

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033431.D
 Acq On : 15 Dec 2022 10:39
 Operator : JC/MD
 Sample : VX1215WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBL01

Quant Time: Dec 16 00:59:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

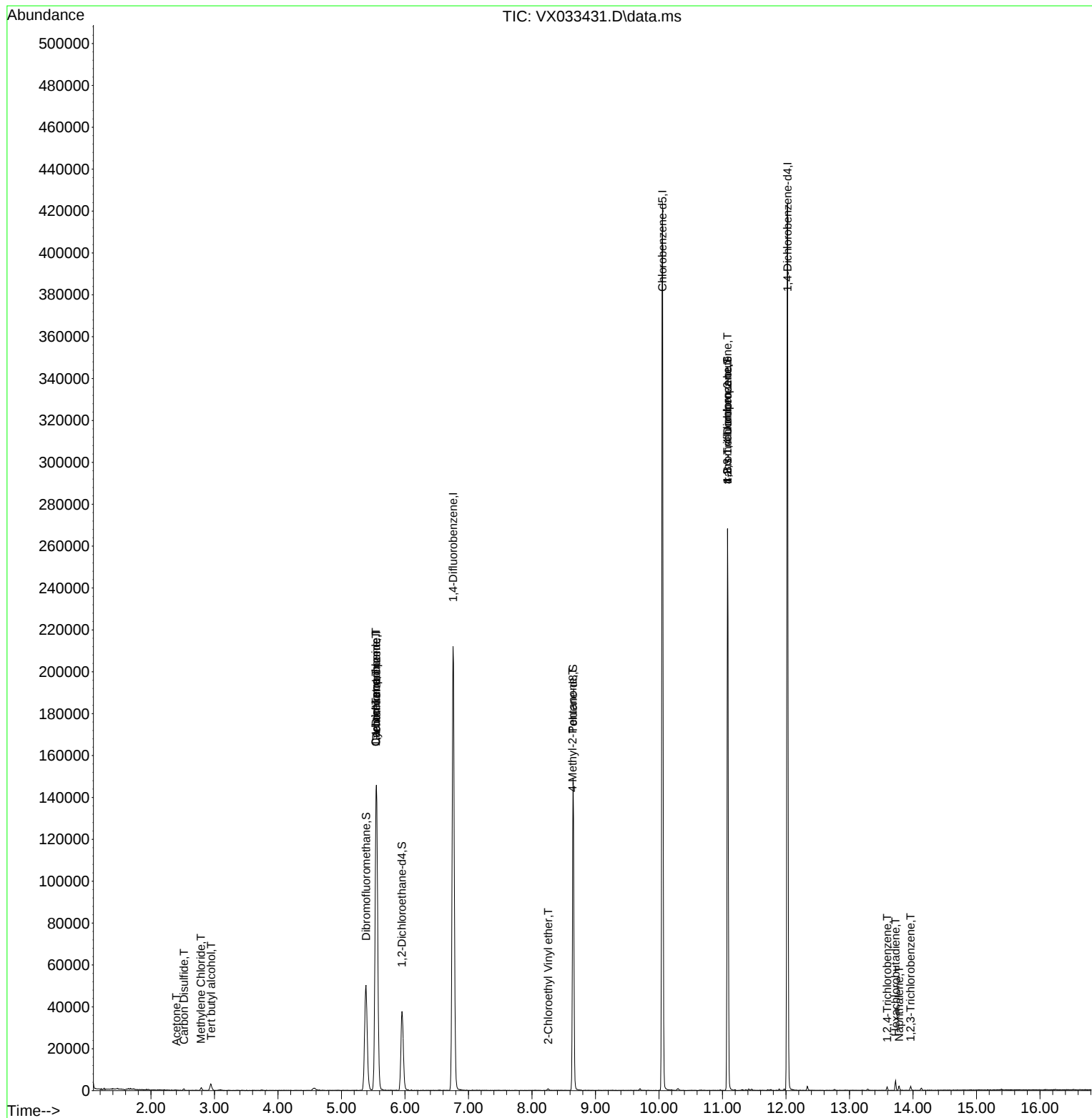
Internal Standards						
1) Pentafluorobenzene	5.550	168	143365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39540	42.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.980%
35) Dibromofluoromethane	5.385	113	44225	43.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.880%
50) Toluene-d8	8.647	98	90233	42.854	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.700%#
62) 4-Bromofluorobenzene	11.079	95	70078	43.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1758	6.252	ug/l #	72
16) Acetone	2.398	43	351	0.516	ug/l #	45
17) Carbon Disulfide	2.520	76	845	0.253	ug/l #	91
20) Methylene Chloride	2.788	84	709	0.467	ug/l #	72
31) Cyclohexane	5.544	56	2768	1.266	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10685	5.445	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14695	6.684	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	394	0.209	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.257	63	474	0.473	ug/l #	77
76) 1,2,3-Trichloropropane	11.079	75	36684	19.578	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36684	60.900	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	575	0.312	ug/l	86
94) Hexachlorobutadiene	13.725	225	711	0.963	ug/l	96
95) Naphthalene	13.780	128	1799	0.293	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	739	0.396	ug/l	82

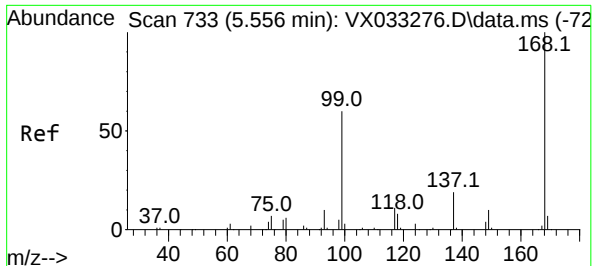
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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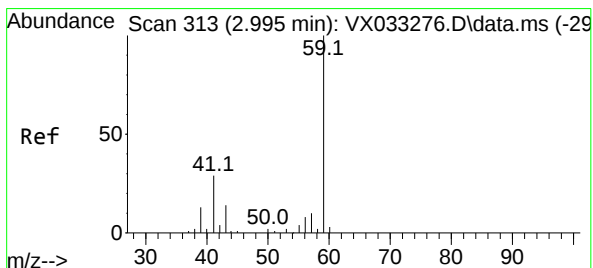
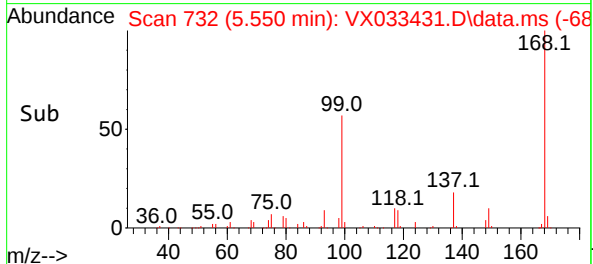
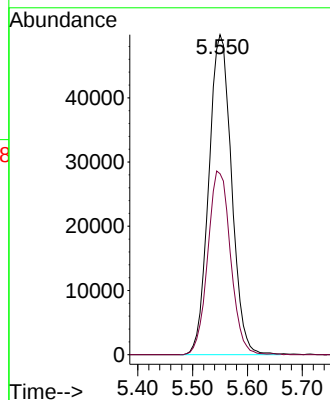
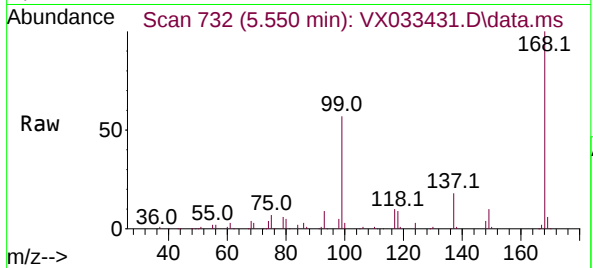




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

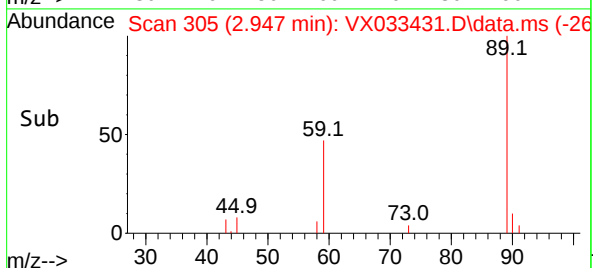
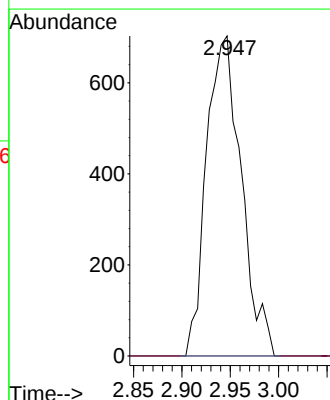
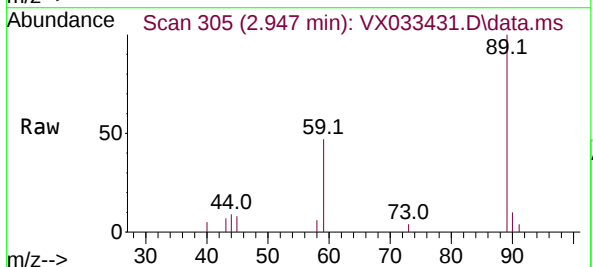
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

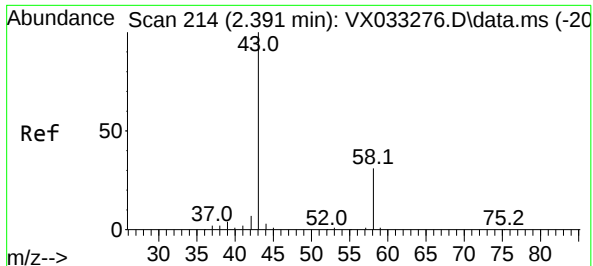
Tgt Ion:168 Resp: 143365
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.252 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion: 59 Resp: 1758
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

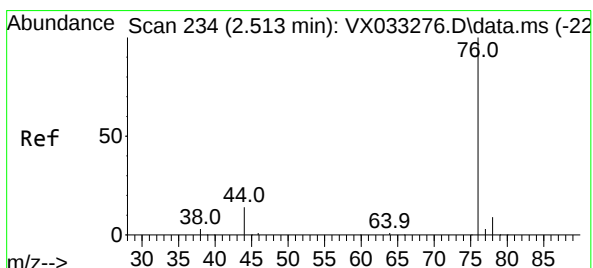
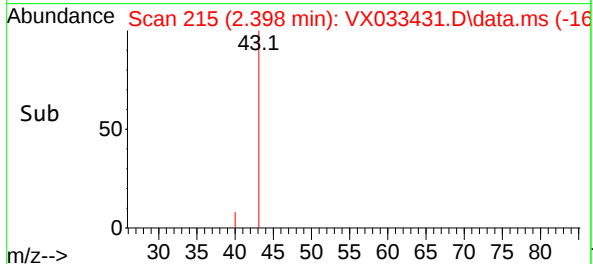
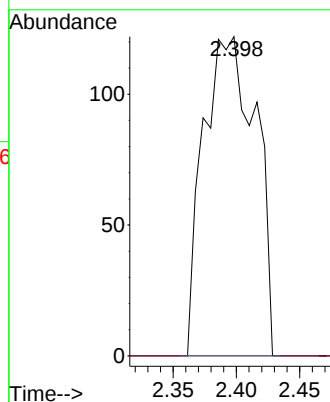
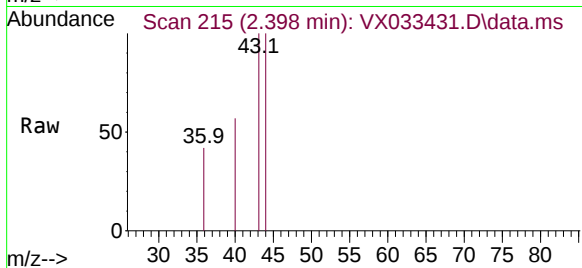




#16
Acetone
Concen: 0.516 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

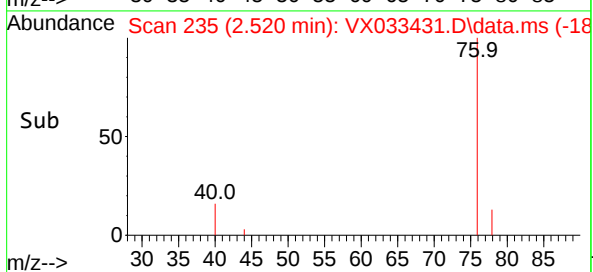
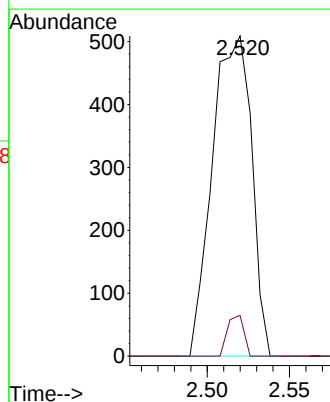
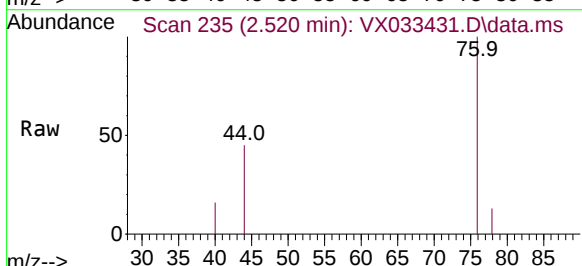
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

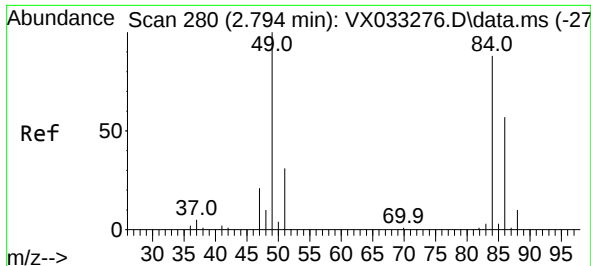
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.253 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.007 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion: 76 Resp: 845
Ion Ratio Lower Upper
76 100
78 12.8 7.5 11.3#

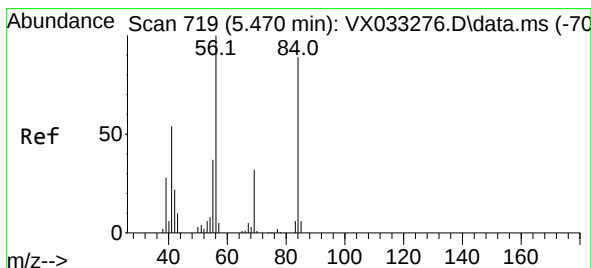
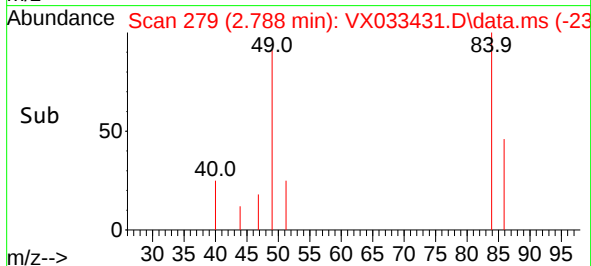
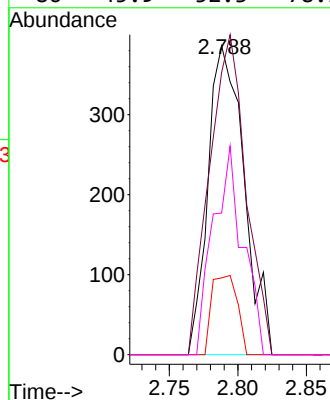
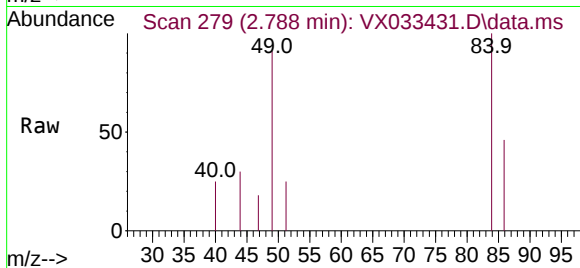




#20
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

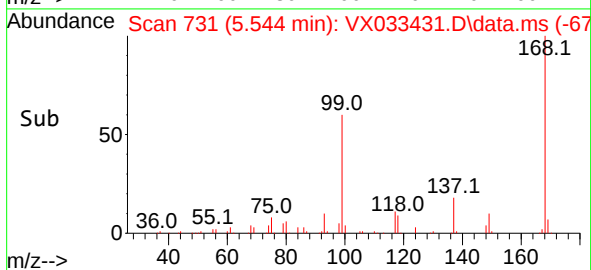
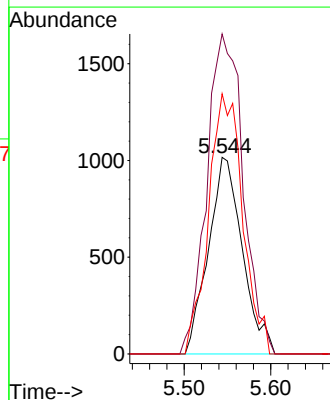
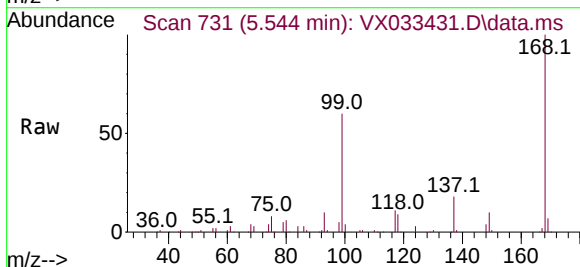
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

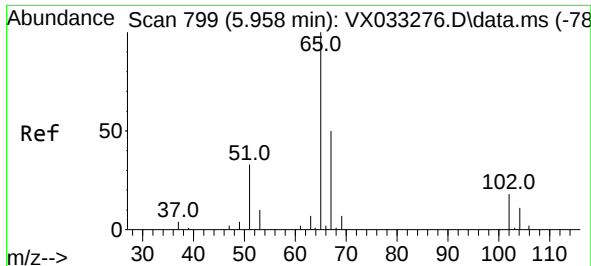
Tgt Ion:	84	Resp:	709
Ion	Ratio	Lower	Upper
84	100		
49	91.5	101.0	151.6#
51	24.9	31.1	46.7#
86	45.9	52.3	78.5#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion:	56	Resp:	2768
Ion	Ratio	Lower	Upper
56	100		
69	162.8	24.1	36.1#
84	132.4	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 42.991 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033431.D

Acq: 15 Dec 2022 10:39

Instrument :

MSVOA_X

ClientSampleId :

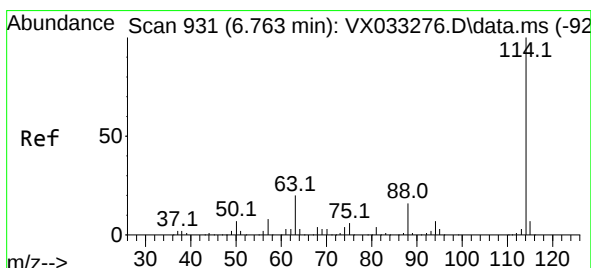
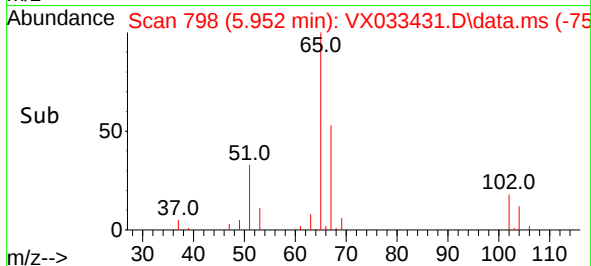
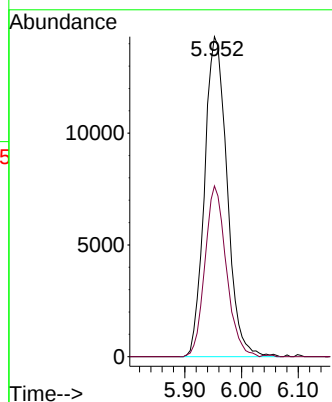
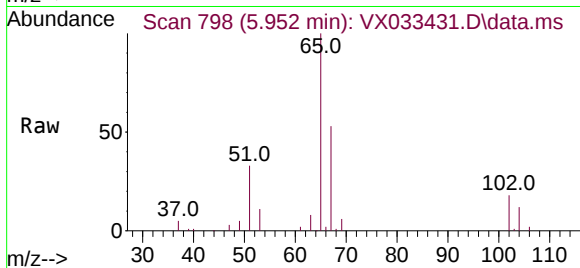
VX1215WBL01

Tgt Ion: 65 Resp: 39540

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033431.D

Acq: 15 Dec 2022 10:39

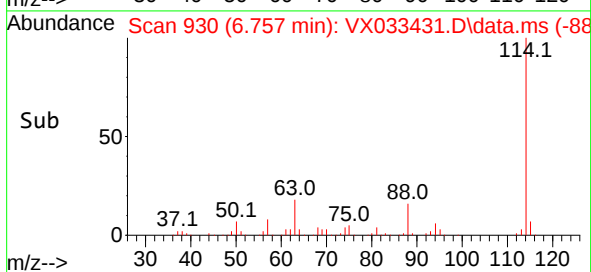
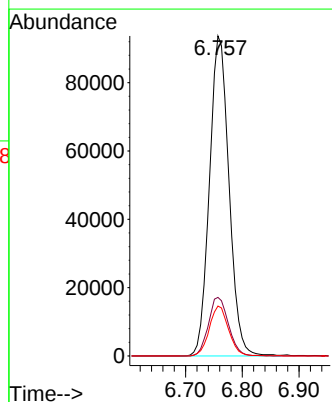
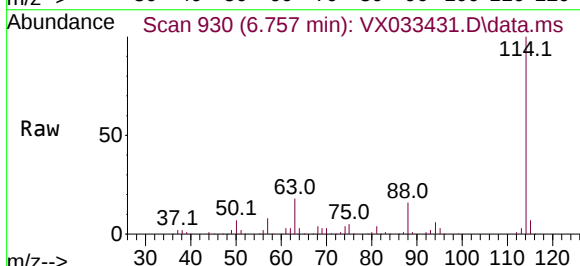
Tgt Ion: 114 Resp: 223781

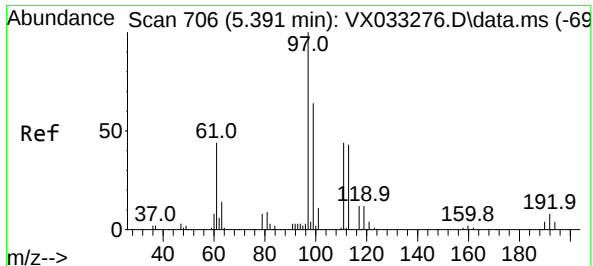
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.6

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 43.938 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033431.D

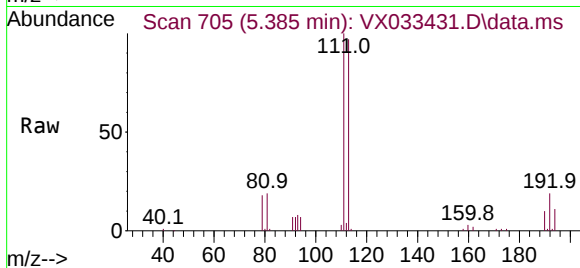
Acq: 15 Dec 2022 10:39

Instrument :

MSVOA_X

ClientSampleId :

VX1215WBL01



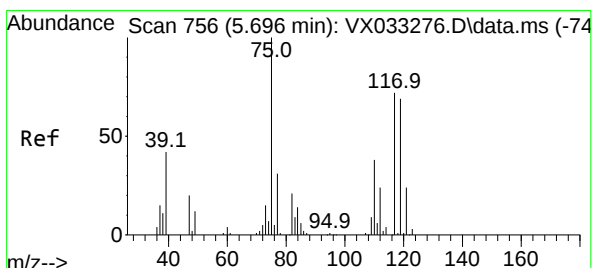
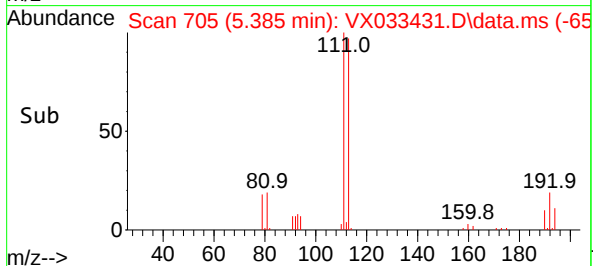
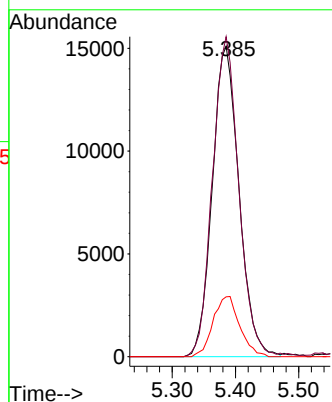
Tgt Ion:113 Resp: 44225

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.445 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX033431.D

Acq: 15 Dec 2022 10:39

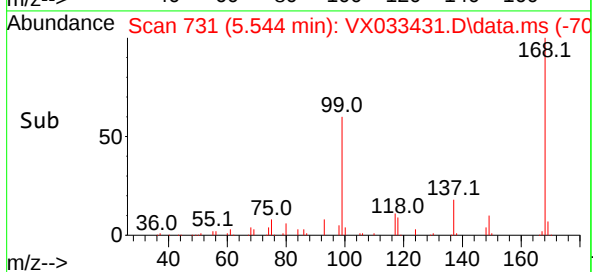
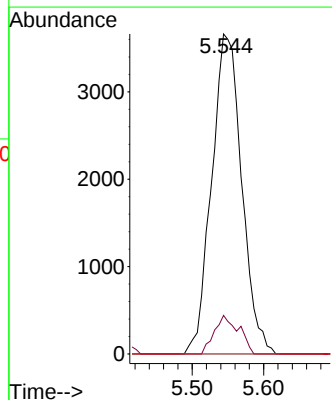
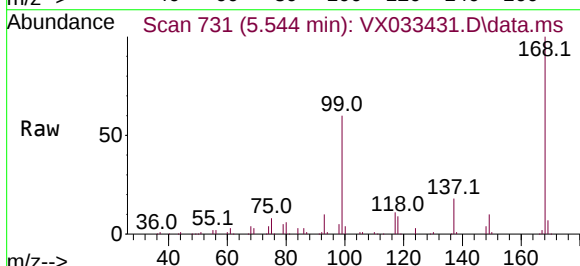
Tgt Ion: 75 Resp: 10685

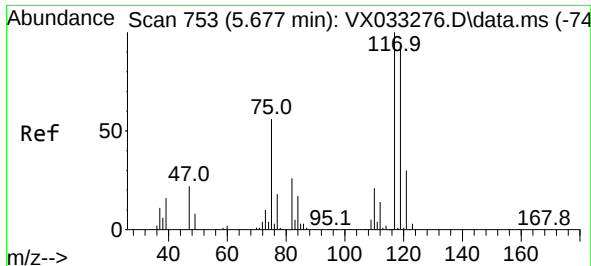
Ion Ratio Lower Upper

75 100

110 9.8 18.4 55.2#

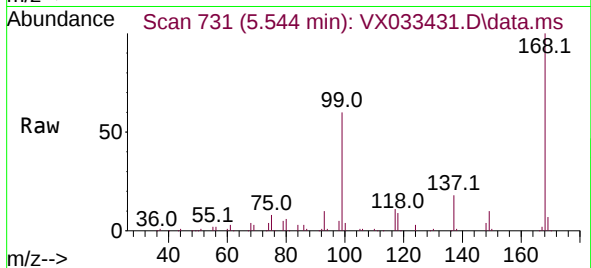
77 0.0 24.5 36.7#



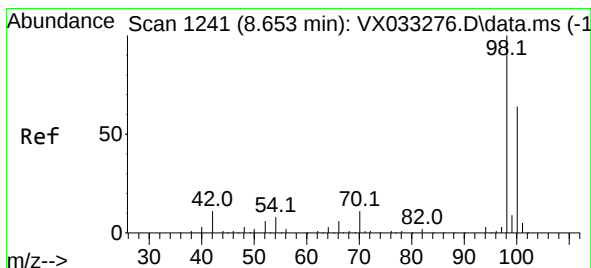
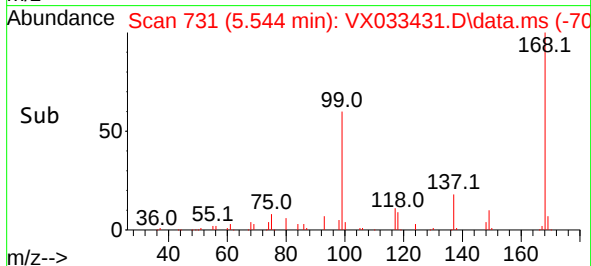
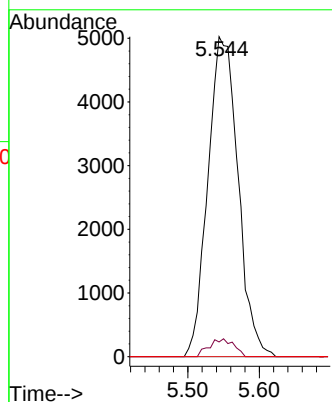


#38
Carbon Tetrachloride
Concen: 6.684 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

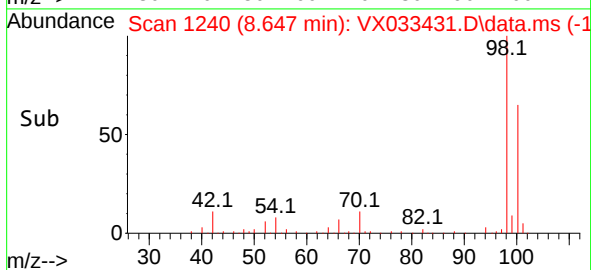
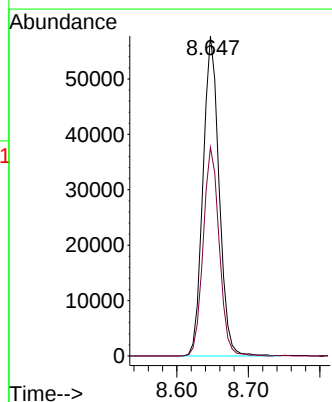
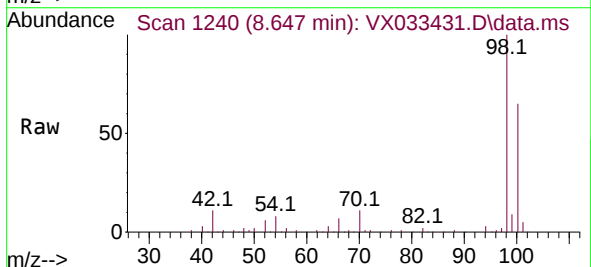


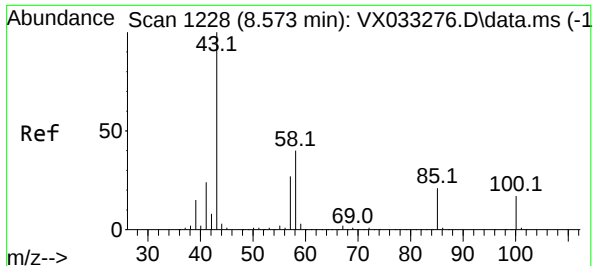
Tgt Ion:117 Resp: 14695
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 42.854 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion: 98 Resp: 90233
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3

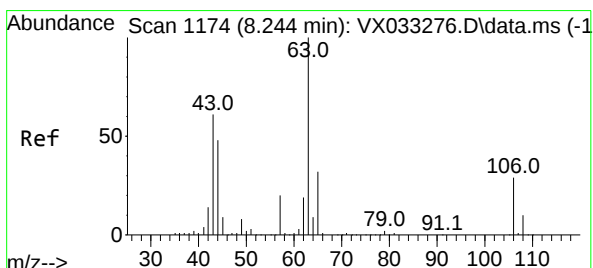
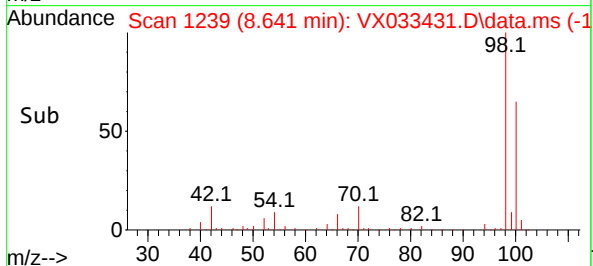
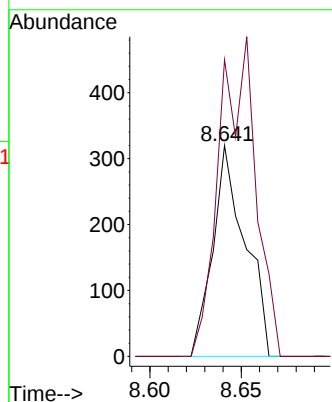
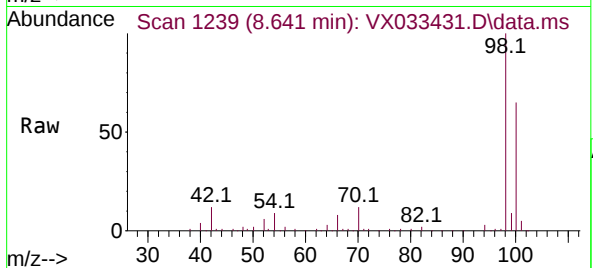




#51
4-Methyl-2-Pentanone
Concen: 0.209 ug/l
RT: 8.641 min Scan# 1175
Delta R.T. 0.068 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

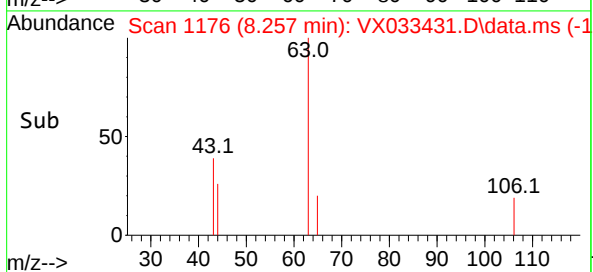
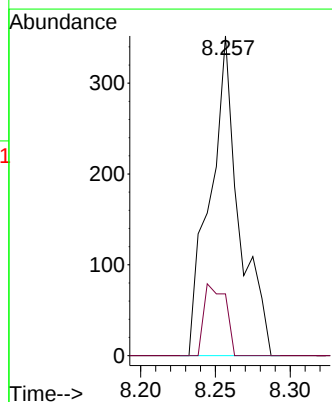
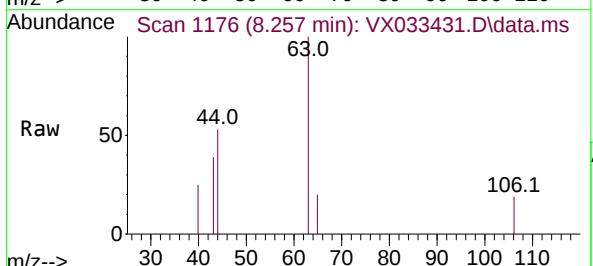
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

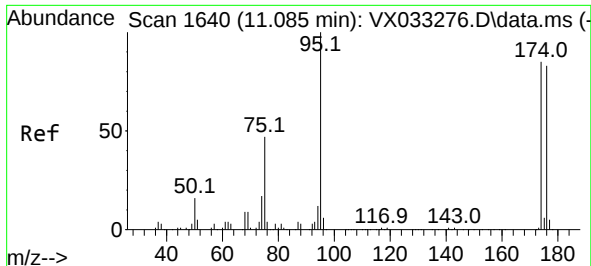
Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 170.3 30.9 46.3#



#58
2-Chloroethyl Vinyl ether
Concen: 0.473 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.013 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion: 63 Resp: 474
Ion Ratio Lower Upper
63 100
106 16.7 23.3 34.9#

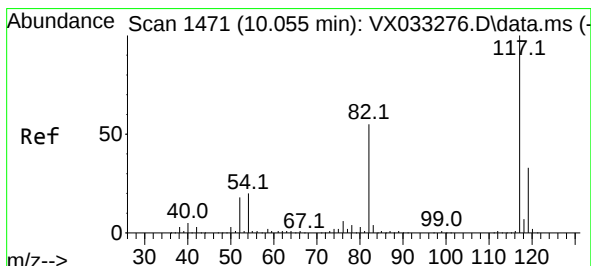
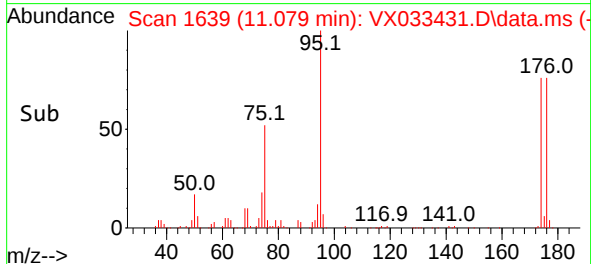
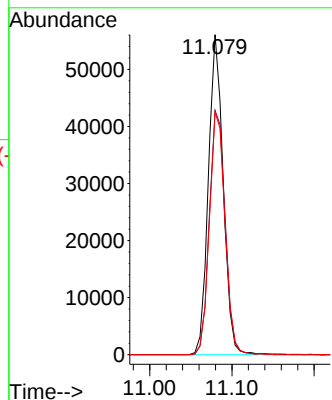
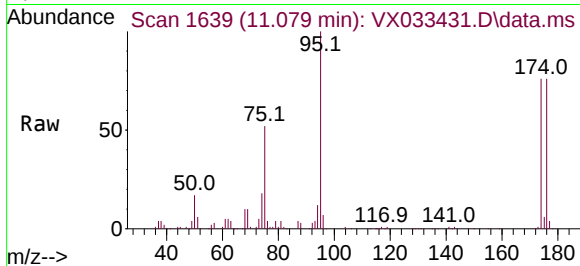




#62
4-Bromofluorobenzene
Concen: 43.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

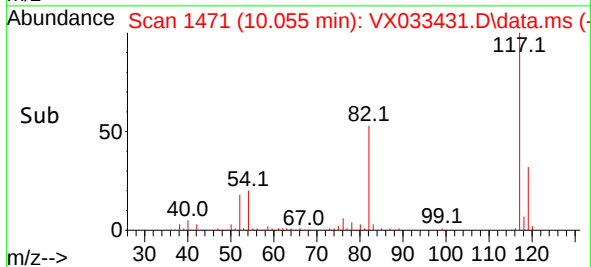
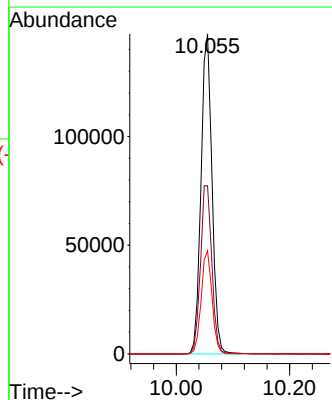
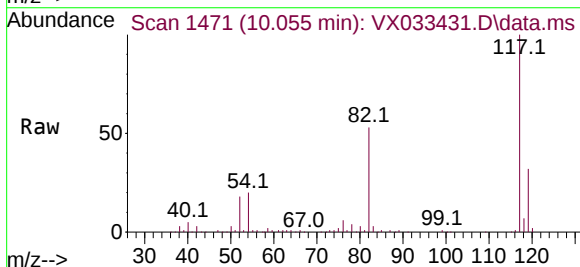
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

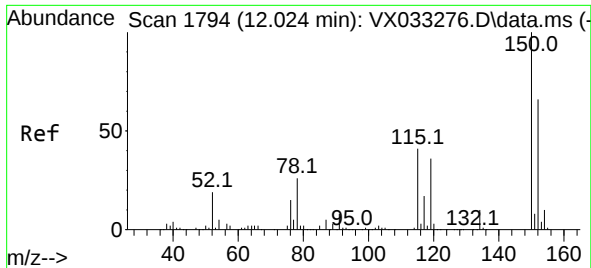
Tgt Ion: 95 Resp: 70078
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 80.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion: 117 Resp: 198464
Ion Ratio Lower Upper
117 100
82 52.6 44.3 66.5
119 32.2 25.7 38.5

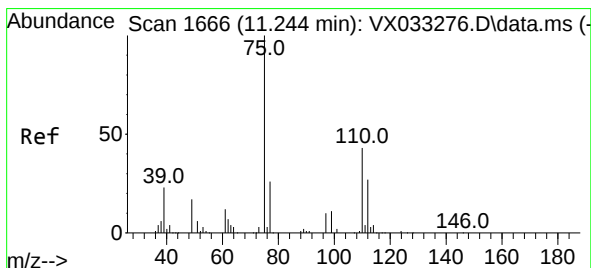
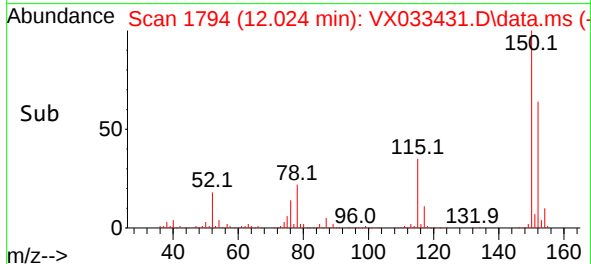
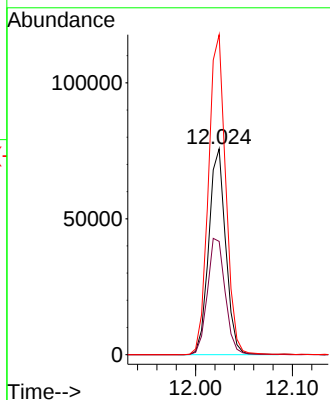
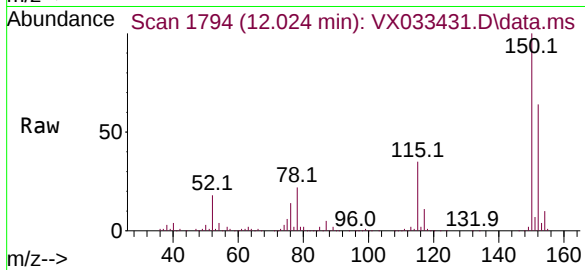




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

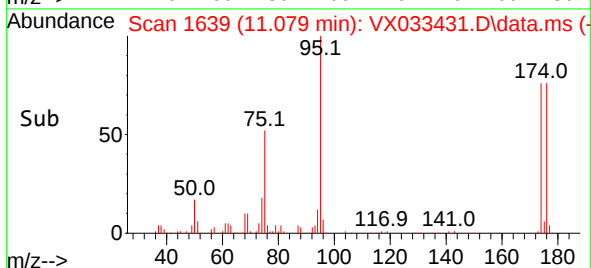
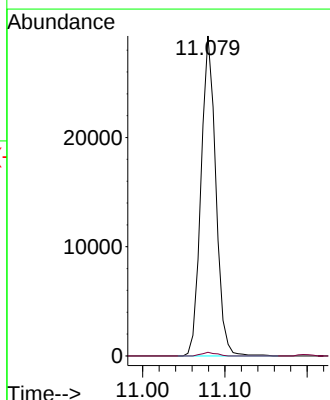
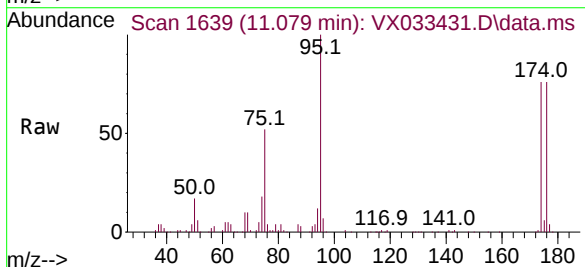
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

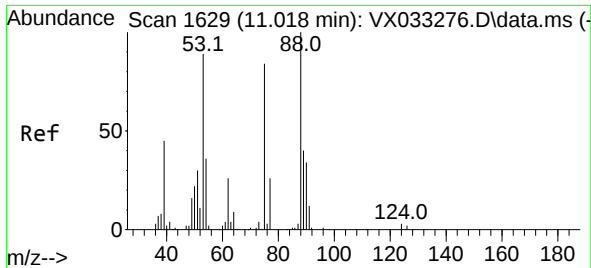
Tgt Ion:152 Resp: 92099
Ion Ratio Lower Upper
152 100
115 59.3 44.0 132.0
150 158.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 19.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion: 75 Resp: 36684
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#

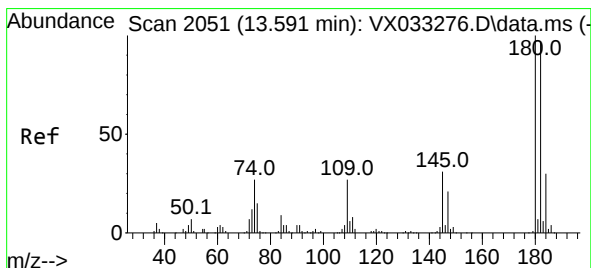
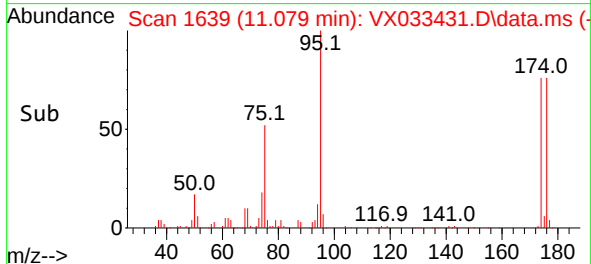
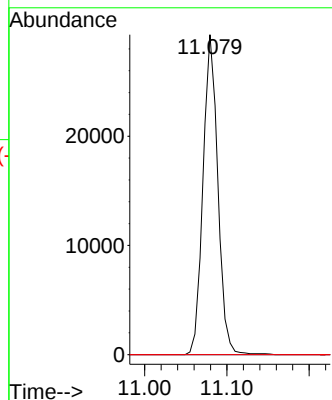
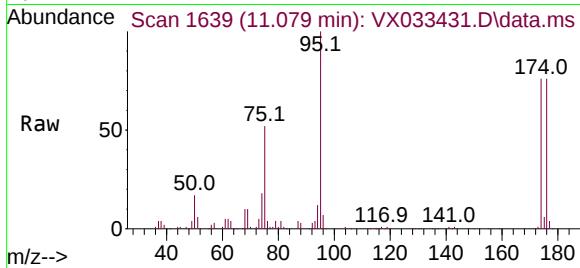




#81
trans-1,4-Dichloro-2-butene
Concen: 60.900 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

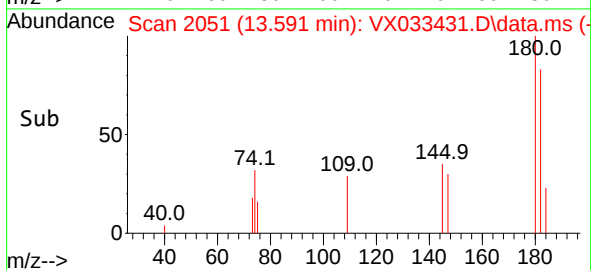
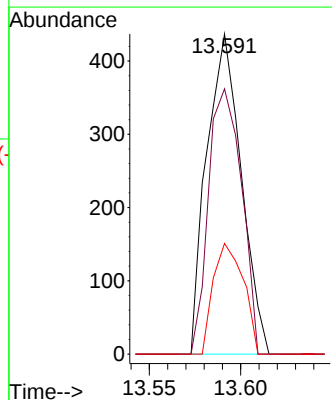
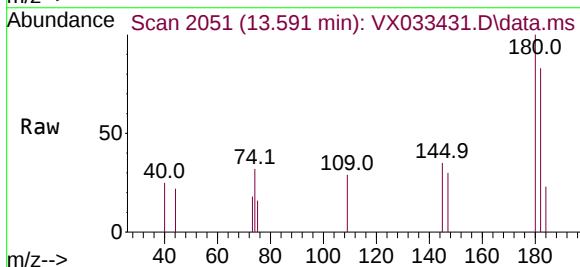
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

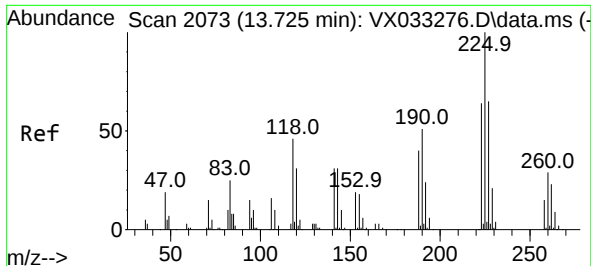
Tgt Ion: 75 Resp: 36684
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.312 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion:180 Resp: 575
Ion Ratio Lower Upper
180 100
182 79.3 48.4 145.0
145 30.1 16.2 48.5

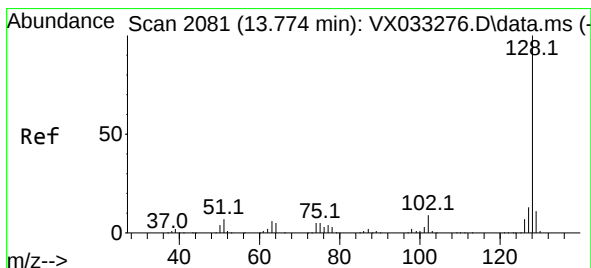
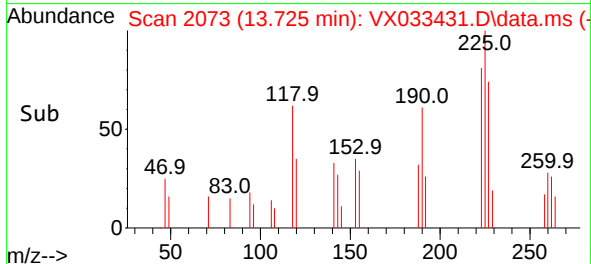
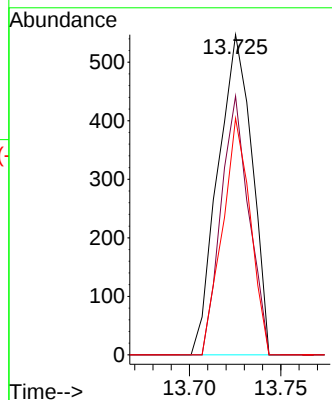
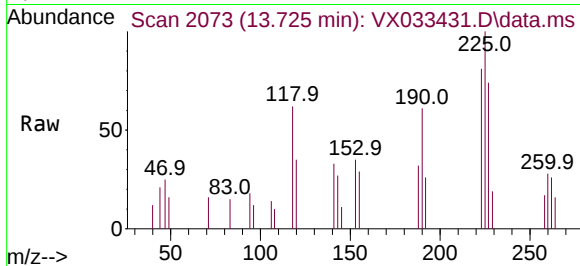




#94
Hexachlorobutadiene
Concen: 0.963 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

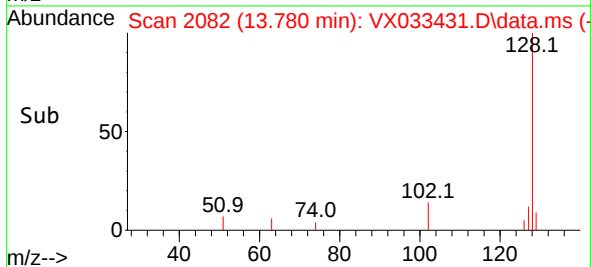
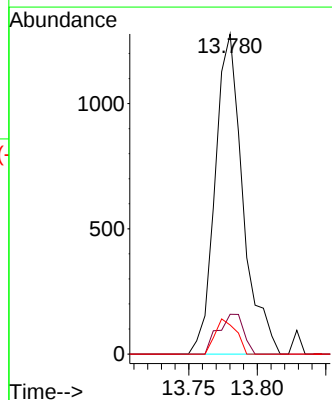
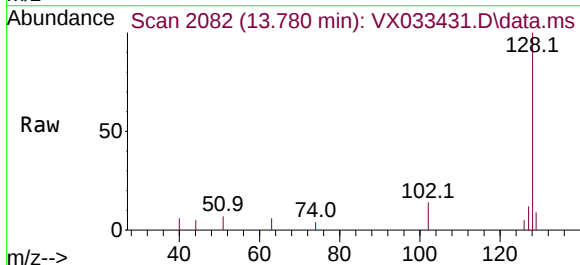
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

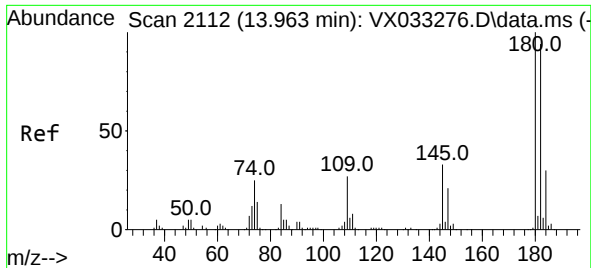
Tgt Ion:225	Resp:	711
Ion	Ratio	Lower Upper
225	100	
223	66.2	31.9 95.9
227	60.3	31.9 95.5



#95
Naphthalene
Concen: 0.293 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.007 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion:128	Resp:	1799
Ion	Ratio	Lower Upper
128	100	
127	11.4	10.2 15.4
129	8.2	8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.396 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX033431.D
 Acq: 15 Dec 2022 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBL01

Tgt Ion:180 Resp: 739
 Ion Ratio Lower Upper
 180 100
 182 79.7 47.5 142.6
 145 21.0 16.9 50.6

