

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024414.D
 Acq On : 22 Sep 2021 03:25
 Operator : JC/MD
 Sample : M3833-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20210920

Quant Time: Oct 01 04:13:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

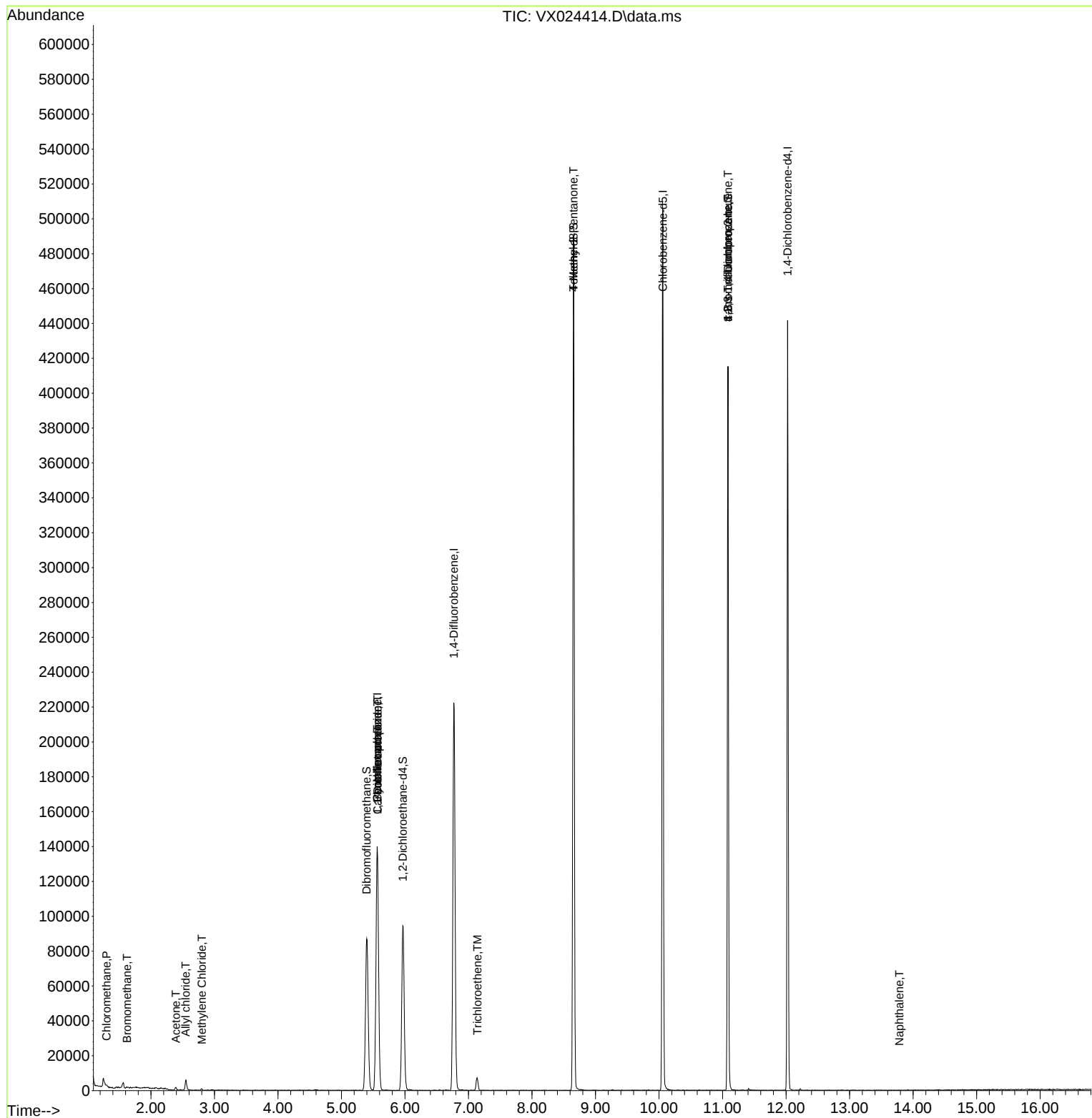
Internal Standards						
1) Pentafluorobenzene	5.562	168	127030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	234748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97532	53.843	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.680%	
35) Dibromofluoromethane	5.397	113	75518	50.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	8.653	98	276383	50.972	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	11.085	95	105777	50.128	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	327	0.256	ug/l #	77
5) Bromomethane	1.623	94	473	0.626	ug/l #	69
11) Tert butyl alcohol	2.983	59	40	Below Cal	#	73
14) Allyl chloride	2.544	41	600	0.282	ug/l #	60
16) Acetone	2.392	43	1767	2.288	ug/l	90
20) Methylene Chloride	2.800	84	303	0.204	ug/l #	72
31) Cyclohexane	5.562	56	2786	1.315	ug/l #	14
36) 1,1-Dichloropropene	5.568	75	10045	4.923	ug/l #	49
38) Carbon Tetrachloride	5.568	117	13218	5.755	ug/l #	17
44) Trichloroethene	7.141	130	2804	1.705	ug/l	77
51) 4-Methyl-2-Pentanone	8.653	43	1260	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56187	27.706	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56187	81.482	ug/l #	12
95) Naphthalene	13.786	128	25	1.291	ug/l #	69

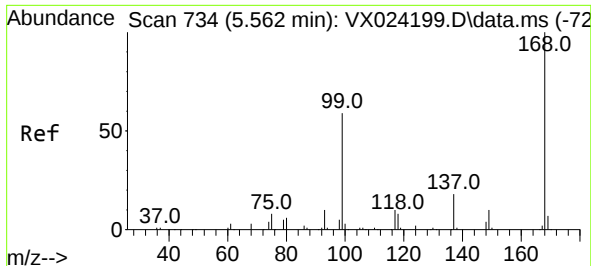
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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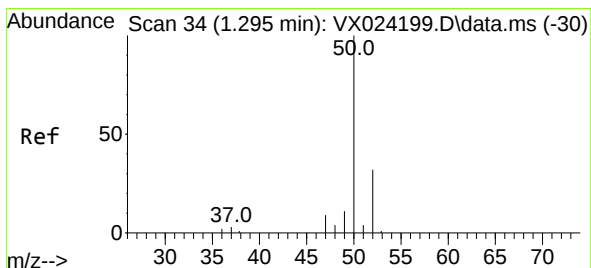
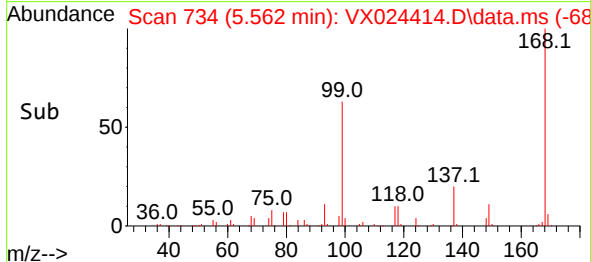
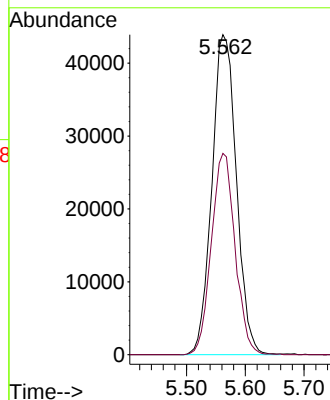
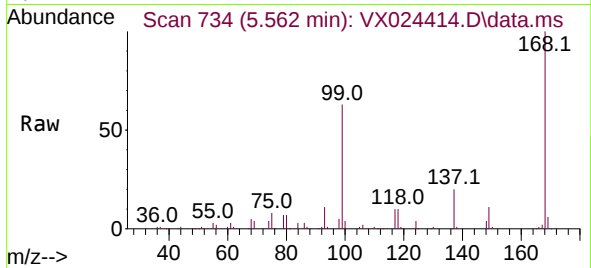




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

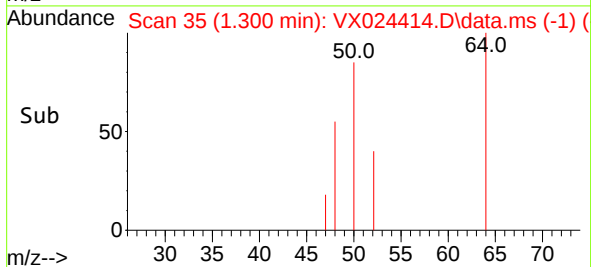
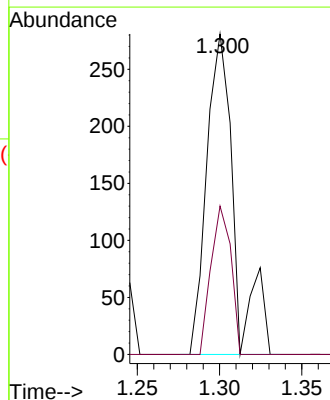
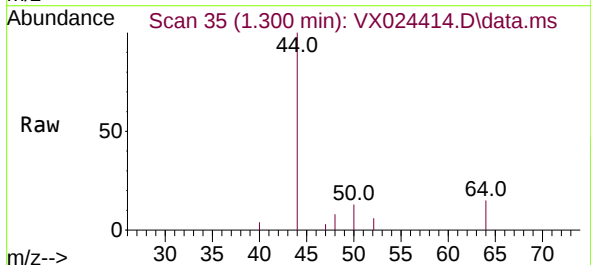
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20210920

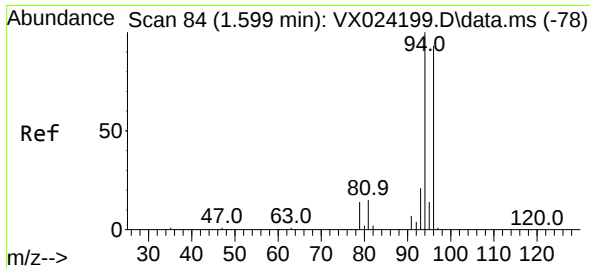
Tgt Ion:168 Resp: 127030
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: 0.256 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 46.3 26.4 39.6#

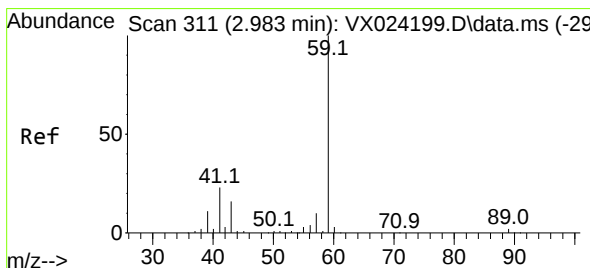
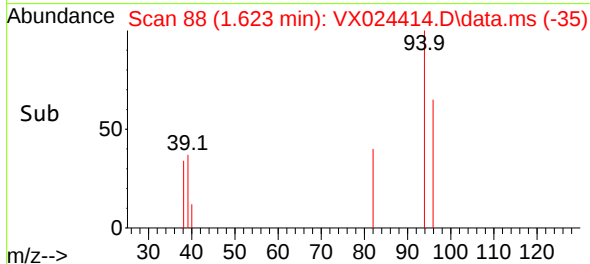
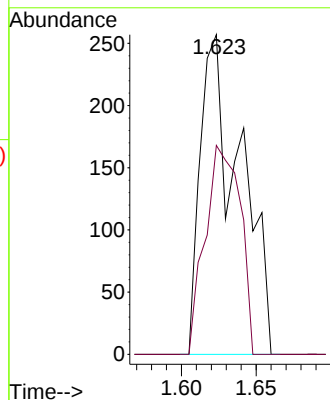
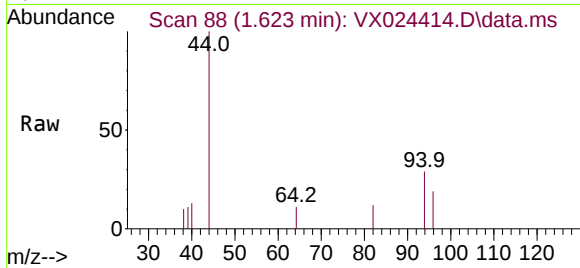




#5
Bromomethane
Concen: 0.626 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

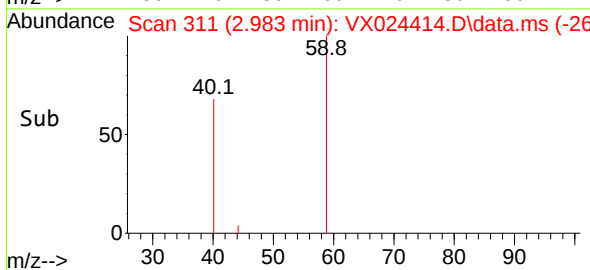
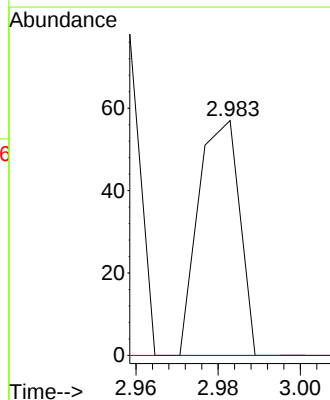
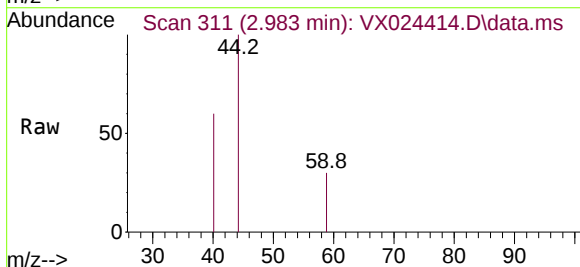
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20210920

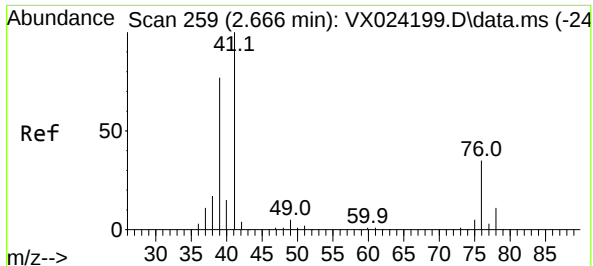
Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 65.4 76.4 114.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Tgt Ion: 59 Resp: 40
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#14

Allyl chloride

Concen: 0.282 ug/l

RT: 2.544 min Scan# 239

Delta R.T. -0.122 min

Lab File: VX024414.D

Acq: 22 Sep 2021 03:25

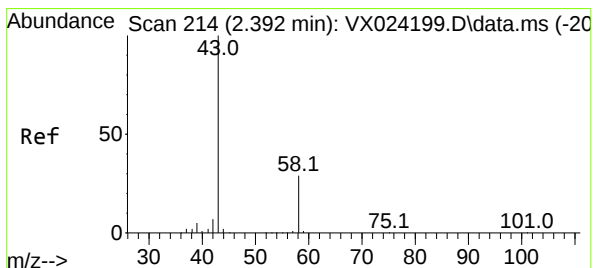
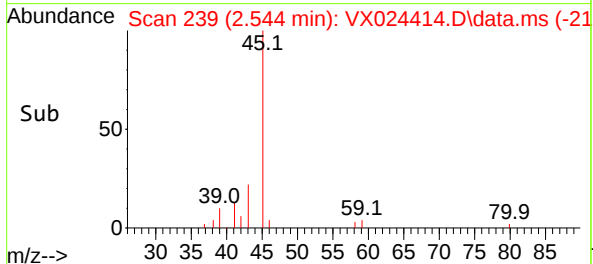
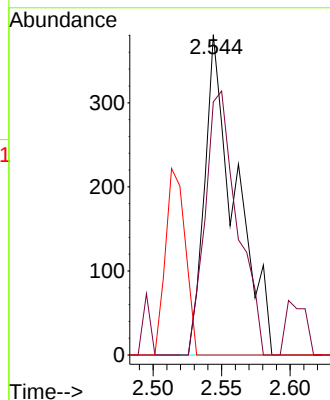
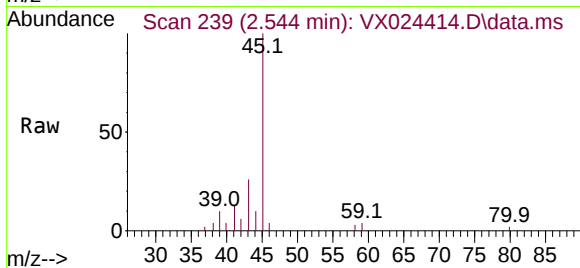
Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20210920

Tgt Ion: 41	Resp: 600
Ion Ratio	Lower Upper
41 100	
39 85.7	51.6 77.4#
76 0.0	30.5 45.7#



#16

Acetone

Concen: 2.288 ug/l

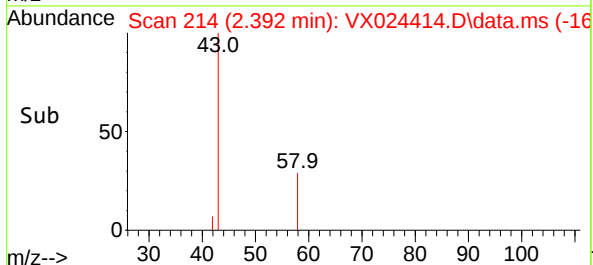
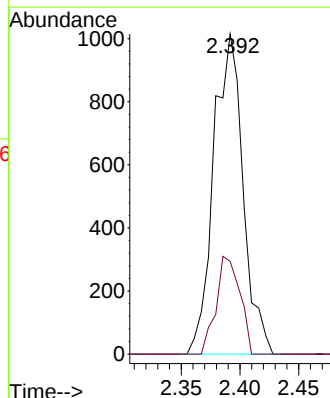
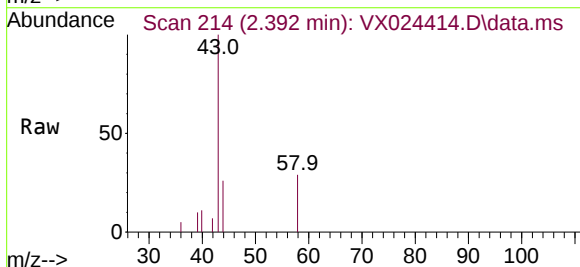
RT: 2.392 min Scan# 214

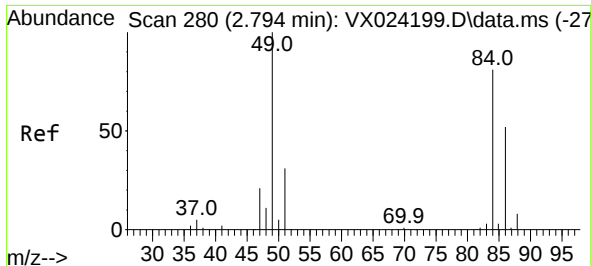
Delta R.T. -0.000 min

Lab File: VX024414.D

Acq: 22 Sep 2021 03:25

Tgt Ion: 43	Resp: 1767
Ion Ratio	Lower Upper
43 100	
58 29.0	27.8 41.8



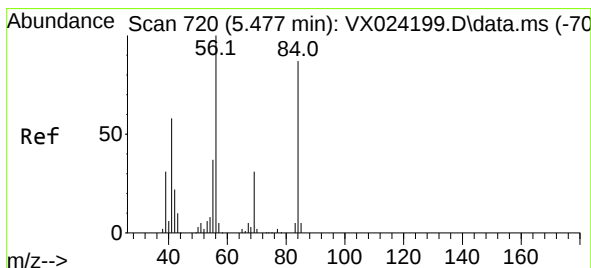
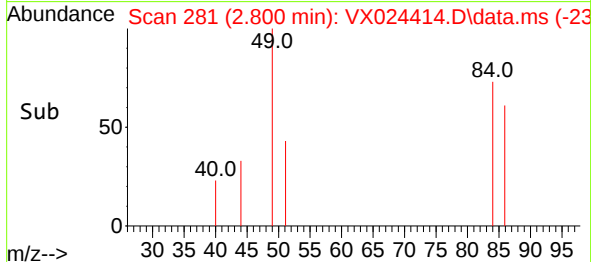
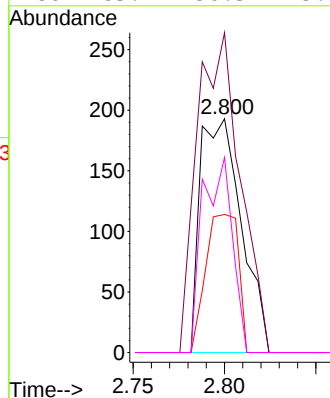
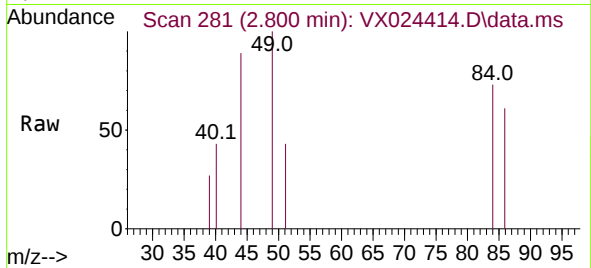


#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20210920

Tgt Ion: 84 Resp: 303

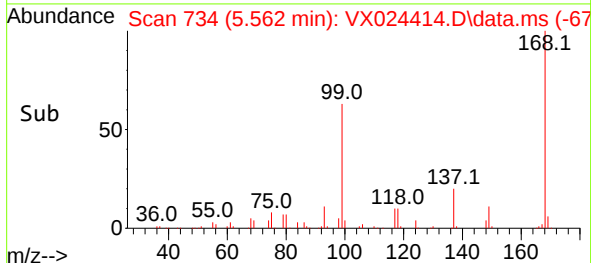
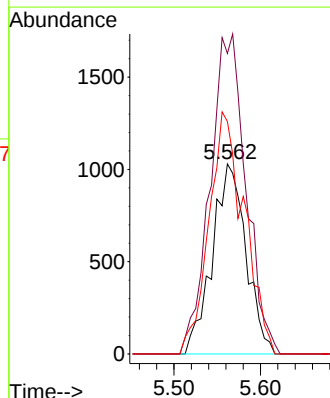
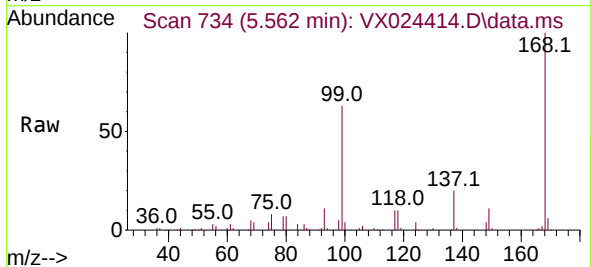
Ion	Ratio	Lower	Upper
84	100		
49	136.8	88.6	132.8#
51	59.1	27.0	40.6#
86	83.4	50.3	75.5#

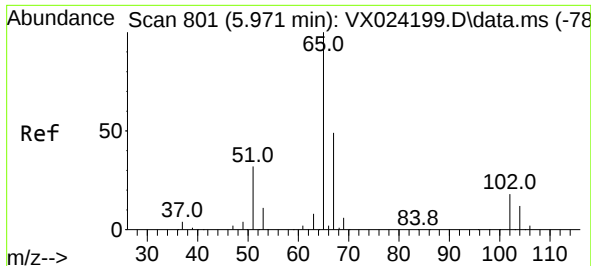


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Tgt Ion: 56 Resp: 2786

Ion	Ratio	Lower	Upper
56	100		
69	158.1	25.3	37.9#
84	122.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.843 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

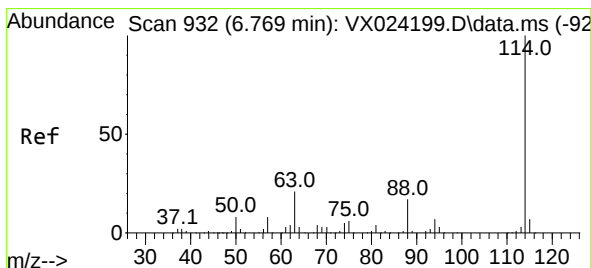
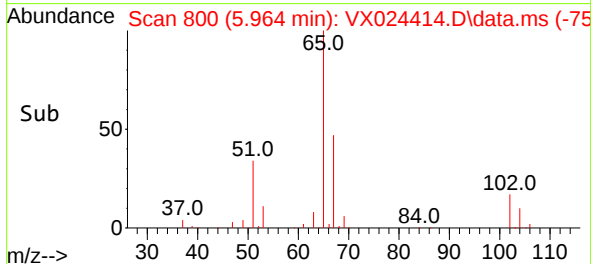
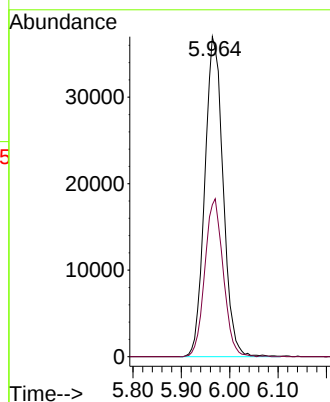
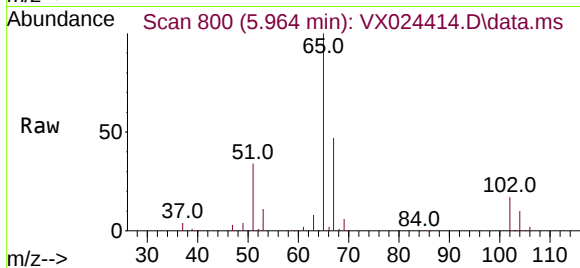
Lab File: VX024414.D

Acq: 22 Sep 2021 03:25

Tgt Ion: 65 Resp: 97532

Ion Ratio Lower Upper

65	100		
67	49.5	0.0	105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

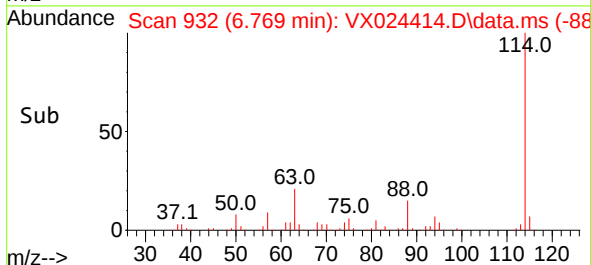
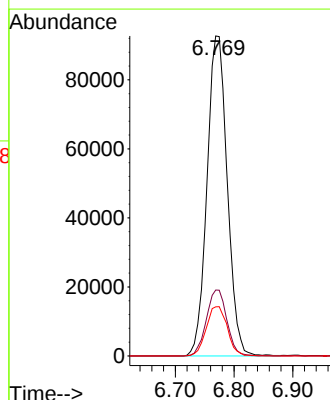
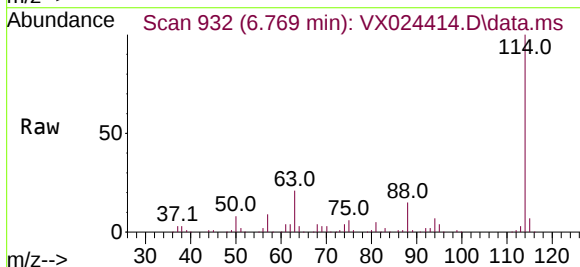
Lab File: VX024414.D

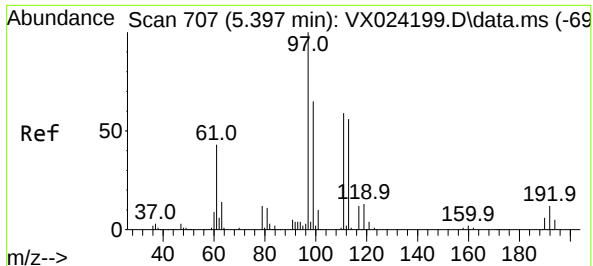
Acq: 22 Sep 2021 03:25

Tgt Ion: 114 Resp: 221938

Ion Ratio Lower Upper

114	100		
63	20.6	0.0	40.8
88	15.4	0.0	32.8





#35

Dibromofluoromethane

Concen: 50.737 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024414.D

Acq: 22 Sep 2021 03:25

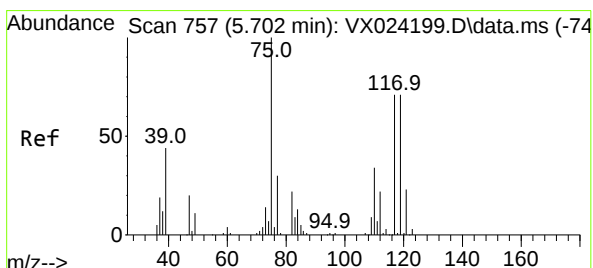
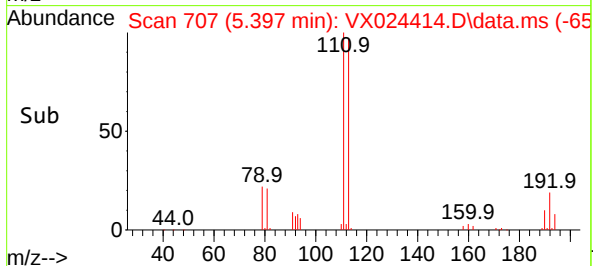
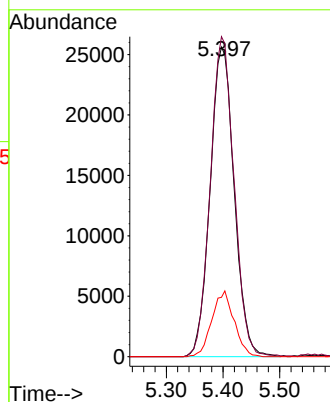
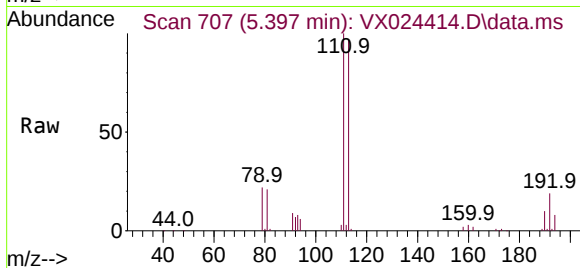
Tgt Ion:	113	Resp:	75518
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	19.6	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 4.923 ug/l

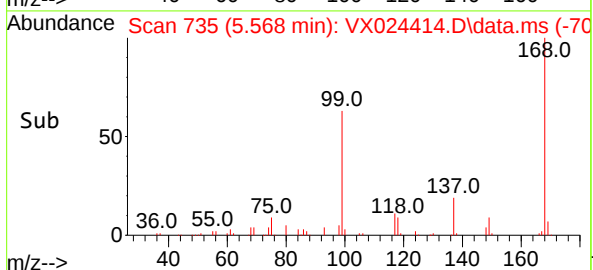
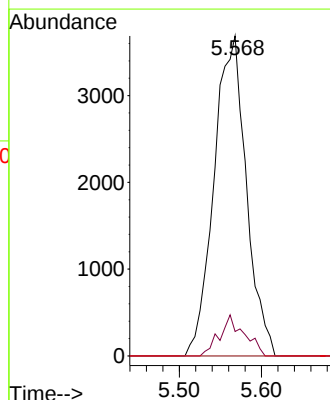
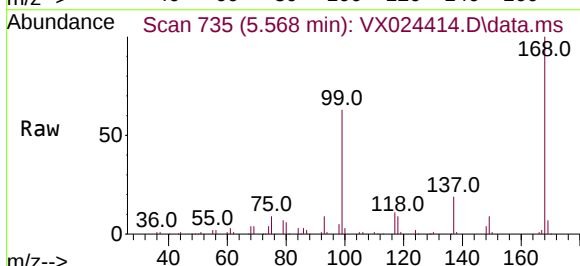
RT: 5.568 min Scan# 735

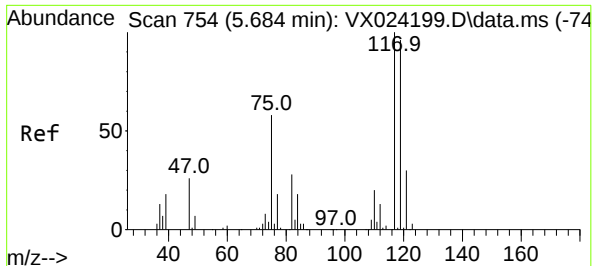
Delta R.T. -0.134 min

Lab File: VX024414.D

Acq: 22 Sep 2021 03:25

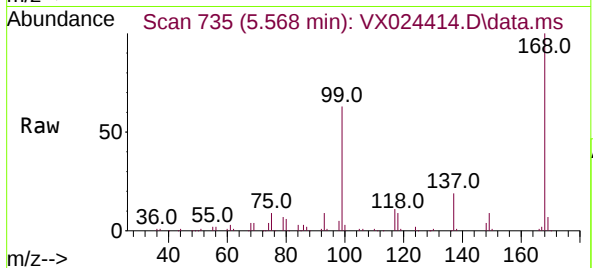
Tgt Ion:	75	Resp:	10045
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#



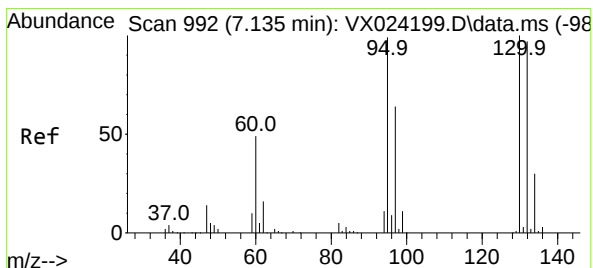
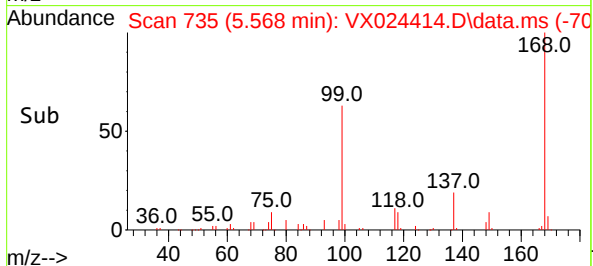
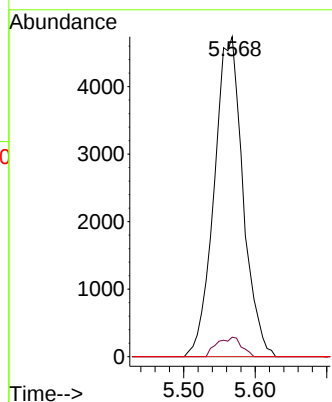


#38
Carbon Tetrachloride
Concen: 5.755 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20210920

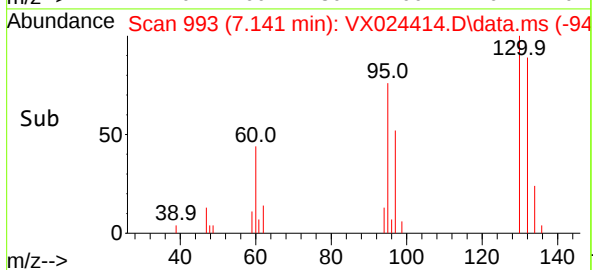
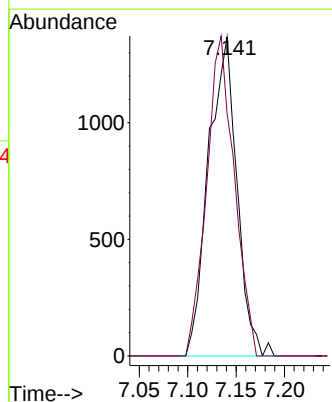
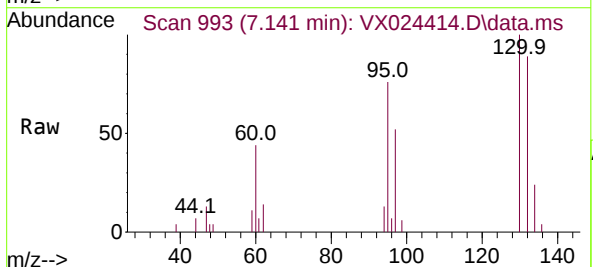


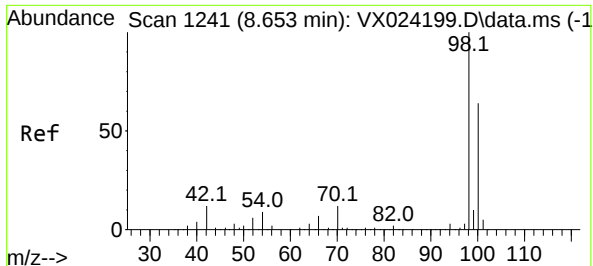
Tgt Ion:117 Resp: 13218
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 1.705 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.006 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Tgt Ion:130 Resp: 2804
Ion Ratio Lower Upper
130 100
95 76.0 0.0 198.0

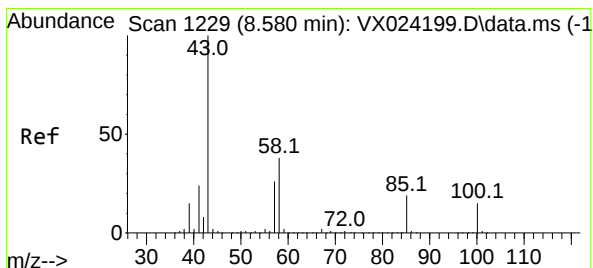
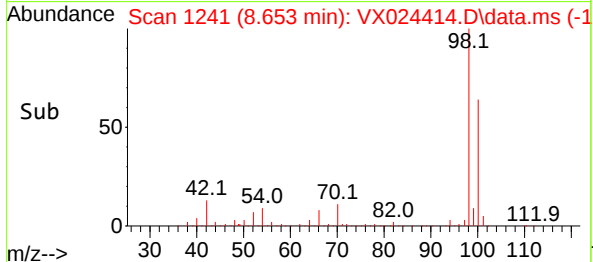
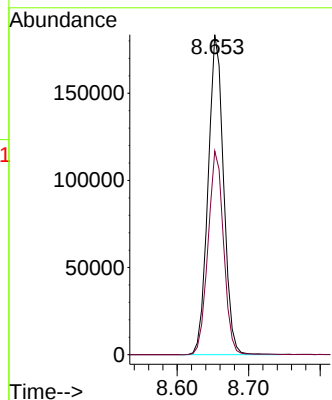
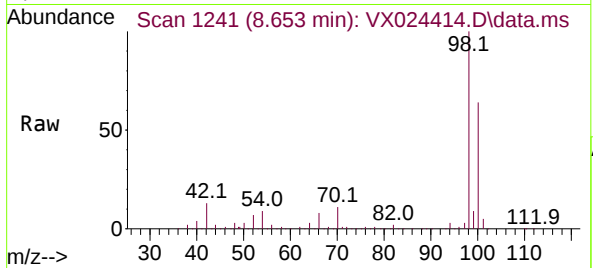




#50
Toluene-d8
Concen: 50.972 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

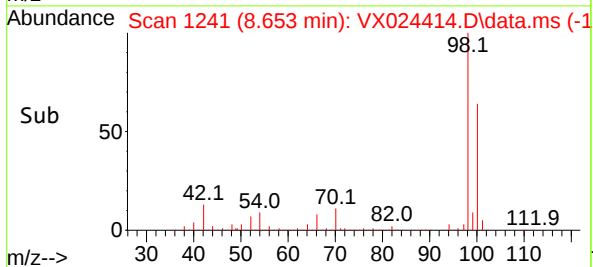
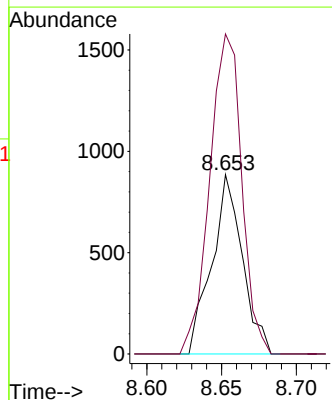
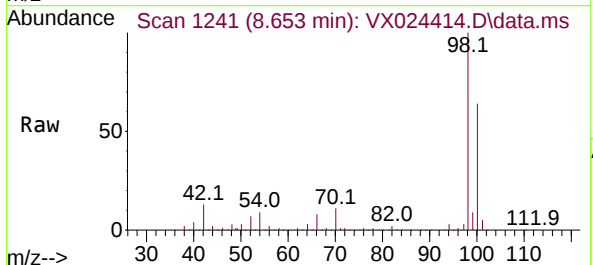
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20210920

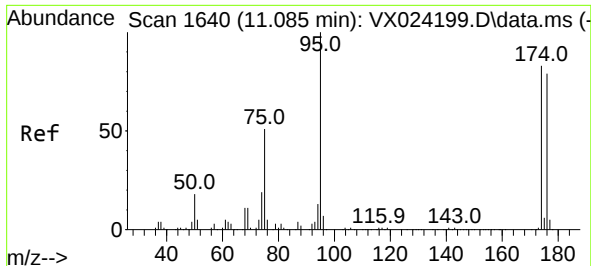
Tgt Ion: 98 Resp: 276383
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 186.5 35.4 53.0#

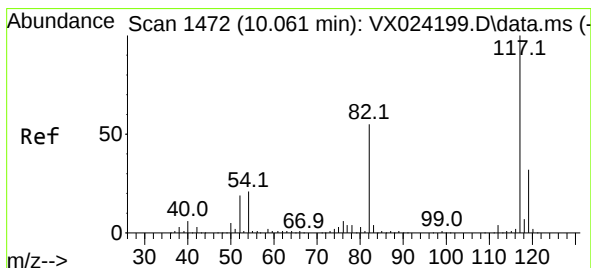
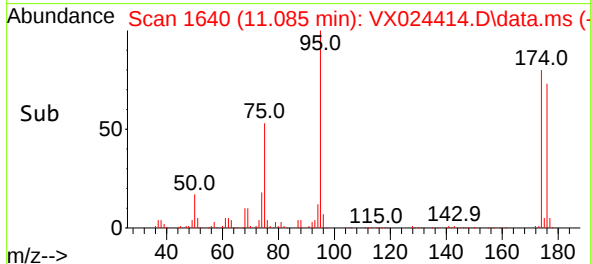
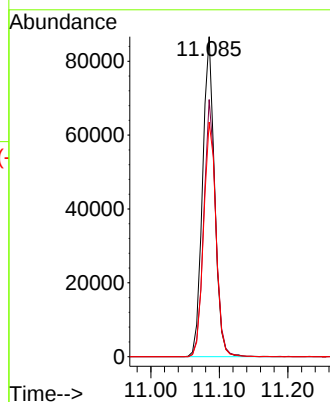
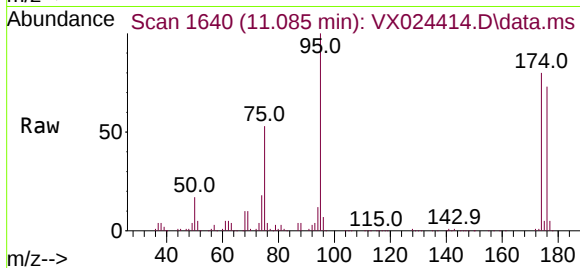




#62
4-Bromofluorobenzene
Concen: 50.128 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

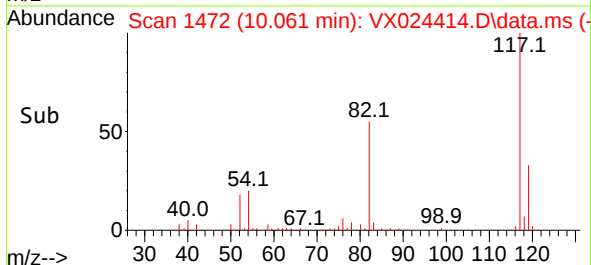
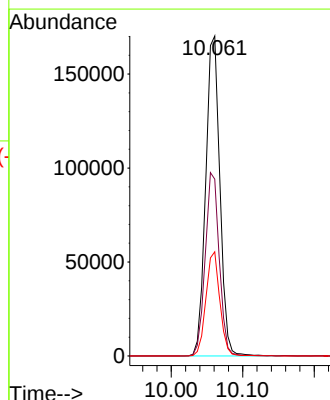
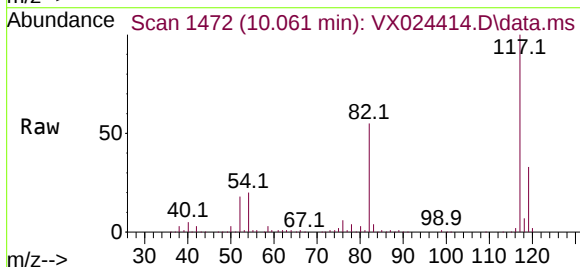
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20210920

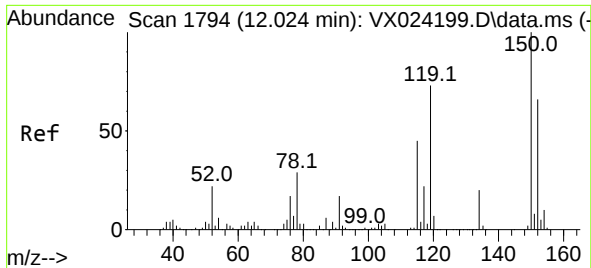
Tgt Ion: 95 Resp: 105777
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 75.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Tgt Ion: 117 Resp: 234748
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 32.6 26.6 39.8

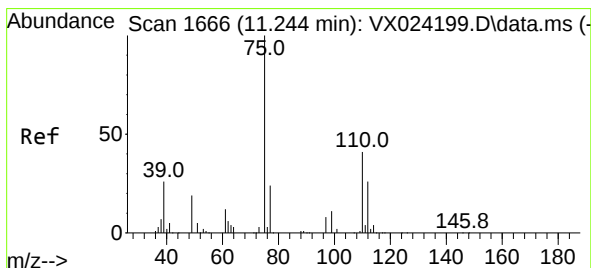
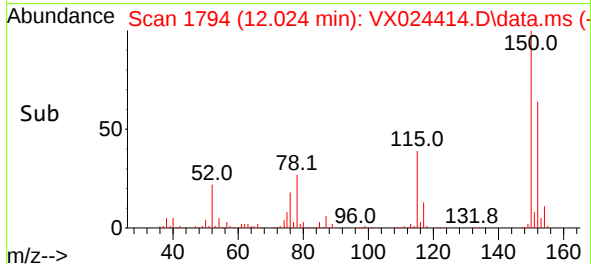
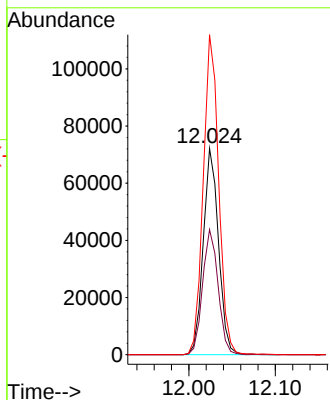
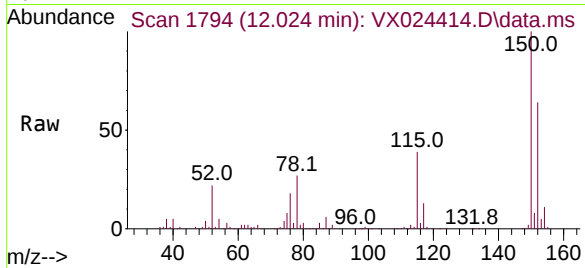




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX024414.D
 Acq: 22 Sep 2021 03:25

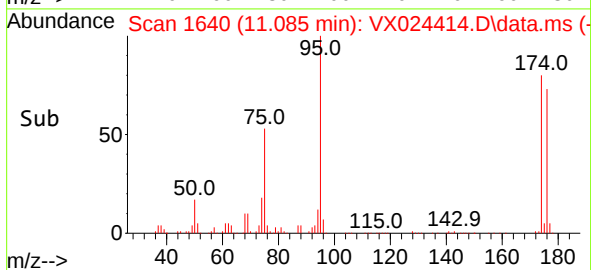
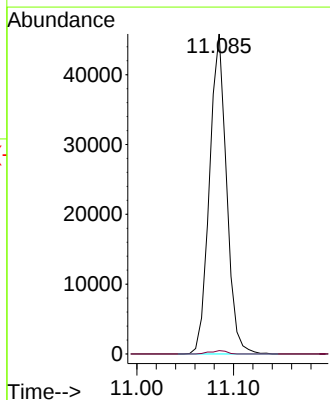
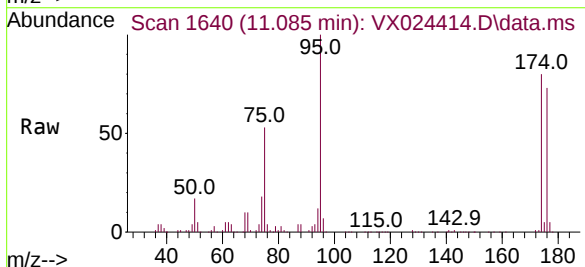
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20210920

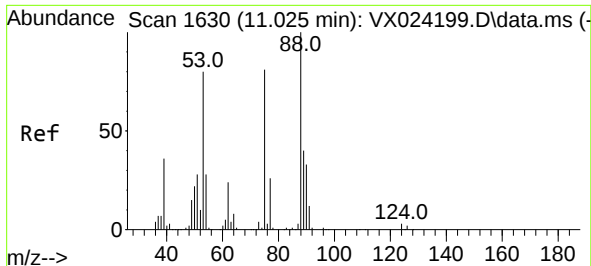
Tgt Ion:152 Resp: 88197
 Ion Ratio Lower Upper
 152 100
 115 61.7 41.1 123.3
 150 157.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.706 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024414.D
 Acq: 22 Sep 2021 03:25

Tgt Ion: 75 Resp: 56187
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

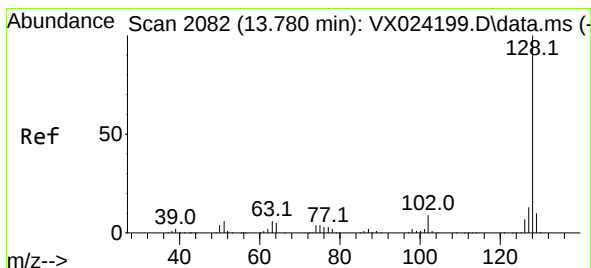
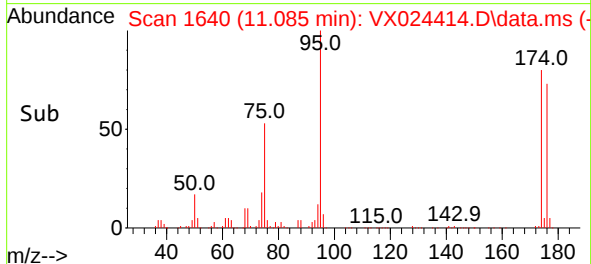
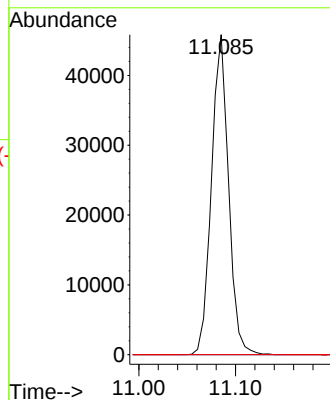
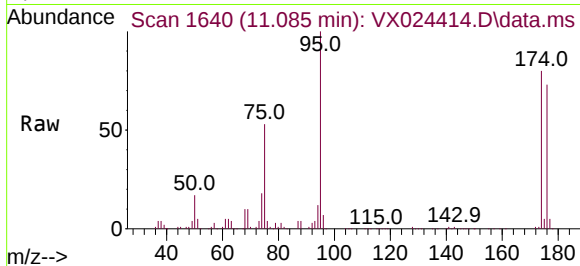




#81
trans-1,4-Dichloro-2-butene
Concen: 81.482 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20210920

Tgt Ion: 75 Resp: 56187
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.291 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024414.D
Acq: 22 Sep 2021 03:25

Tgt Ion: 128 Resp: 25
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

