

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024407.D
 Acq On : 22 Sep 2021 00:40
 Operator : JC/MD
 Sample : M3833-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 22 04:55:21 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)

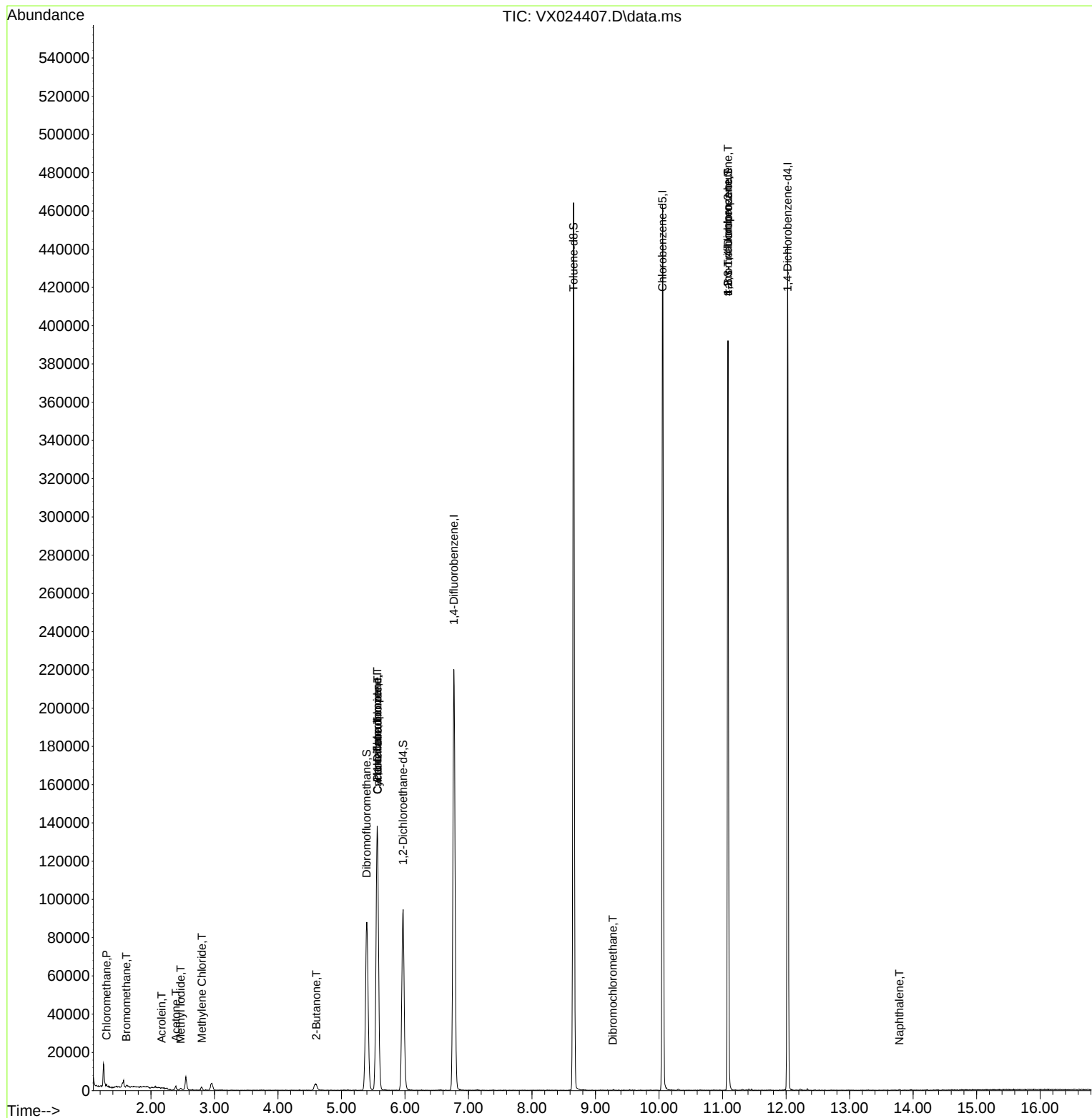
Internal Standards						
1) Pentafluorobenzene	5.562	168	127613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	94696	52.039	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.080%			
35) Dibromofluoromethane	5.397	113	74902	51.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	8.653	98	266347	50.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.085	95	95545	46.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.660%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	489	0.382	ug/l	91
5) Bromomethane	1.611	94	563	0.742	ug/l #	49
10) Methyl Iodide	2.465	142	1051	0.605	ug/l #	82
11) Tert butyl alcohol	2.959	59	2690	Below Cal	#	73
13) Acrolein	2.166	56	28	0.233	ug/l #	14
16) Acetone	2.392	43	1956	2.521	ug/l	98
20) Methylene Chloride	2.800	84	764	0.513	ug/l #	90
25) 2-Butanone	4.605	43	306	0.268	ug/l #	45
31) Cyclohexane	5.568	56	3003	1.411	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	9882	4.955	ug/l #	50
38) Carbon Tetrachloride	5.568	117	13070	5.823	ug/l #	17
60) Dibromochloromethane	9.275	129	75	1.766	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	51601	26.071	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51601	76.676	ug/l #	12
95) Naphthalene	13.786	128	293	1.333	ug/l #	69

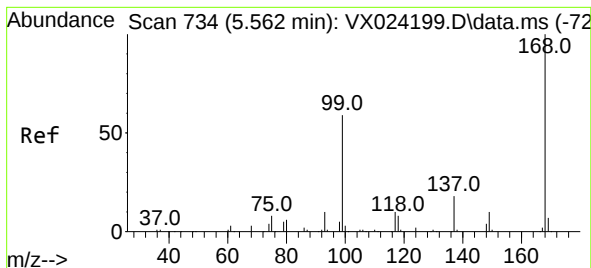
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX024407.D

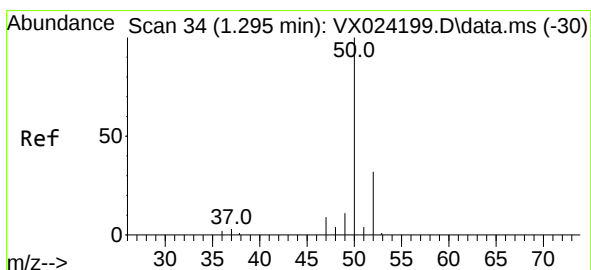
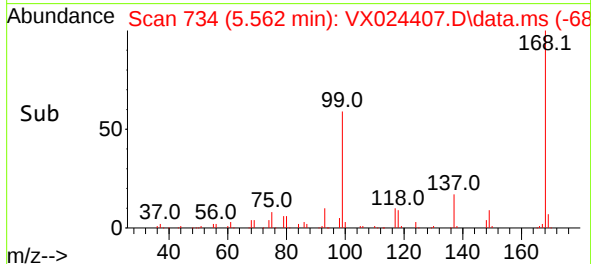
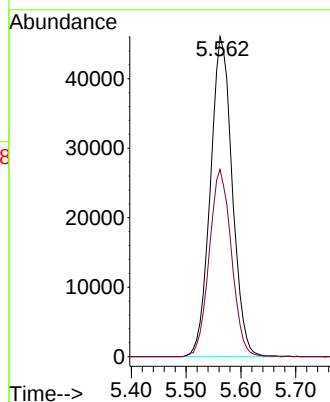
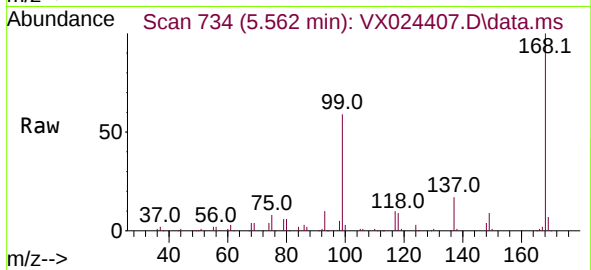
Acq: 22 Sep 2021 00:40

Tgt Ion:168 Resp: 127613

Ion Ratio Lower Upper

168 100

99 58.5 45.8 68.6



#3

Chloromethane

Concen: 0.382 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.005 min

Lab File: VX024407.D

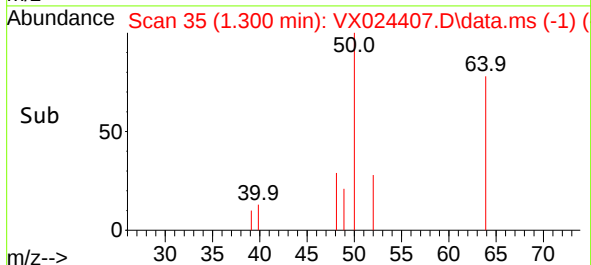
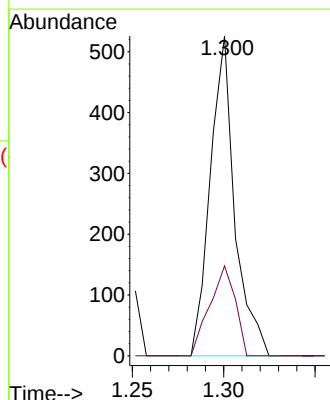
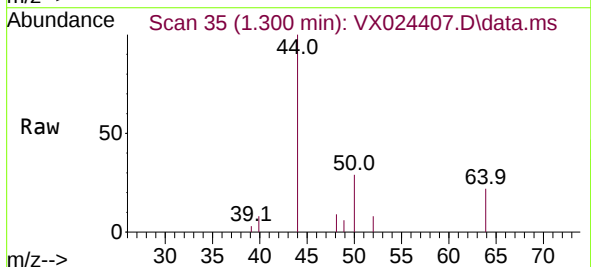
Acq: 22 Sep 2021 00:40

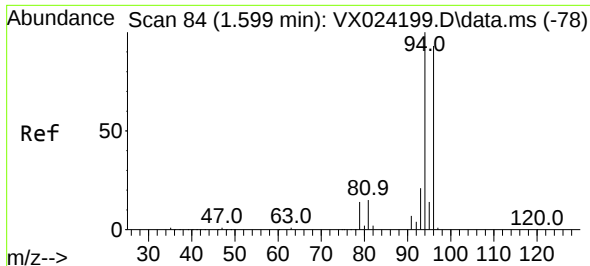
Tgt Ion: 50 Resp: 489

Ion Ratio Lower Upper

50 100

52 28.1 26.4 39.6

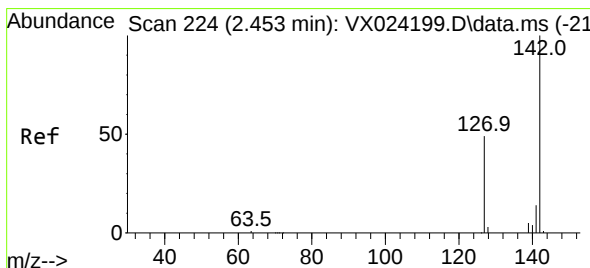
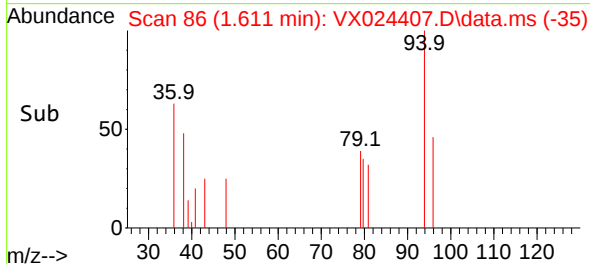
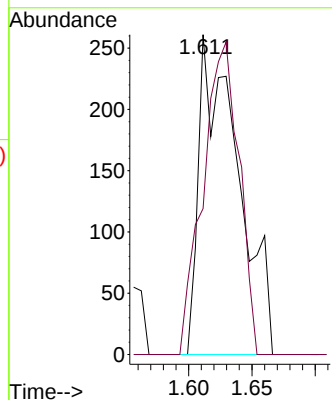
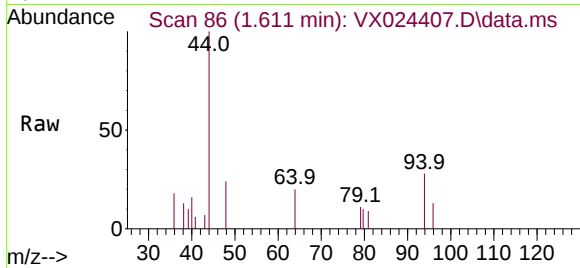




#5
Bromomethane
Concen: 0.742 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

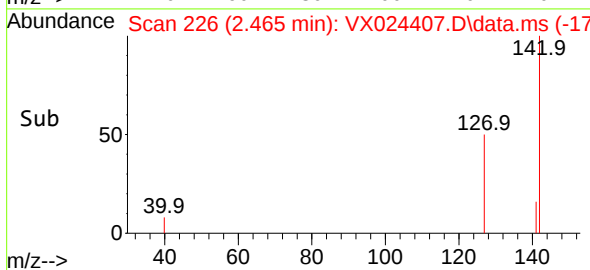
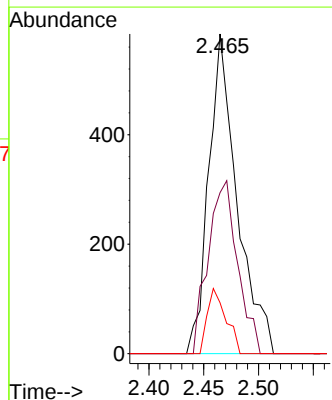
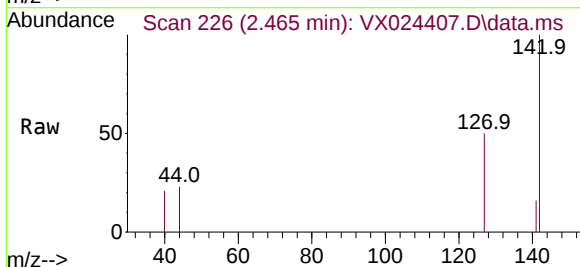
Instrument :
MSVOA_N
ClientSampled :

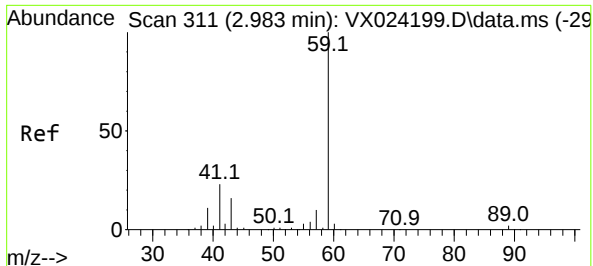
Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 45.6 76.4 114.6#



#10
Methyl Iodide
Concen: 0.605 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

Tgt Ion: 142 Resp: 1051
Ion Ratio Lower Upper
142 100
127 56.0 33.3 49.9#
141 13.4 11.4 17.0



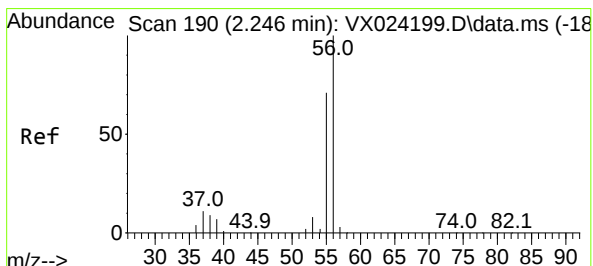
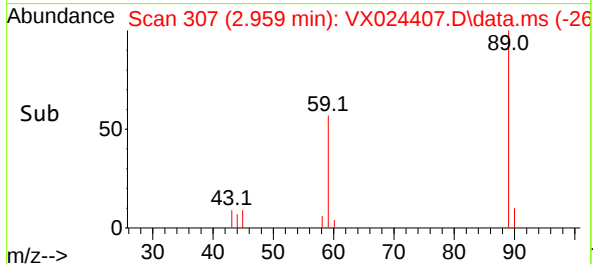
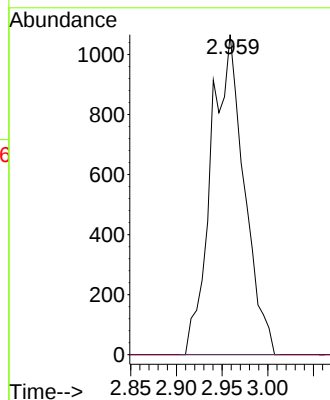
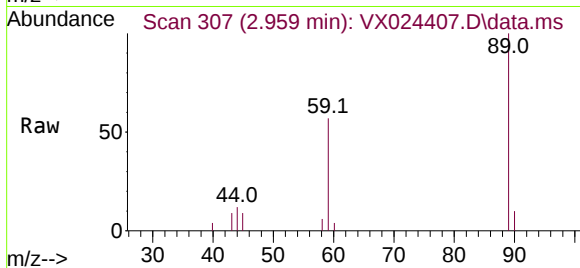


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

Instrument :
MSVOA_N
ClientSampled :

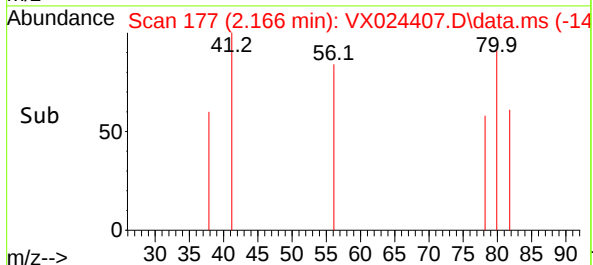
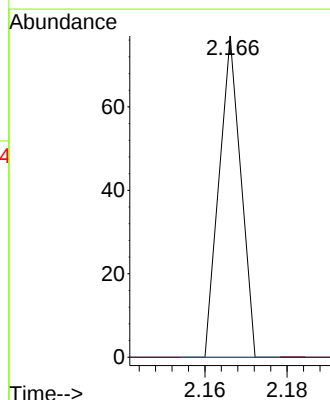
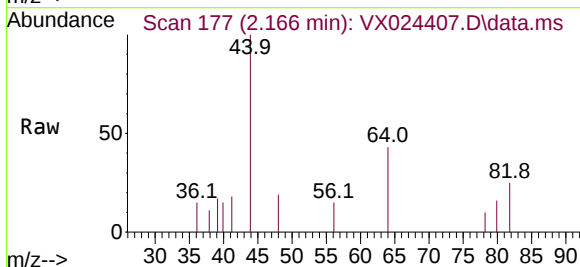
Tgt Ion: 59 Resp: 2690
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

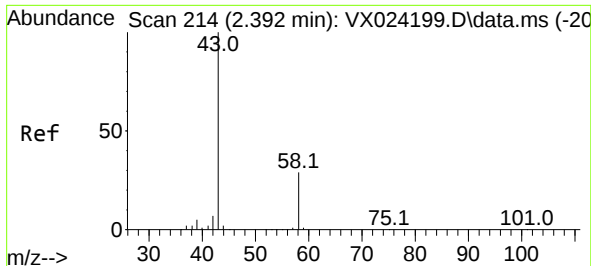


#13

Acrolein
Concen: 0.233 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.080 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

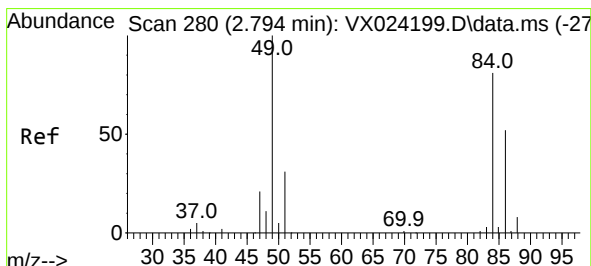
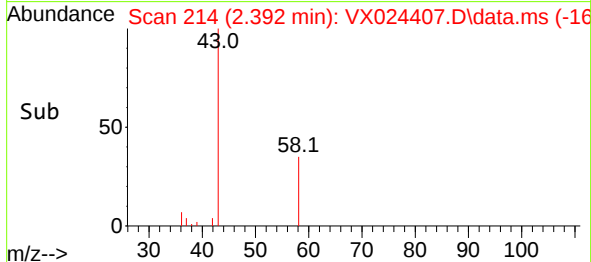
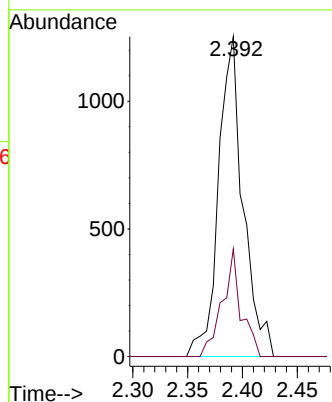
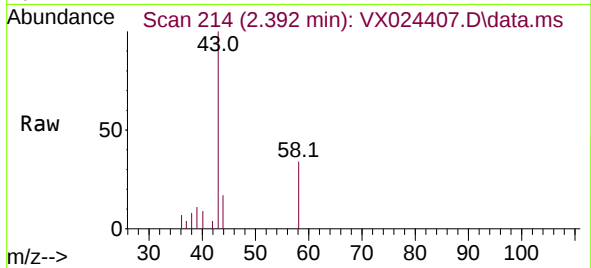




#16
Acetone
Concen: 2.521 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

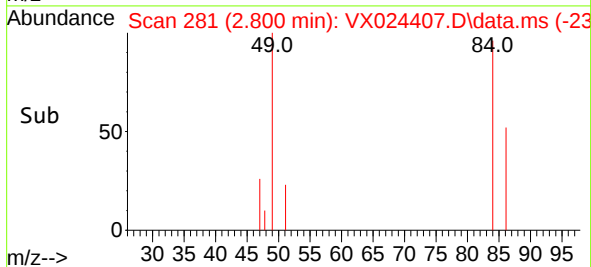
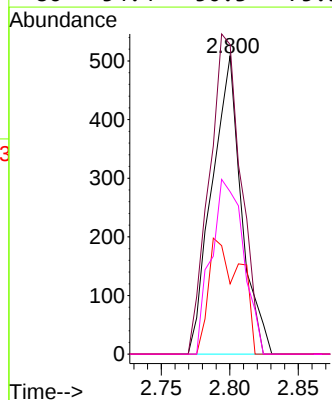
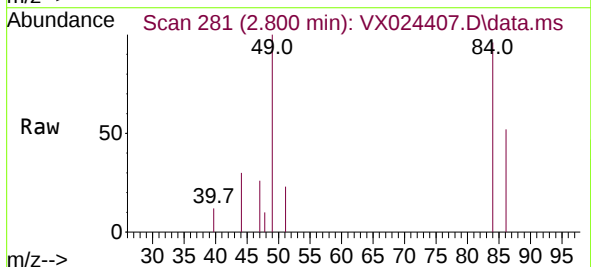
Instrument :
MSVOA_N
ClientSampled :

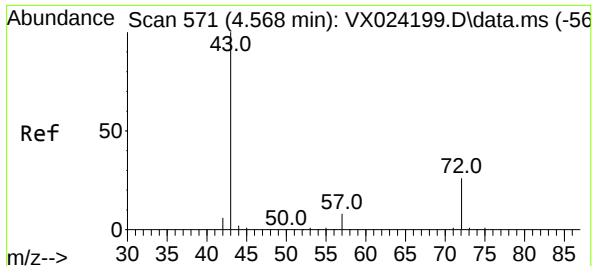
Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



#20
Methylene Chloride
Concen: 0.513 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

Tgt Ion: 84 Resp: 764
Ion Ratio Lower Upper
84 100
49 103.7 88.6 132.8
51 23.6 27.0 40.6#
86 54.4 50.3 75.5





#25

2-Butanone

Concen: 0.268 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.037 min

Lab File: VX024407.D

Acq: 22 Sep 2021 00:40

Tgt Ion: 43 Resp: 306

Ion Ratio Lower Upper

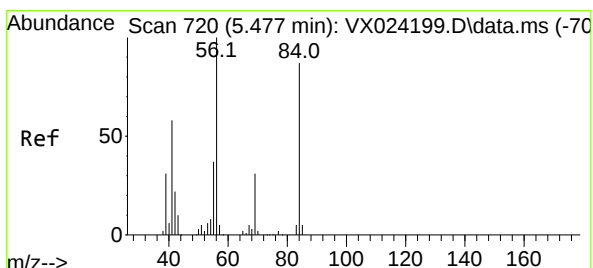
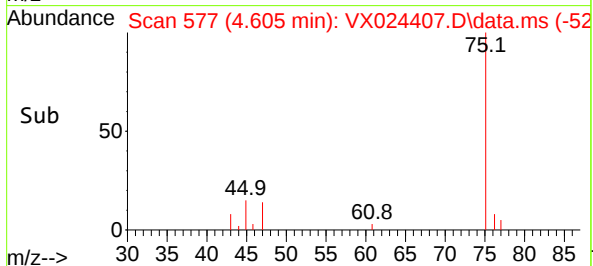
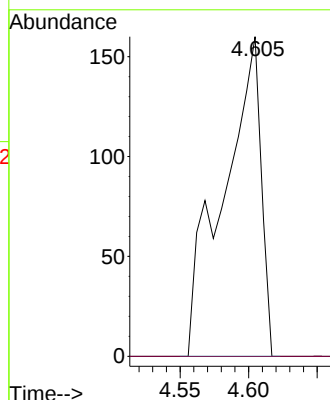
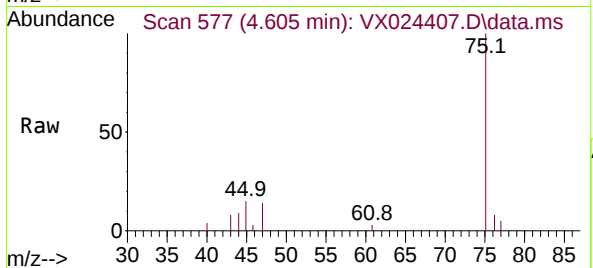
43 100

72 0.0 23.7 35.5#

Instrument :

MSVOA_N

ClientSampled :



#31

Cyclohexane

Concen: 1.411 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024407.D

Acq: 22 Sep 2021 00:40

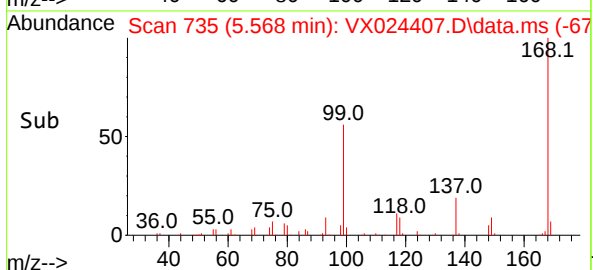
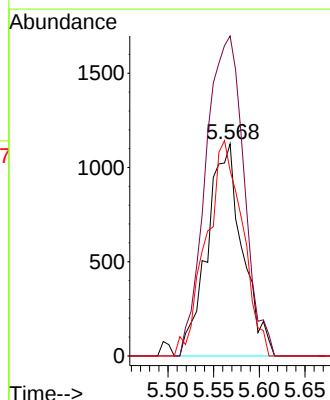
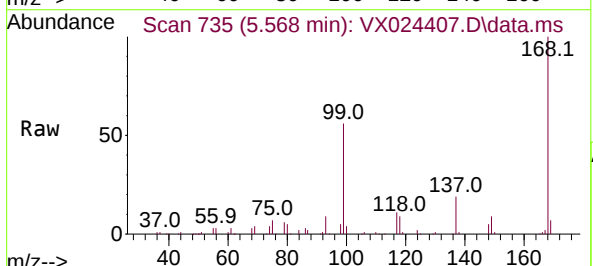
Tgt Ion: 56 Resp: 3003

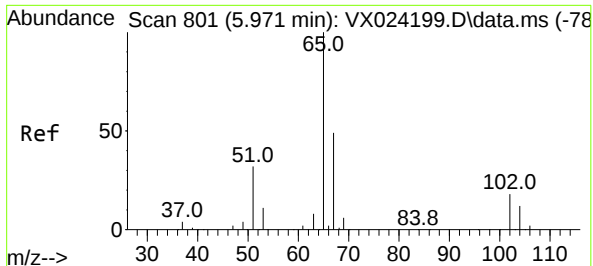
Ion Ratio Lower Upper

56 100

69 150.8 25.3 37.9#

84 87.4 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 52.039 ug/l

RT: 5.970 min Scan# 801

Delta R.T. -0.001 min

Lab File: VX024407.D

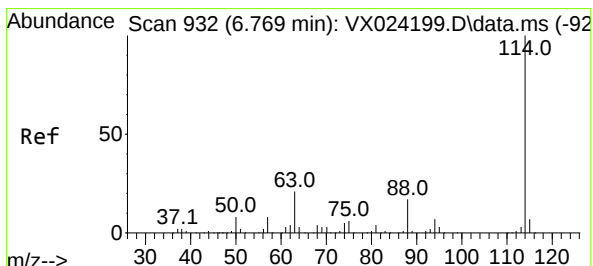
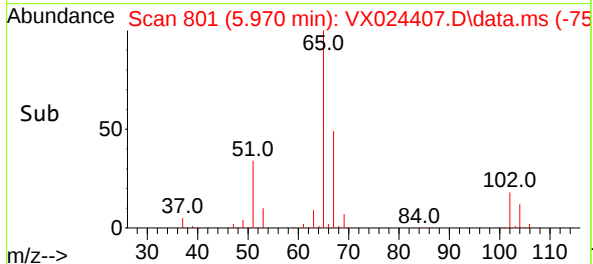
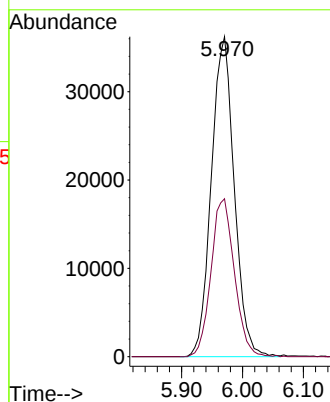
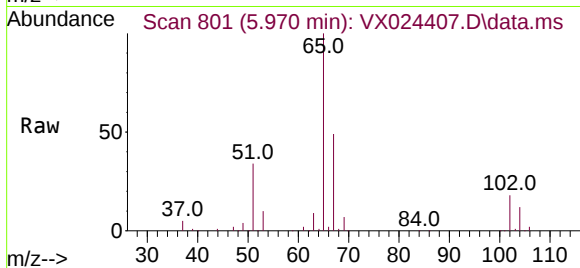
Acq: 22 Sep 2021 00:40

Tgt Ion: 65 Resp: 94696

Ion Ratio Lower Upper

65 100

67 50.4 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: VX024407.D

Acq: 22 Sep 2021 00:40

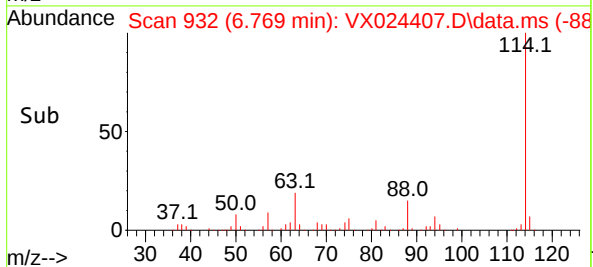
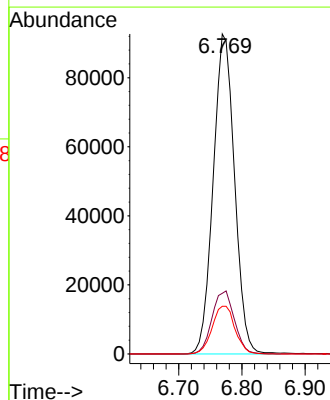
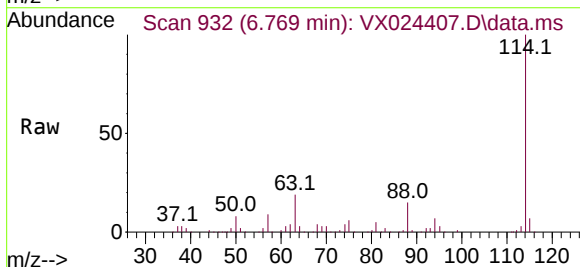
Tgt Ion: 114 Resp: 216922

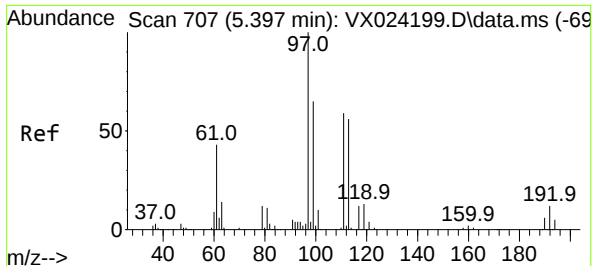
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.8

88 14.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.487 ug/l

RT: 5.397 min Scan# 707

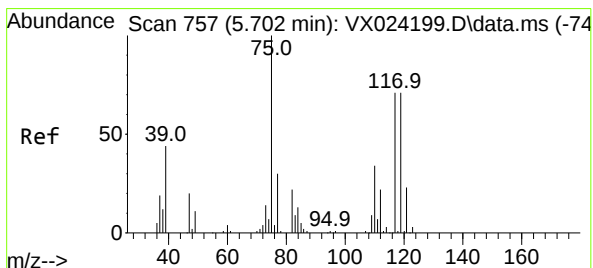
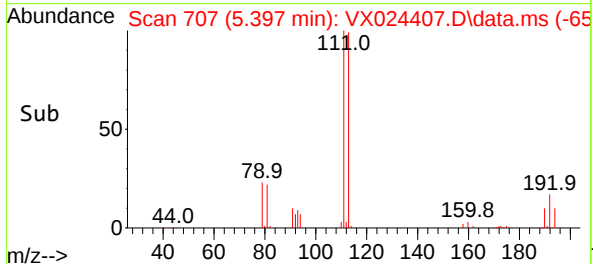
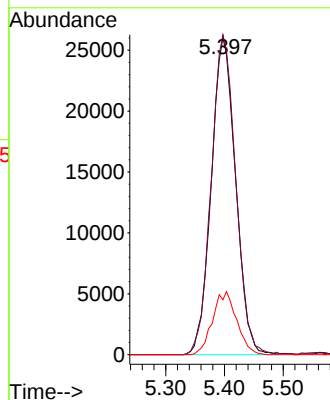
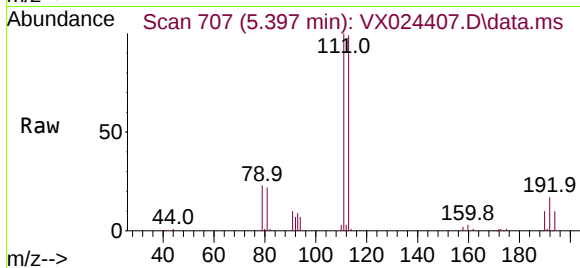
Delta R.T. 0.000 min

Lab File: VX024407.D

Acq: 22 Sep 2021 00:40

Tgt Ion:	113	Resp:	74902
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.9	122.9
192	19.7	16.7	25.1

Instrument :
MSVOA_N
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.955 ug/l

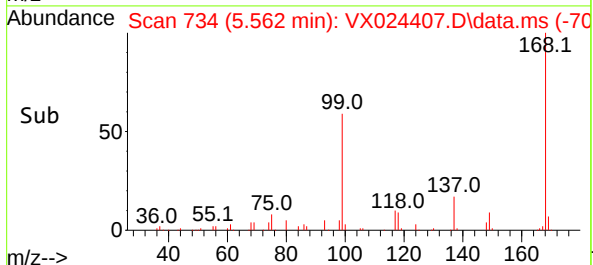
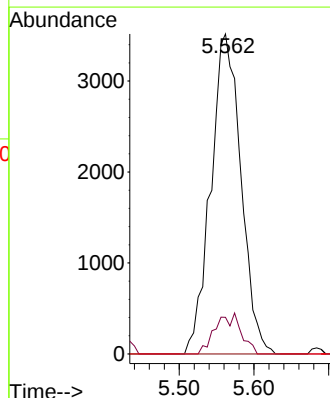
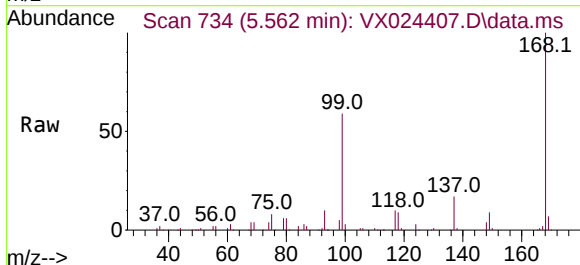
RT: 5.562 min Scan# 734

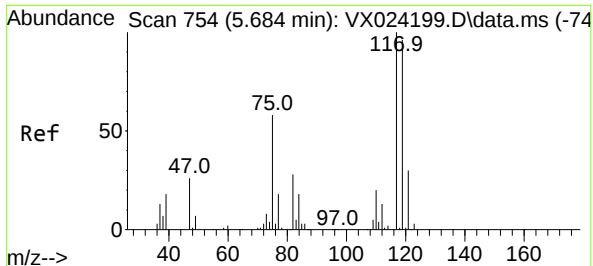
Delta R.T. -0.140 min

Lab File: VX024407.D

Acq: 22 Sep 2021 00:40

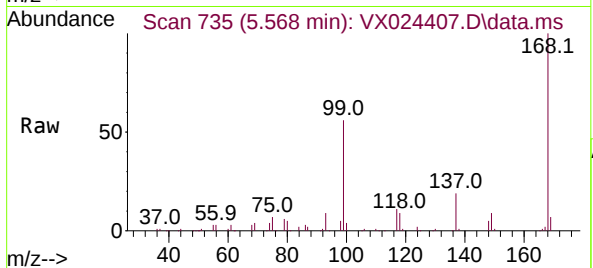
Tgt Ion:	75	Resp:	9882
Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.4#
77	0.0	25.3	37.9#



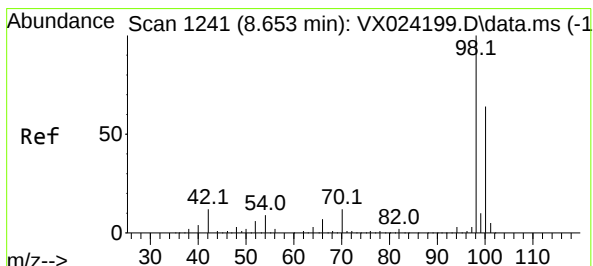
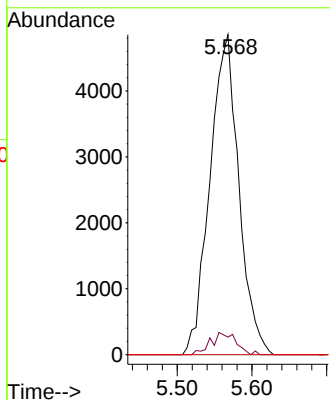
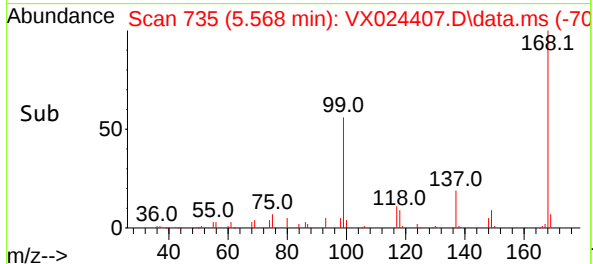


#38
Carbon Tetrachloride
Concen: 5.823 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

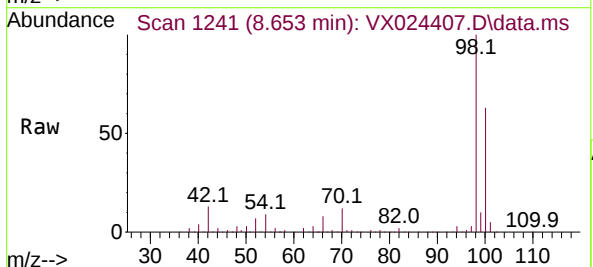
Instrument :
MSVOA_N
ClientSampleId :



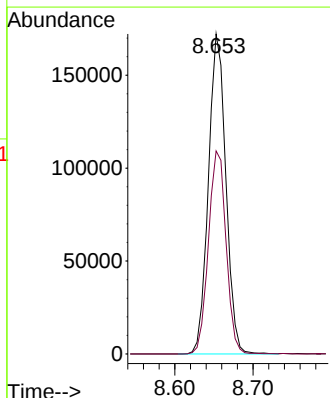
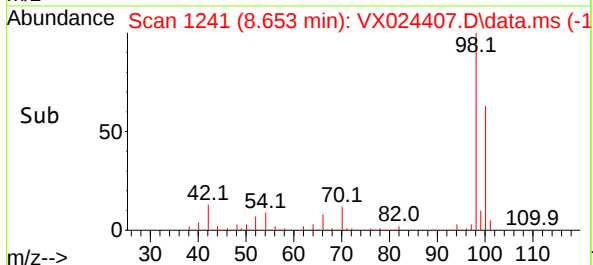
Tgt Ion:117 Resp: 13070
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

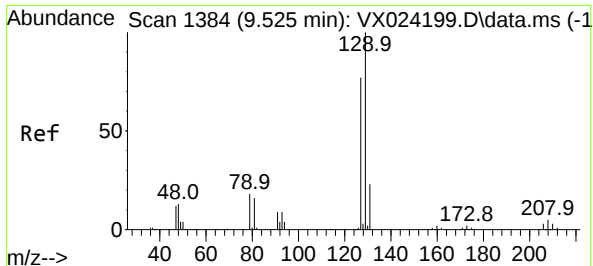


#50
Toluene-d8
Concen: 50.257 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40



Tgt Ion: 98 Resp: 266347
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

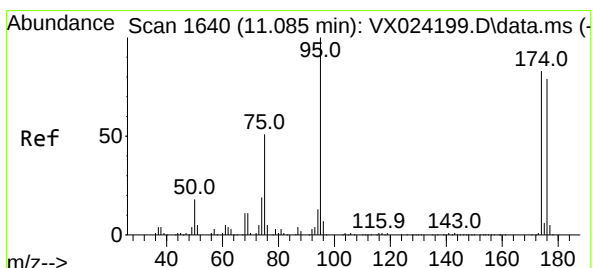
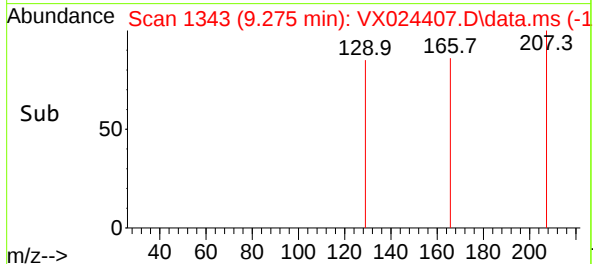
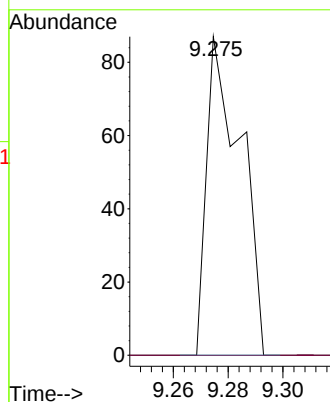
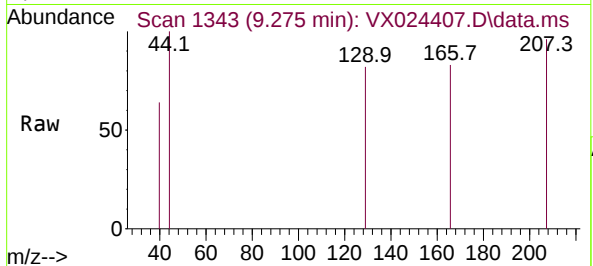




#60
Dibromochloromethane
Concen: 1.766 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

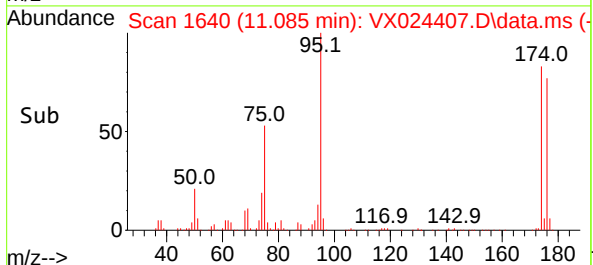
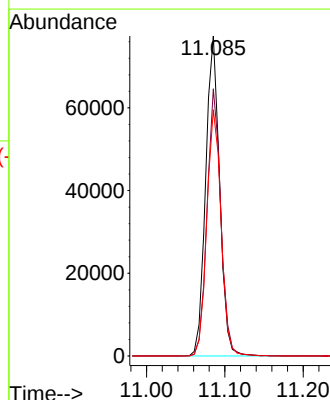
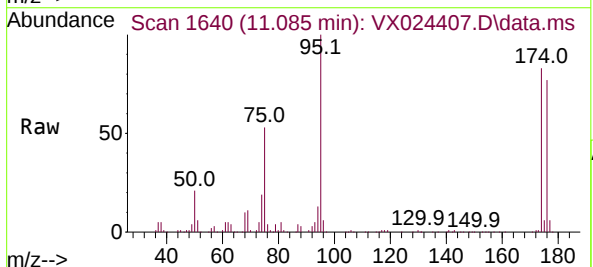
Instrument :
MSVOA_N
ClientSampled :

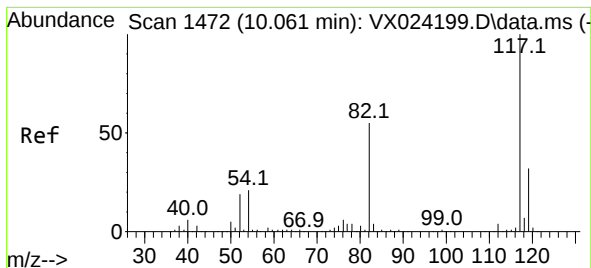
Tgt Ion:129 Resp: 75
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.326 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

Tgt Ion: 95 Resp: 95545
Ion Ratio Lower Upper
95 100
174 82.3 0.0 154.6
176 78.4 0.0 155.8

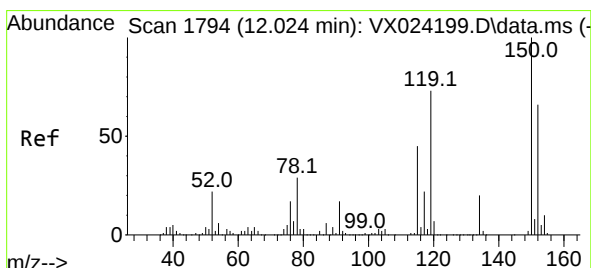
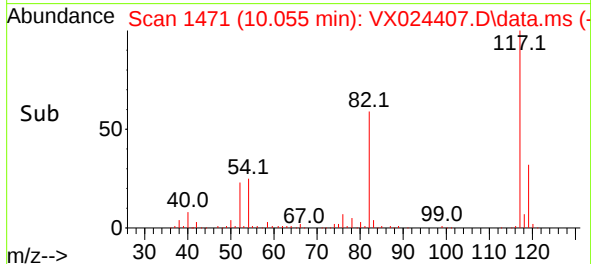
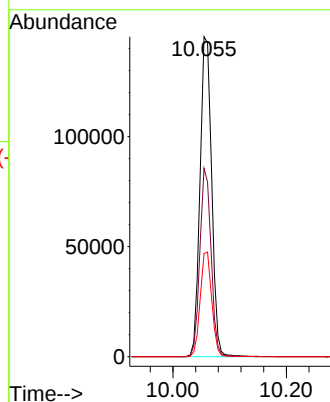
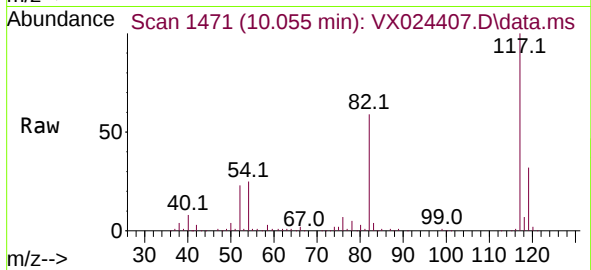




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

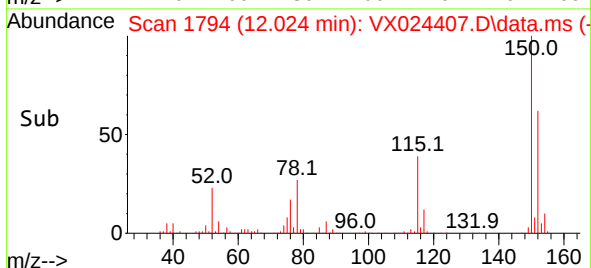
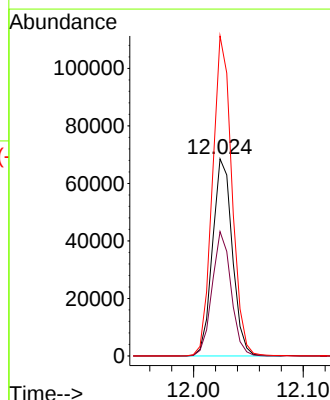
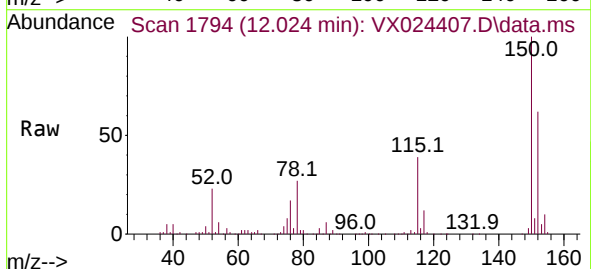
Instrument :
MSVOA_N
ClientSampleId :

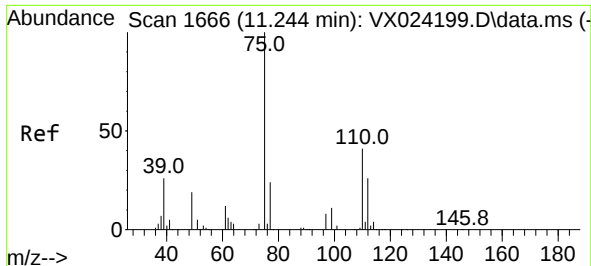
Tgt Ion:117 Resp: 207337
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

Tgt Ion:152 Resp: 86075
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 159.2 0.0 349.0

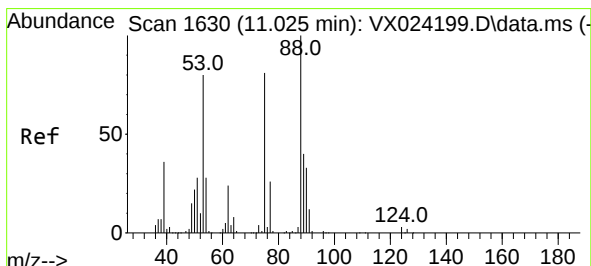
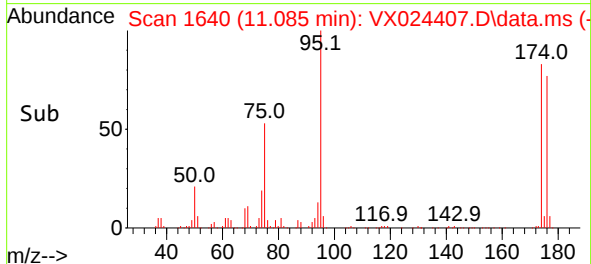
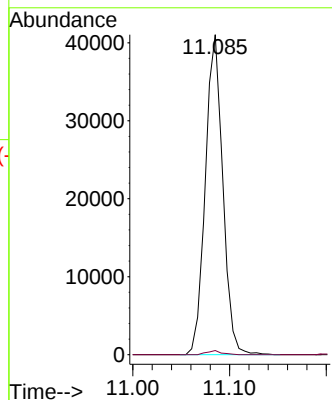
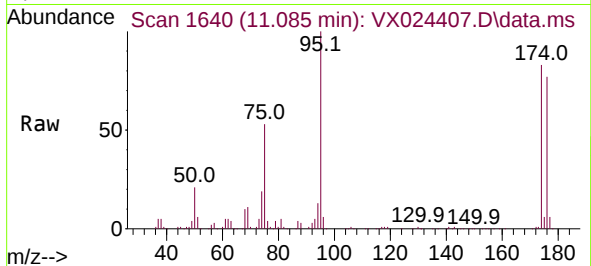




#76
1,2,3-Trichloropropane
Concen: 26.071 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

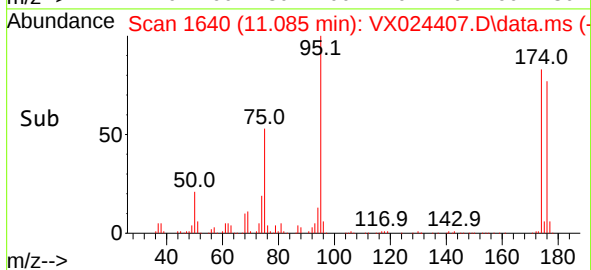
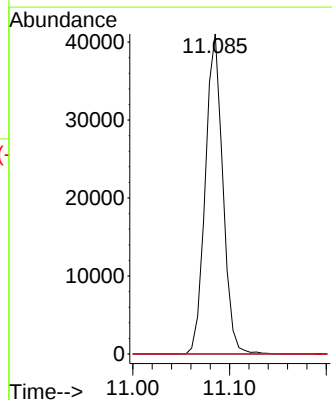
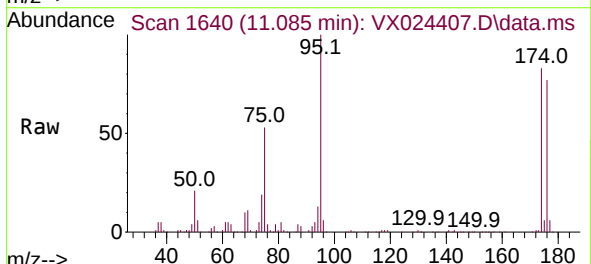
Instrument :
MSVOA_N
ClientSampled :

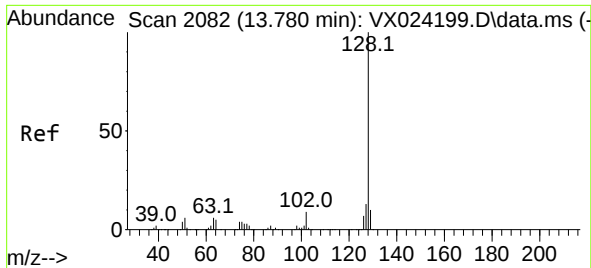
Tgt Ion: 75 Resp: 51601
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.676 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

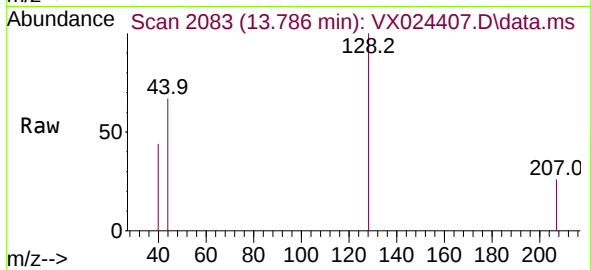
Tgt Ion: 75 Resp: 51601
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.333 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024407.D
Acq: 22 Sep 2021 00:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	293
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

