

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032208.D
 Acq On : 19 Oct 2022 15:23
 Operator : JC/MD
 Sample : VX1019WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBL01

Quant Time: Oct 19 16:56:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

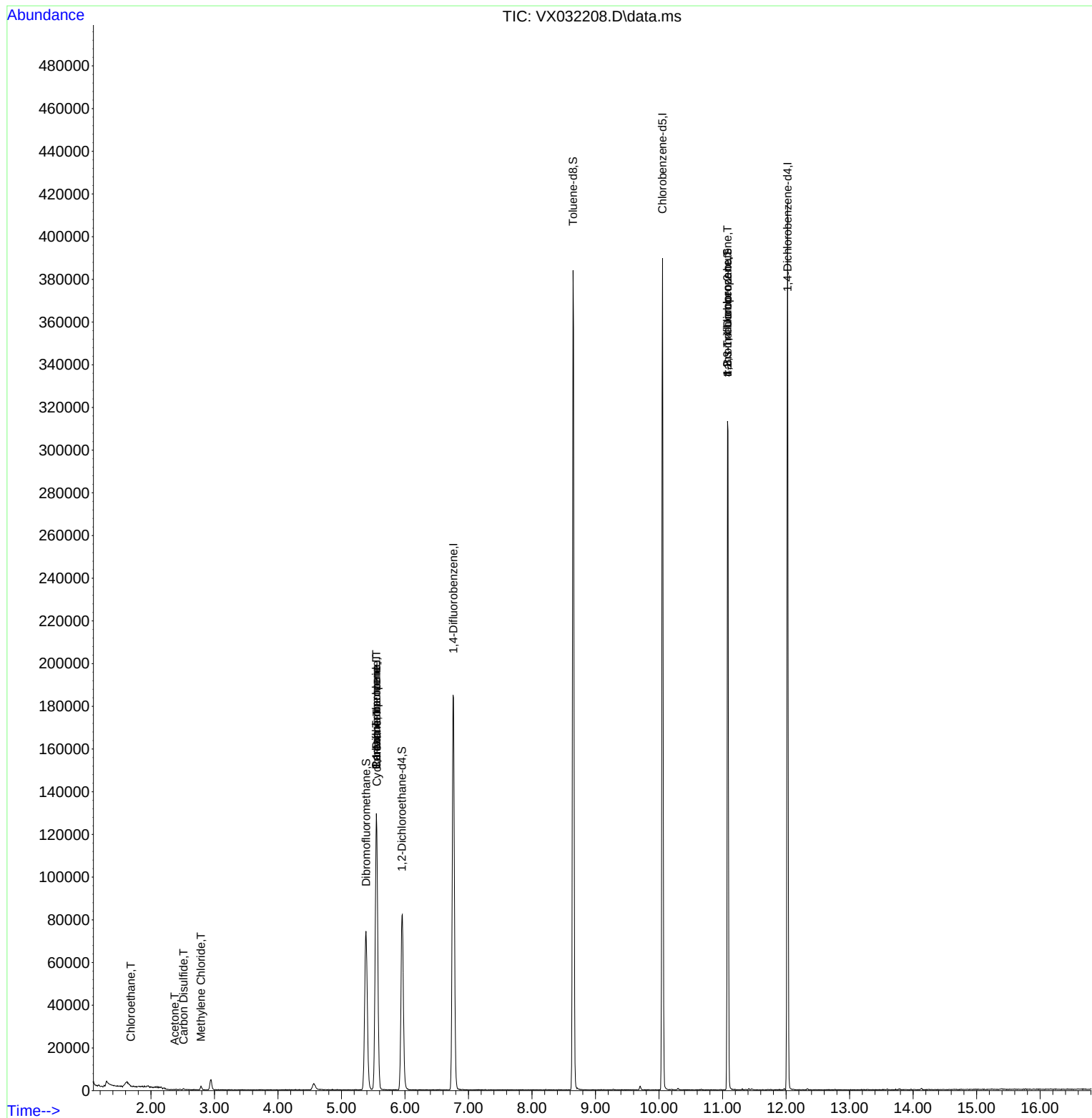
Internal Standards						
1) Pentafluorobenzene	5.550	168	122419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81134	50.946	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.900%
35) Dibromofluoromethane	5.385	113	63831	47.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	8.646	98	229816	47.618	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.240%
62) 4-Bromofluorobenzene	11.079	95	80150	45.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	391	Below Cal	#	64
6) Chloroethane	1.684	64	64	2.004	ug/l #	41
11) Tert butyl alcohol	2.946	59	3104	Below Cal	#	74
16) Acetone	2.373	43	327	0.633	ug/l #	44
17) Carbon Disulfide	2.513	76	639	0.250	ug/l #	74
20) Methylene Chloride	2.788	84	653	0.492	ug/l #	80
31) Cyclohexane	5.556	56	2742	1.506	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	9157	5.309	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12791	7.026	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	42317	26.432	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	42317	81.216	ug/l #	6

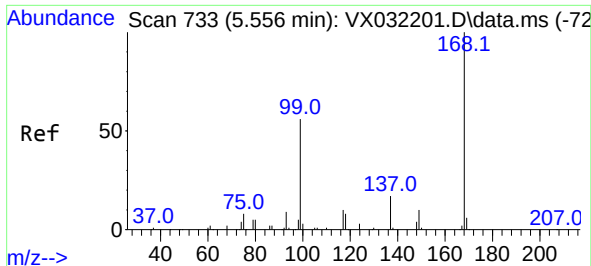
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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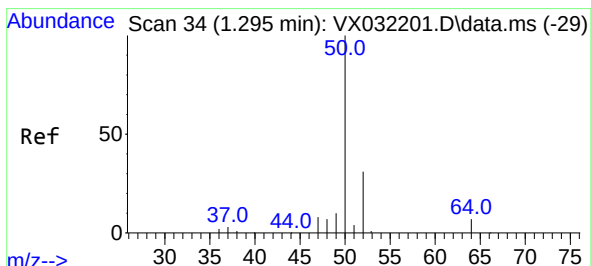
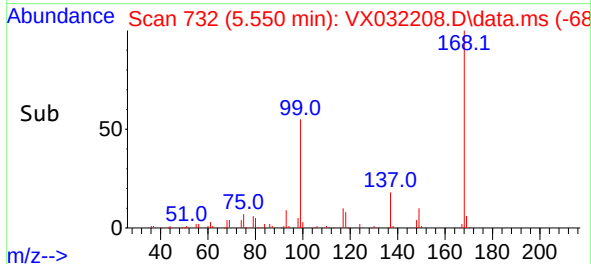
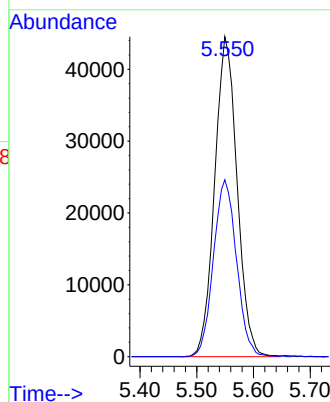
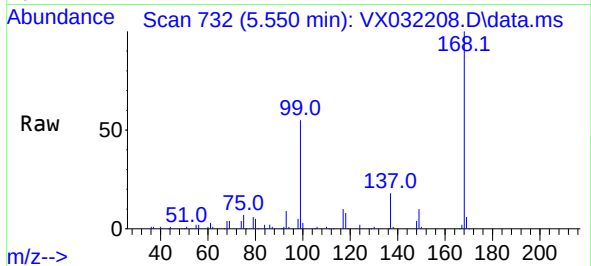




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

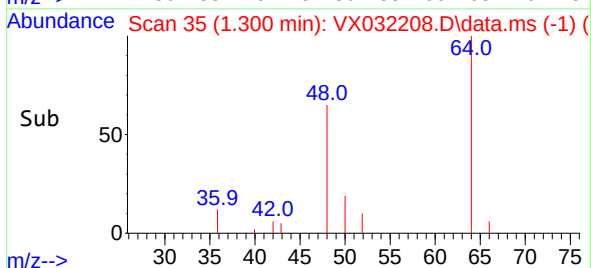
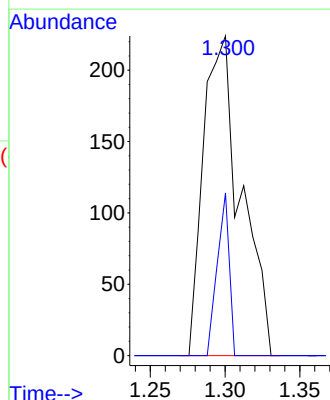
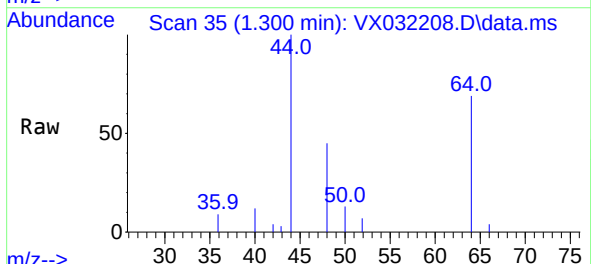
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

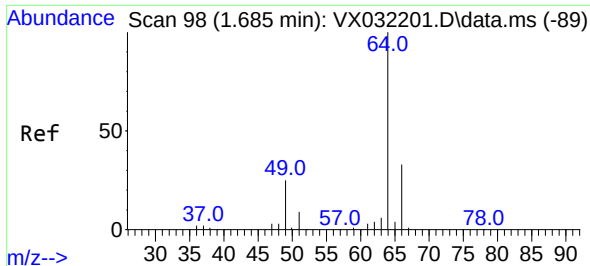
Tgt Ion:168 Resp: 122419
Ion Ratio Lower Upper
168 100
99 55.3 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 50.9 24.7 37.1#

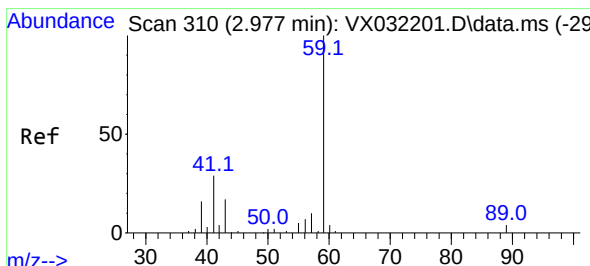
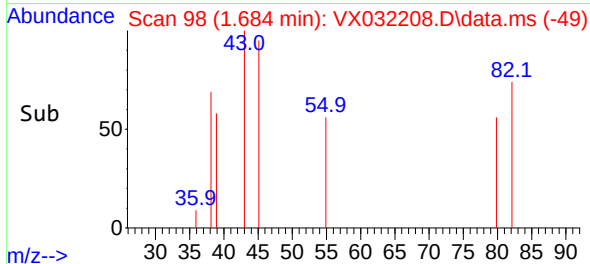
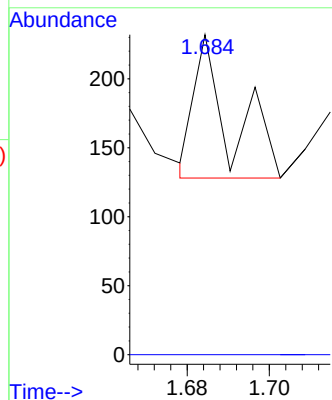
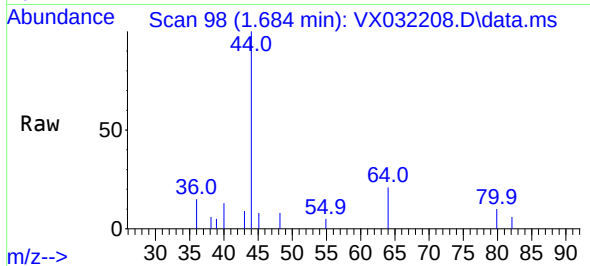




#6
Chloroethane
Concen: 2.004 ug/l
RT: 1.684 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

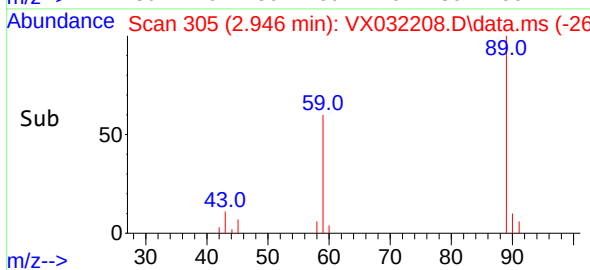
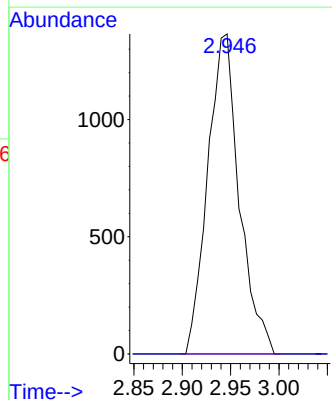
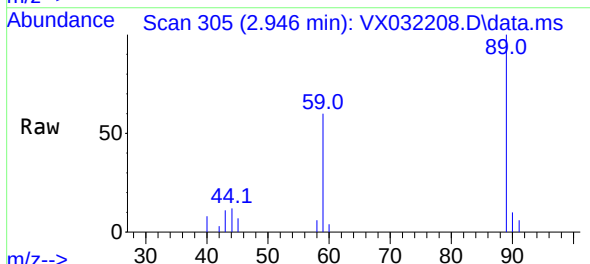
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

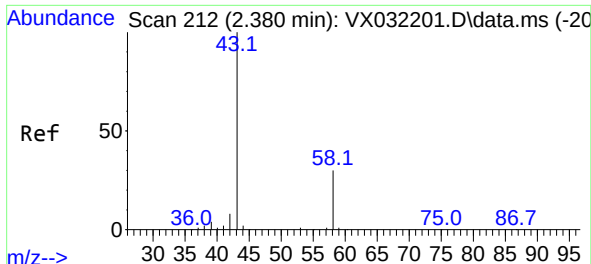
Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

Tgt Ion: 59 Resp: 3104
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

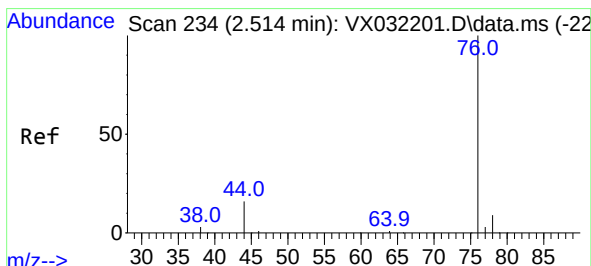
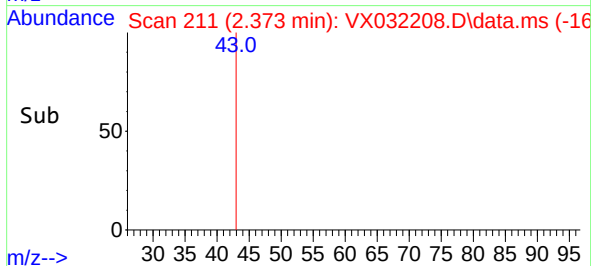
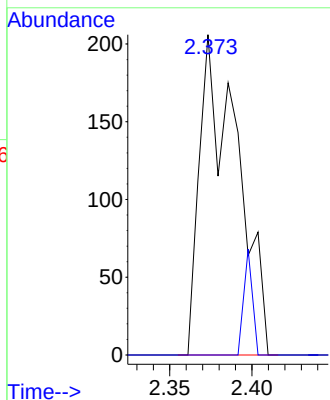
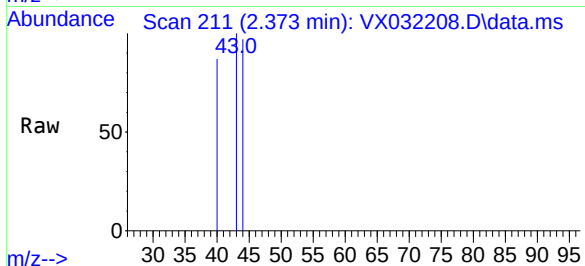




#16
Acetone
Concen: 0.633 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

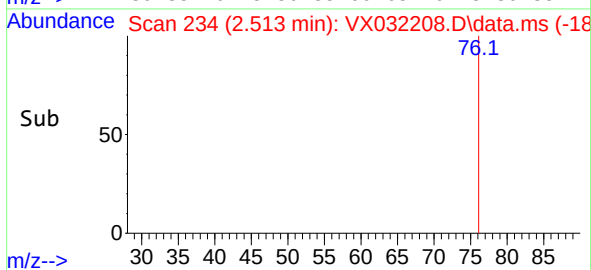
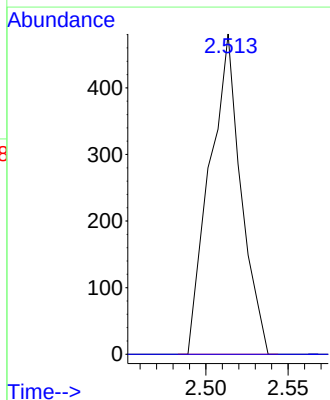
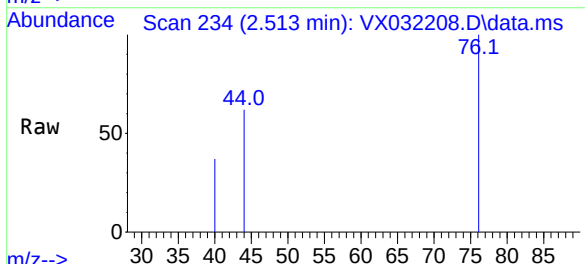
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

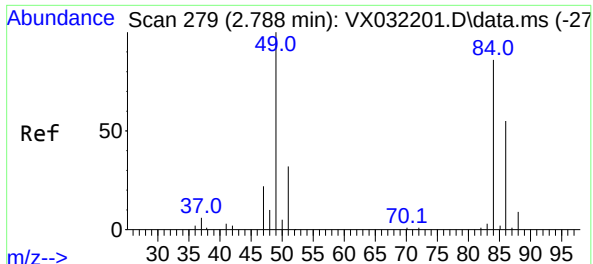
Tgt Ion: 43 Resp: 327
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

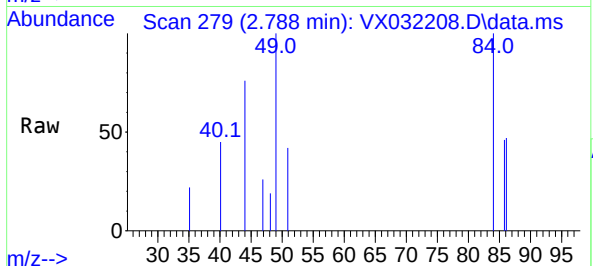
Tgt Ion: 76 Resp: 639
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#





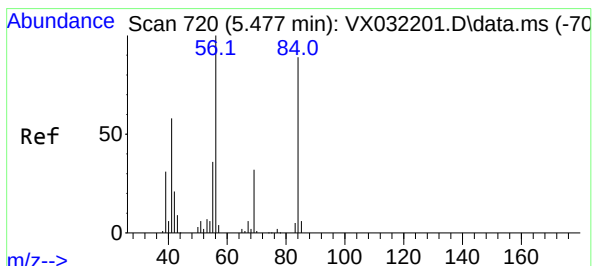
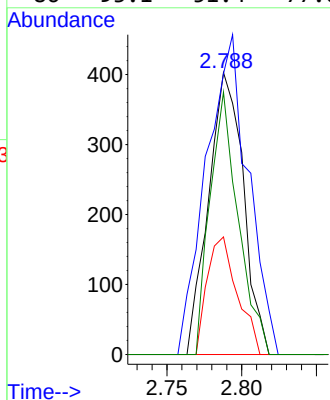
#20
Methylene Chloride
Concen: 0.492 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

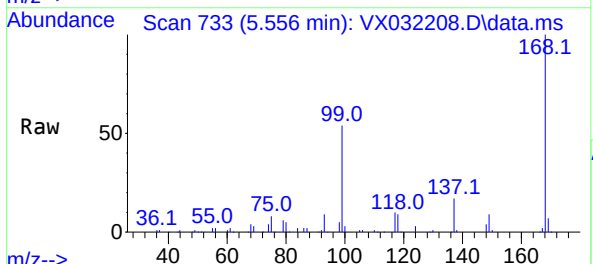


Tgt Ion: 84 Resp: 653

Ion	Ratio	Lower	Upper
84	100		
49	99.5	92.6	139.0
51	41.7	29.2	43.8
86	93.1	51.4	77.0

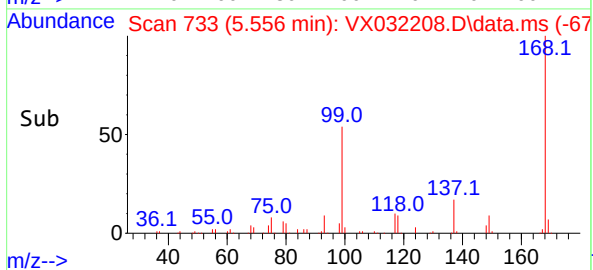
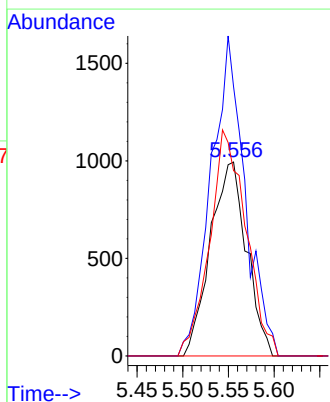


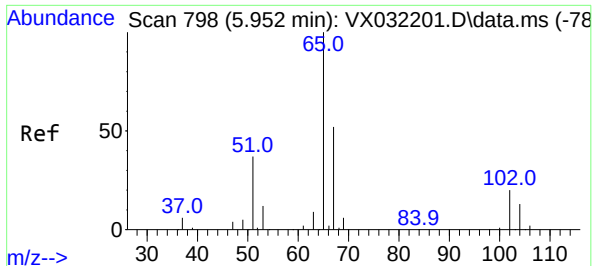
#31
Cyclohexane
Concen: 1.506 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23



Tgt Ion: 56 Resp: 2742

Ion	Ratio	Lower	Upper
56	100		
69	138.8	25.4	38.0
84	95.6	71.2	106.8

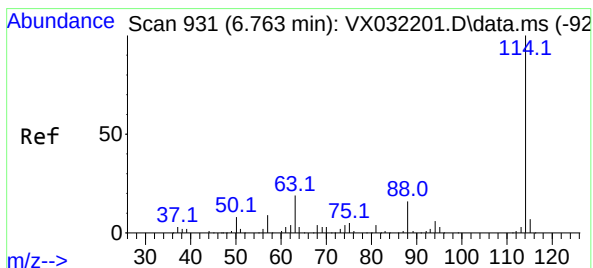
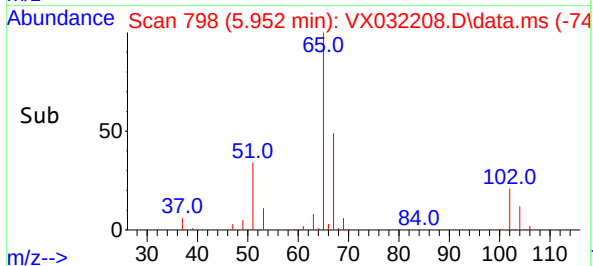
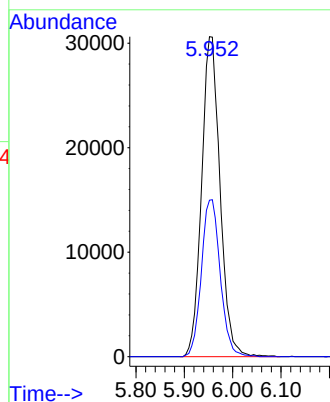
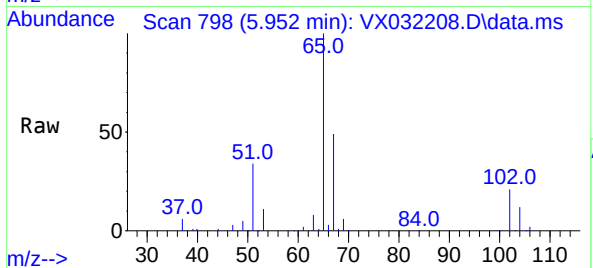




#33
 1,2-Dichloroethane-d4
 Concen: 50.946 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX032208.D
 Acq: 19 Oct 2022 15:23

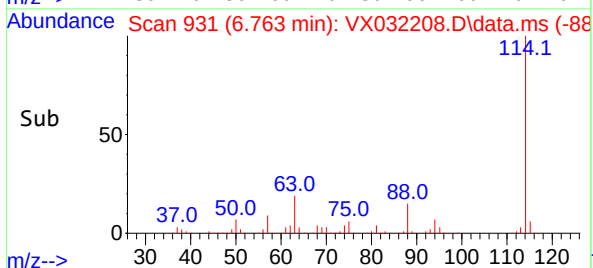
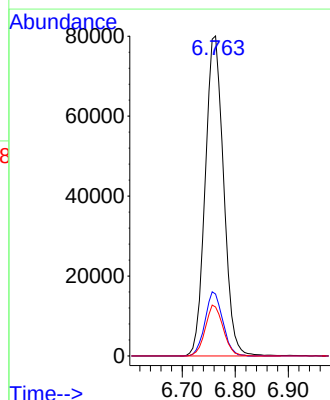
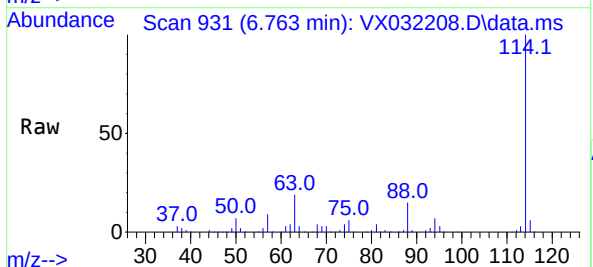
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBL01

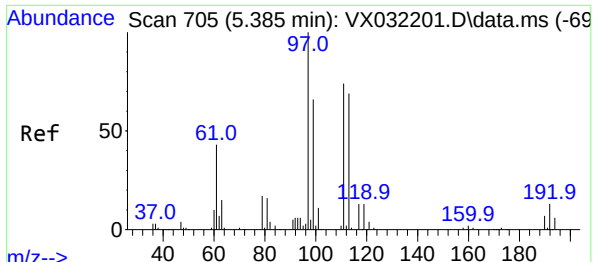
Tgt Ion: 65 Resp: 81134
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032208.D
 Acq: 19 Oct 2022 15:23

Tgt Ion: 114 Resp: 192670
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.609 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032208.D

Acq: 19 Oct 2022 15:23

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBL01

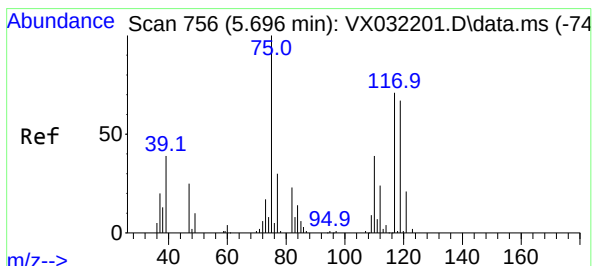
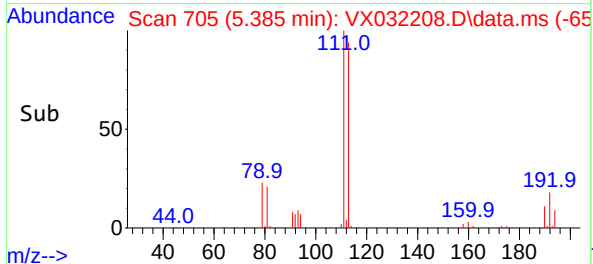
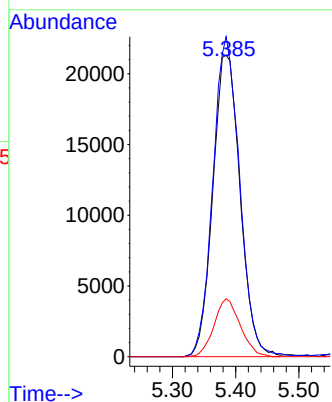
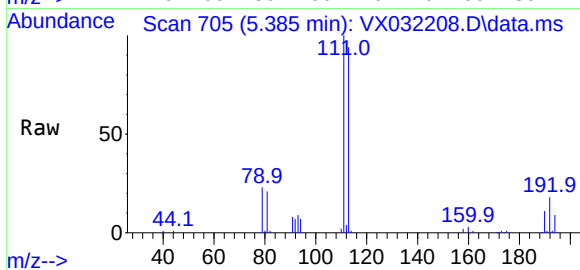
Tgt Ion:113 Resp: 63831

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

192 18.5 15.5 23.3



#36

1,1-Dichloropropene

Concen: 5.309 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032208.D

Acq: 19 Oct 2022 15:23

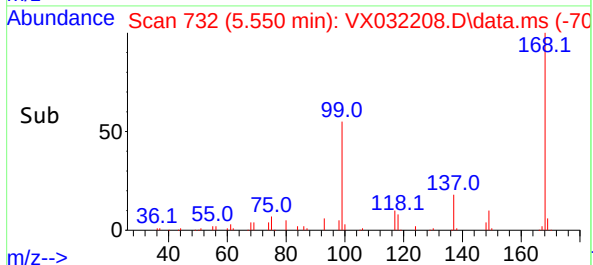
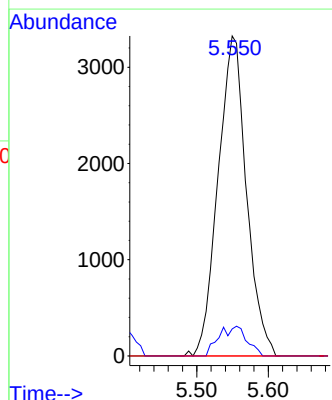
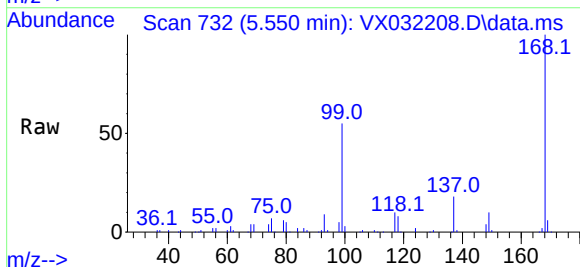
Tgt Ion: 75 Resp: 9157

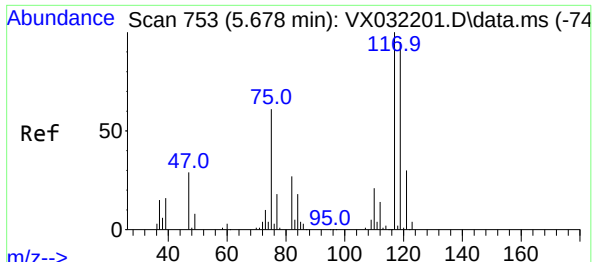
Ion Ratio Lower Upper

75 100

110 9.2 18.4 55.0#

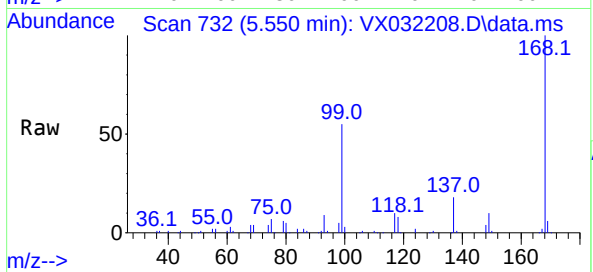
77 0.0 24.7 37.1#



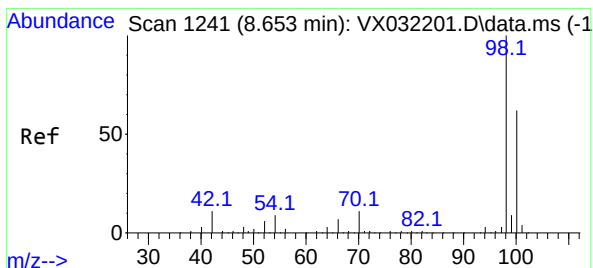
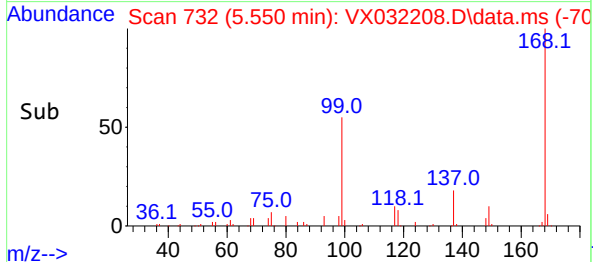
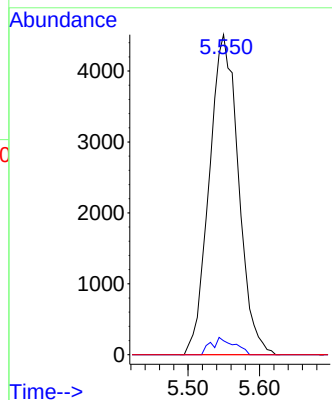


#38
Carbon Tetrachloride
Concen: 7.026 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

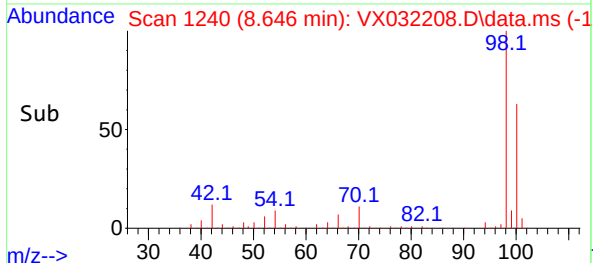
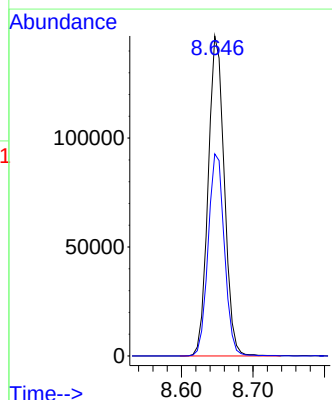
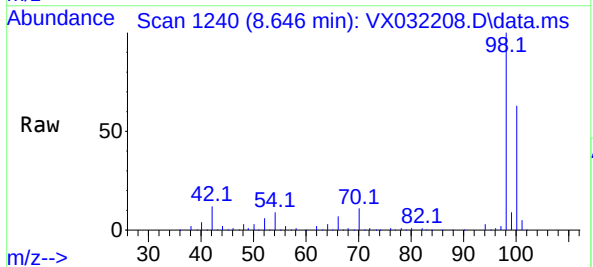


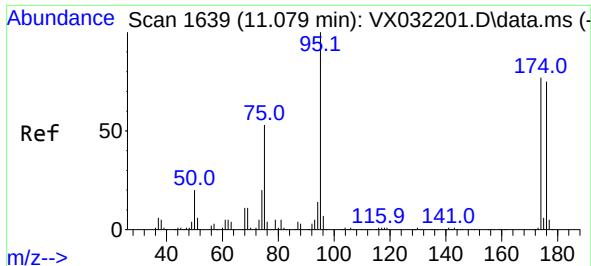
Tgt Ion:117 Resp: 12791
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.618 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

Tgt Ion: 98 Resp: 229816
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1

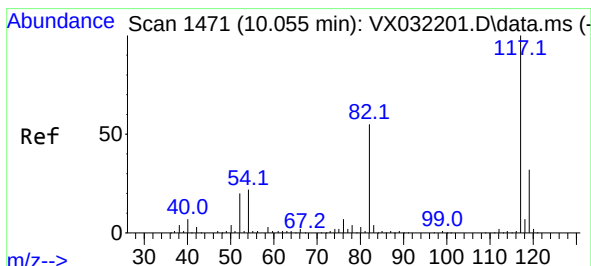
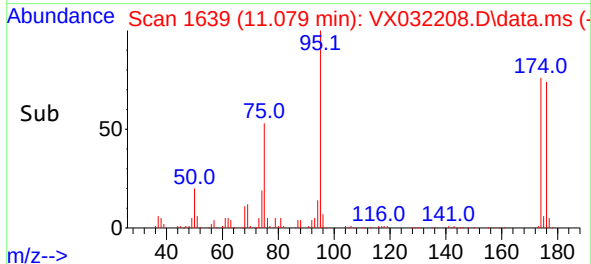
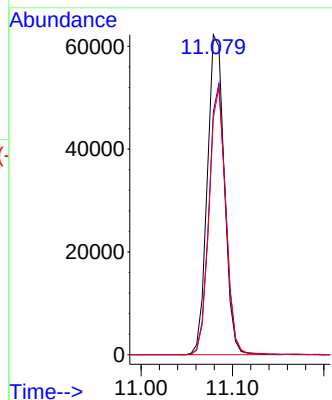
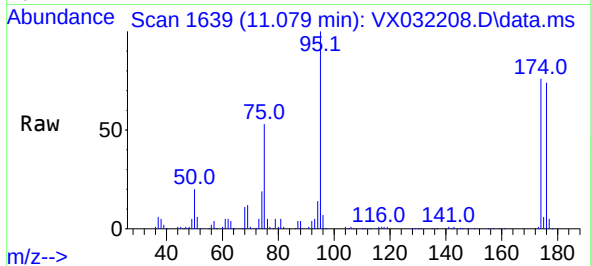




#62
4-Bromofluorobenzene
Concen: 45.352 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

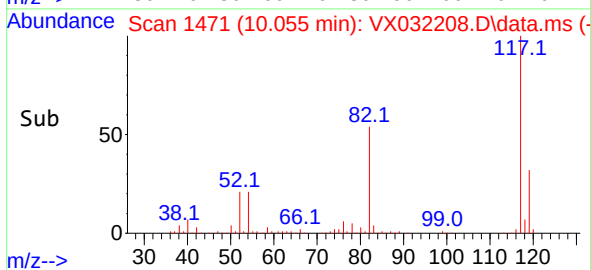
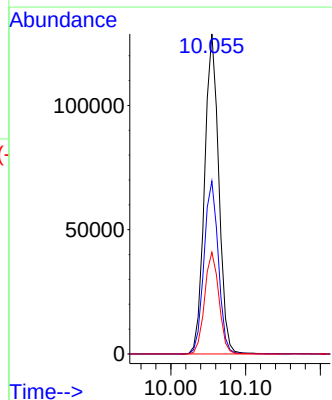
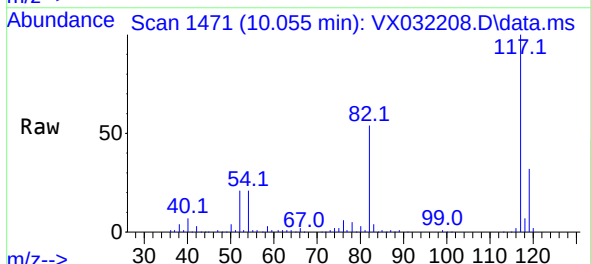
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL01

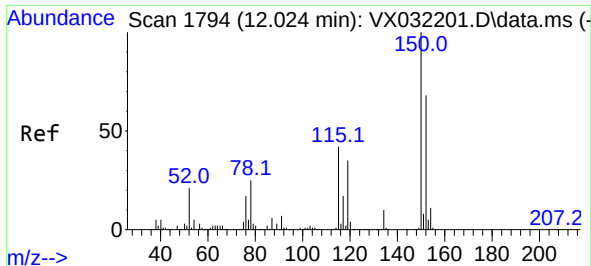
Tgt Ion: 95 Resp: 80150
Ion Ratio Lower Upper
95 100
174 83.1 0.0 166.8
176 81.8 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032208.D
Acq: 19 Oct 2022 15:23

Tgt Ion: 117 Resp: 170272
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.4
119 31.8 25.8 38.8

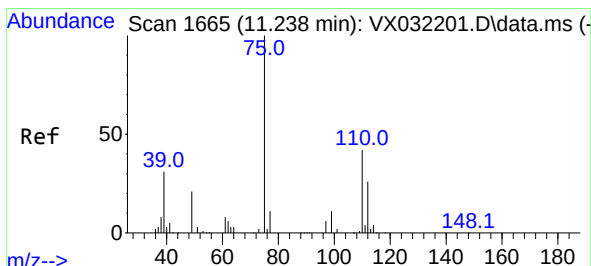
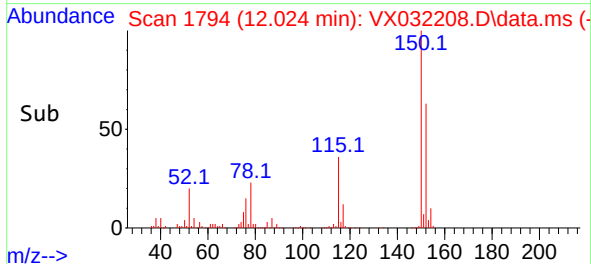
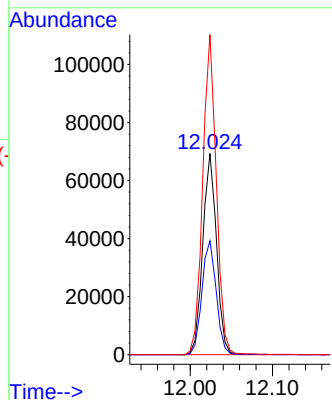
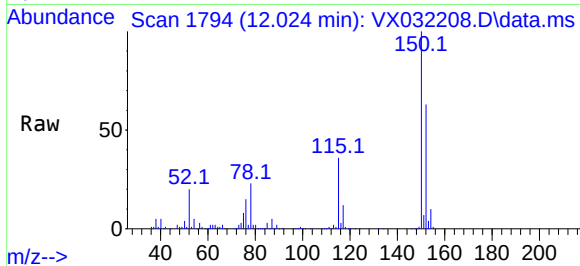




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032208.D
 Acq: 19 Oct 2022 15:23

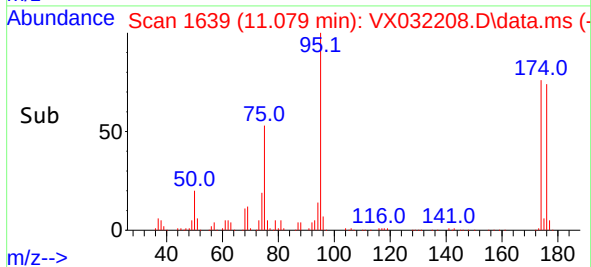
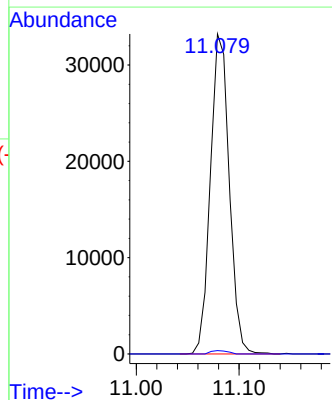
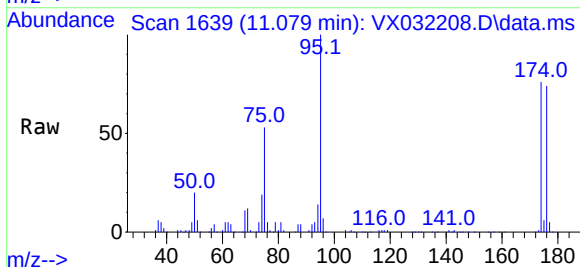
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBL01

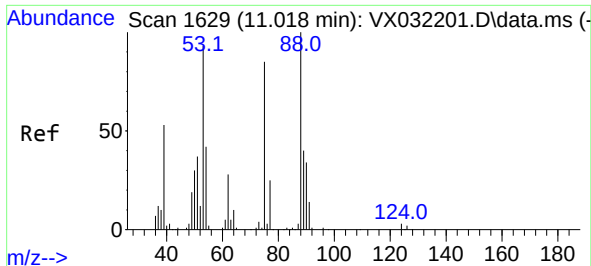
Tgt Ion:152 Resp: 80800
 Ion Ratio Lower Upper
 152 100
 115 58.7 43.1 129.4
 150 157.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 26.432 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032208.D
 Acq: 19 Oct 2022 15:23

Tgt Ion: 75 Resp: 42317
 Ion Ratio Lower Upper
 75 100
 77 0.9 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.216 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032208.D
 Acq: 19 Oct 2022 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBL01

Tgt Ion: 75 Resp: 42317
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

