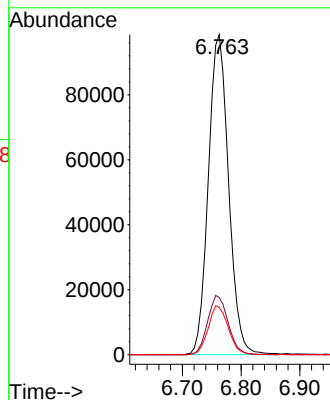
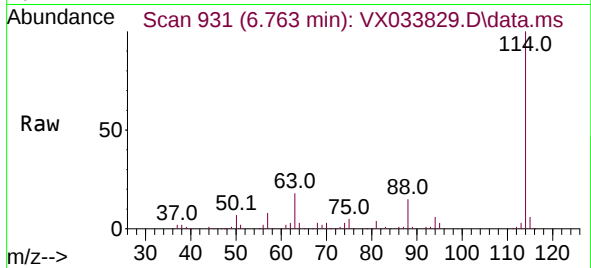




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

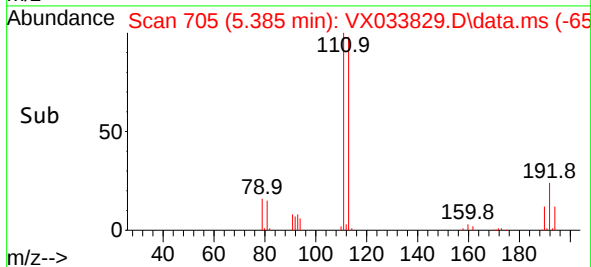
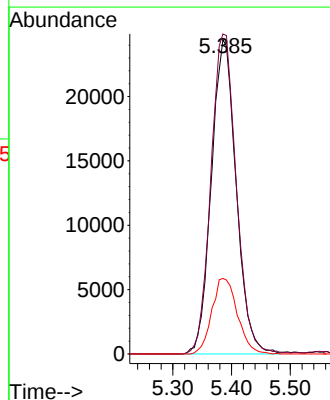
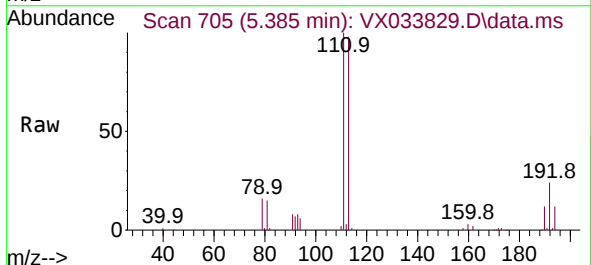
Instrument :
MSVOA_X
ClientSampleId :
IBLK

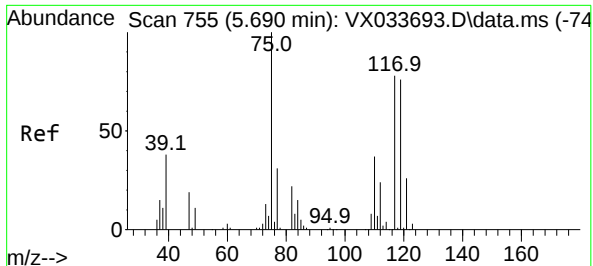
Tgt Ion:114 Resp: 236203
Ion Ratio Lower Upper
114 100
63 17.9 0.0 37.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

Tgt Ion:113 Resp: 71580
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.6
192 24.7 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.425 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033829.D

Acq: 20 Jan 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

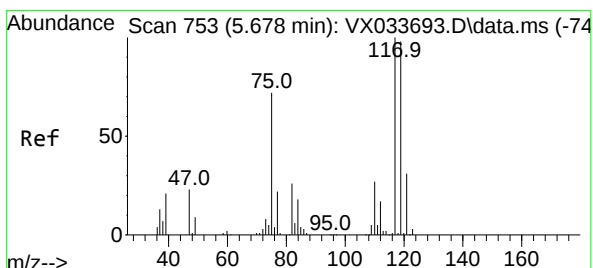
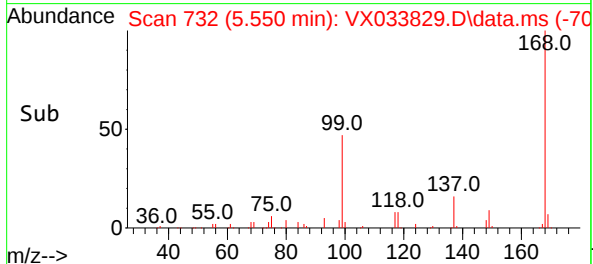
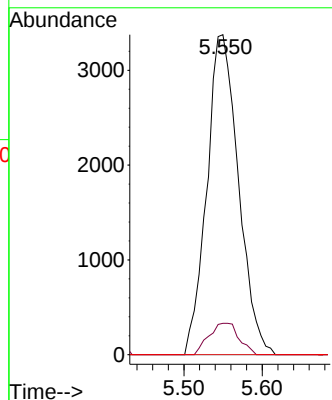
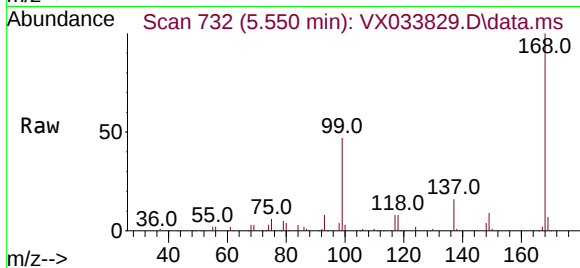
Tgt Ion: 75 Resp: 9473

Ion Ratio Lower Upper

75 100

110 9.3 18.8 56.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.176 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX033829.D

Acq: 20 Jan 2023 15:31

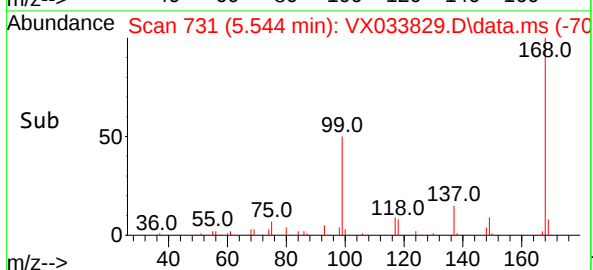
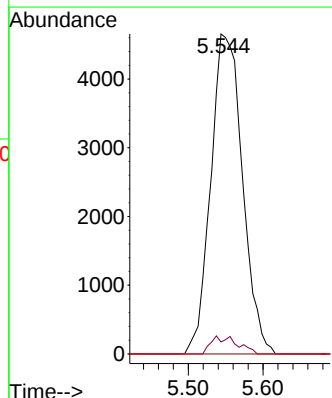
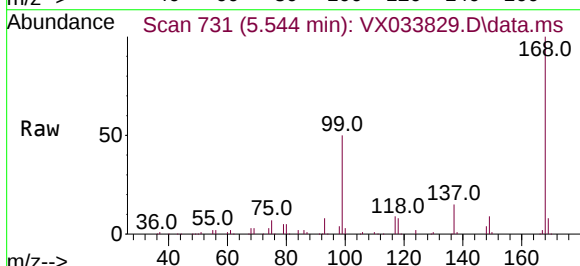
Tgt Ion: 117 Resp: 13693

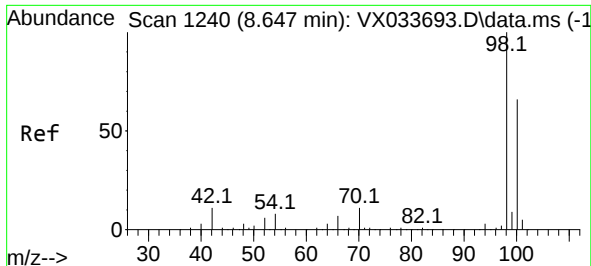
Ion Ratio Lower Upper

117 100

119 3.7 78.0 117.0#

121 0.0 24.4 36.6#

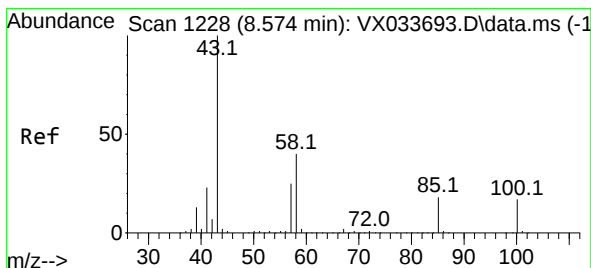
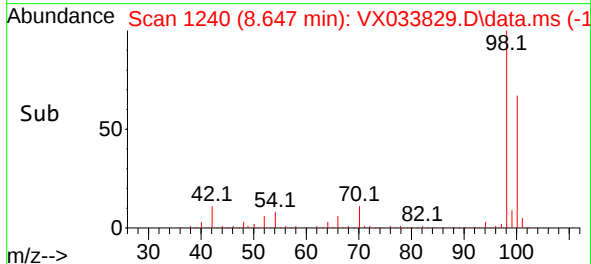
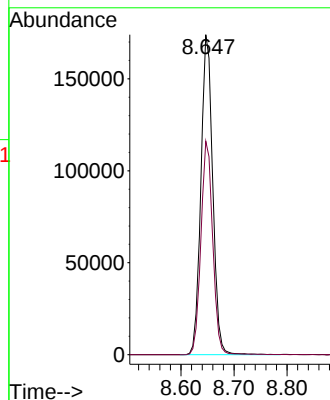
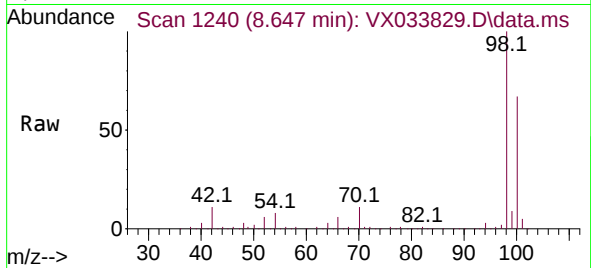




#50
Toluene-d8
Concen: 50.421 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

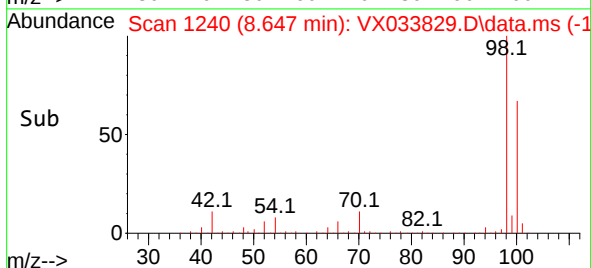
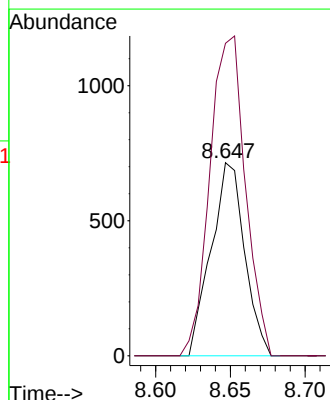
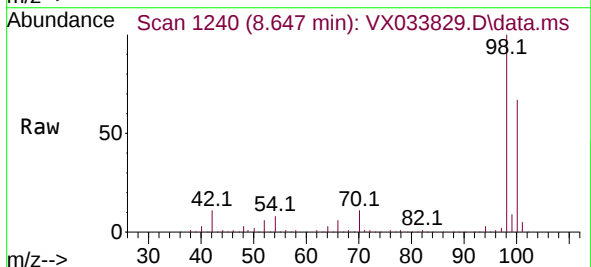
Instrument :
MSVOA_X
ClientSampleId :
IBLK

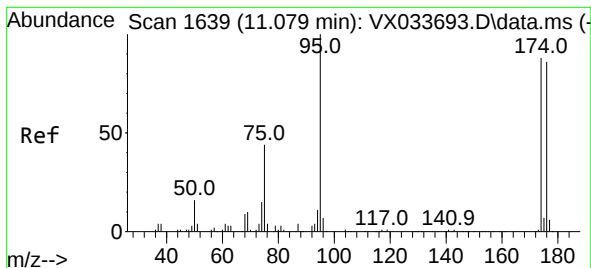
Tgt Ion: 98 Resp: 269446
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 175.5 31.2 46.8#

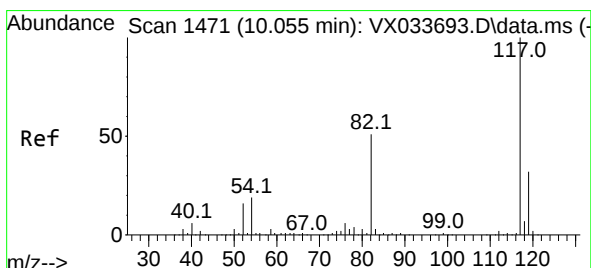
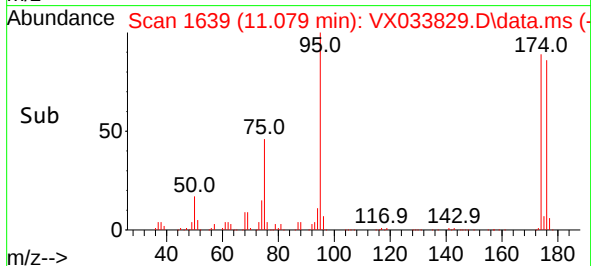
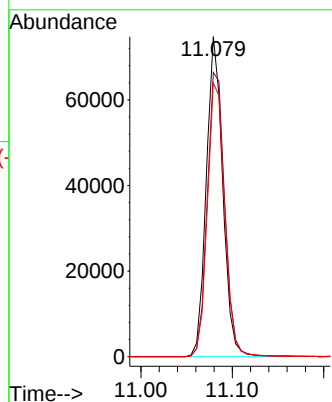
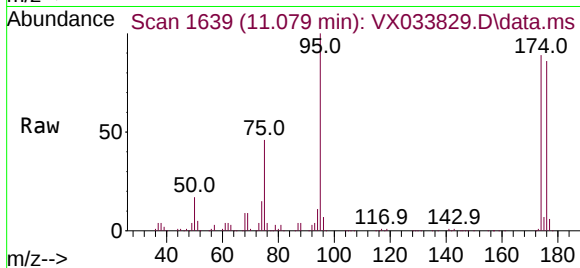




#62
4-Bromofluorobenzene
Concen: 47.023 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

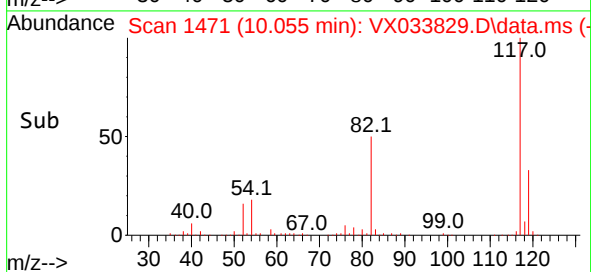
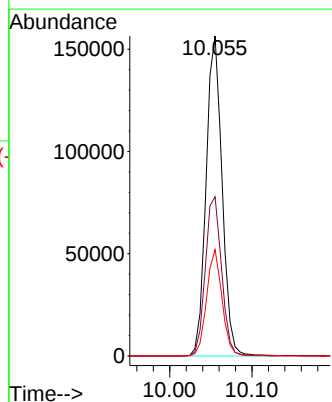
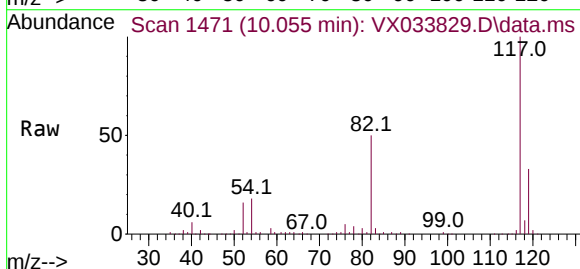
Instrument :
MSVOA_X
ClientSampleId :
IBLK

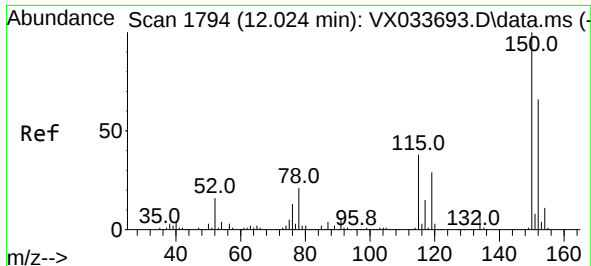
Tgt Ion: 95 Resp: 93299
Ion Ratio Lower Upper
95 100
174 95.1 0.0 184.4
176 90.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

Tgt Ion: 117 Resp: 211234
Ion Ratio Lower Upper
117 100
82 49.7 40.6 60.8
119 33.2 25.6 38.4

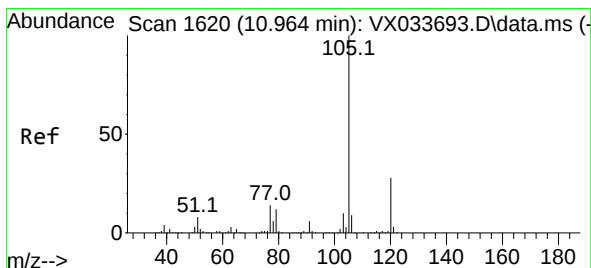
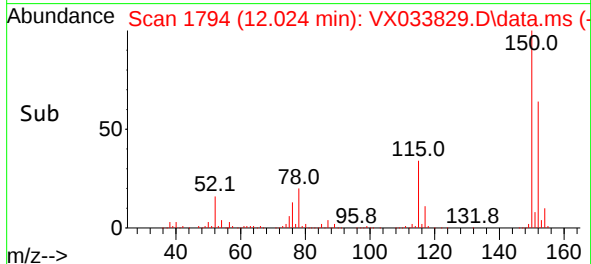
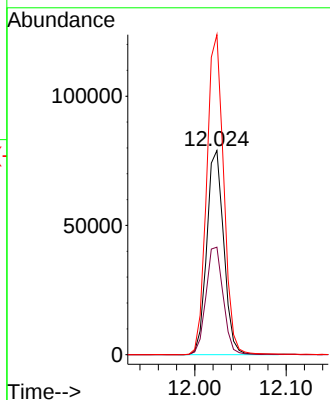
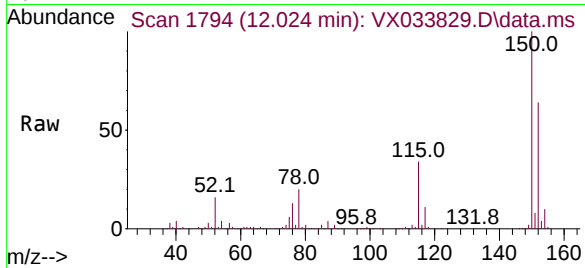




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

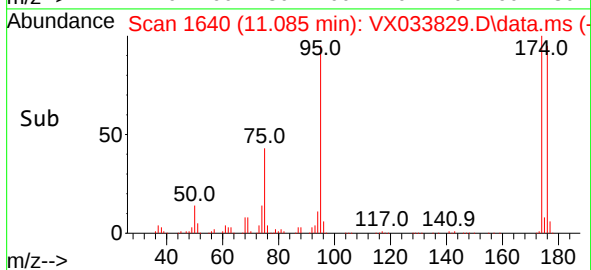
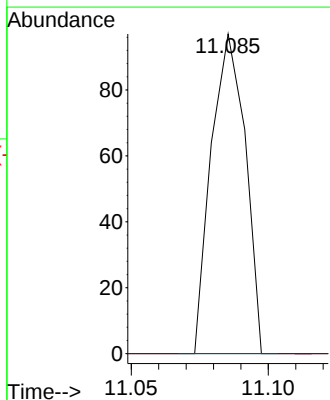
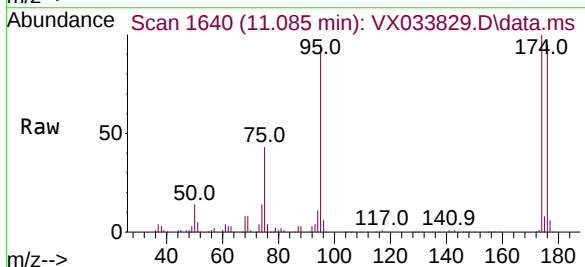
Instrument :
MSVOA_X
ClientSampleId :
IBLK

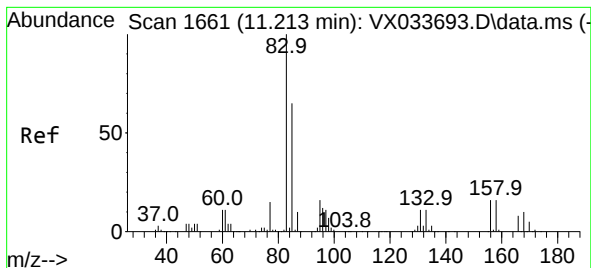
Tgt Ion:152 Resp: 101667
Ion Ratio Lower Upper
152 100
115 53.7 38.7 116.1
150 157.3 0.0 348.2



#73
Isopropylbenzene
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. 0.121 min
Lab File: VX033829.D
Acq: 20 Jan 2023 15:31

Tgt Ion:105 Resp: 84
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.073 min Scan# 1

Delta R.T. -0.140 min

Lab File: VX033829.D

Acq: 20 Jan 2023 15:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

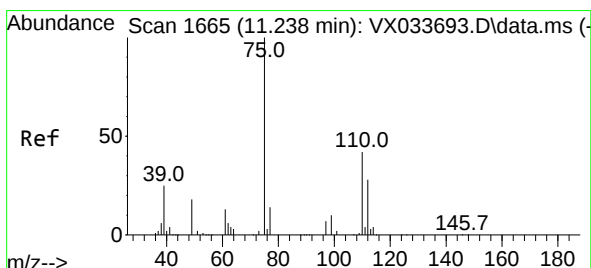
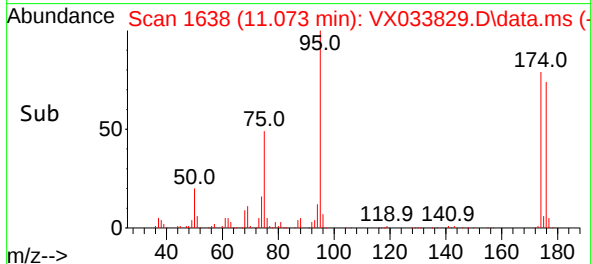
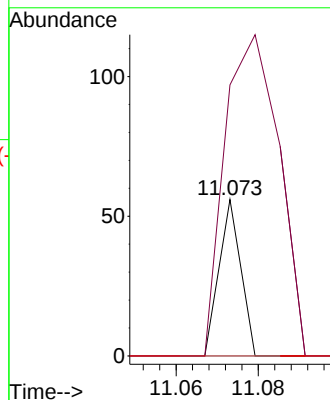
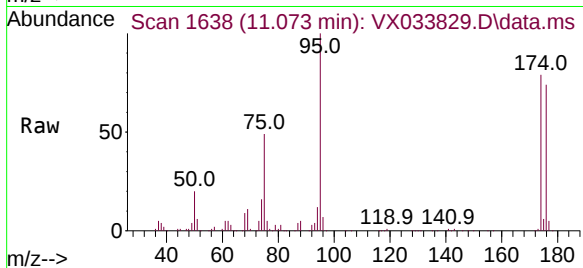
Tgt Ion: 83 Resp: 20

Ion Ratio Lower Upper

83 100

131 525.0 5.5 16.7#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 22.962 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033829.D

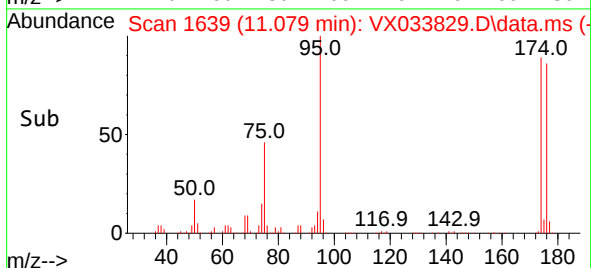
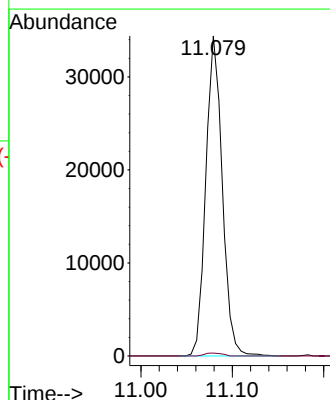
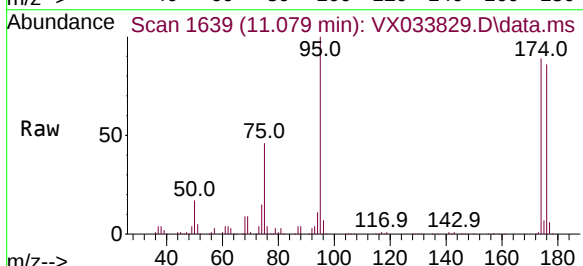
Acq: 20 Jan 2023 15:31

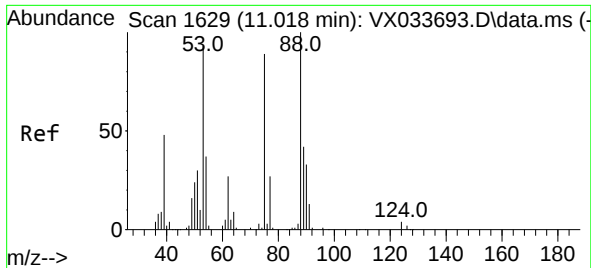
Tgt Ion: 75 Resp: 42892

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.362 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX033829.D
 Acq: 20 Jan 2023 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 42892
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

