

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031789.D
 Acq On : 29 Sep 2022 22:30
 Operator : JC/MD
 Sample : VX0929WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929WBL02

Quant Time: Sep 30 04:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

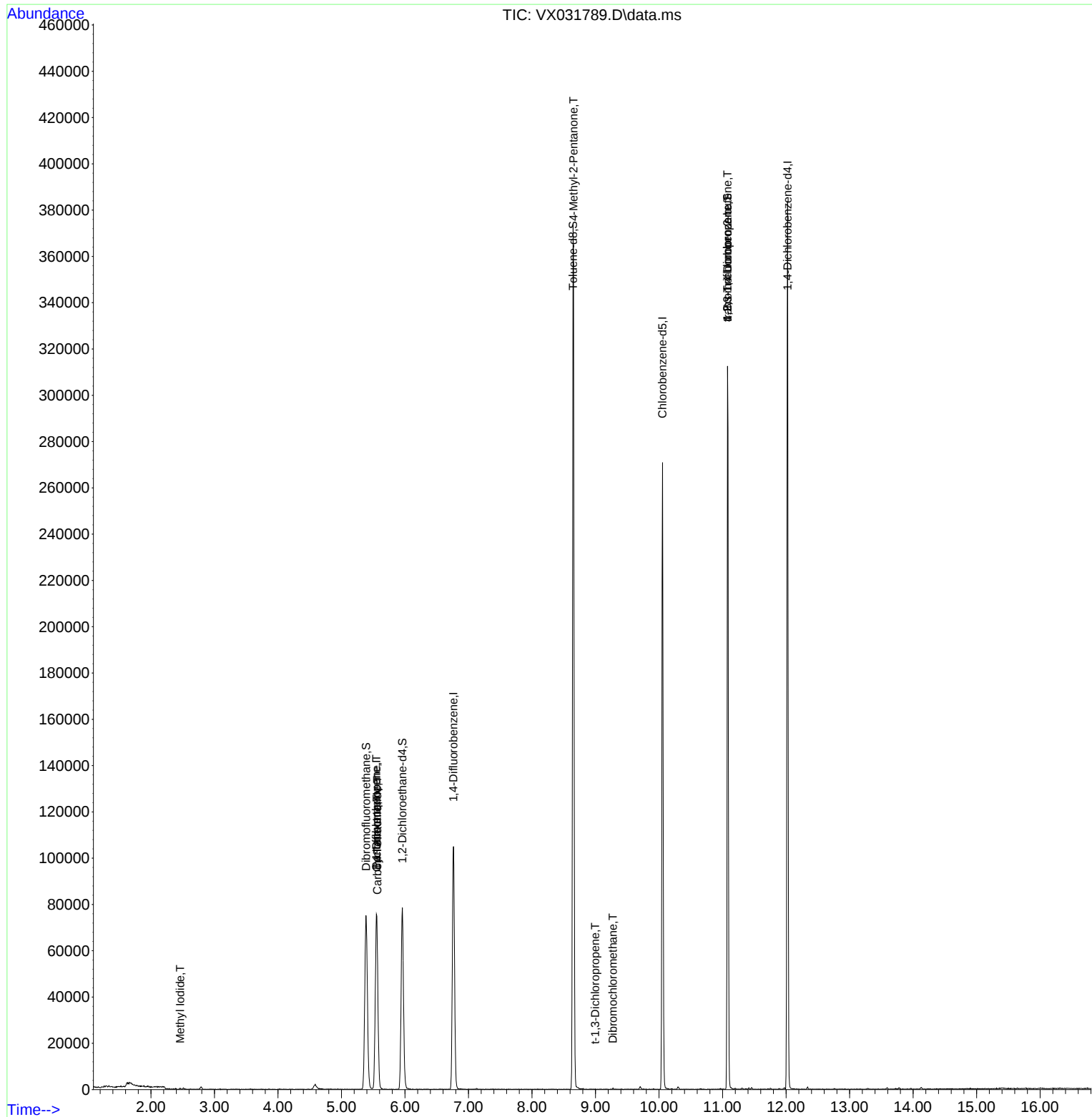
Internal Standards						
1) Pentafluorobenzene	5.550	168	74183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74282	47.179	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.360%
35) Dibromofluoromethane	5.385	113	64845	47.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.647	98	225832	45.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.400%
62) 4-Bromofluorobenzene	11.079	95	81563	44.544	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	117	Below Cal	#	41
5) Bromomethane	1.617	94	443	Below Cal		89
6) Chloroethane	1.685	64	107	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	128	Below Cal	#	70
10) Methyl Iodide	2.459	142	420	0.435 ug/l	#	79
12) 1,1-Dichloroethene	2.319	96	54	Below Cal	#	1
16) Acetone	2.386	43	182	Below Cal	#	45
17) Carbon Disulfide	2.514	76	590	Below Cal	#	75
20) Methylene Chloride	2.782	84	692	Below Cal	#	55
31) Cyclohexane	5.556	56	1563	1.044 ug/l	#	10
36) 1,1-Dichloropropene	5.550	75	5510	3.482 ug/l	#	49
38) Carbon Tetrachloride	5.562	117	7463	4.184 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.653	43	784	0.493 ug/l	#	1
53) t-1,3-Dichloropropene	8.994	75	23	1.896 ug/l	#	44
60) Dibromochloromethane	9.275	129	90	1.594 ug/l	#	11
76) 1,2,3-Trichloropropane	11.079	75	41283	27.951 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	41283	92.339 ug/l	#	11

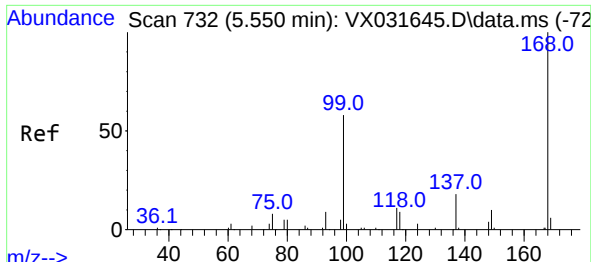
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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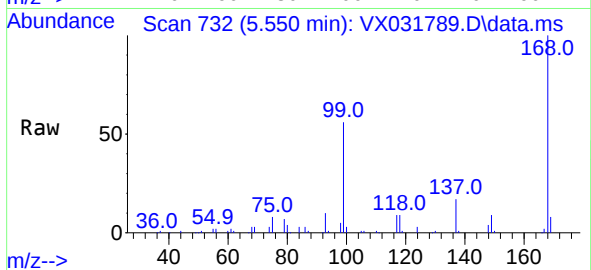
Quant Time: Sep 30 04:42:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



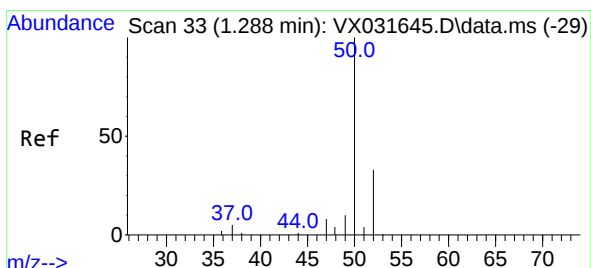
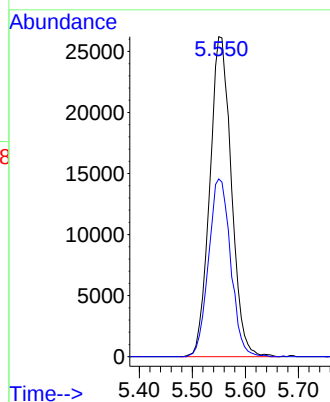
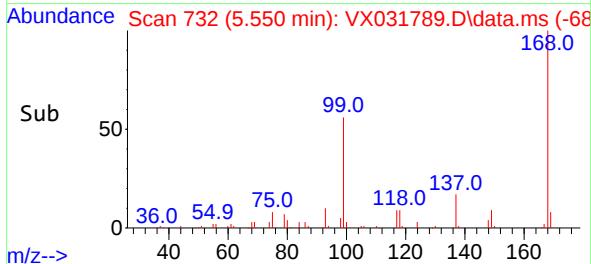


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

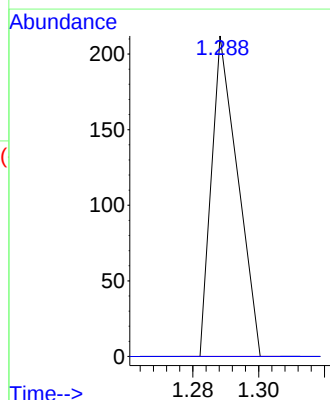
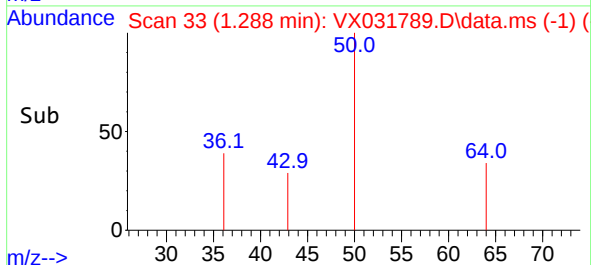
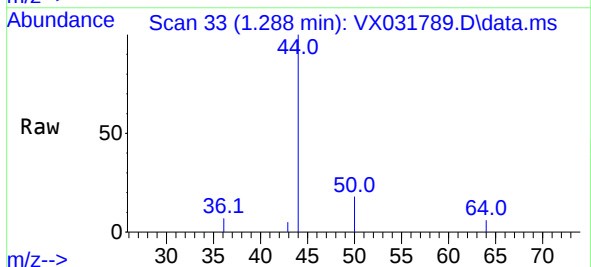


Tgt Ion:168 Resp: 74183
Ion Ratio Lower Upper
168 100
99 55.5 48.8 73.2

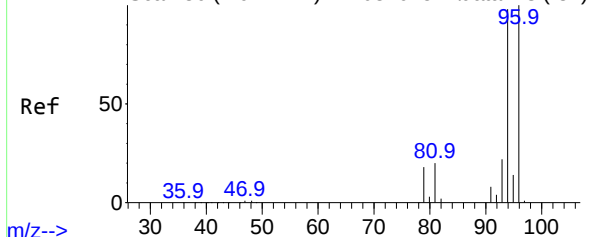


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Tgt Ion: 50 Resp: 117
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX031789.D

Acq: 29 Sep 2022 22:30

Instrument :

MSVOA_X

ClientSampleId :

VX0929WBL02

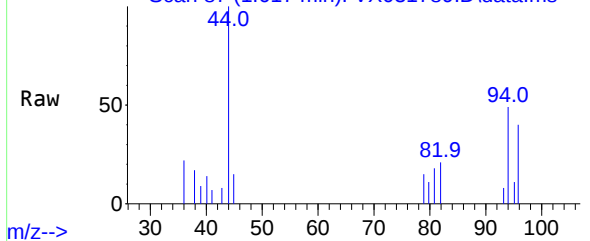
Tgt Ion: 94 Resp: 443

Ion Ratio Lower Upper

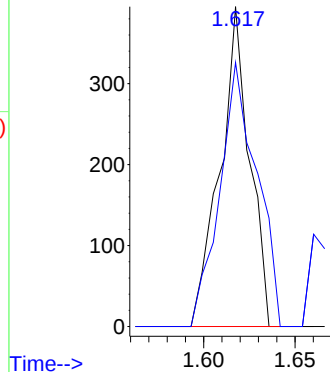
94 100

96 82.5 74.4 111.6

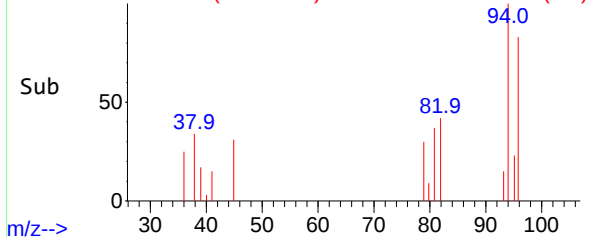
Abundance Scan 87 (1.617 min): VX031789.D\data.ms



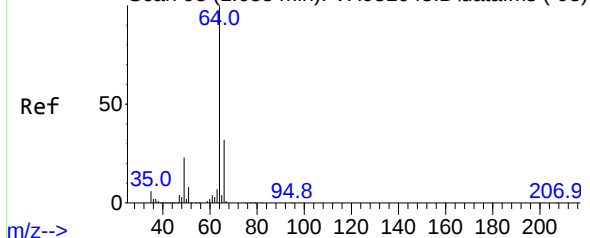
Abundance



Abundance Scan 87 (1.617 min): VX031789.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.685 min Scan# 98

Delta R.T. -0.000 min

Lab File: VX031789.D

Acq: 29 Sep 2022 22:30

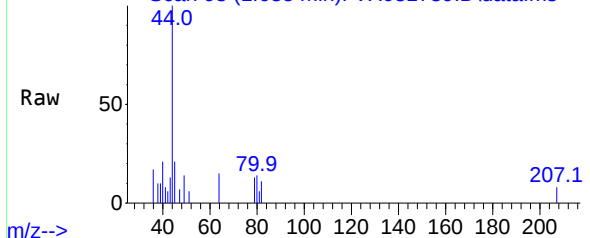
Tgt Ion: 64 Resp: 107

Ion Ratio Lower Upper

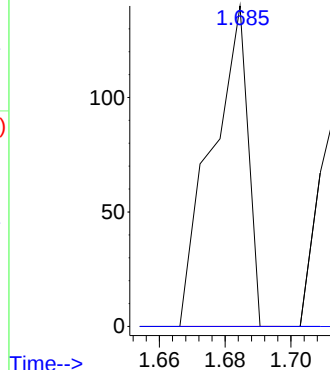
64 100

66 0.0 25.0 37.4#

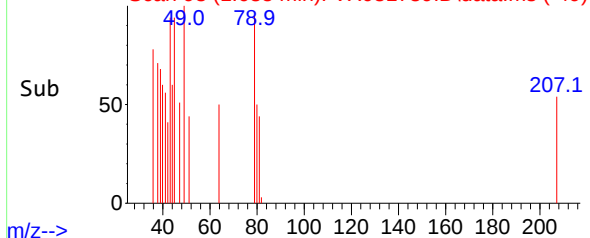
Abundance Scan 98 (1.685 min): VX031789.D\data.ms

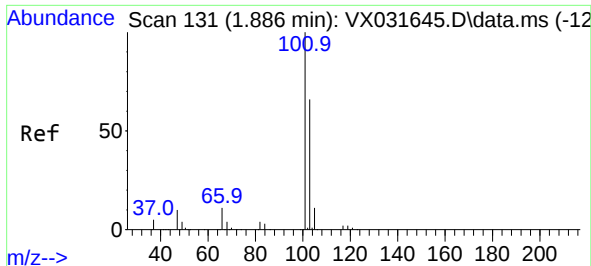


Abundance



Abundance Scan 98 (1.685 min): VX031789.D\data.ms (-49)

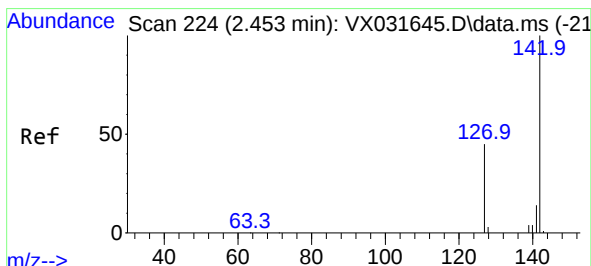
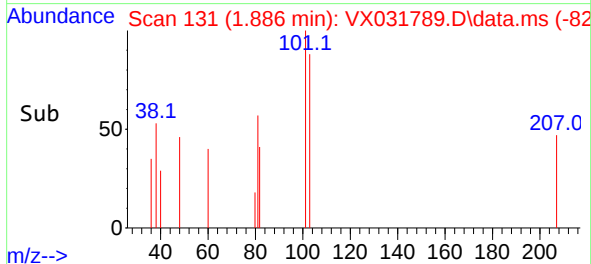
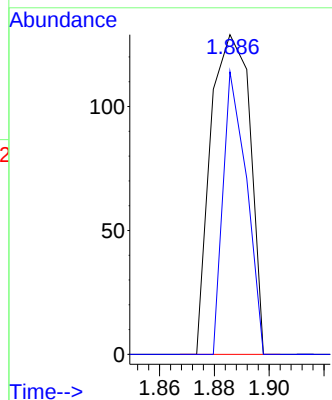
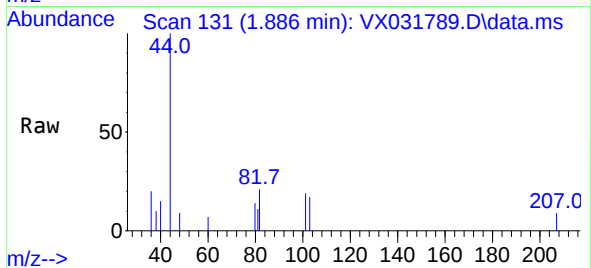




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

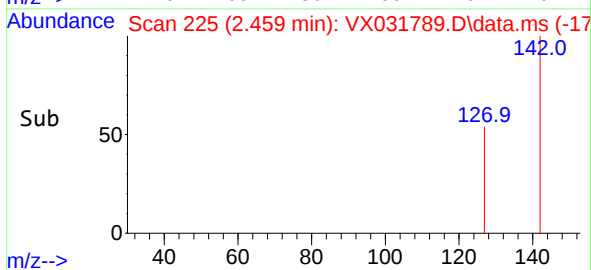
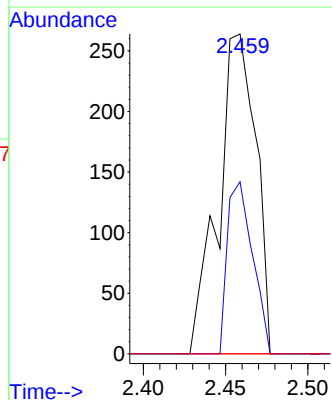
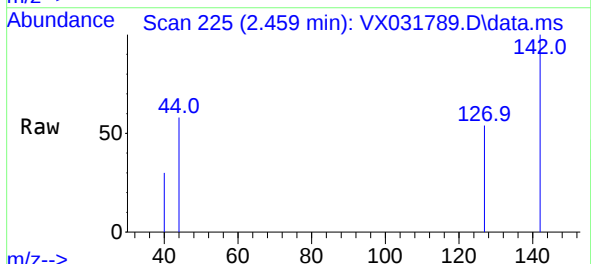
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

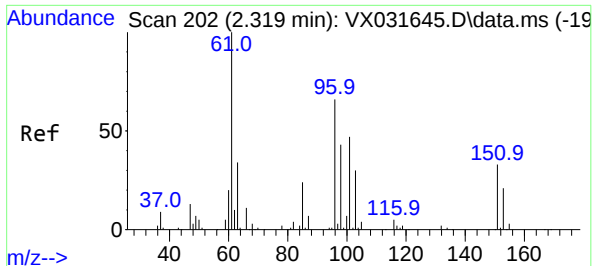
Tgt Ion:101 Resp: 128
Ion Ratio Lower Upper
101 100
103 88.4 51.8 77.6#



#10
Methyl Iodide
Concen: 0.435 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

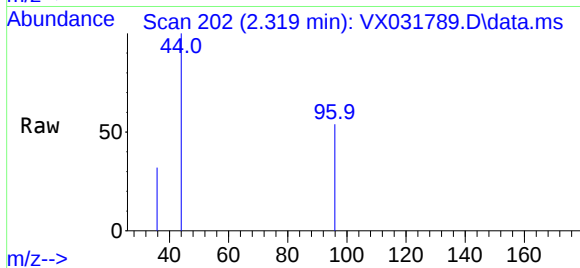
Tgt Ion:142 Resp: 420
Ion Ratio Lower Upper
142 100
127 36.0 37.4 56.0#
141 0.0 11.6 17.4#



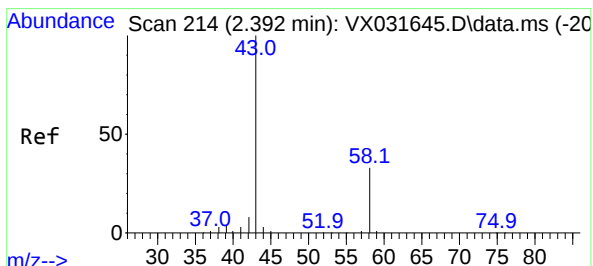
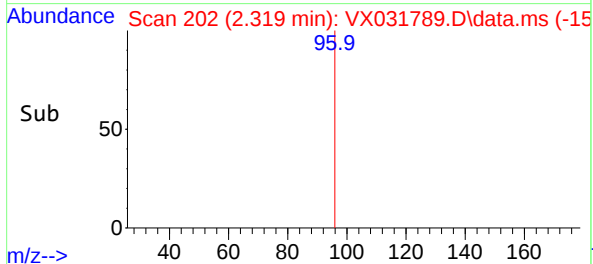
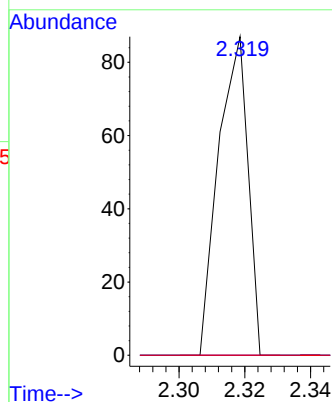


#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

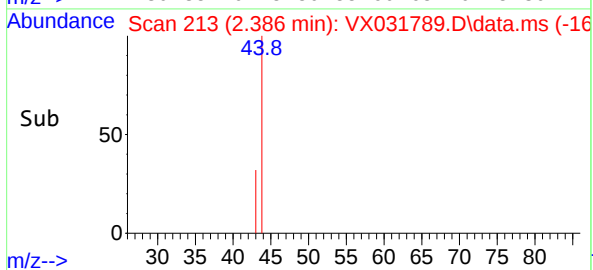
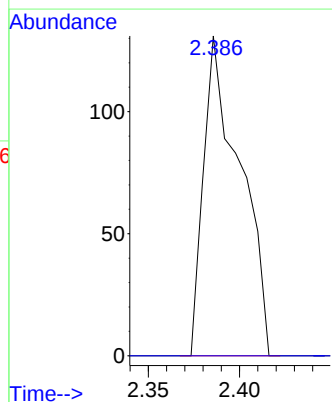
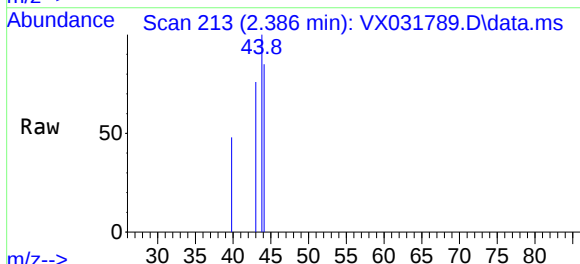


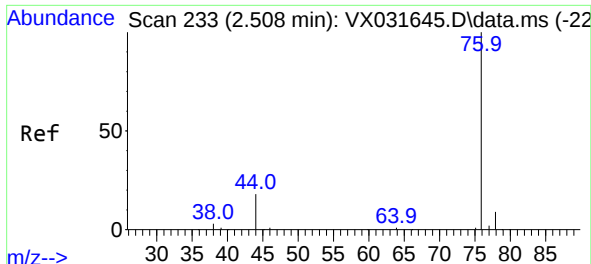
Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 0.0 135.3 202.9#
98 0.0 49.4 74.2#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

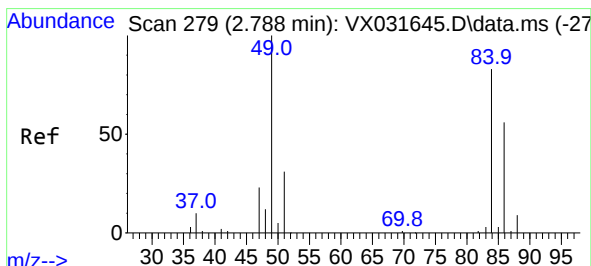
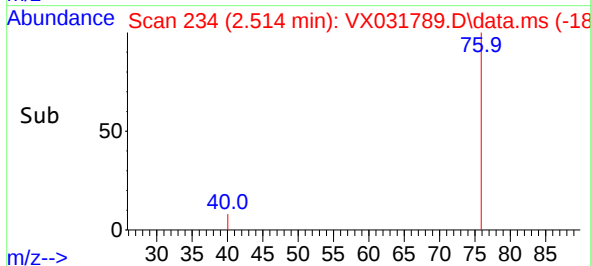
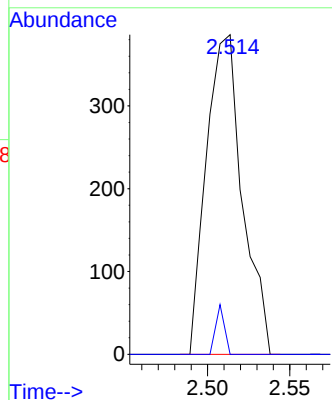
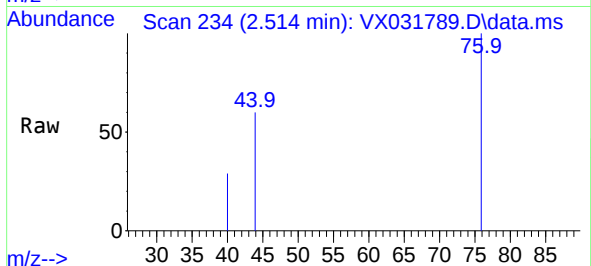




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

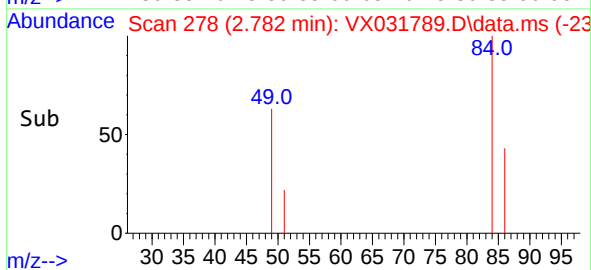
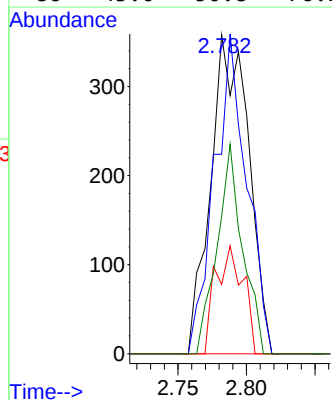
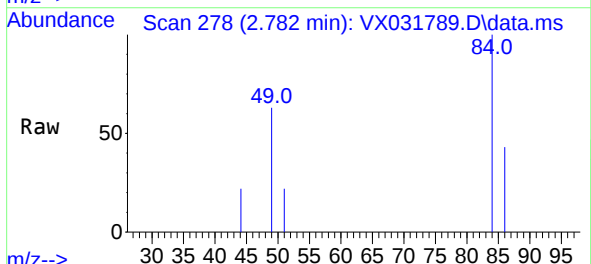
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

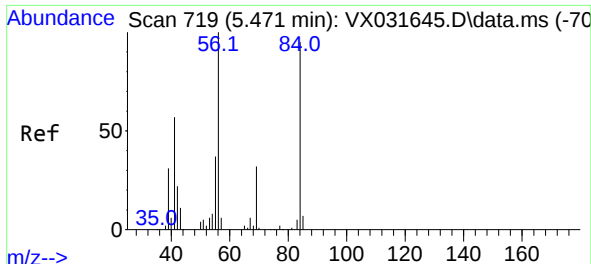
Tgt Ion: 76 Resp: 590
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

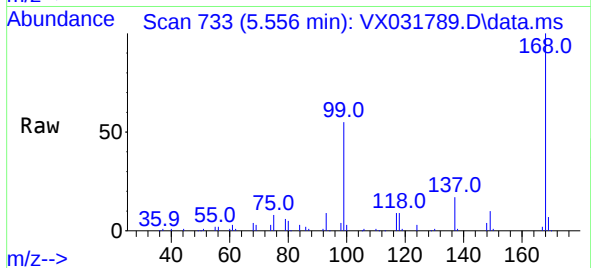
Tgt Ion: 84 Resp: 692
Ion Ratio Lower Upper
84 100
49 62.6 105.9 158.9#
51 21.8 32.2 48.2#
86 43.0 50.8 76.2#



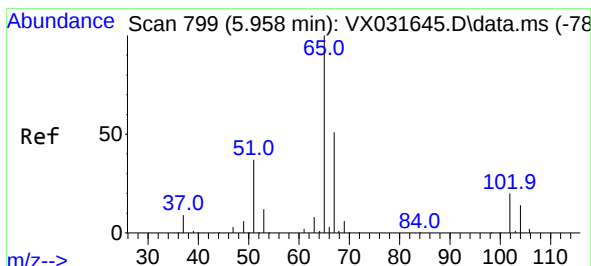
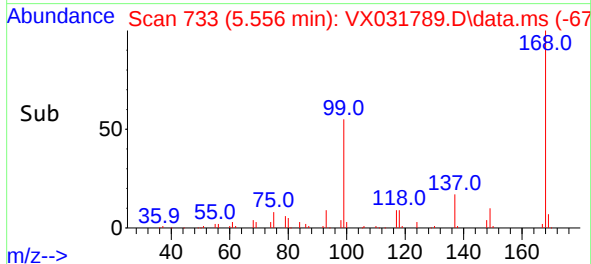
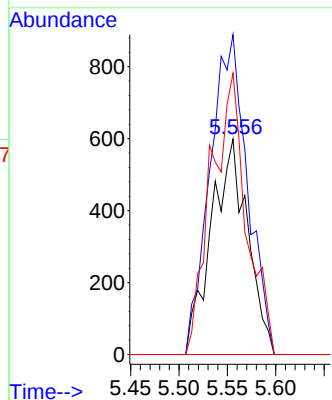


#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

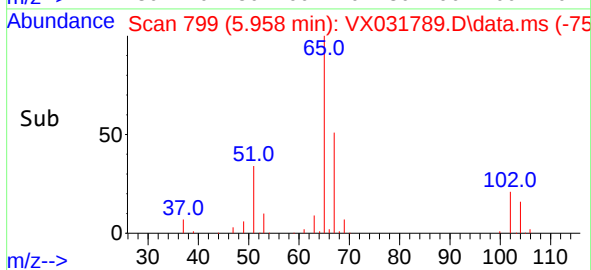
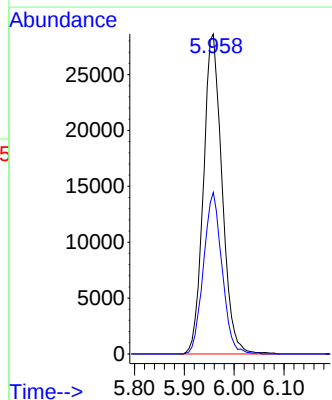
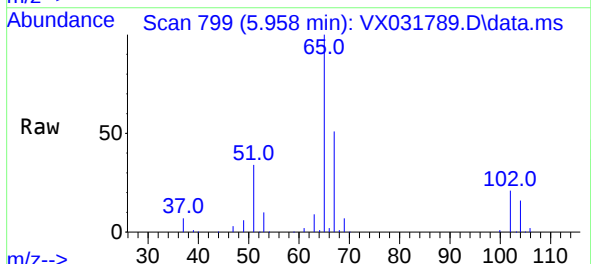


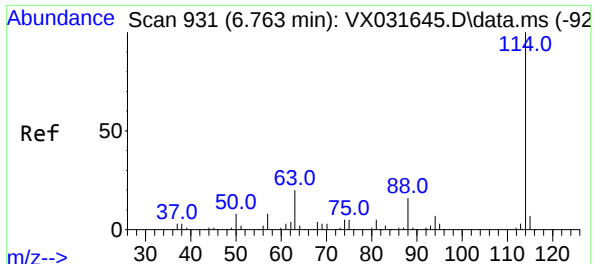
Tgt Ion: 56 Resp: 1563
Ion Ratio Lower Upper
56 100
69 148.4 25.1 37.7#
84 130.6 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 47.179 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Tgt Ion: 65 Resp: 74282
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.4

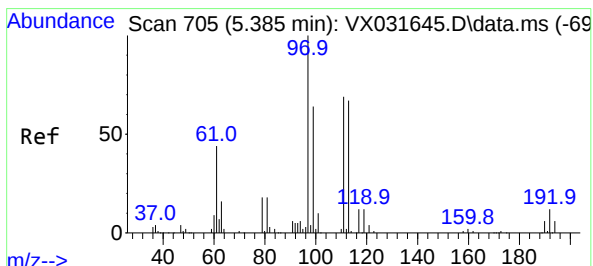
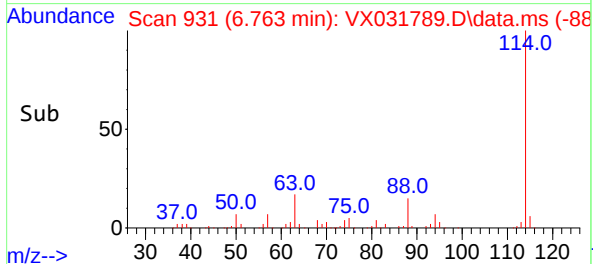
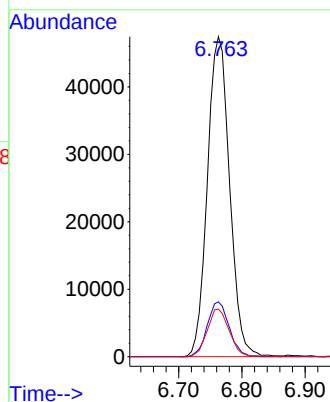
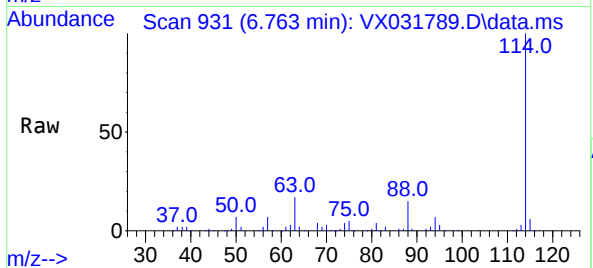




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

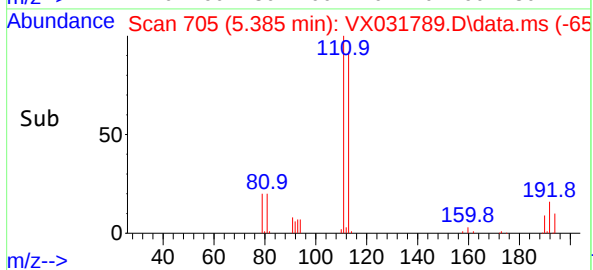
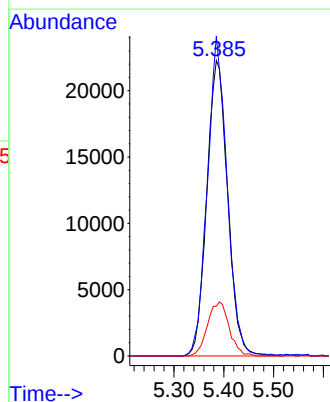
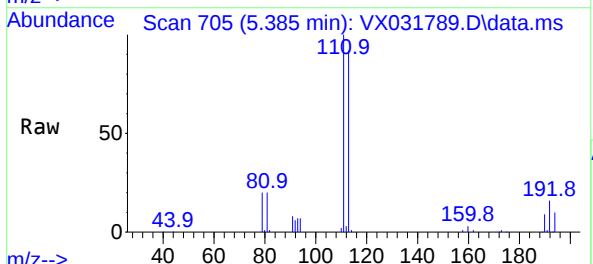
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

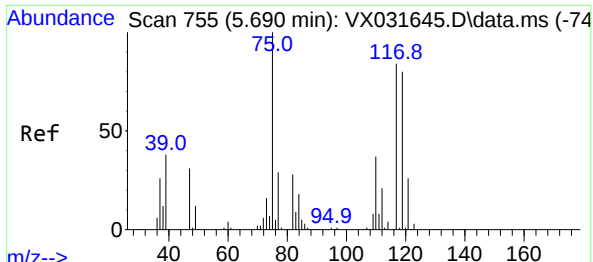
Tgt Ion:114 Resp: 115650
Ion Ratio Lower Upper
114 100
63 17.1 0.0 42.6
88 14.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.058 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Tgt Ion:113 Resp: 64845
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.9 14.1 21.1

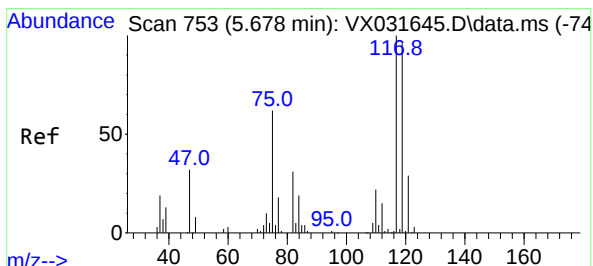
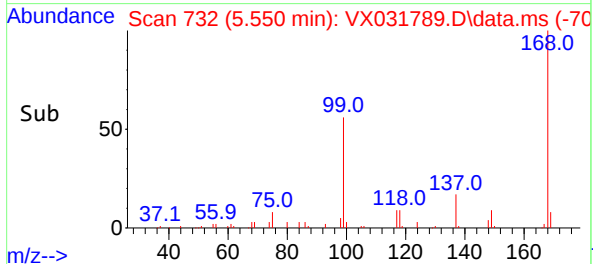
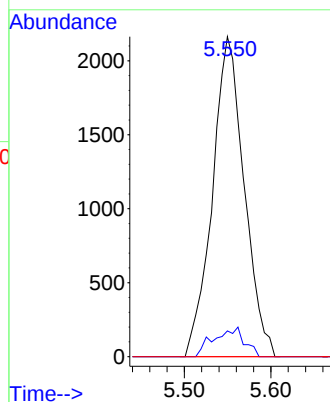
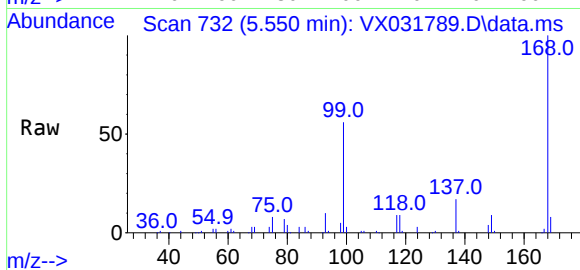




#36
1,1-Dichloropropene
Concen: 3.482 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

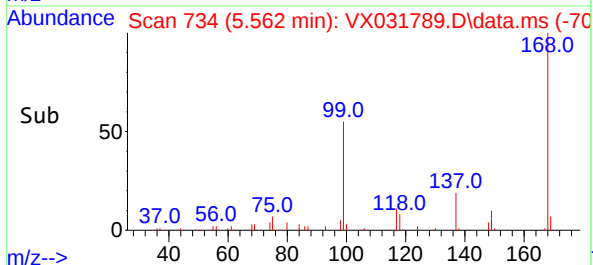
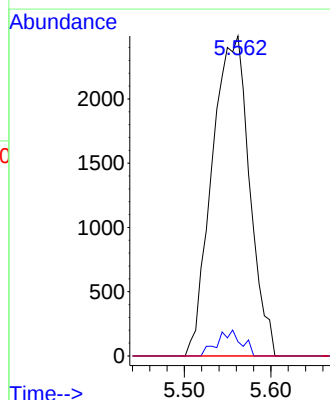
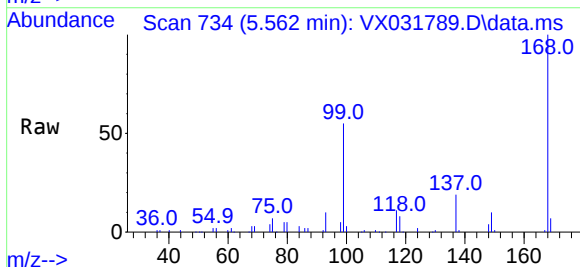
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

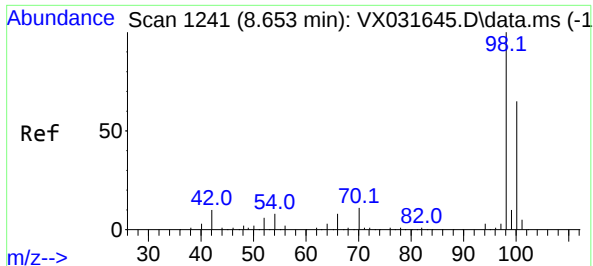
Tgt Ion: 75 Resp: 5510
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.184 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Tgt Ion: 117 Resp: 7463
Ion Ratio Lower Upper
117 100
119 4.4 74.6 112.0#
121 0.0 25.3 37.9#

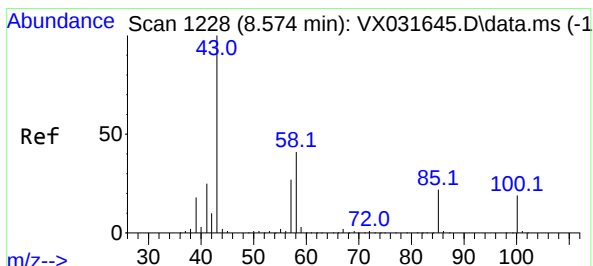
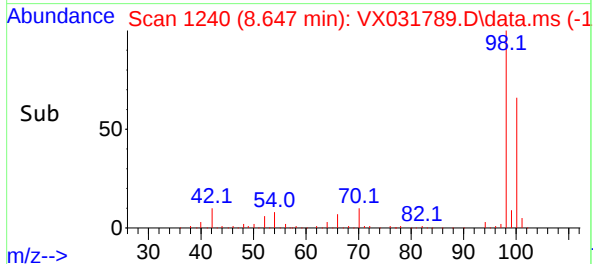
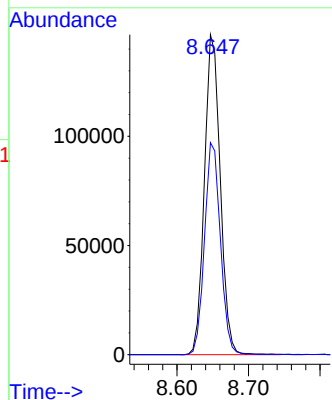
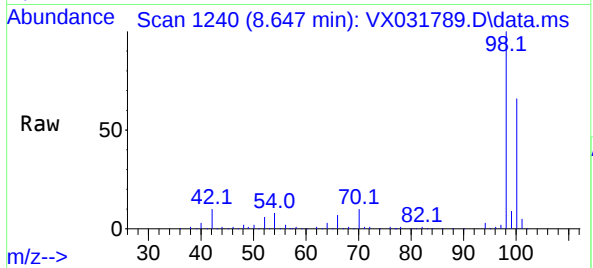




#50
Toluene-d8
Concen: 45.204 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

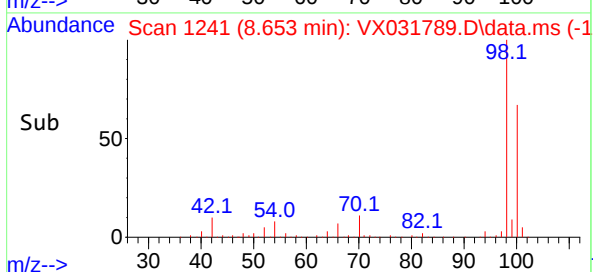
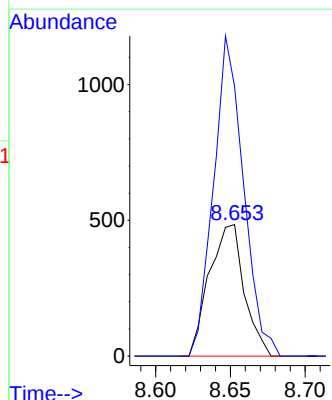
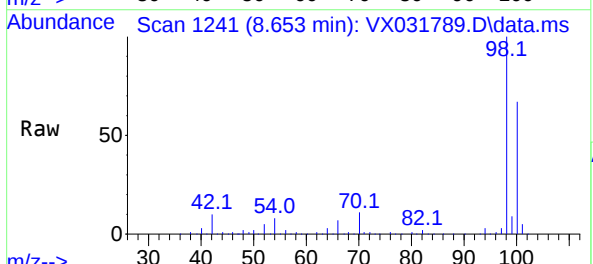
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

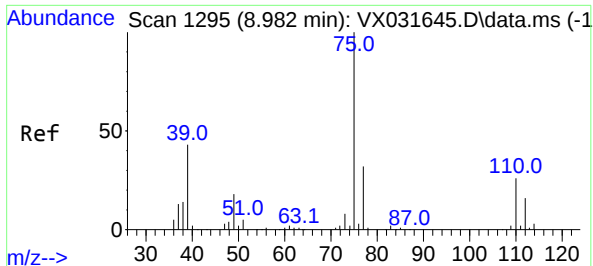
Tgt Ion: 98 Resp: 225832
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.493 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 209.3 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 1.896 ug/l

RT: 8.994 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX031789.D

Acq: 29 Sep 2022 22:30

Instrument :

MSVOA_X

ClientSampleId :

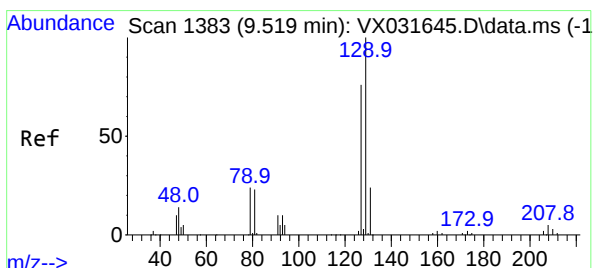
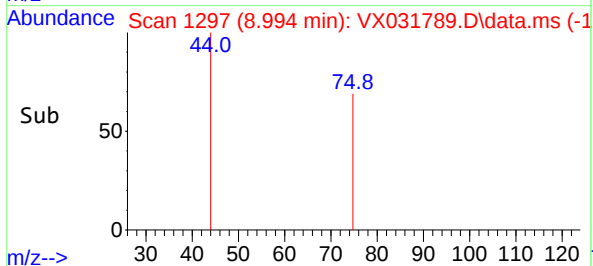
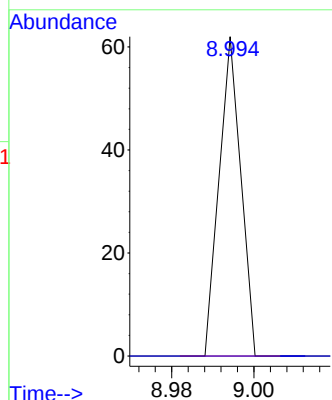
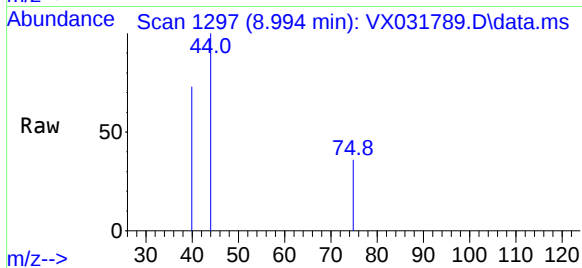
VX0929WBL02

Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



#60

Dibromochloromethane

Concen: 1.594 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX031789.D

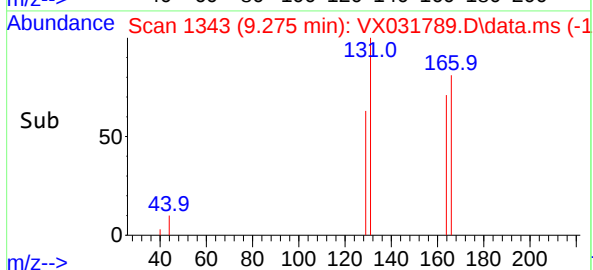
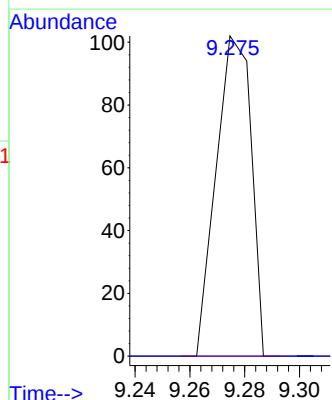
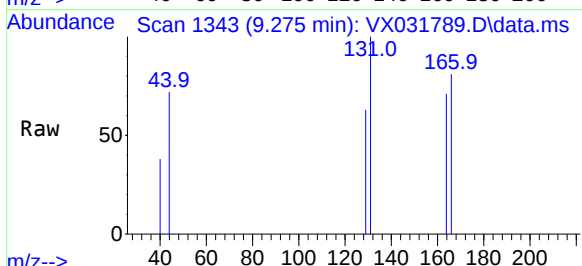
Acq: 29 Sep 2022 22:30

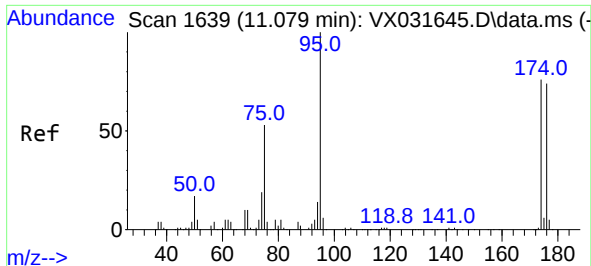
Tgt Ion:129 Resp: 90

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#

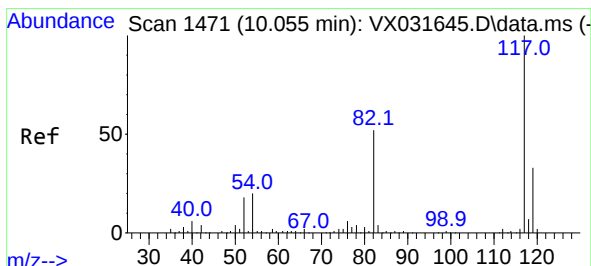
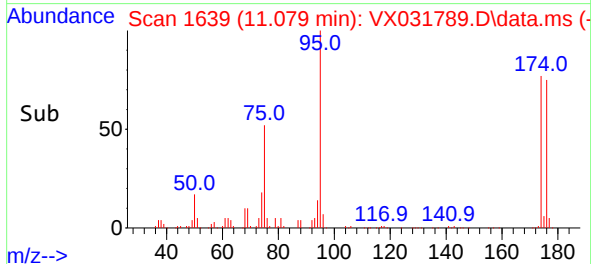
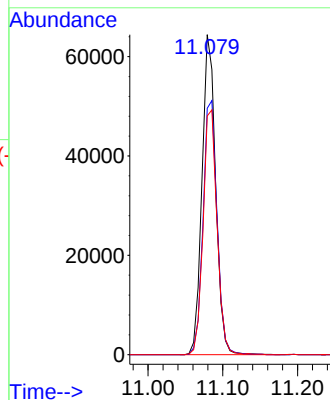
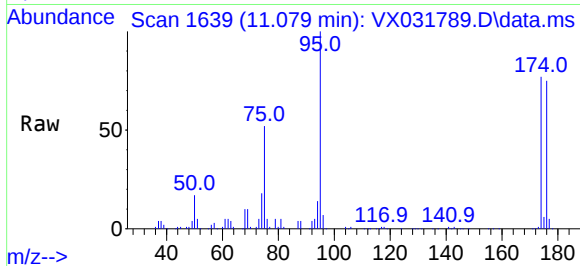




#62
4-Bromofluorobenzene
Concen: 44.544 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

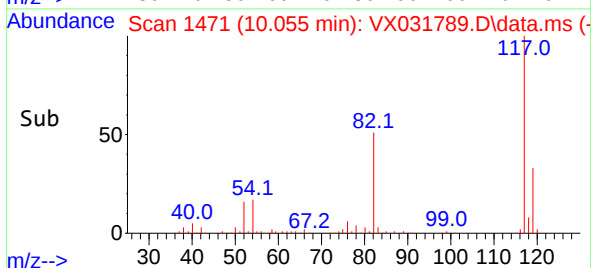
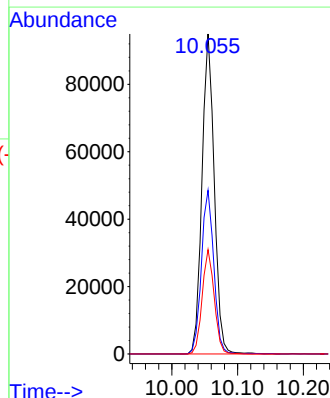
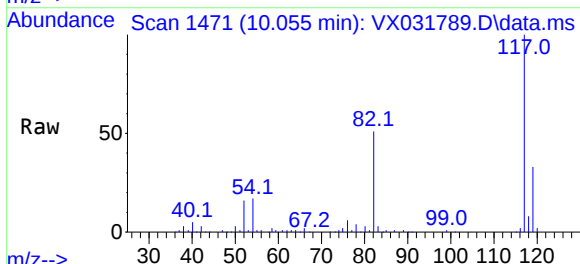
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

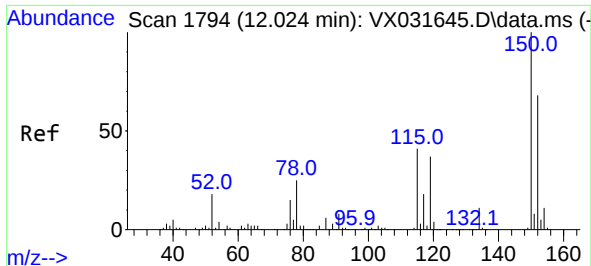
Tgt Ion: 95 Resp: 81563
Ion Ratio Lower Upper
95 100
174 81.7 0.0 153.2
176 78.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Tgt Ion: 117 Resp: 123050
Ion Ratio Lower Upper
117 100
82 51.2 46.8 70.2
119 32.6 26.4 39.6

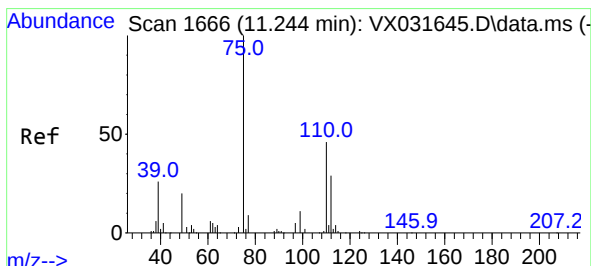
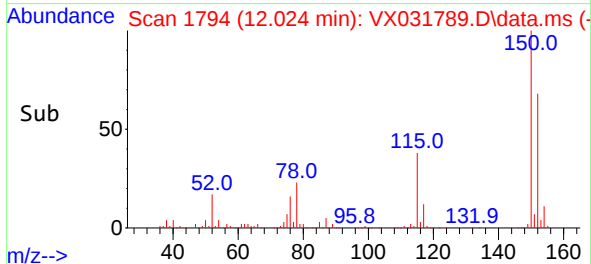
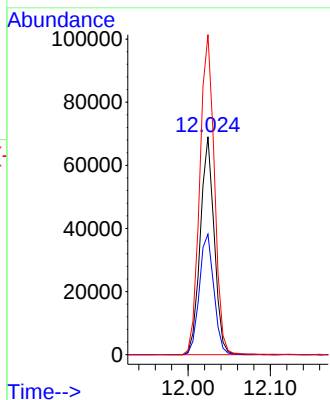
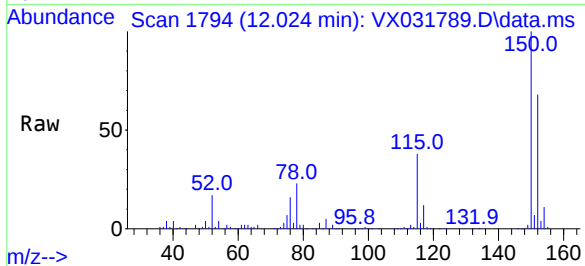




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

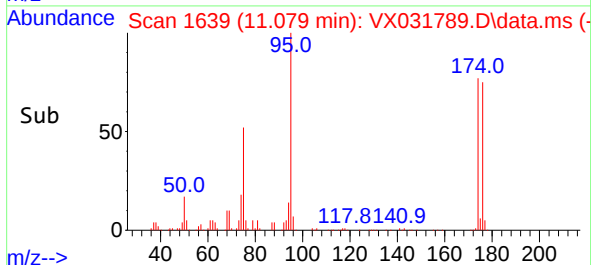
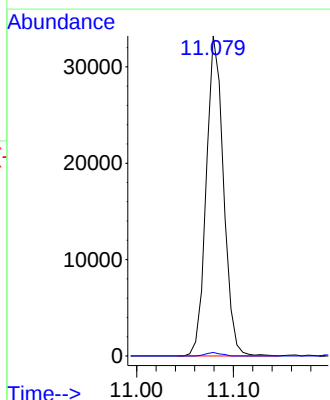
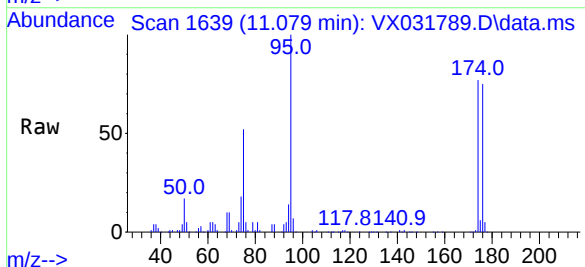
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

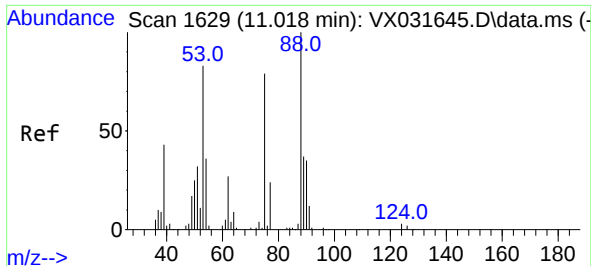
Tgt Ion:152 Resp: 81470
Ion Ratio Lower Upper
152 100
115 57.7 43.4 130.1
150 154.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.951 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Tgt Ion: 75 Resp: 41283
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.339 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031789.D
Acq: 29 Sep 2022 22:30

Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL02

Tgt Ion: 75 Resp: 41283
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

