

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032227.D
 Acq On : 19 Oct 2022 23:33
 Operator : JC/MD
 Sample : VX1019WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBL02

Quant Time: Oct 20 04:34:49 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)

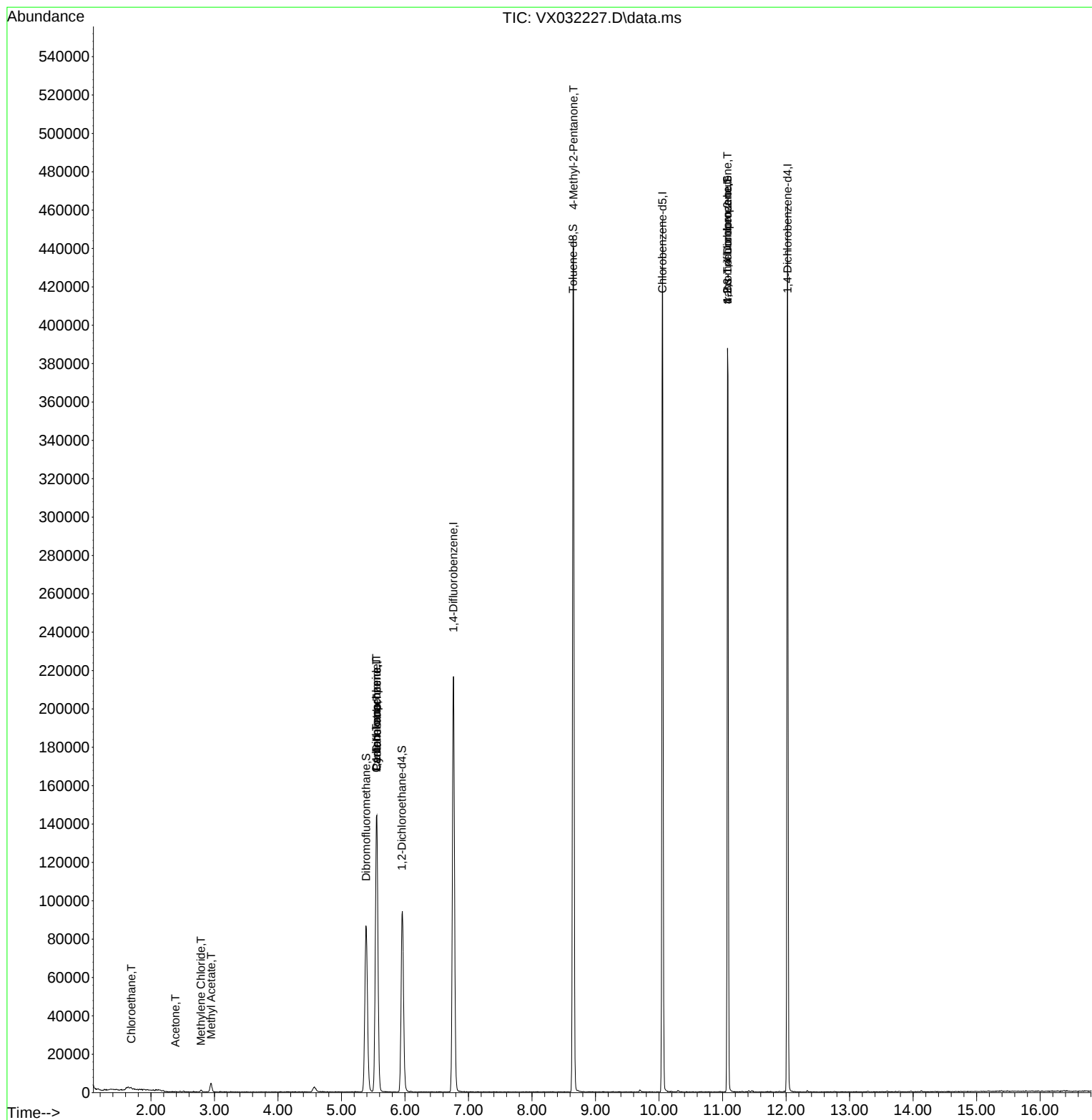
Internal Standards						
1) Pentafluorobenzene	5.555	168	138539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95624	53.058	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.120%	
35) Dibromofluoromethane	5.385	113	74375	48.942	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.880%	
50) Toluene-d8	8.646	98	269136	49.200	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	11.079	95	99045	49.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	107	Below Cal	#	44
6) Chloroethane	1.690	64	153	2.060	ug/l #	41
11) Tert butyl alcohol	2.946	59	2813	Below Cal	#	74
16) Acetone	2.385	43	189	0.323	ug/l #	44
18) Methyl Acetate	2.946	43	489	0.246	ug/l #	50
20) Methylene Chloride	2.788	84	516	0.344	ug/l	87
31) Cyclohexane	5.555	56	3218	1.562	ug/l #	33
36) 1,1-Dichloropropene	5.549	75	10527	5.385	ug/l #	49
38) Carbon Tetrachloride	5.549	117	14344	6.951	ug/l #	16
51) 4-Methyl-2-Pentanone	8.652	43	1286	0.683	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54041	30.268	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	54041	92.600	ug/l #	6

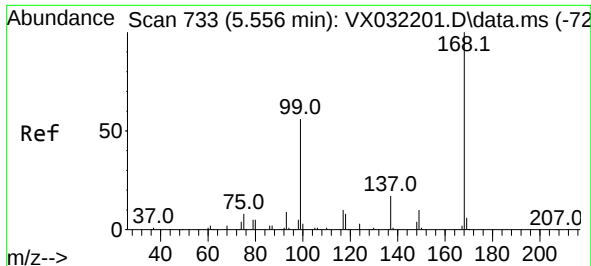
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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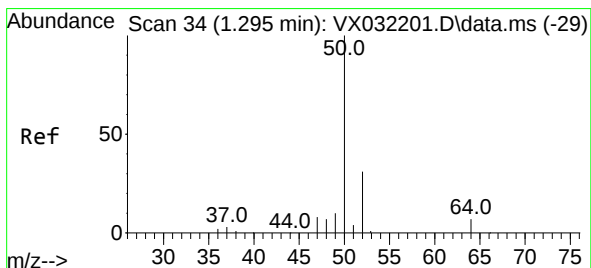
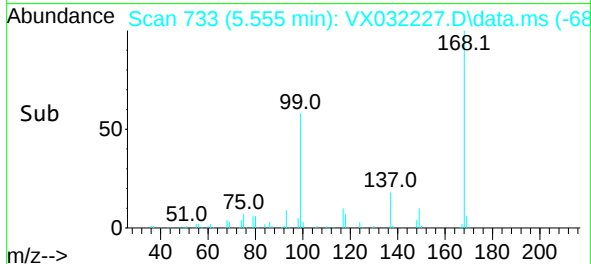
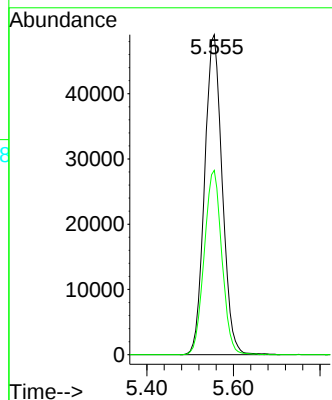
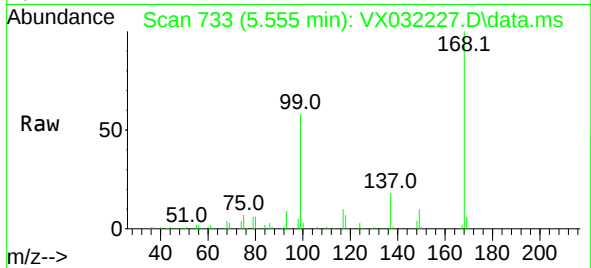




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

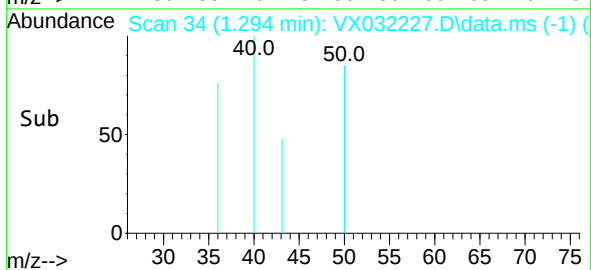
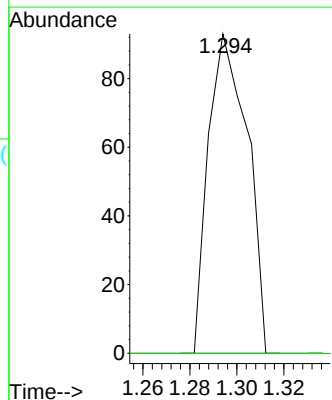
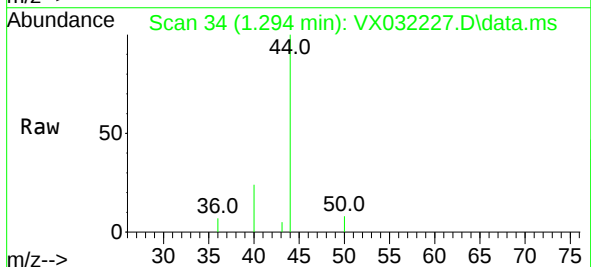
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL02

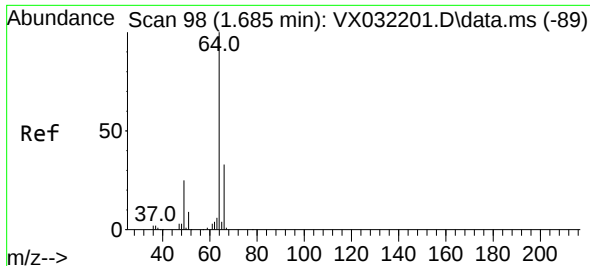
Tgt Ion:168 Resp: 138539
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

Tgt Ion: 50 Resp: 107
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

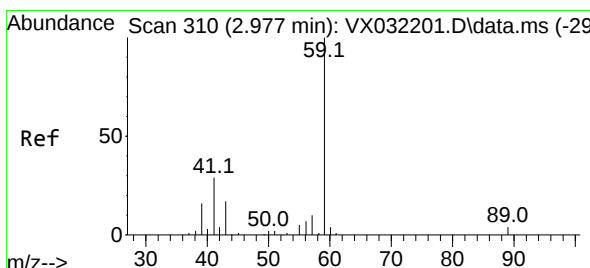
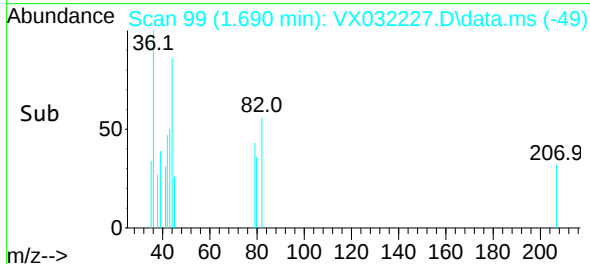
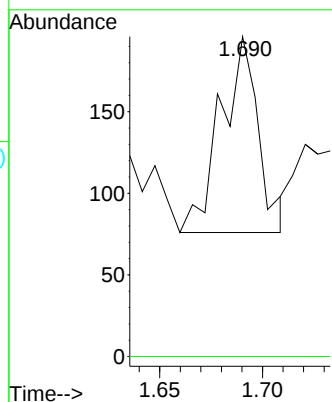
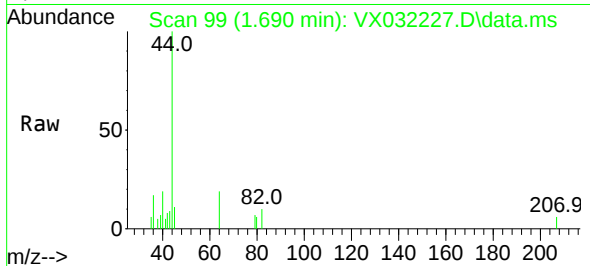




#6
Chloroethane
Concen: 2.060 ug/l
RT: 1.690 min Scan# 91
Delta R.T. 0.005 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

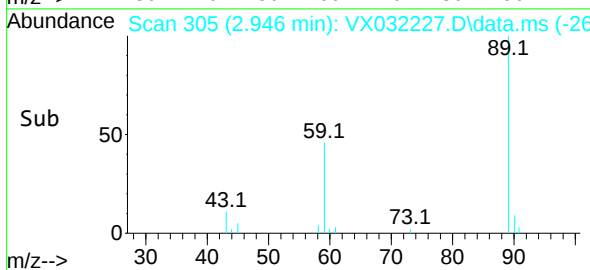
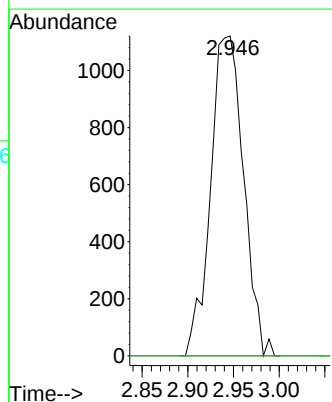
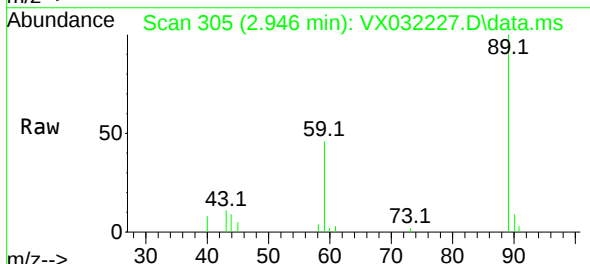
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL02

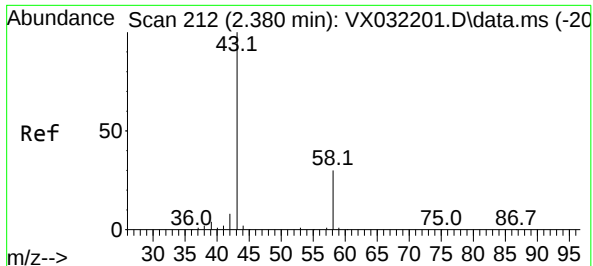
Tgt Ion: 64 Resp: 153
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

Tgt Ion: 59 Resp: 2813
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

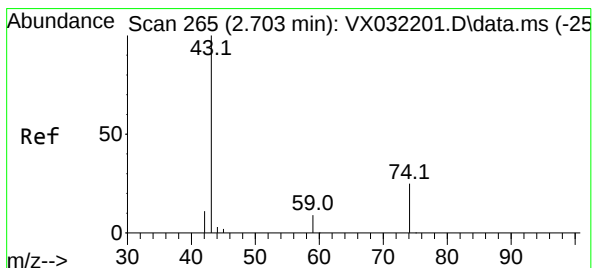
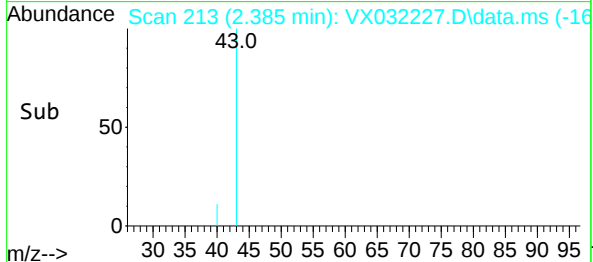
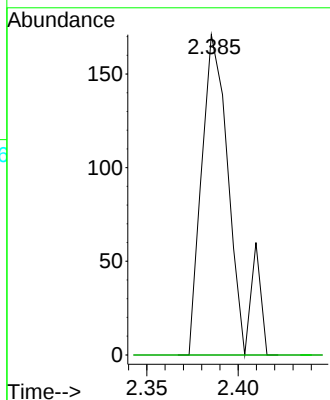
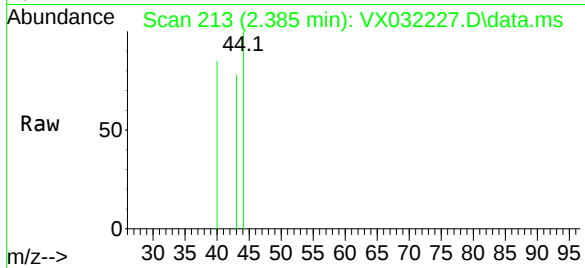




#16
Acetone
Concen: 0.323 ug/l
RT: 2.385 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

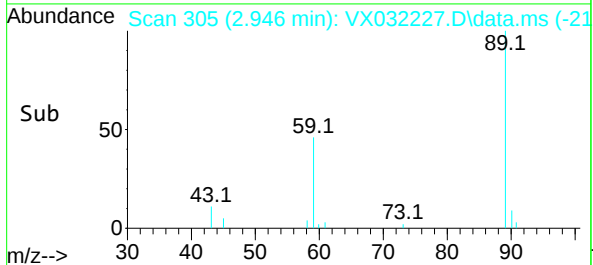
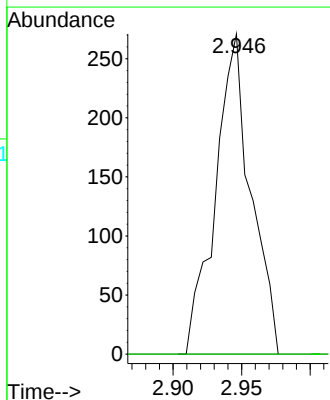
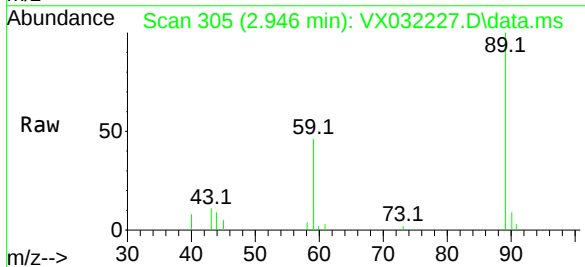
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL02

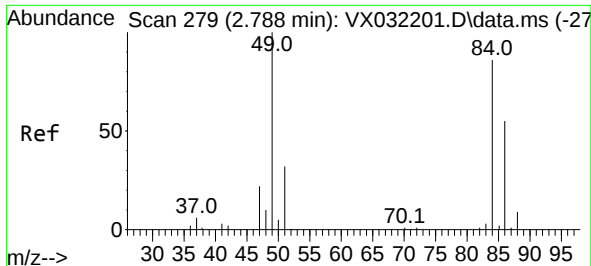
Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 2.946 min Scan# 305
Delta R.T. 0.243 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

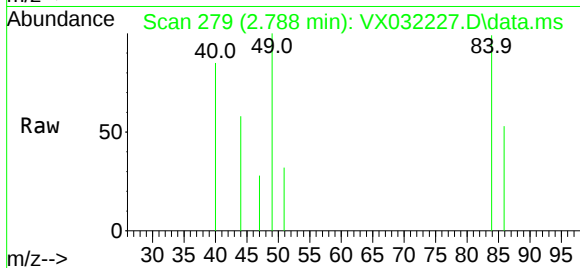
Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



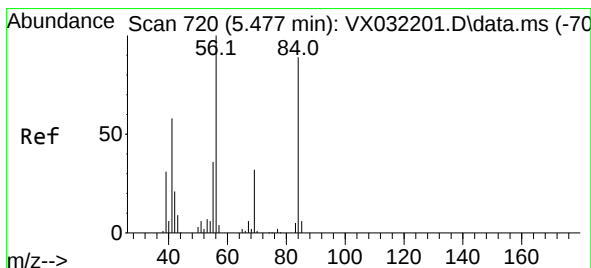
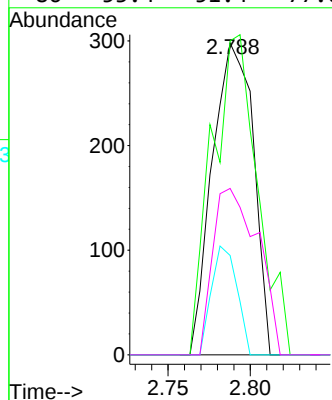


#20
Methylene Chloride
Concen: 0.344 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

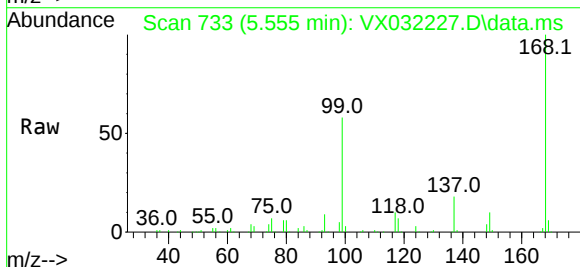
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL02



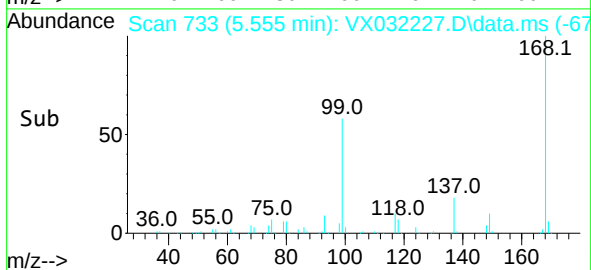
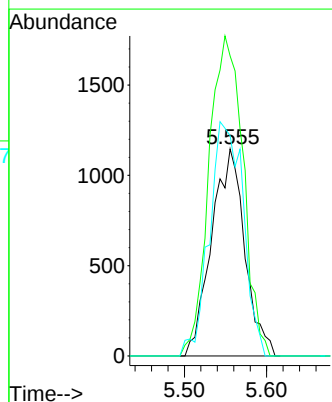
Tgt Ion: 84	Resp: 516
Ion Ratio	Lower Upper
84 100	
49 100.7	92.6 139.0
51 31.9	29.2 43.8
86 53.4	51.4 77.0

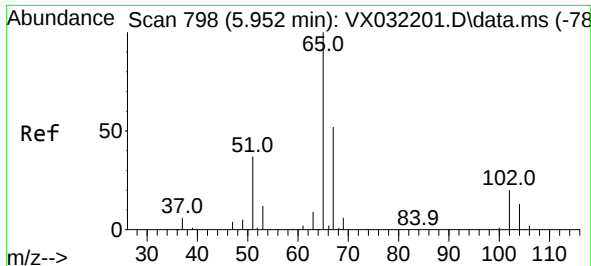


#31
Cyclohexane
Concen: 1.562 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.078 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33



Tgt Ion: 56	Resp: 3218		
Ion Ratio	Lower	Upper	
56	100		
69	144.8	25.4	38.0#
84	106.4	71.2	106.8





#33

1,2-Dichloroethane-d4

Concen: 53.058 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX032227.D

Acq: 19 Oct 2022 23:33

Instrument :

MSVOA_X

ClientSampleId :

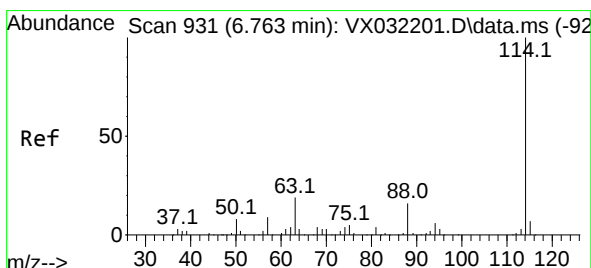
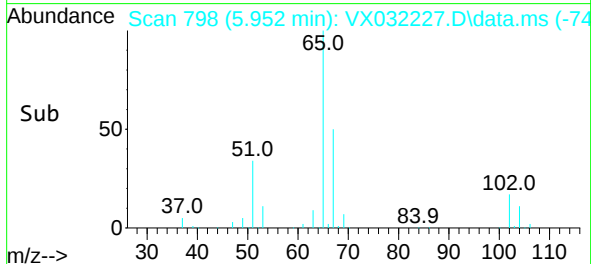
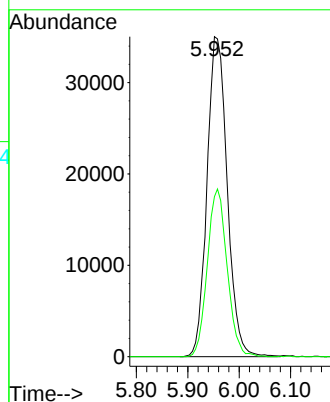
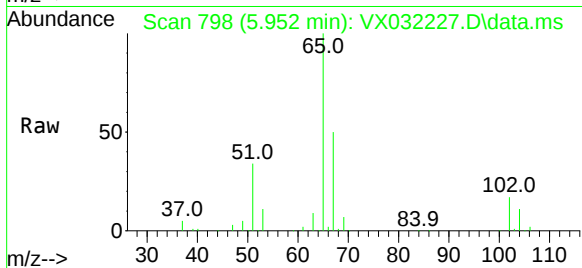
VX1019WBL02

Tgt Ion: 65 Resp: 95624

Ion Ratio Lower Upper

65 100

67 51.3 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: VX032227.D

Acq: 19 Oct 2022 23:33

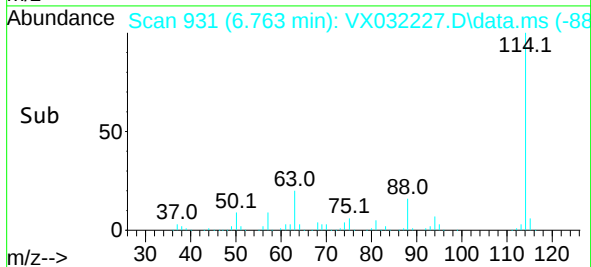
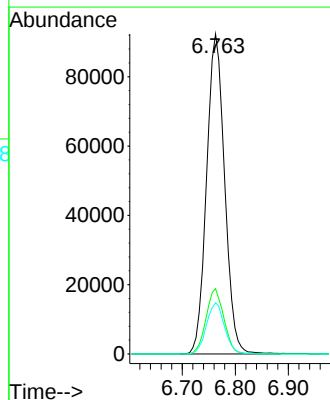
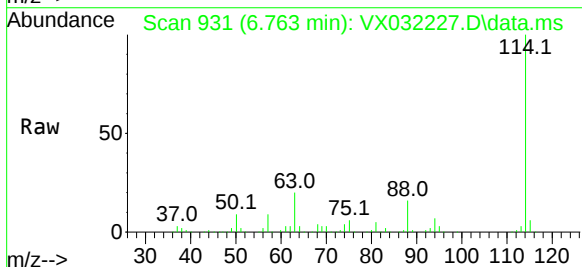
Tgt Ion: 114 Resp: 218381

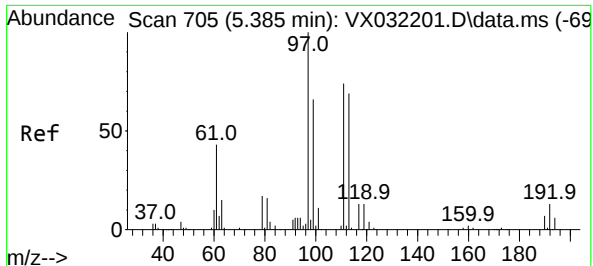
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.6

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032227.D

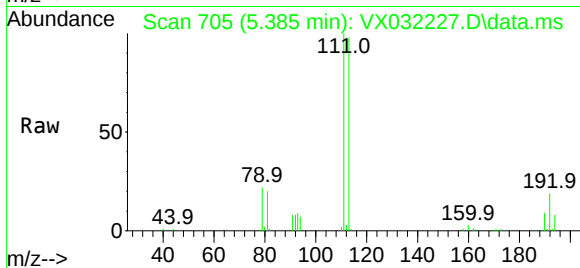
Acq: 19 Oct 2022 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX1019WBL02



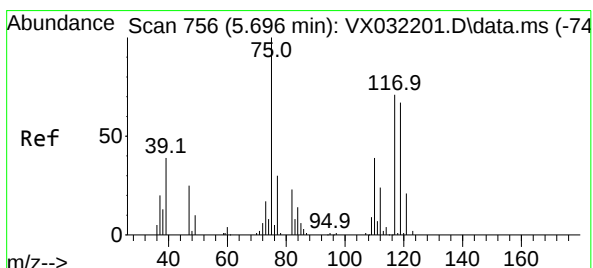
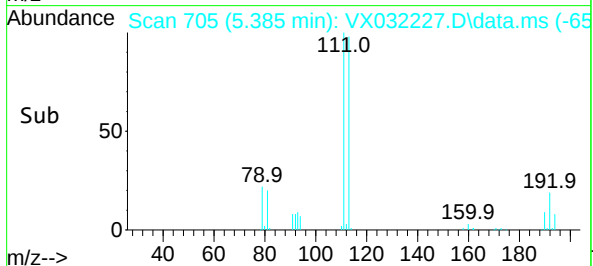
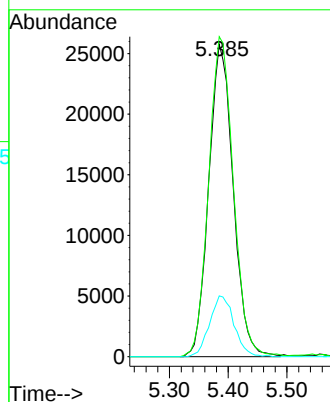
Tgt Ion:113 Resp: 74375

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

192 19.5 15.5 23.3



#36

1,1-Dichloropropene

Concen: 5.385 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX032227.D

Acq: 19 Oct 2022 23:33

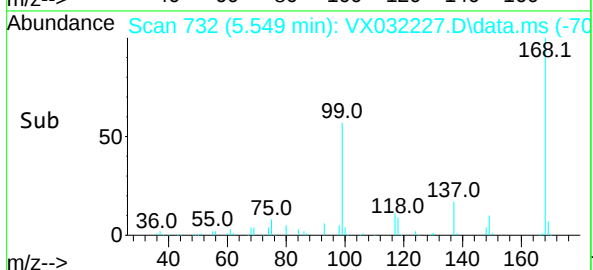
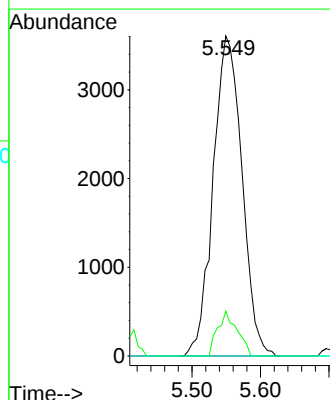
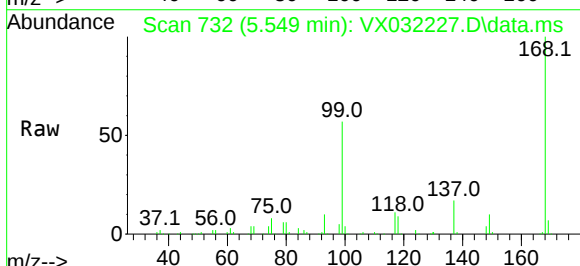
Tgt Ion: 75 Resp: 10527

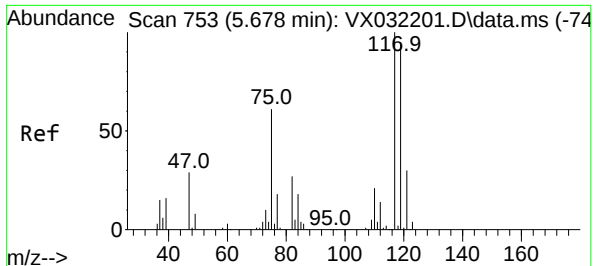
Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.0#

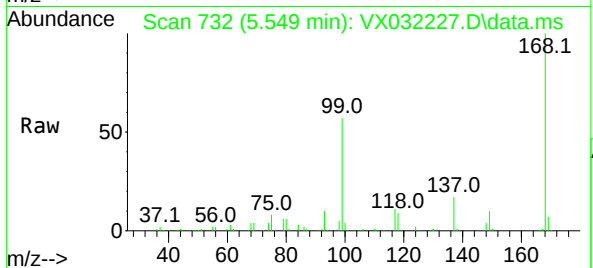
77 0.0 24.7 37.1#



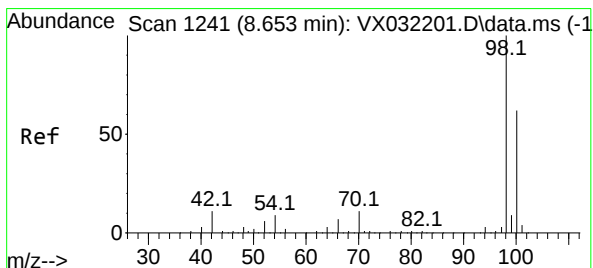
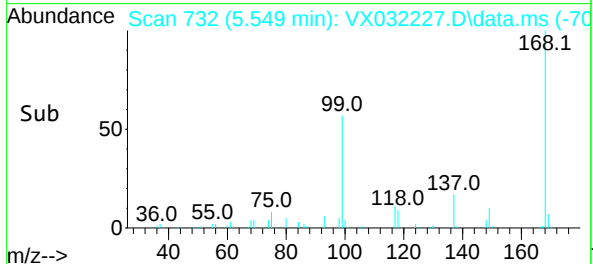
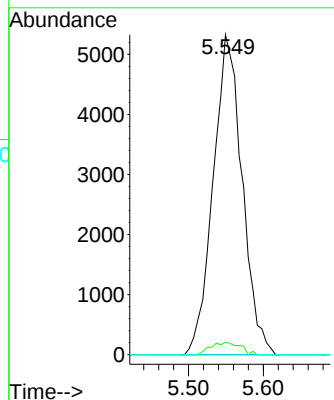


#38
Carbon Tetrachloride
Concen: 6.951 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL02

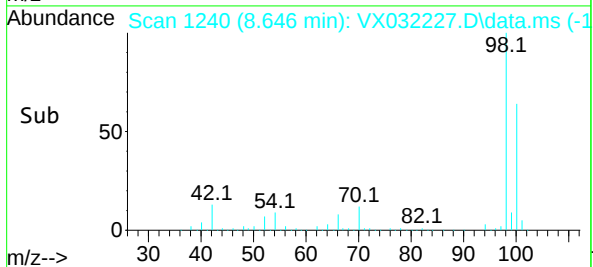
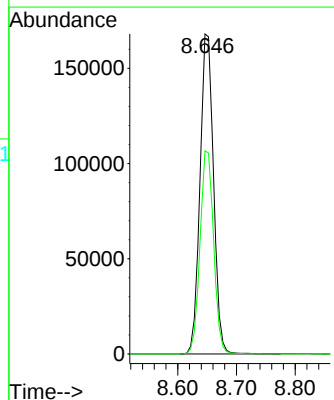
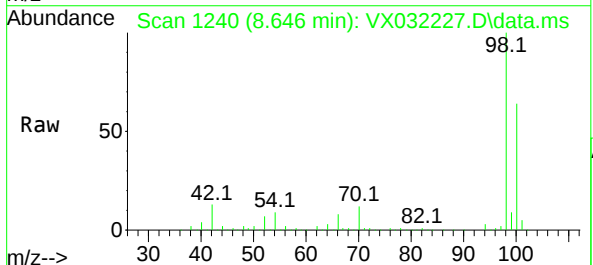


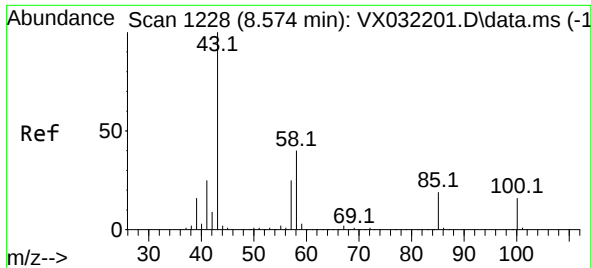
Tgt Ion:117 Resp: 14344
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.200 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

Tgt Ion: 98 Resp: 269136
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1

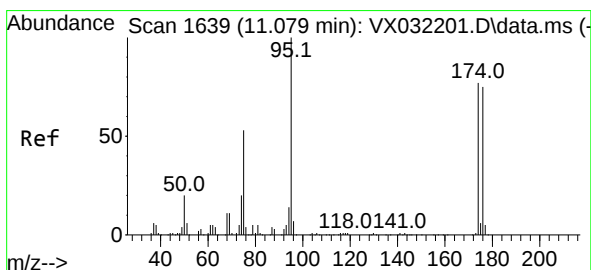
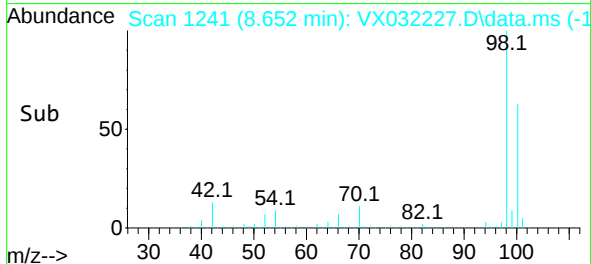
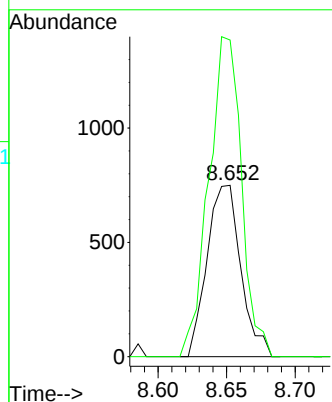
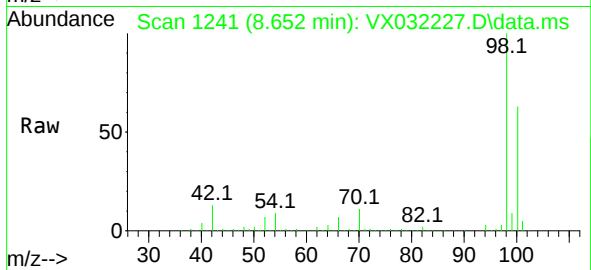




#51
4-Methyl-2-Pentanone
Concen: 0.683 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.078 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

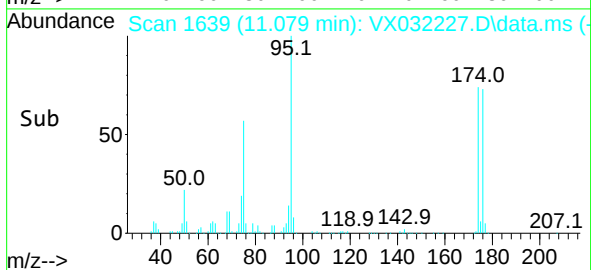
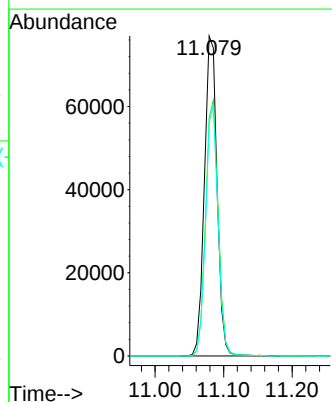
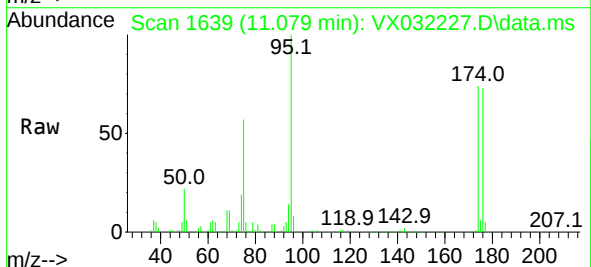
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL02

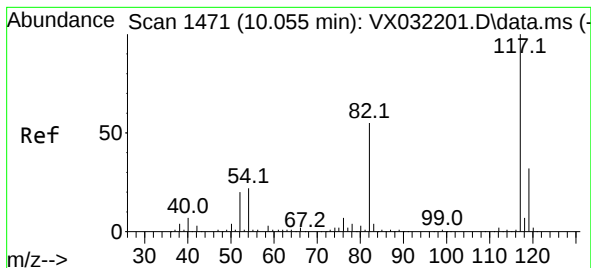
Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 180.9 31.0 46.4#



#62
4-Bromofluorobenzene
Concen: 49.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

Tgt Ion: 95 Resp: 99045
Ion Ratio Lower Upper
95 100
174 80.2 0.0 166.8
176 76.8 0.0 161.4

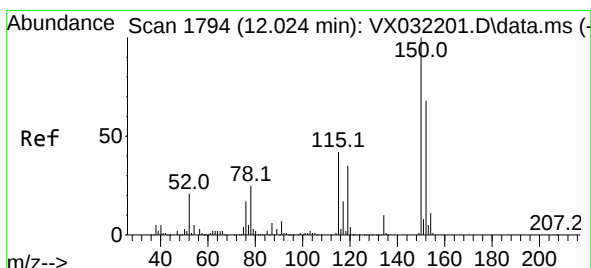
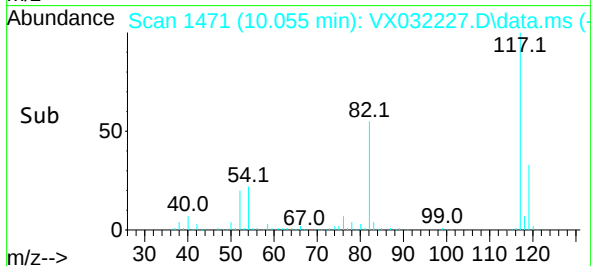
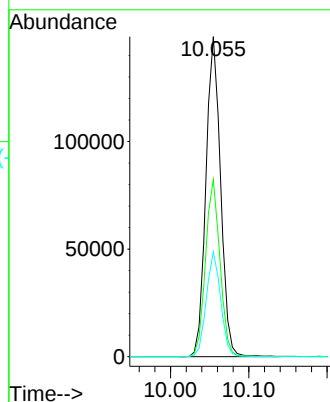
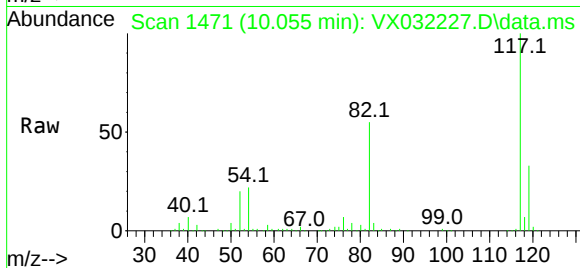




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

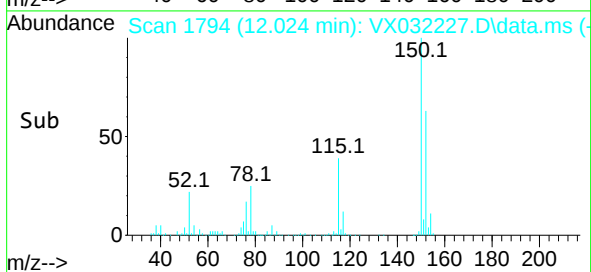
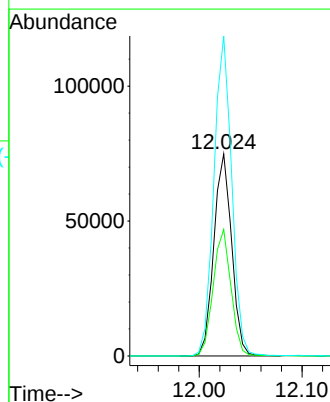
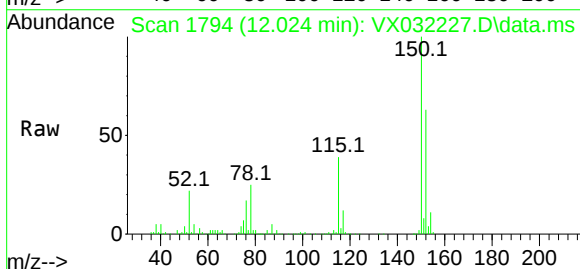
Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL02

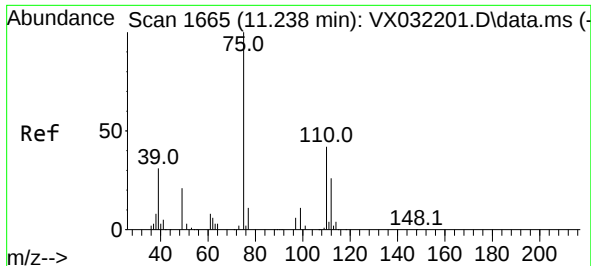
Tgt Ion:117 Resp: 193008
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 32.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

Tgt Ion:152 Resp: 90108
Ion Ratio Lower Upper
152 100
115 62.4 43.1 129.4
150 157.9 0.0 348.6

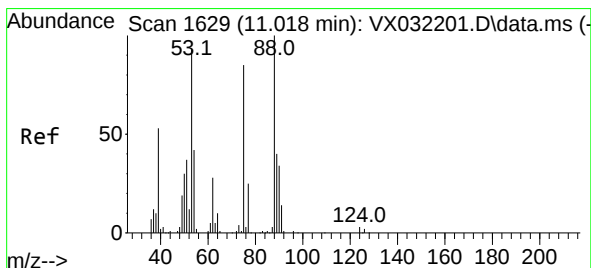
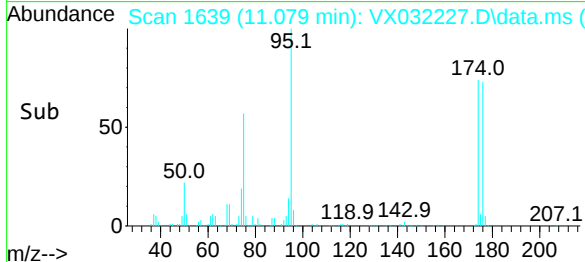
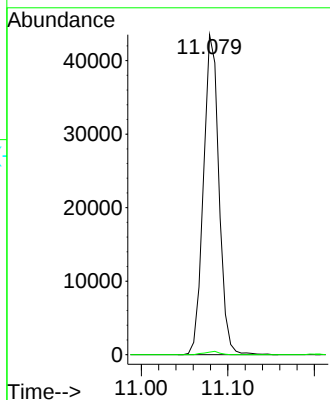
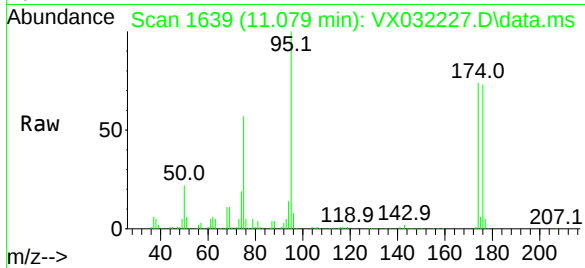




#76
1,2,3-Trichloropropane
Concen: 30.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX1019WBL02

Tgt Ion: 75 Resp: 54041
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032227.D
Acq: 19 Oct 2022 23:33

Tgt Ion: 75 Resp: 54041
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

