

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032981.D
 Acq On : 22 Nov 2022 15:58
 Operator : JC/MD
 Sample : VX1122MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122MBL01

Quant Time: Nov 23 05:49:11 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)

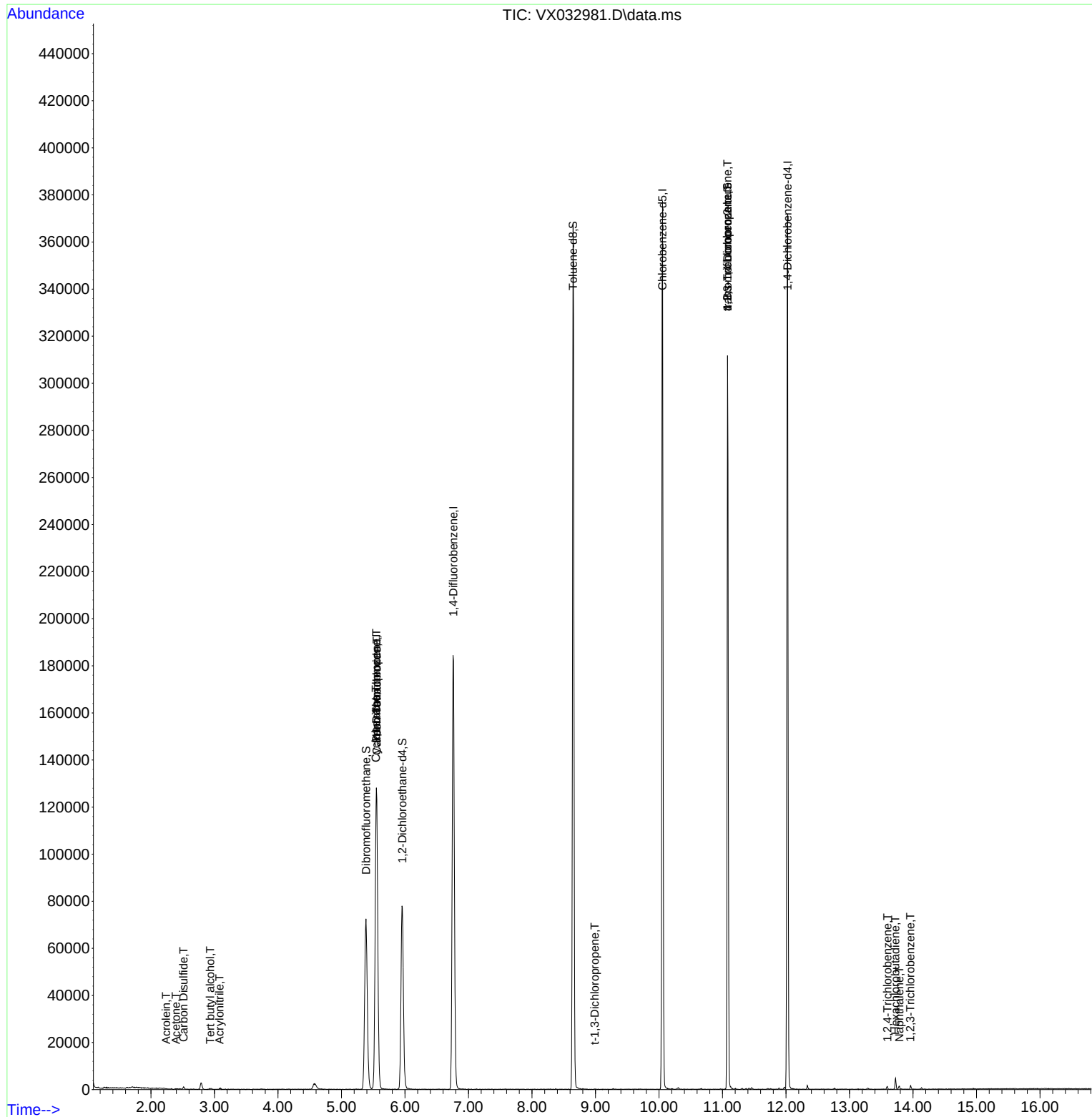
Internal Standards						
1) Pentafluorobenzene	5.550	168	121286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79756	68.453	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 136.900%#		
35) Dibromofluoromethane	5.385	113	62586	58.617	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 117.240%		
50) Toluene-d8	8.647	98	214452	67.510	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 135.020%#		
62) 4-Bromofluorobenzene	11.079	95	76396	54.469	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.940%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.935	59	190	1.015	ug/l #	72
13) Acrolein	2.240	56	71	0.330	ug/l #	14
15) Acrylonitrile	3.081	53	160	0.302	ug/l #	82
16) Acetone	2.392	43	172	0.312	ug/l #	45
17) Carbon Disulfide	2.514	76	1161	0.397	ug/l #	94
20) Methylene Chloride	2.794	84	1407	Below Cal	#	95
31) Cyclohexane	5.544	56	2718	1.420	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	9238	5.411	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12596	6.651	ug/l #	15
53) t-1,3-Dichloropropene	8.988	75	45	1.540	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	42222	28.479	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42222	92.569	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.597	180	496	0.321	ug/l	84
94) Hexachlorobutadiene	13.719	225	657	0.962	ug/l	95
95) Naphthalene	13.786	128	1391	0.278	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	401	0.258	ug/l	75

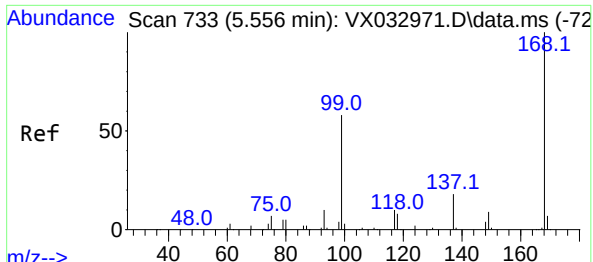
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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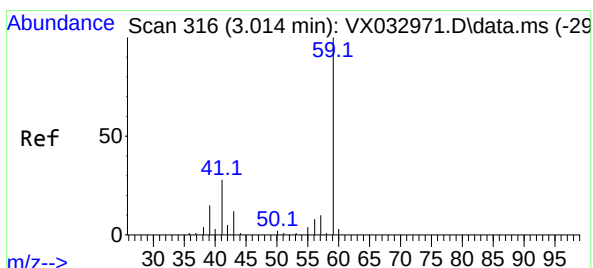
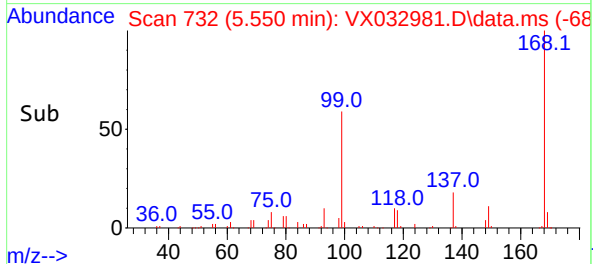
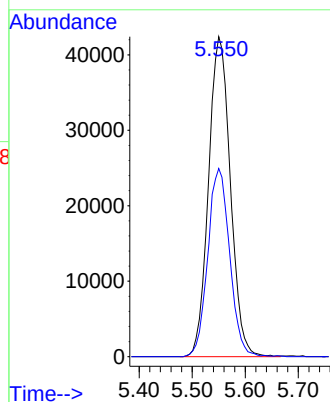
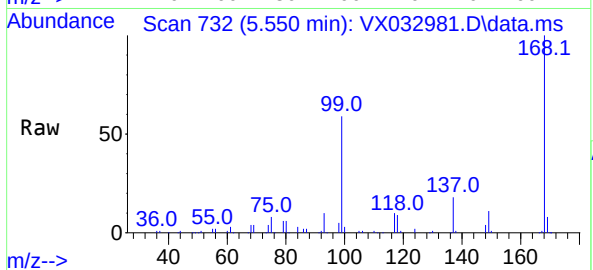




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

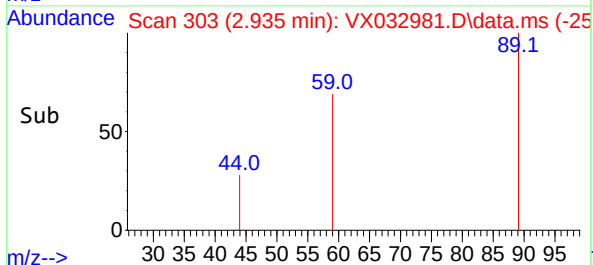
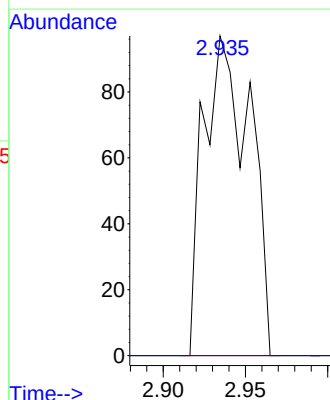
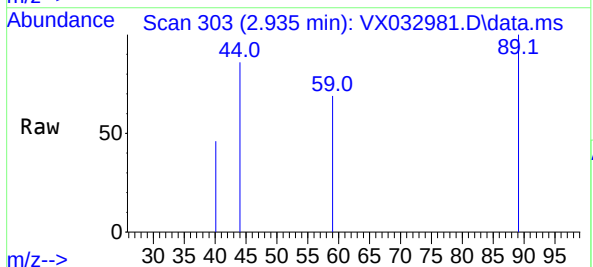
Instrument :
MSVOA_X
ClientSampleId :
VX1122MBL01

Tgt Ion:168 Resp: 121286
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1

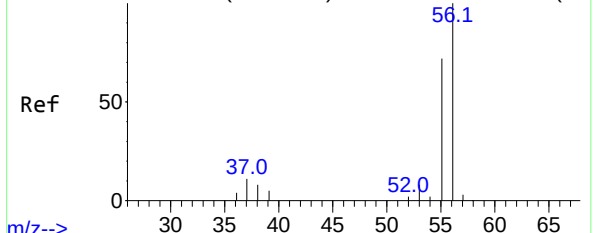


#11
Tert butyl alcohol
Concen: 1.015 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.030 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

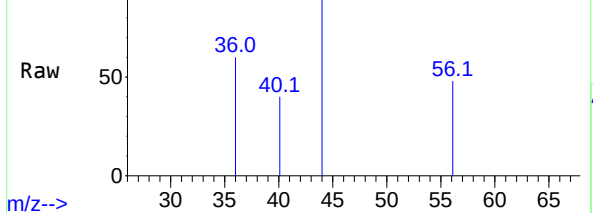


Abundance Scan 189 (2.239 min): VX032971.D\data.ms (-18



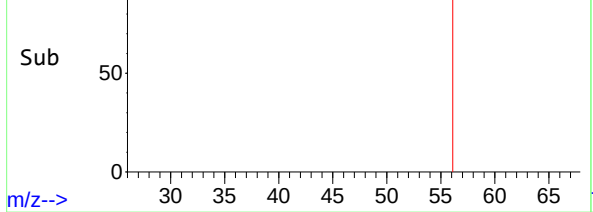
m/z-->

Abundance Scan 189 (2.240 min): VX032981.D\data.ms



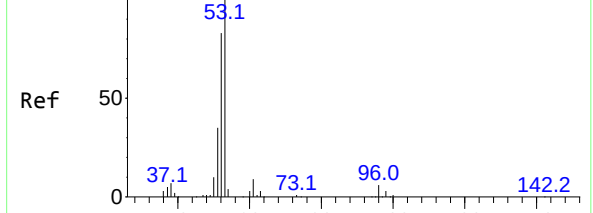
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Abundance Scan 189 (2.240 min): VX032981.D\data.ms (-13



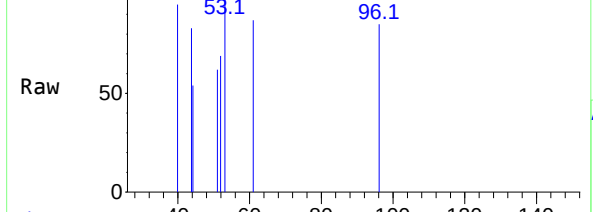
m/z-->

Abundance Scan 325 (3.069 min): VX032971.D\data.ms (-31



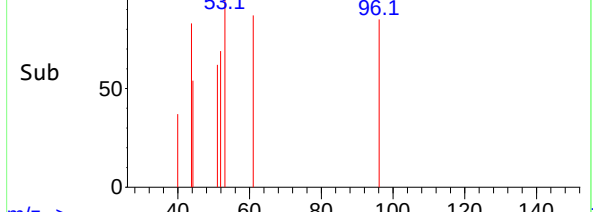
m/z-->

Abundance Scan 327 (3.081 min): VX032981.D\data.ms



m/z-->

Abundance Scan 327 (3.081 min): VX032981.D\data.ms (-27



m/z-->

#13

Acrolein

Concen: 0.330 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX032981.D

Acq: 22 Nov 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX1122MBL01

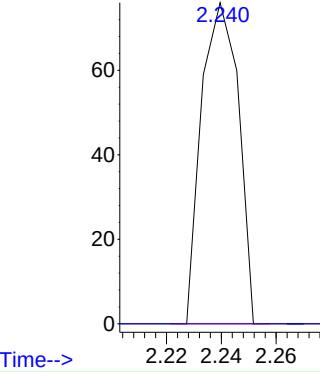
Tgt Ion: 56 Resp: 71

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#

Abundance



Time-->

#15

Acrylonitrile

Concen: 0.302 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.019 min

Lab File: VX032981.D

Acq: 22 Nov 2022 15:58

Tgt Ion: 53 Resp: 160

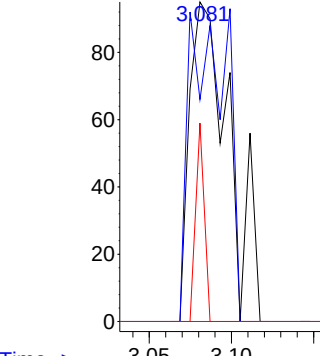
Ion Ratio Lower Upper

53 100

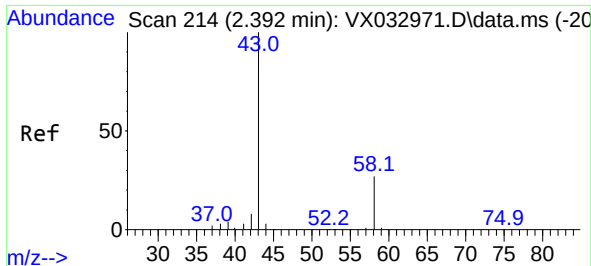
52 91.3 67.4 101.0

51 13.8 30.3 45.5#

Abundance



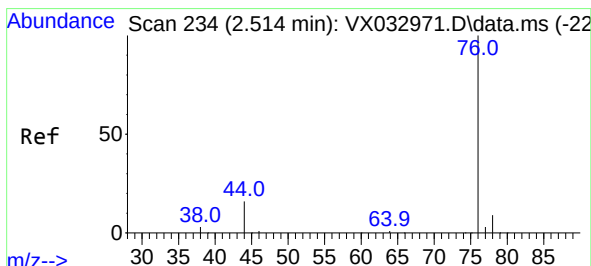
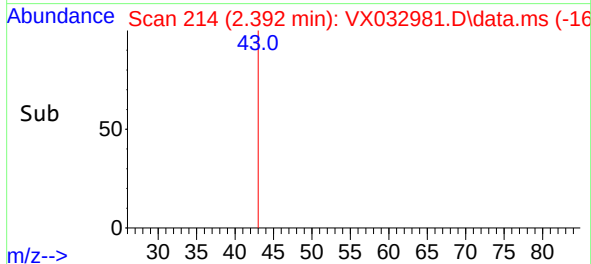
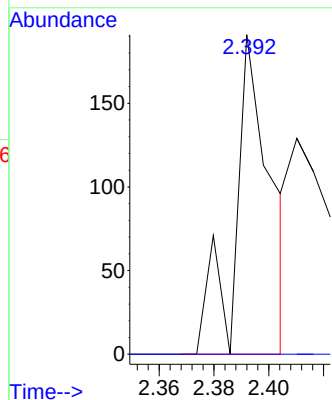
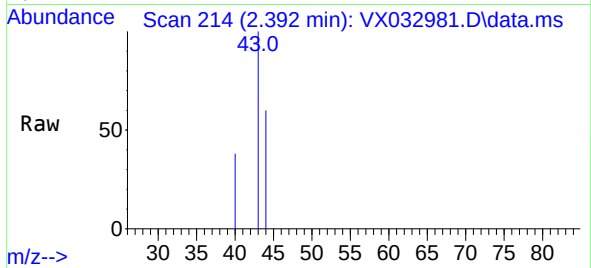
Time-->



#16
Acetone
Concen: 0.312 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

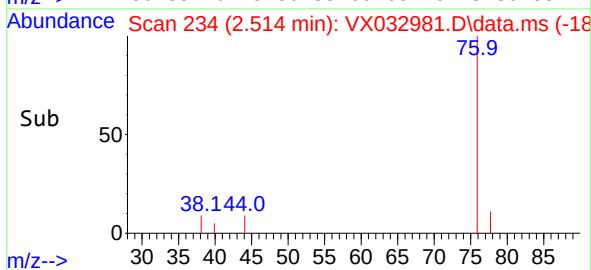
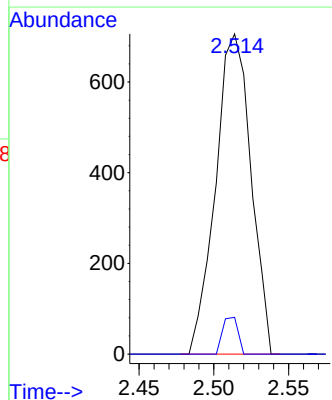
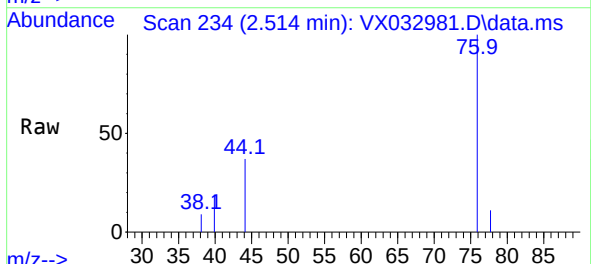
Instrument :
MSVOA_X
ClientSampleId :
VX1122MBL01

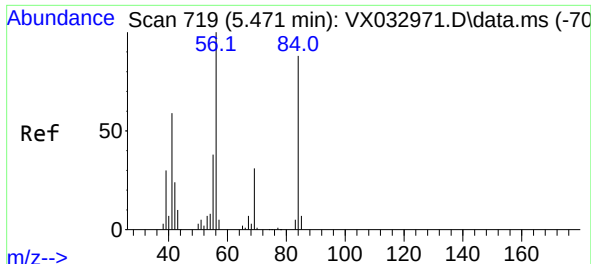
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.397 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

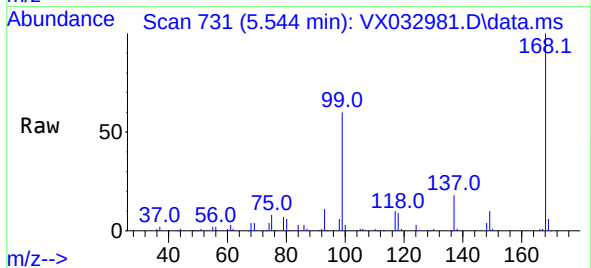
Tgt Ion: 76 Resp: 1161
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#



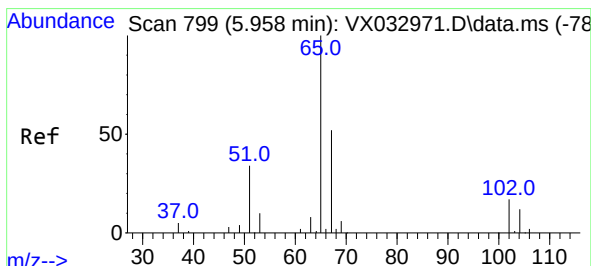
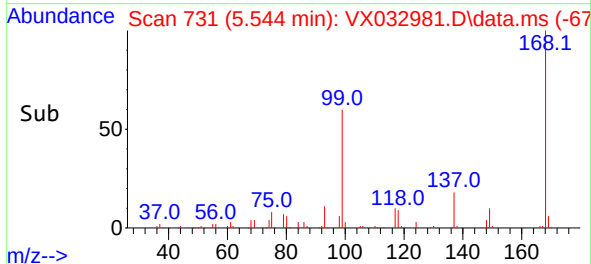
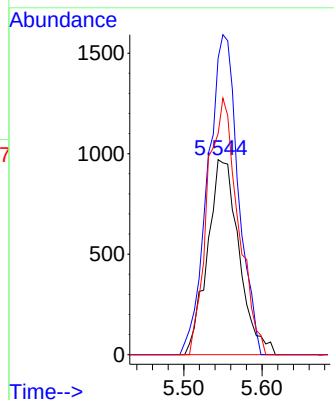


#31
Cyclohexane
Concen: 1.420 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX1122MBL01

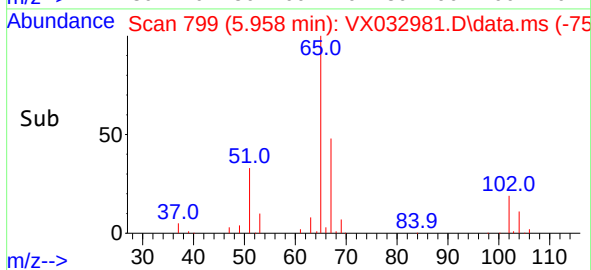
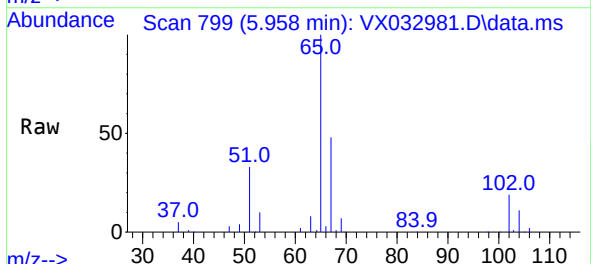
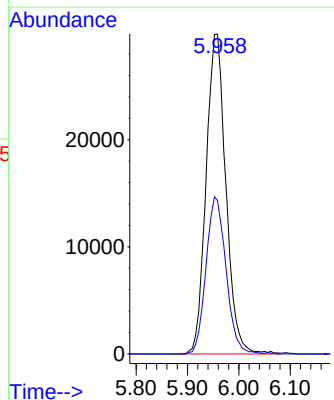


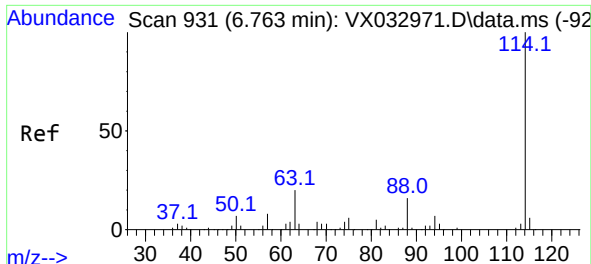
Tgt Ion: 56 Resp: 2718
Ion Ratio Lower Upper
56 100
69 152.2 24.1 36.1#
84 113.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 68.453 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

Tgt Ion: 65 Resp: 79756
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

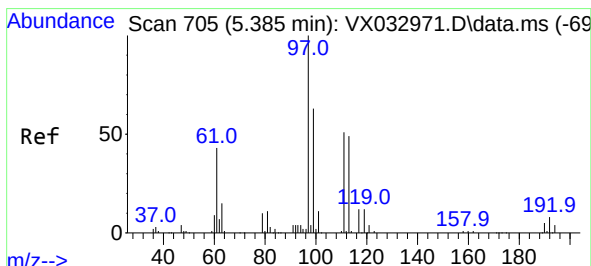
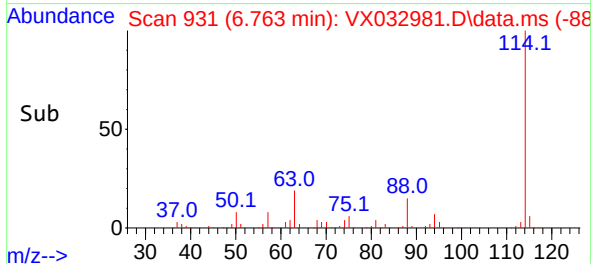
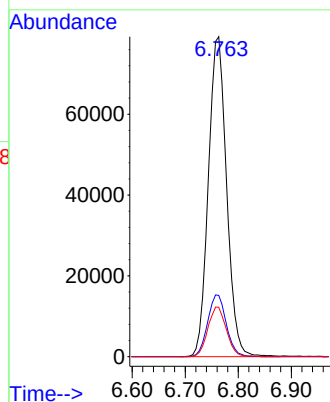
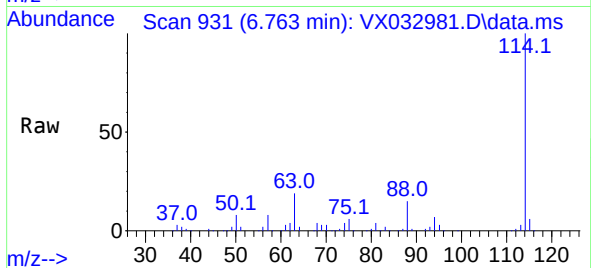




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

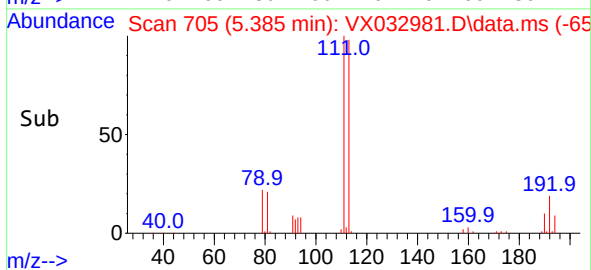
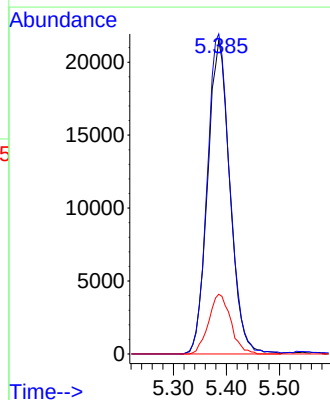
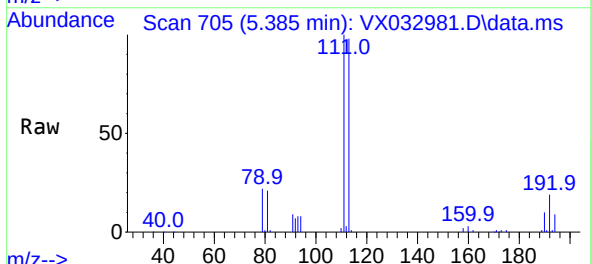
Instrument :
MSVOA_X
ClientSampleId :
VX1122MBL01

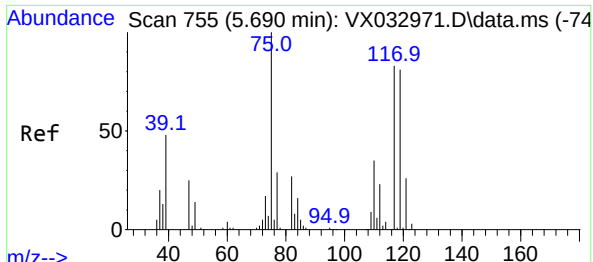
Tgt Ion:114 Resp: 189391
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 58.617 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

Tgt Ion:113 Resp: 62586
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.411 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032981.D

Acq: 22 Nov 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX1122MBL01

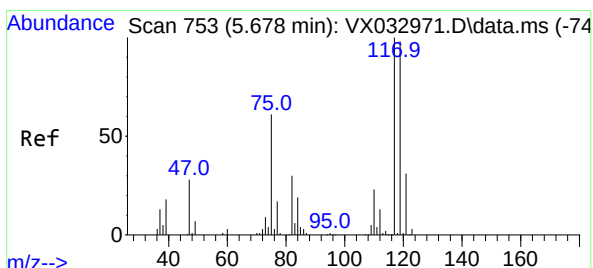
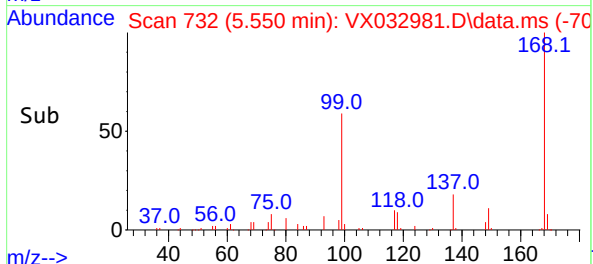
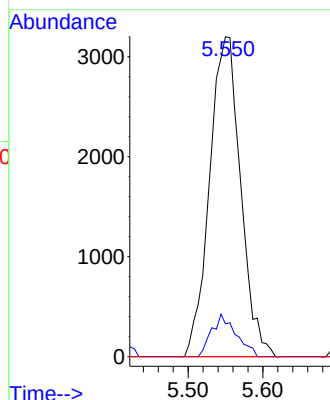
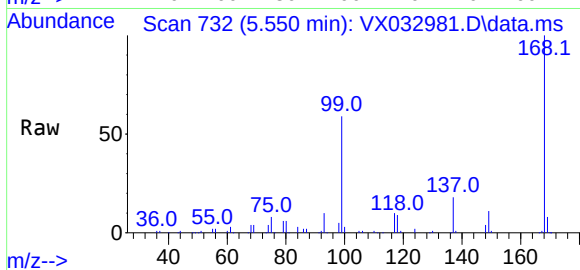
Tgt Ion: 75 Resp: 9238

Ion Ratio Lower Upper

75 100

110 10.4 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.651 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032981.D

Acq: 22 Nov 2022 15:58

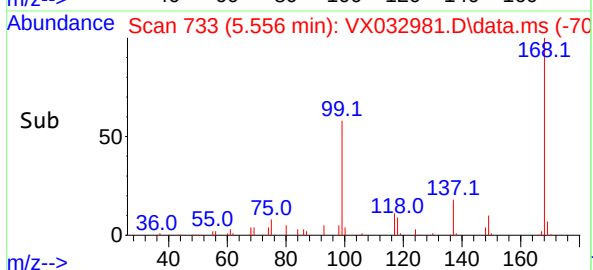
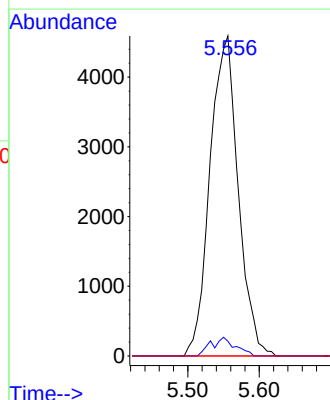
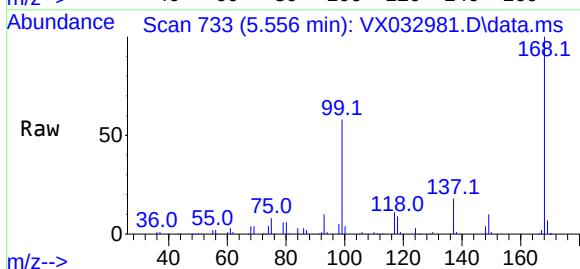
Tgt Ion: 117 Resp: 12596

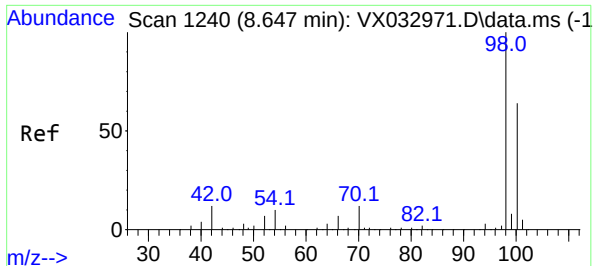
Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 67.510 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032981.D

Acq: 22 Nov 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

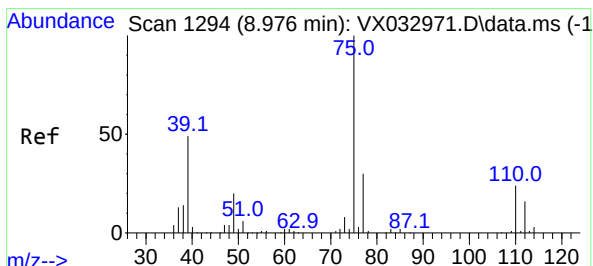
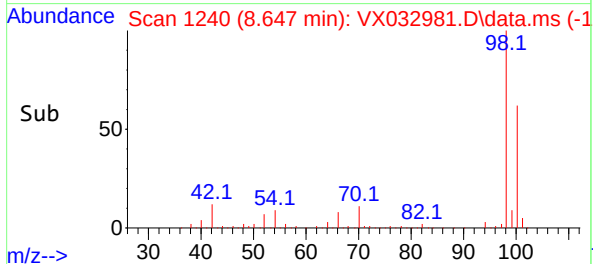
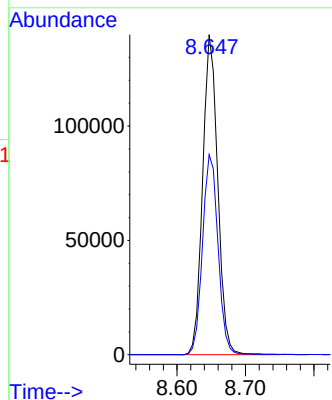
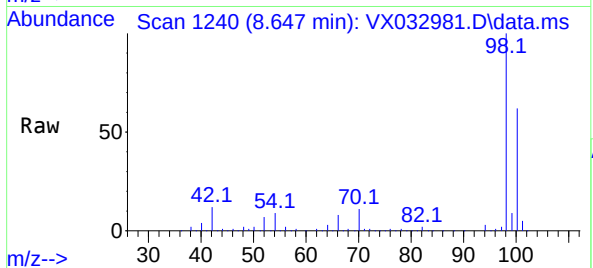
VX1122MBL01

Tgt Ion: 98 Resp: 214452

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3



#53

t-1,3-Dichloropropene

Concen: 1.540 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VX032981.D

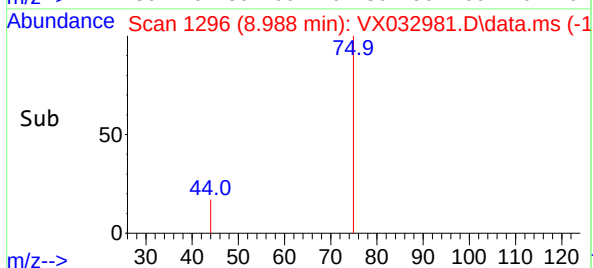
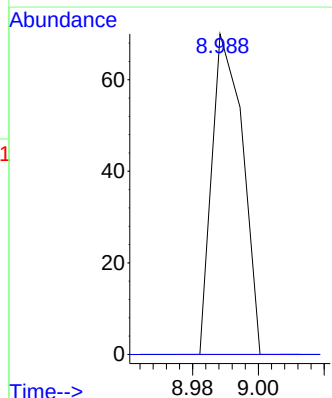
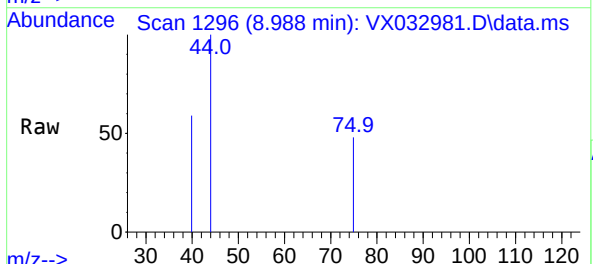
Acq: 22 Nov 2022 15:58

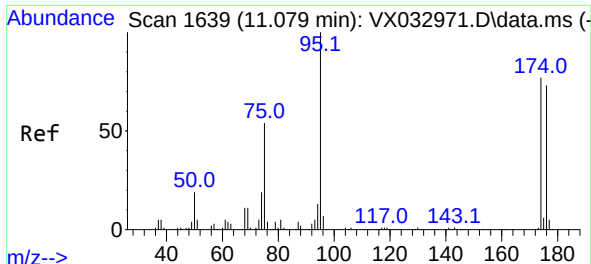
Tgt Ion: 75 Resp: 45

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

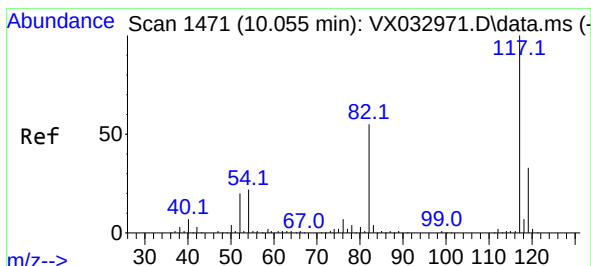
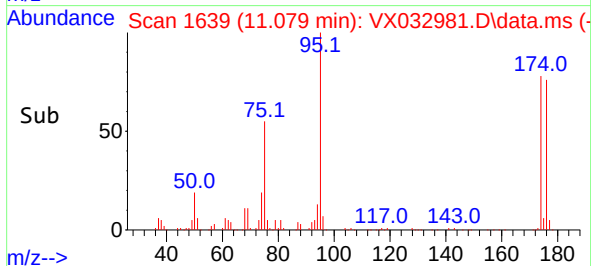
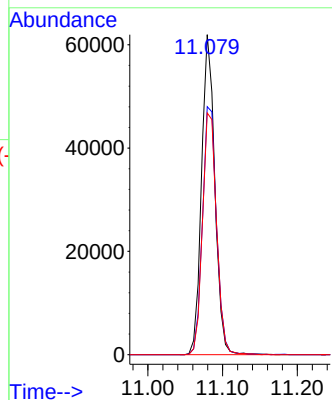
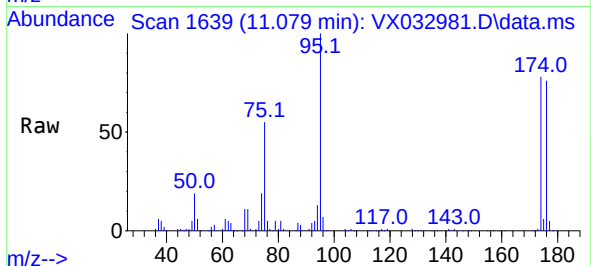




#62
4-Bromofluorobenzene
Concen: 54.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

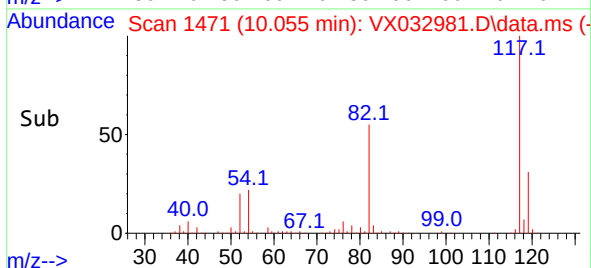
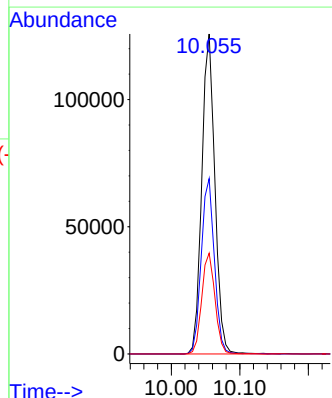
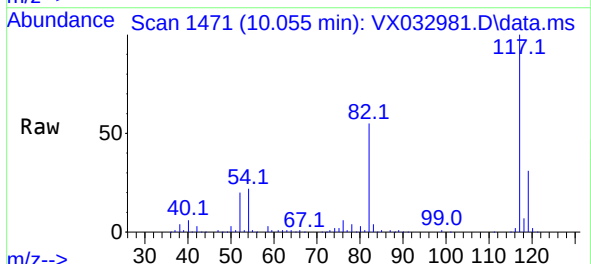
Instrument :
MSVOA_X
ClientSampleId :
VX1122MBL01

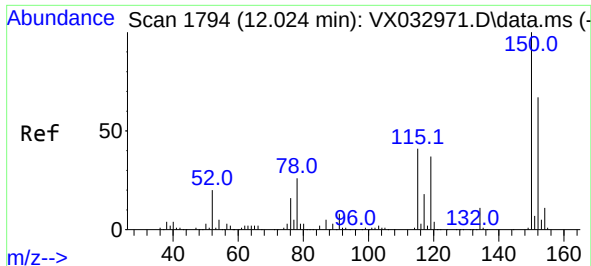
Tgt Ion: 95 Resp: 76396
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 80.3 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

Tgt Ion: 117 Resp: 167380
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 31.5 25.7 38.5

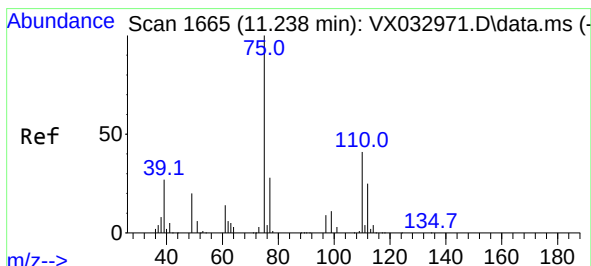
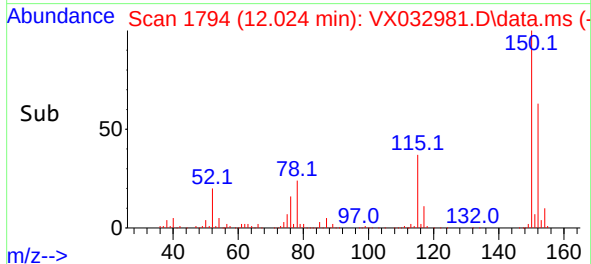
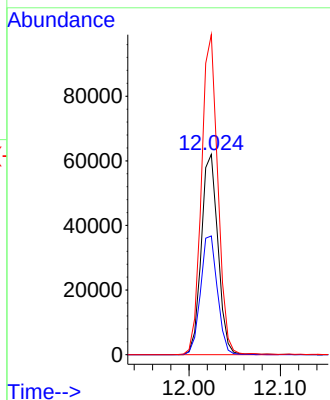
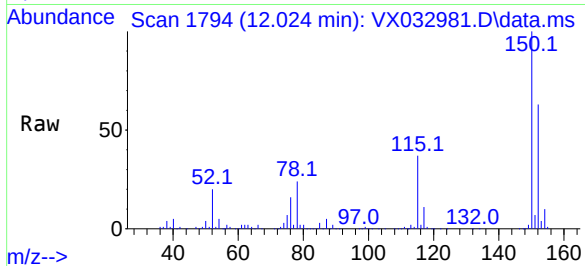




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

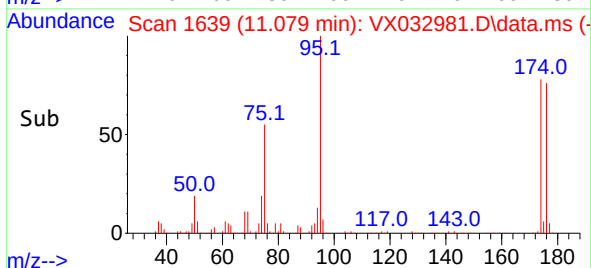
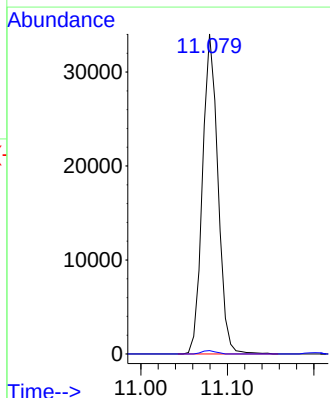
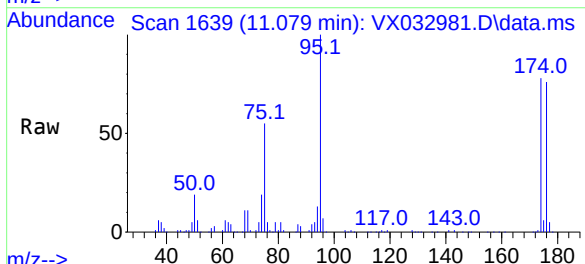
Instrument :
MSVOA_X
ClientSampleId :
VX1122MBL01

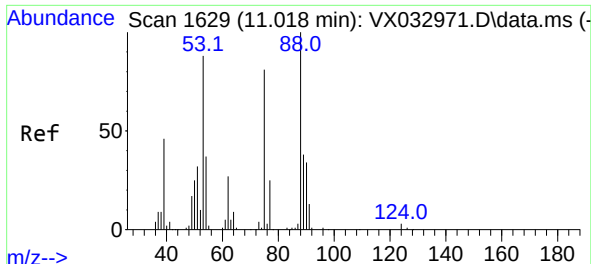
Tgt Ion:152 Resp: 78284
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 157.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 28.479 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

Tgt Ion: 75 Resp: 42222
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

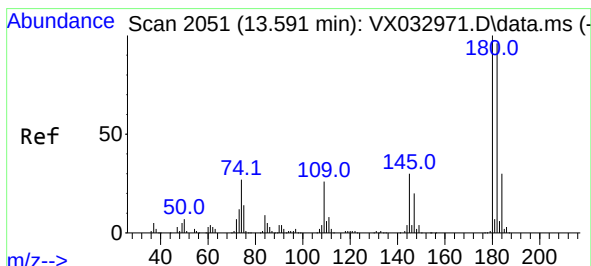
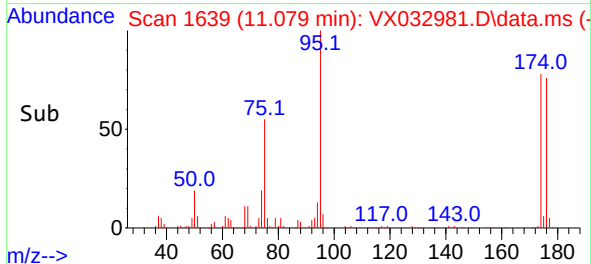
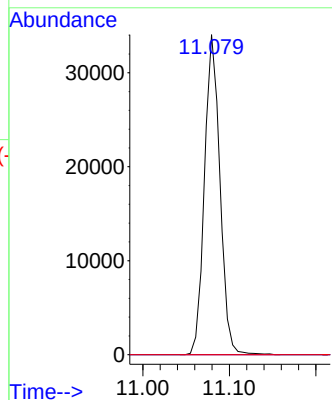
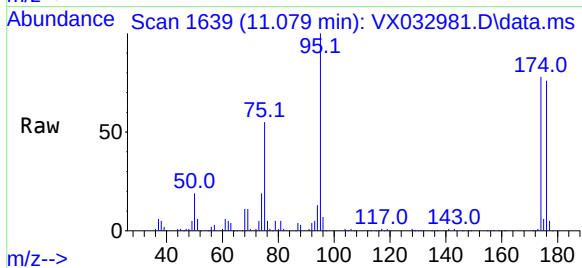




#81
trans-1,4-Dichloro-2-butene
Concen: 92.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

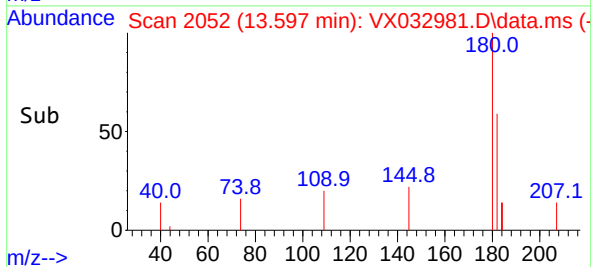
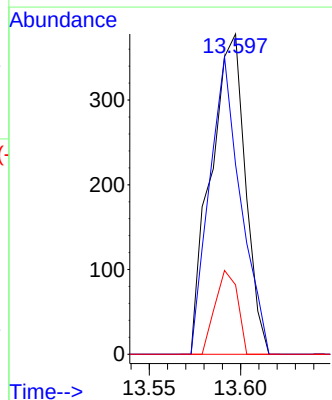
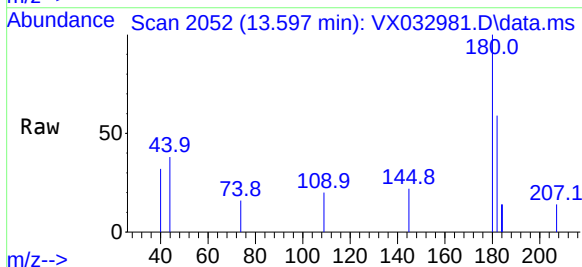
Instrument :
MSVOA_X
ClientSampleId :
VX1122MBL01

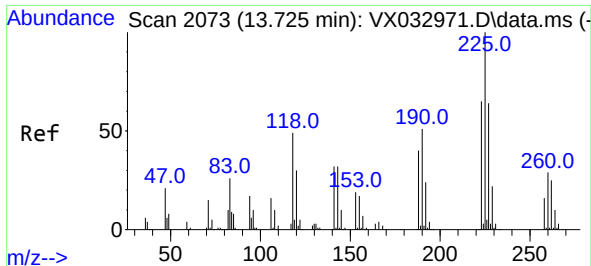
Tgt Ion: 75 Resp: 42222
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.321 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

Tgt Ion:180 Resp: 496
Ion Ratio Lower Upper
180 100
182 84.5 48.4 145.0
145 17.1 16.2 48.5

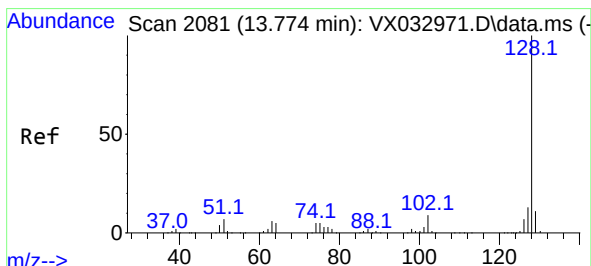
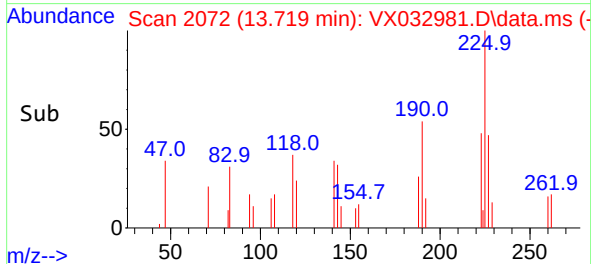
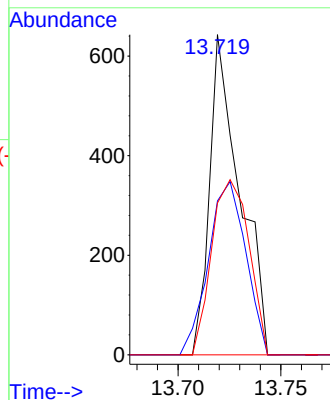
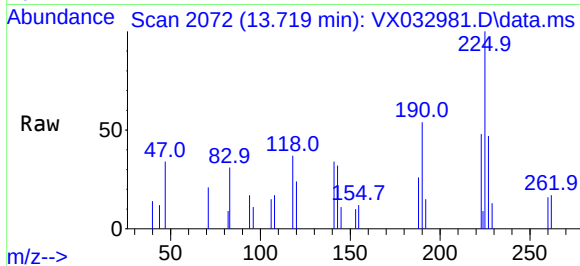




#94
Hexachlorobutadiene
Concen: 0.962 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

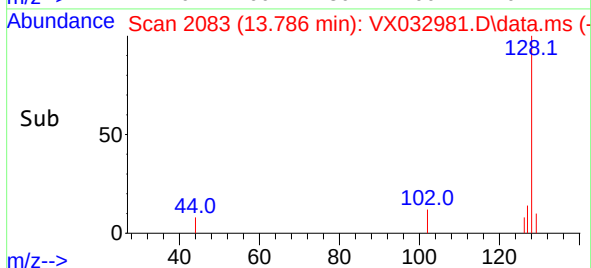
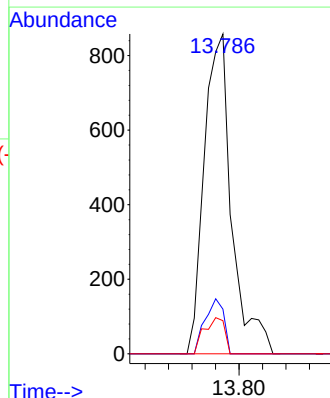
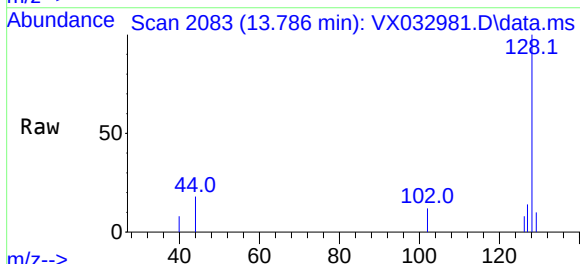
Instrument :
MSVOA_X
ClientSampleId :
VX1122MBL01

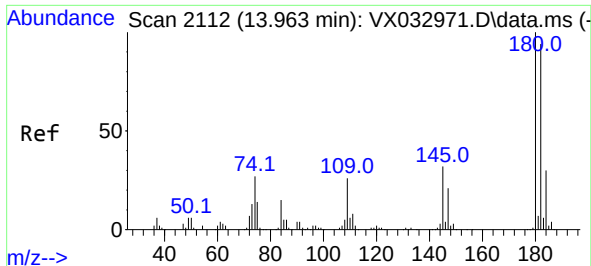
Tgt Ion:	225	Resp:	657
Ion	Ratio	Lower	Upper
225	100		
223	67.0	31.9	95.9
227	67.7	31.9	95.5



#95
Naphthalene
Concen: 0.278 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX032981.D
Acq: 22 Nov 2022 15:58

Tgt Ion:	128	Resp:	1391
Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.4
129	8.4	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.258 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX032981.D
 Acq: 22 Nov 2022 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122MBL01

Tgt Ion:180	Resp:	401
Ion	Ratio	Lower Upper
180	100	
182	124.4	47.5 142.6
145	40.4	16.9 50.6

