

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024412.D
 Acq On : 22 Sep 2021 02:38
 Operator : JC/MD
 Sample : M3833-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 04:56:19 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)

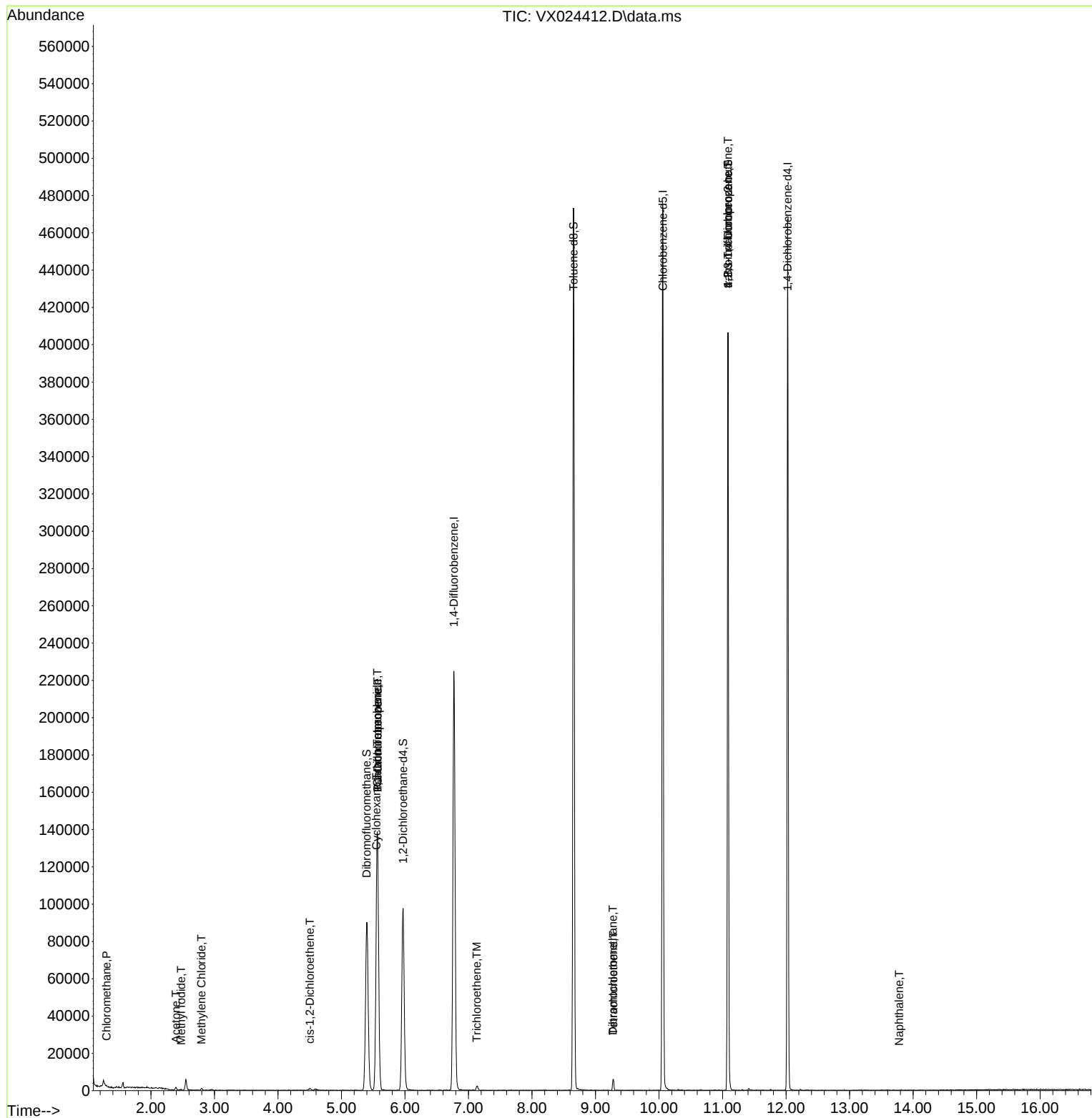
Internal Standards						
1) Pentafluorobenzene	5.568	168	129144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	216855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99896	54.246	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.500%	
35) Dibromofluoromethane	5.397	113	76261	50.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.900%	
50) Toluene-d8	8.652	98	275747	50.572	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	11.085	95	101537	47.850	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	374	0.288	ug/l #	42
10) Methyl Iodide	2.477	142	402	0.229	ug/l #	45
11) Tert butyl alcohol	2.958	59	316	Below Cal	#	73
16) Acetone	2.391	43	1550	1.974	ug/l	93
20) Methylene Chloride	2.794	84	430	0.285	ug/l #	88
27) cis-1,2-Dichloroethene	4.501	96	566	0.376	ug/l	93
31) Cyclohexane	5.549	56	2792	1.296	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	9934	4.841	ug/l #	41
38) Carbon Tetrachloride	5.562	117	13540	5.863	ug/l #	17
44) Trichloroethene	7.128	130	934	0.565	ug/l	69
60) Dibromochloromethane	9.274	129	1105	2.299	ug/l #	11
64) Tetrachloroethene	9.280	164	1134	0.675	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	55500	26.115	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55500	76.806	ug/l #	12
95) Naphthalene	13.780	128	72	1.298	ug/l #	69

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

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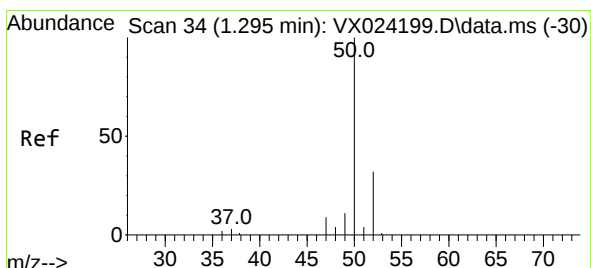
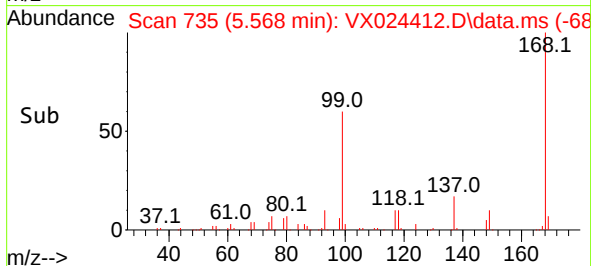
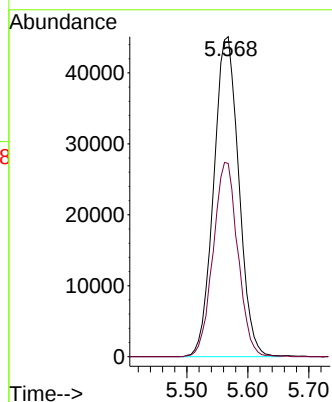
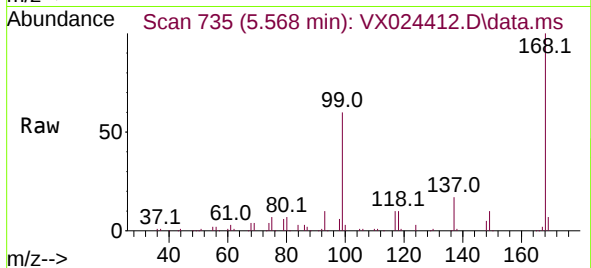




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

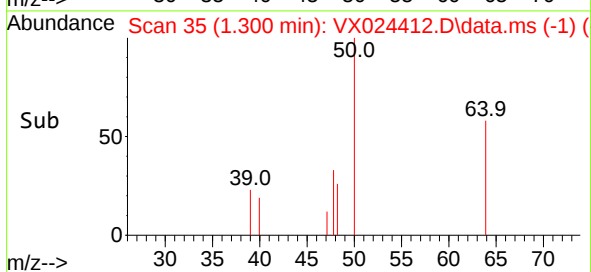
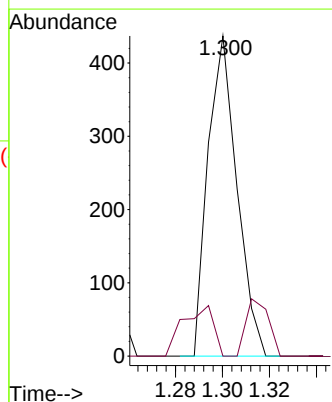
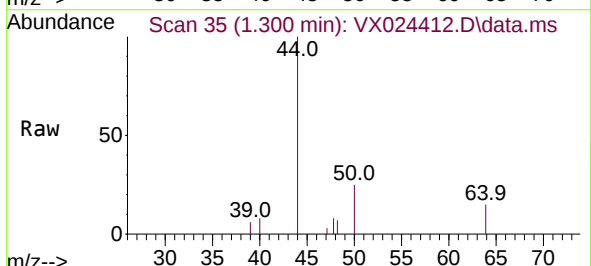
Instrument :
MSVOA_N
ClientSampled :

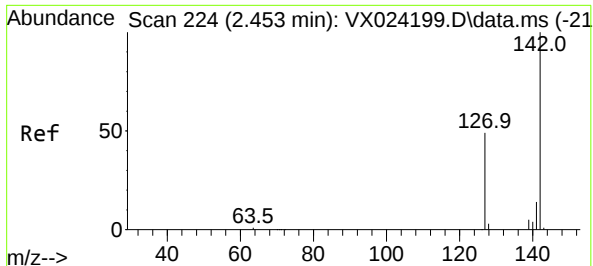
Tgt Ion:168 Resp: 129144
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#3
Chloromethane
Concen: 0.288 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

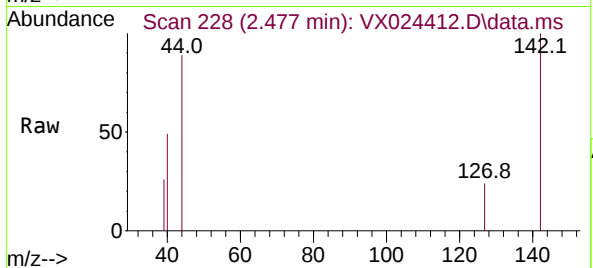
Tgt Ion: 50 Resp: 374
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



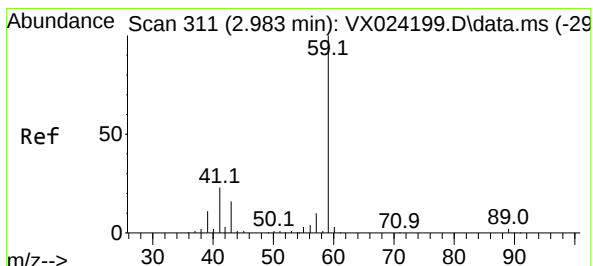
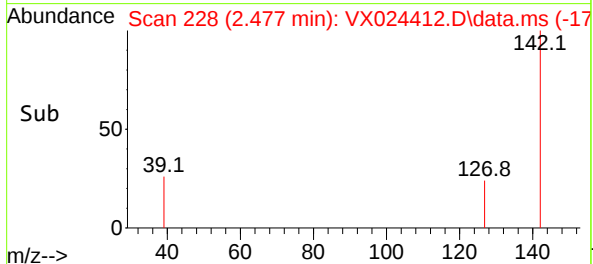
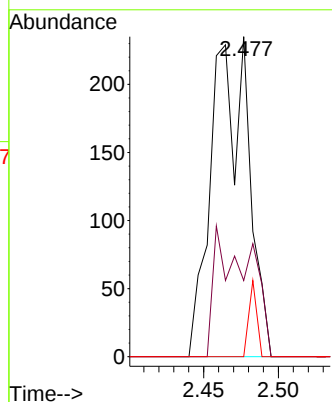


#10
Methyl Iodide
Concen: 0.229 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

Instrument :
MSVOA_N
ClientSampleId :

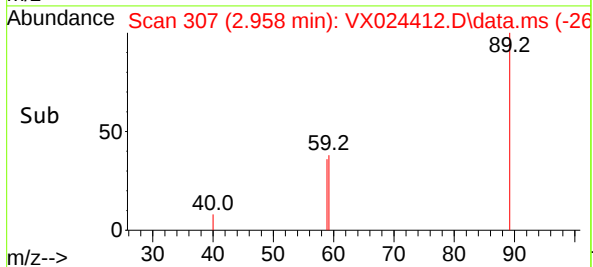
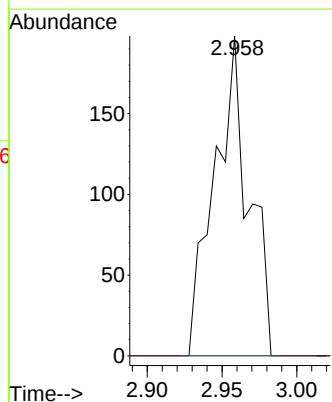
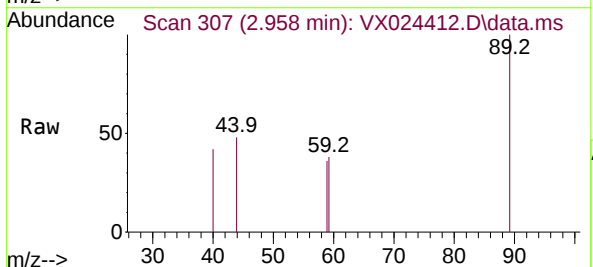


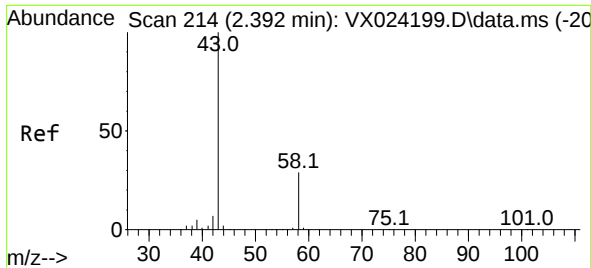
Tgt Ion:142 Resp: 402
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 5.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

Tgt Ion: 59 Resp: 316
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

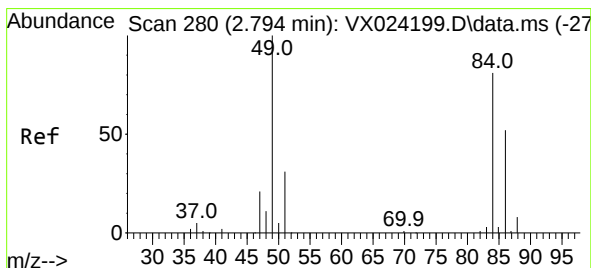
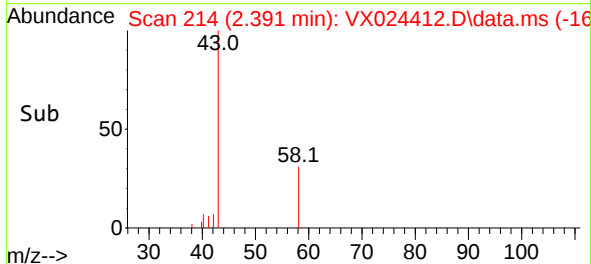
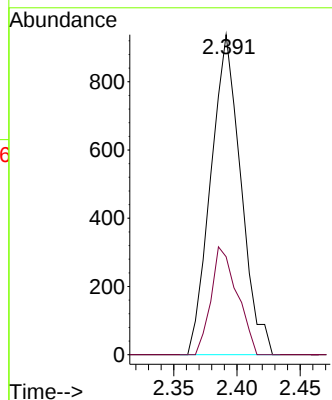
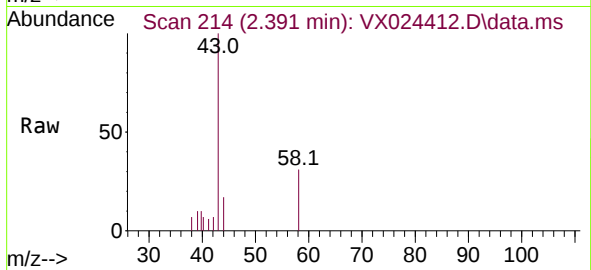




#16
Acetone
Concen: 1.974 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

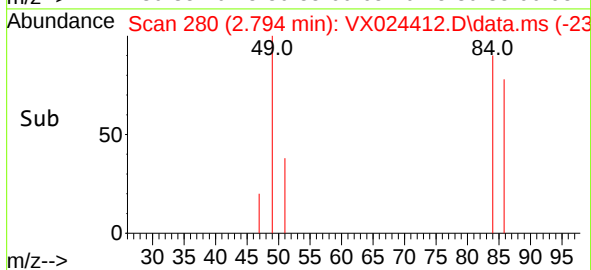
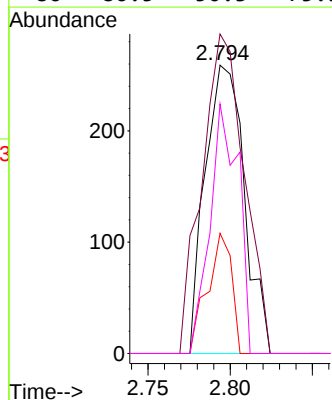
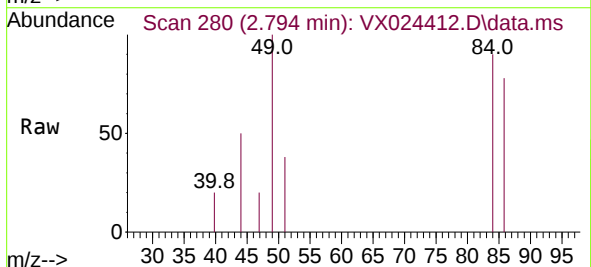
Instrument :
MSVOA_N
ClientSampleId :

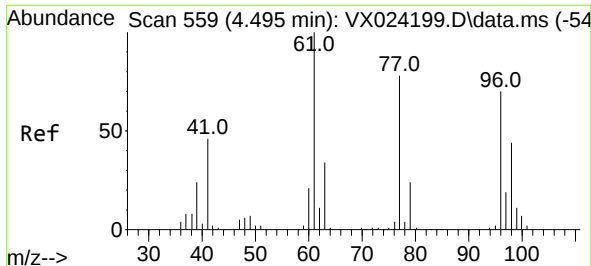
Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.285 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

Tgt Ion: 84 Resp: 430
Ion Ratio Lower Upper
84 100
49 110.8 88.6 132.8
51 41.7 27.0 40.6#
86 86.5 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 0.376 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

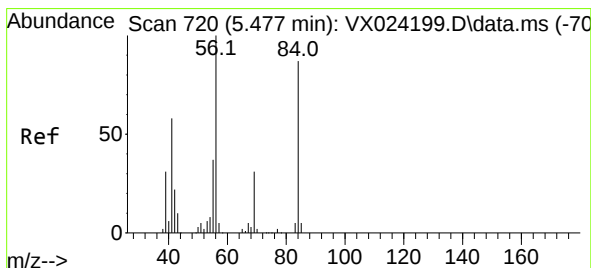
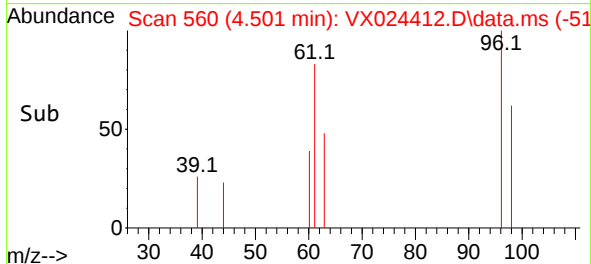
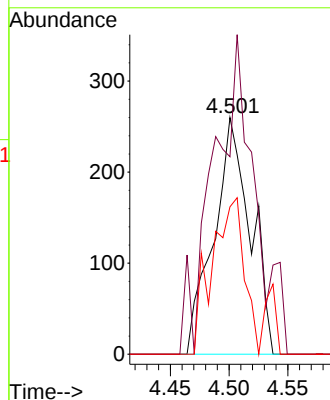
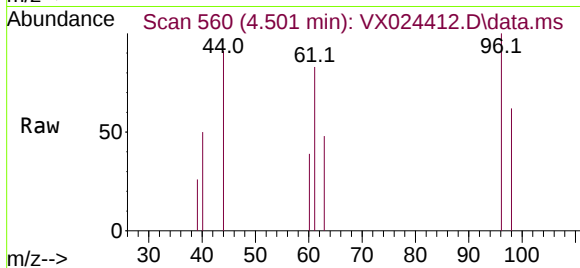
Lab File: VX024412.D

Acq: 22 Sep 2021 02:38

Tgt Ion: 96 Resp: 566

Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	285.6
98	58.3	0.0	129.6

Instrument :
MSVOA_N
ClientSampled :



#31

Cyclohexane

Concen: 1.296 ug/l

RT: 5.549 min Scan# 732

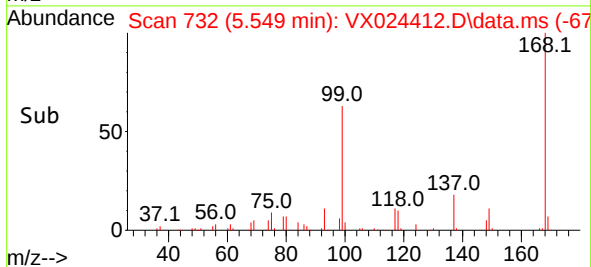
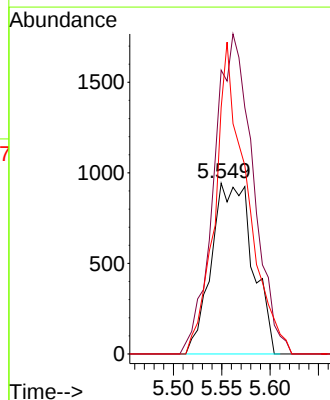
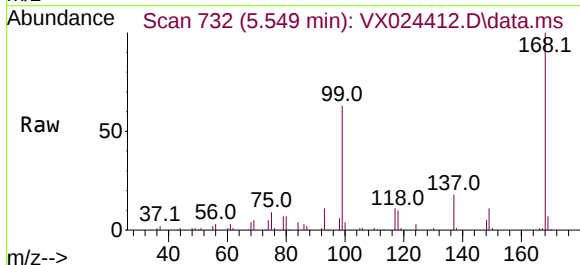
Delta R.T. 0.072 min

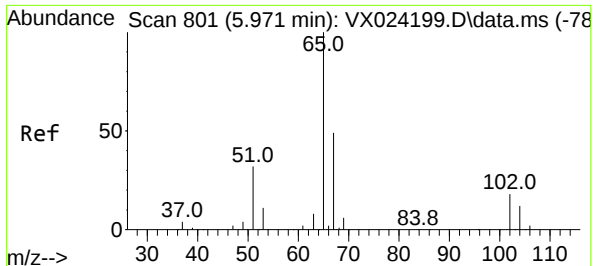
Lab File: VX024412.D

Acq: 22 Sep 2021 02:38

Tgt Ion: 56 Resp: 2792

Ion	Ratio	Lower	Upper
56	100		
69	166.2	25.3	37.9#
84	144.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.246 ug/l

RT: 5.970 min Scan# 801

Delta R.T. -0.001 min

Lab File: VX024412.D

Acq: 22 Sep 2021 02:38

Tgt Ion: 65 Resp: 99896

Ion Ratio Lower Upper

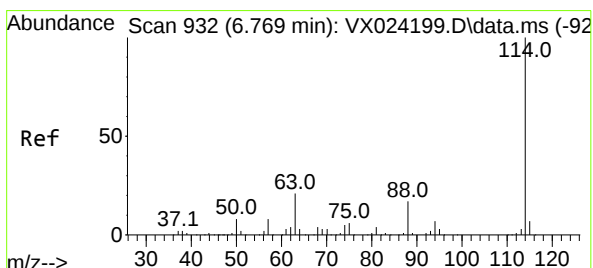
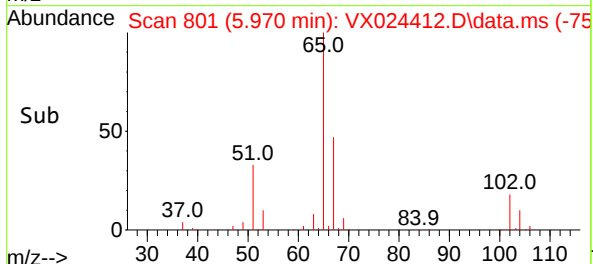
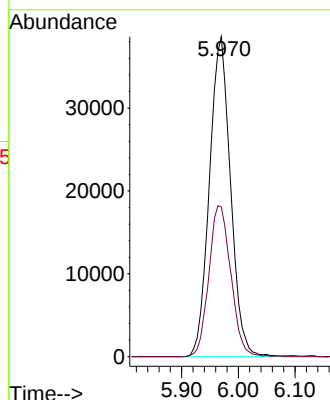
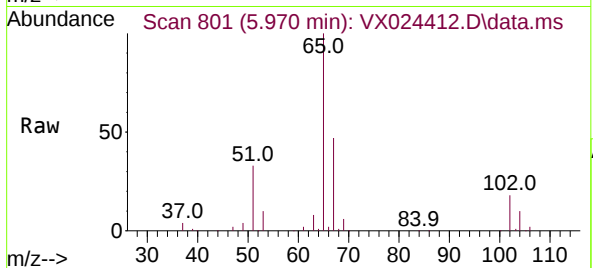
65 100

67 49.1 0.0 105.4

Instrument :

MSVOA_N

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX024412.D

Acq: 22 Sep 2021 02:38

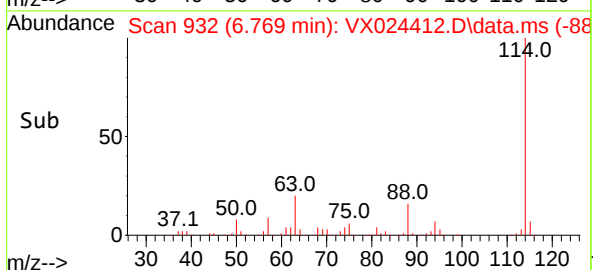
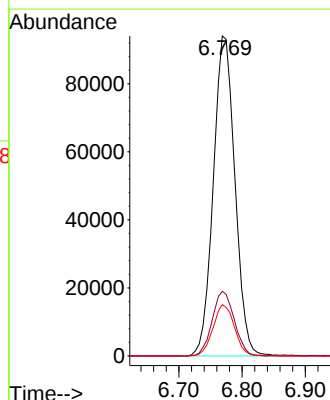
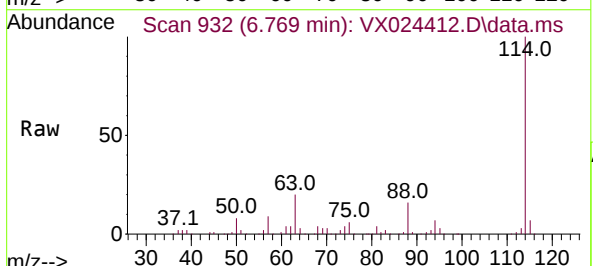
Tgt Ion: 114 Resp: 223182

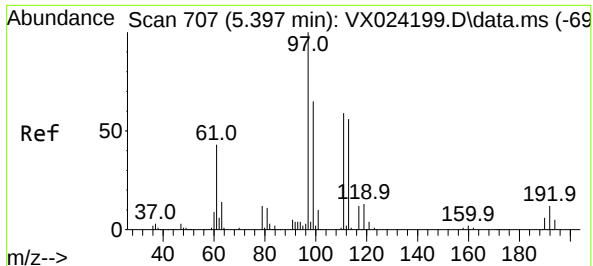
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.951 ug/l

RT: 5.397 min Scan# 707

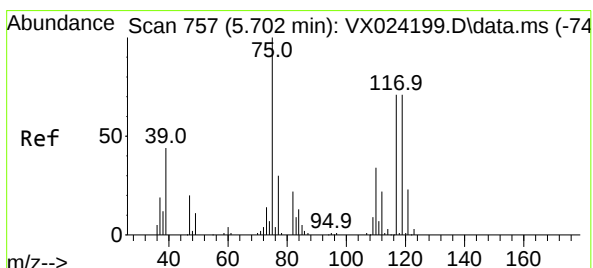
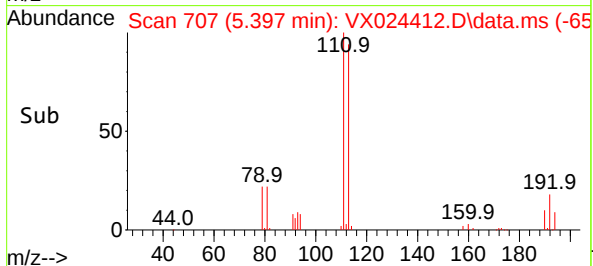
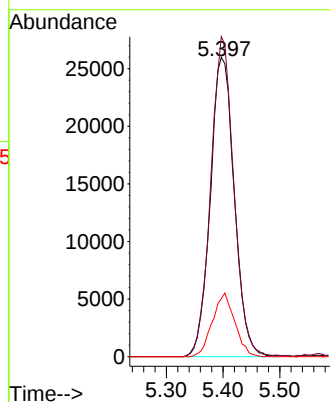
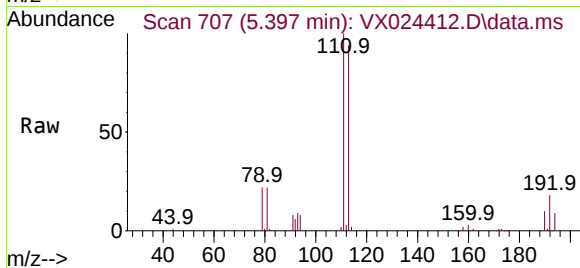
Delta R.T. -0.000 min

Lab File: VX024412.D

Acq: 22 Sep 2021 02:38

Tgt Ion:	113	Resp:	76261
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	19.8	16.7	25.1

Instrument :
MSVOA_N
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.841 ug/l

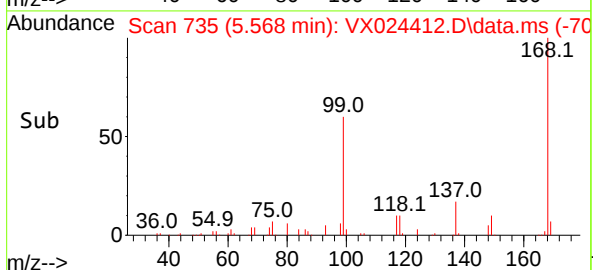
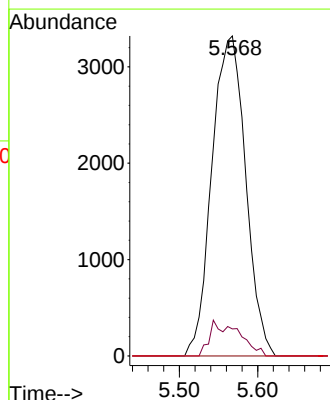
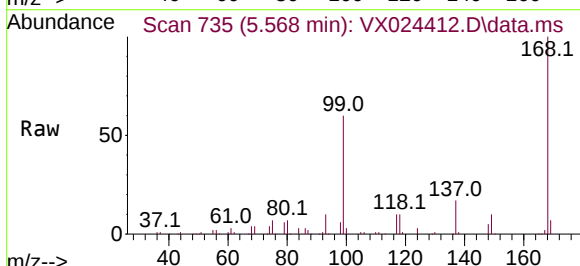
RT: 5.568 min Scan# 735

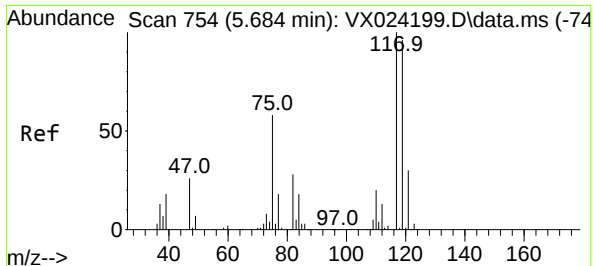
Delta R.T. -0.134 min

Lab File: VX024412.D

Acq: 22 Sep 2021 02:38

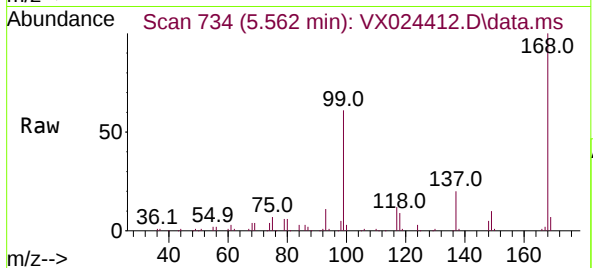
Tgt Ion:	75	Resp:	9934
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.4#
77	0.0	25.3	37.9#



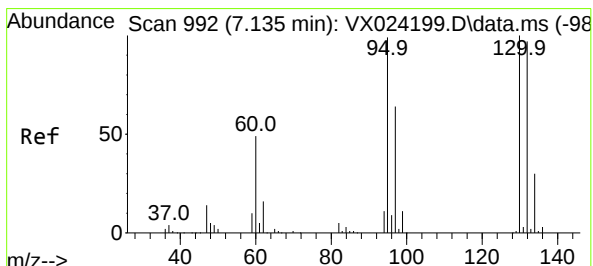
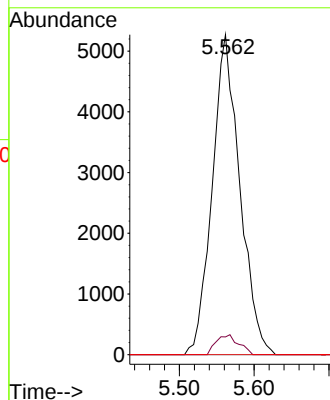
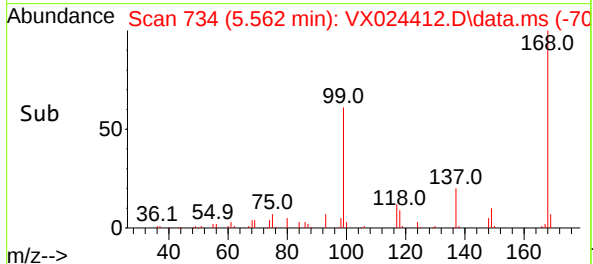


#38
Carbon Tetrachloride
Concen: 5.863 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

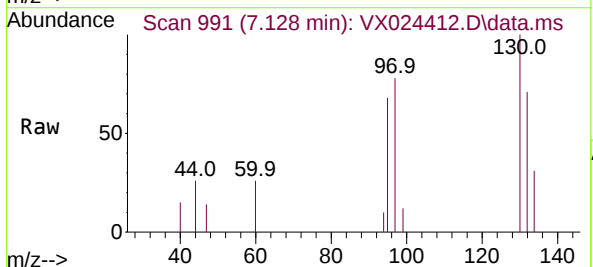
Instrument :
MSVOA_N
ClientSampled :



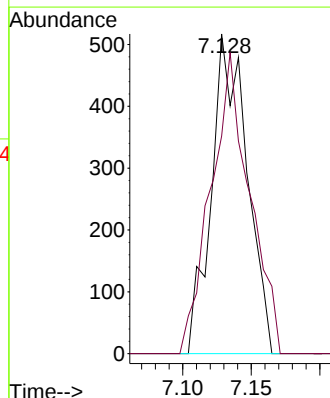
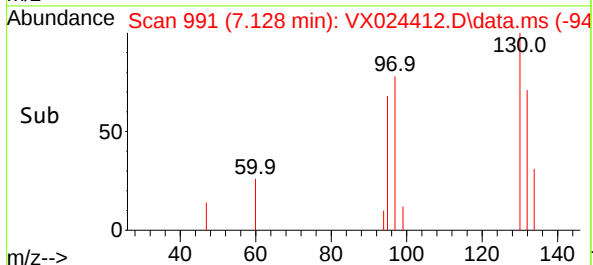
Tgt Ion:117 Resp: 13540
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

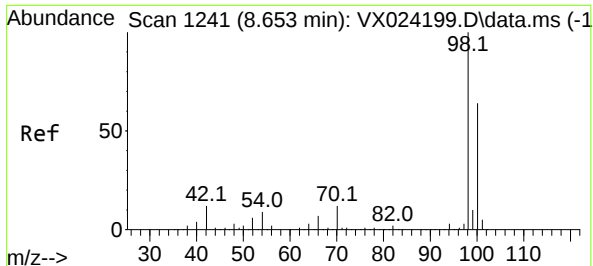


#44
Trichloroethene
Concen: 0.565 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38



Tgt Ion:130 Resp: 934
Ion Ratio Lower Upper
130 100
95 68.1 0.0 198.0





#50

Toluene-d8

Concen: 50.572 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX024412.D

Acq: 22 Sep 2021 02:38

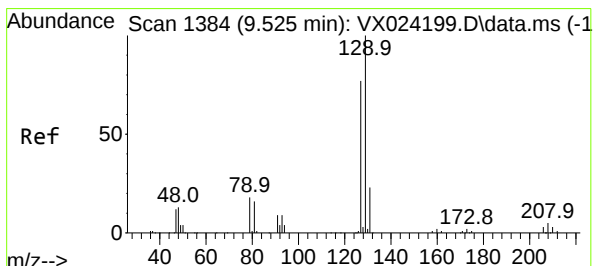
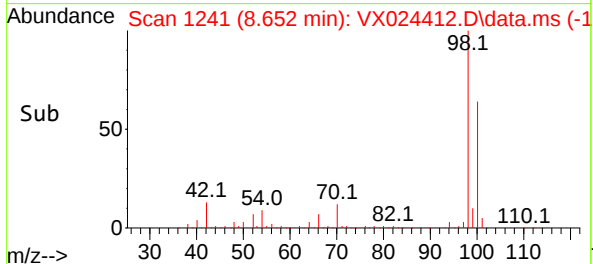
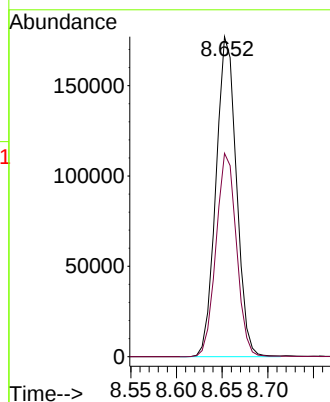
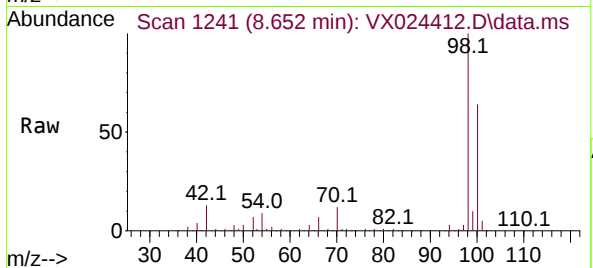
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 98 Resp: 275747

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#60

Dibromochloromethane

Concen: 2.299 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.251 min

Lab File: VX024412.D

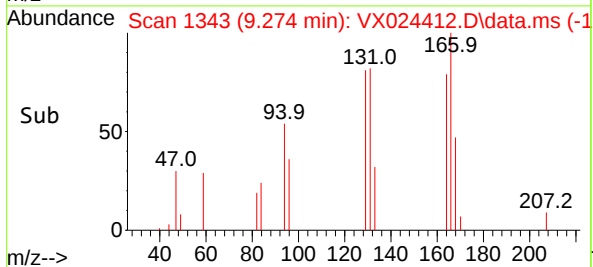
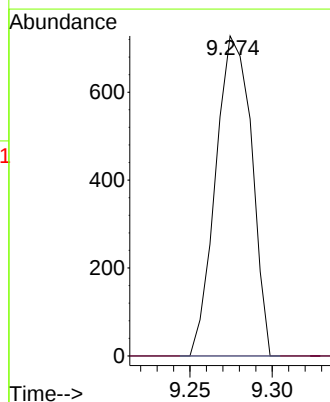
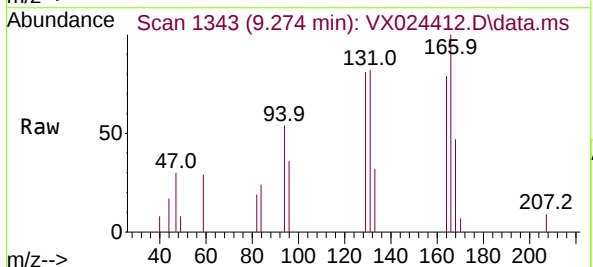
Acq: 22 Sep 2021 02:38

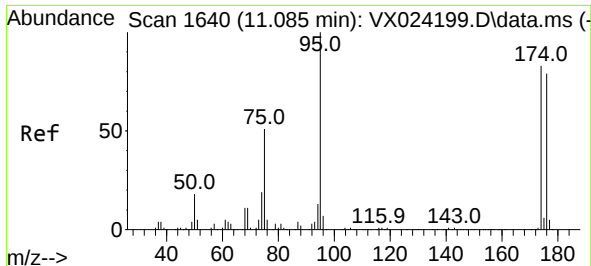
Tgt Ion:129 Resp: 1105

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

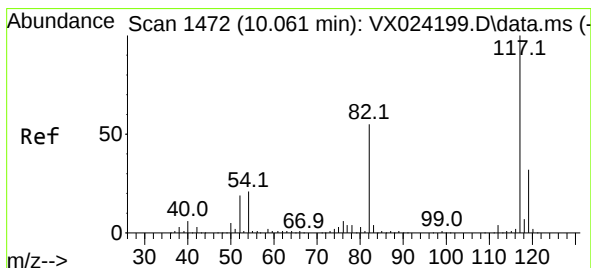
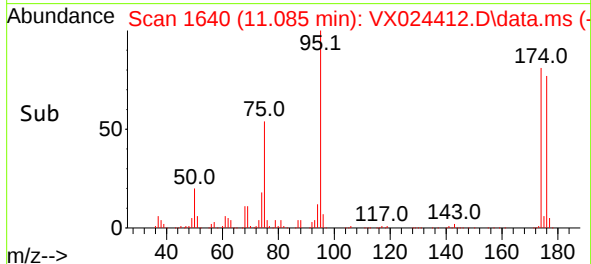
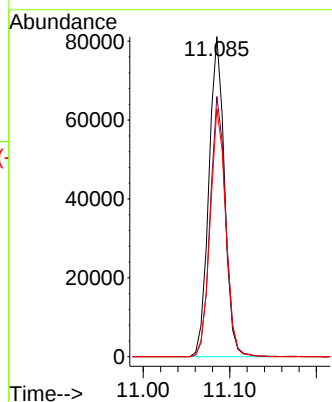
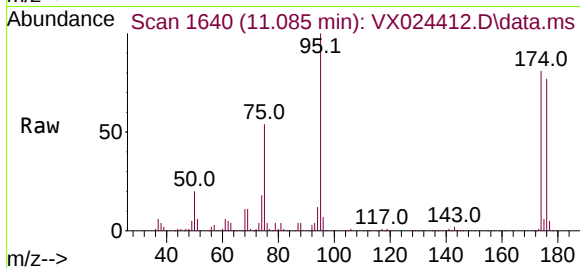




#62
4-Bromofluorobenzene
Concen: 47.850 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

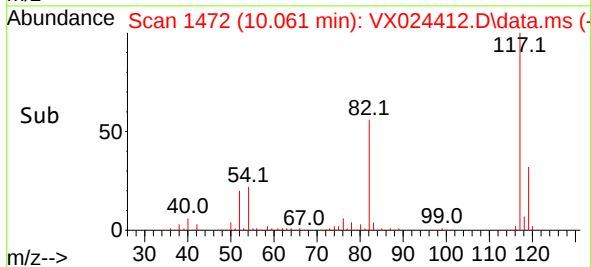
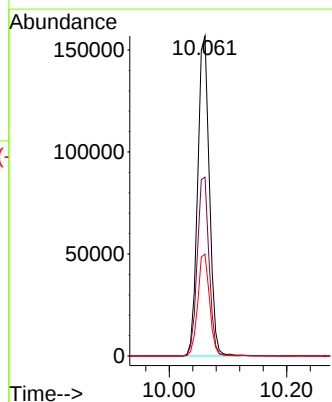
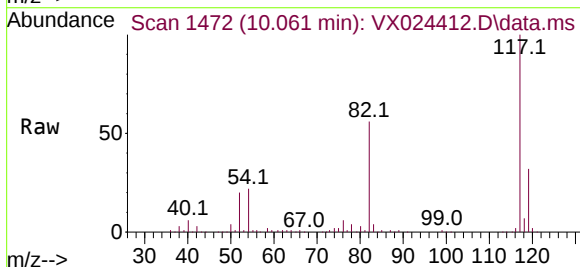
Instrument :
MSVOA_N
ClientSampleId :

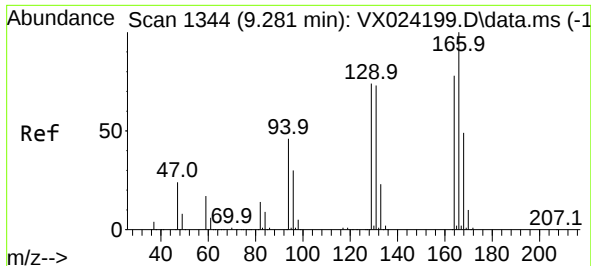
Tgt Ion: 95 Resp: 101537
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

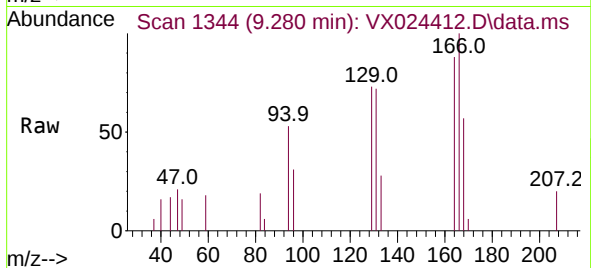
Tgt Ion: 117 Resp: 216855
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.8 26.6 39.8





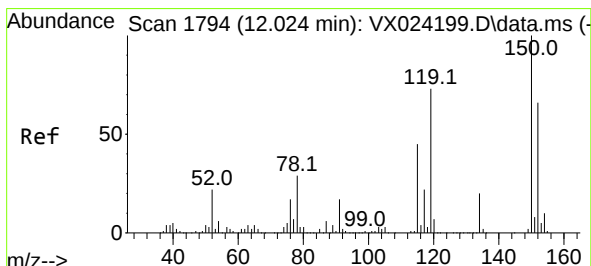
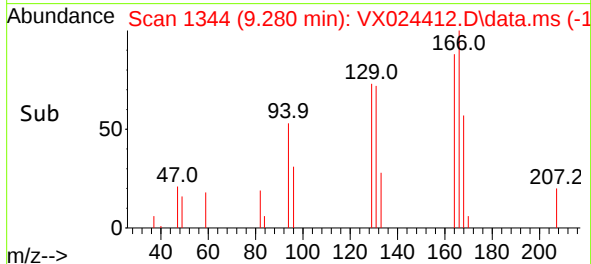
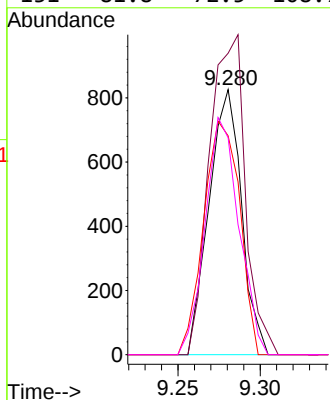
#64
Tetrachloroethene
Concen: 0.675 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. -0.001 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:164 Resp: 1134

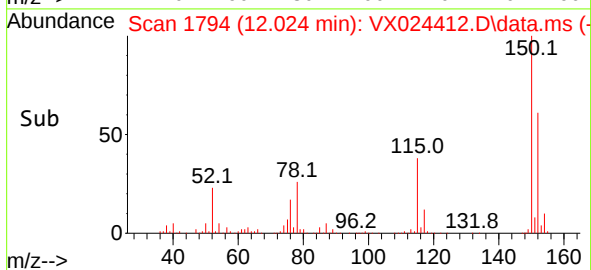
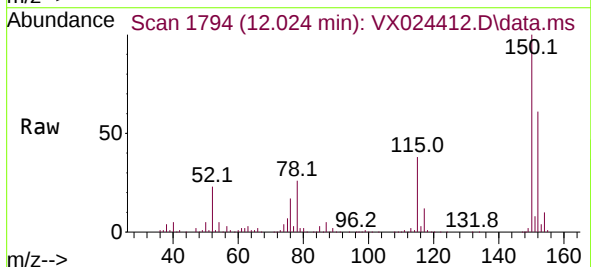
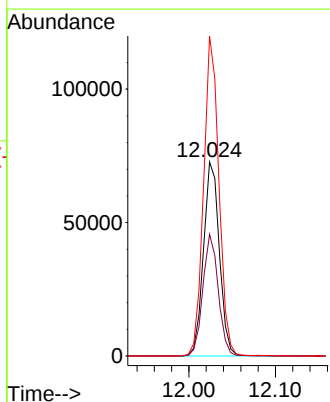
Ion	Ratio	Lower	Upper
164	100		
166	113.7	103.4	155.2
129	82.6	70.8	106.2
131	81.8	72.5	108.7

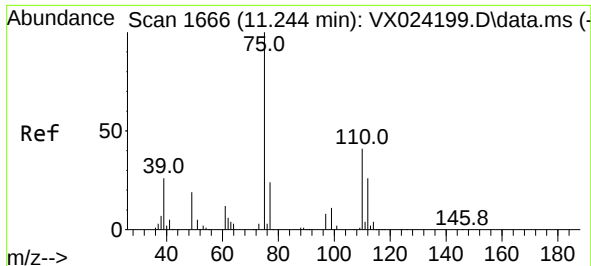


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

Tgt Ion:152 Resp: 92423

Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.1	123.3
150	158.7	0.0	349.0

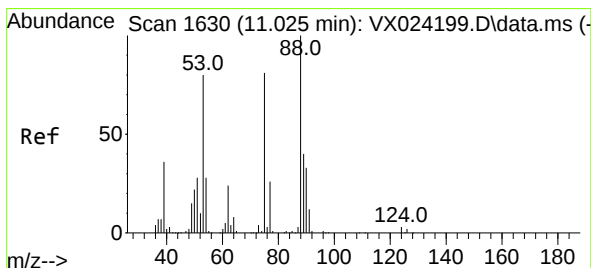
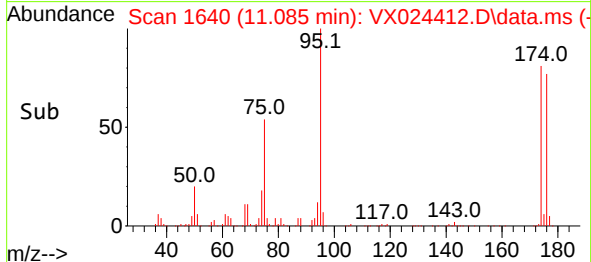
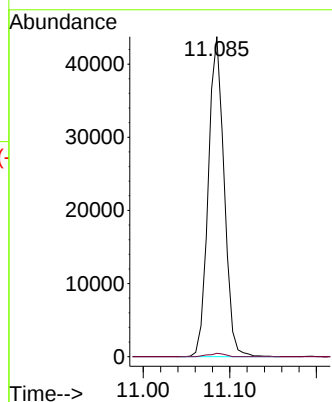
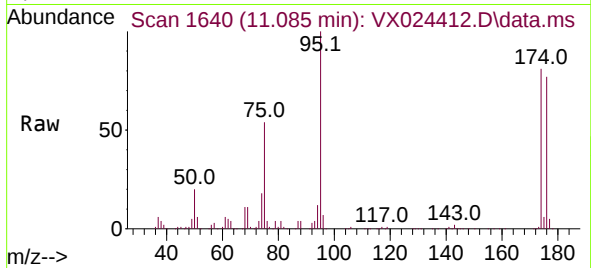




#76
1,2,3-Trichloropropane
Concen: 26.115 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

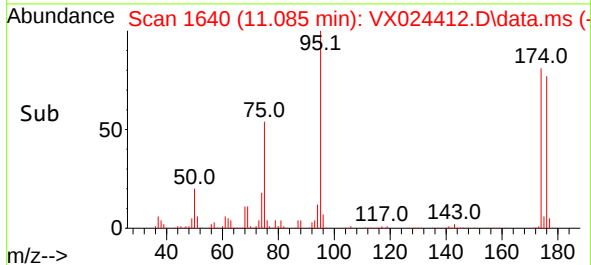
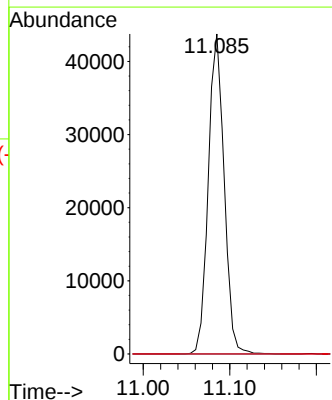
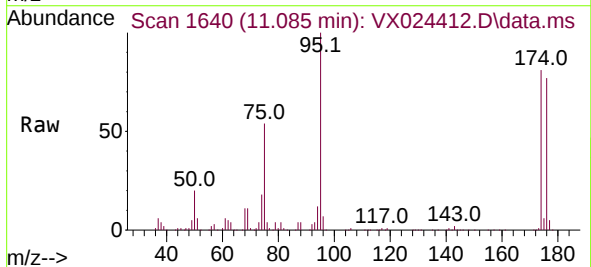
Instrument :
MSVOA_N
ClientSampled :

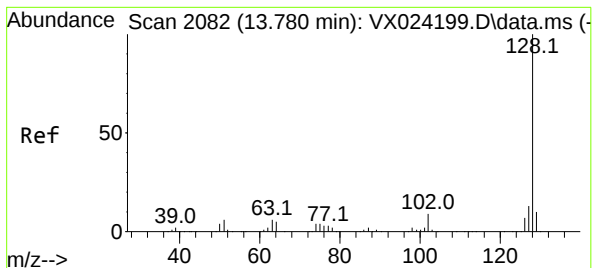
Tgt Ion: 75 Resp: 55500
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

Tgt Ion: 75 Resp: 55500
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.298 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024412.D
Acq: 22 Sep 2021 02:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 72
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

