

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024212.D
 Acq On : 14 Sep 2021 17:04
 Operator : JC/MD
 Sample : M3729-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-760-762DL

Quant Time: Sep 15 01:57:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

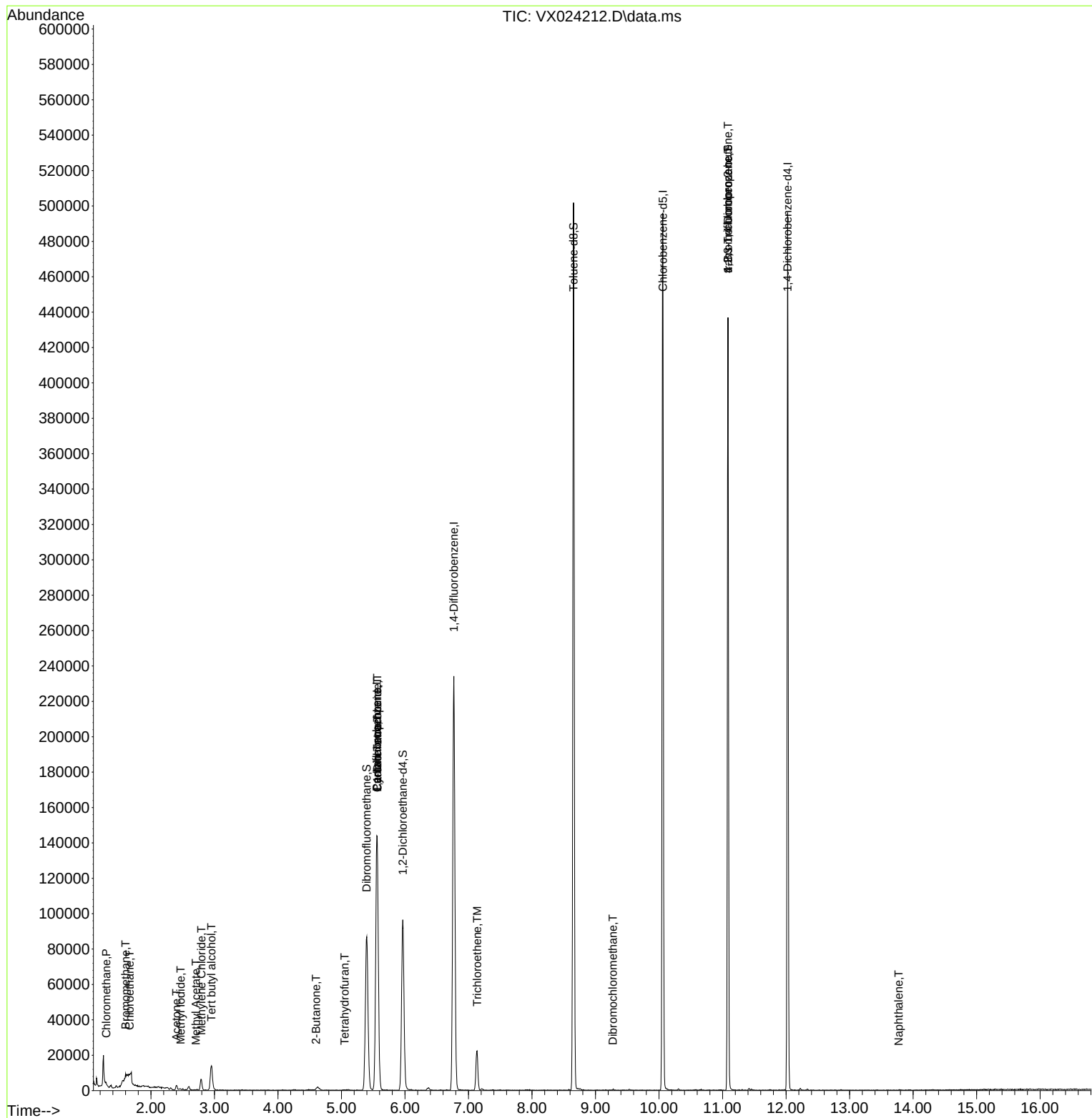
Internal Standards						
1) Pentafluorobenzene	5.556	168	136283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	224600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98412	50.640	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.280%	
35) Dibromofluoromethane	5.397	113	75052	47.531	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.060%	
50) Toluene-d8	8.653	98	287611	50.000	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.000%	
62) 4-Bromofluorobenzene	11.085	95	109861	49.076	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	486	0.355	ug/l #	87
5) Bromomethane	1.599	94	1101	1.358	ug/l #	68
6) Chloroethane	1.666	64	336	2.292	ug/l #	43
10) Methyl Iodide	2.465	142	888	0.478	ug/l #	90
11) Tert butyl alcohol	2.953	59	8985	0.868	ug/l #	75
16) Acetone	2.398	43	2845	3.433	ug/l #	83
18) Methyl Acetate	2.709	43	523	0.201	ug/l #	47
20) Methylene Chloride	2.794	84	3004	1.888	ug/l #	84
25) 2-Butanone	4.599	43	756	0.619	ug/l #	45
29) Tetrahydrofuran	5.050	42	223	0.292	ug/l #	36
31) Cyclohexane	5.562	56	3144	1.383	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	11236	5.191	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14760	6.058	ug/l #	16
44) Trichloroethene	7.135	130	8342	4.782	ug/l	94
60) Dibromochloromethane	9.275	129	106	1.778	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58169	25.399	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58169	74.698	ug/l #	12
95) Naphthalene	13.774	128	218	1.317	ug/l #	69

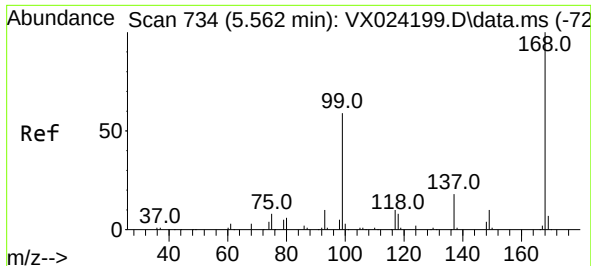
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
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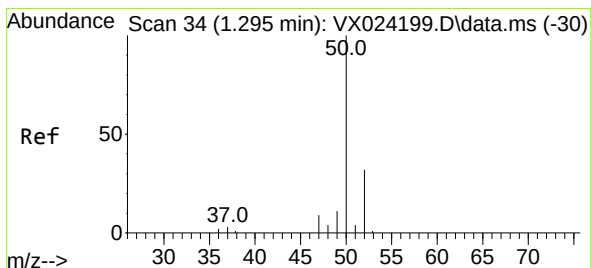
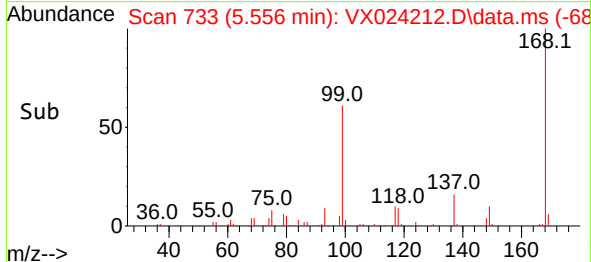
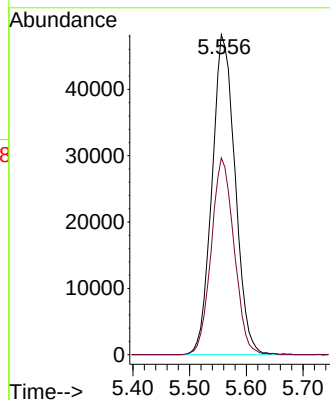
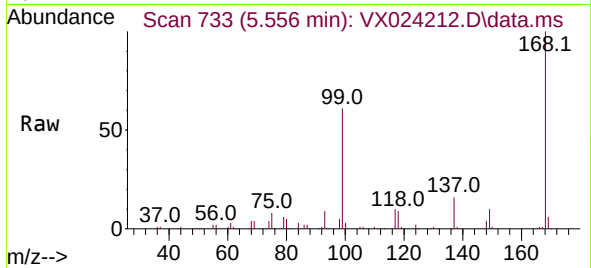




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

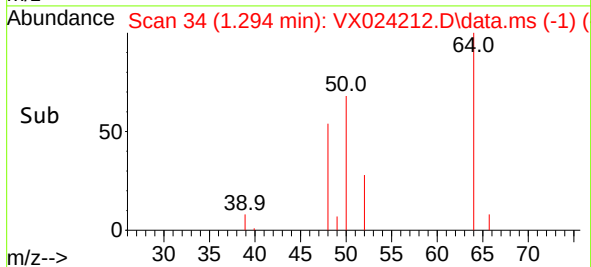
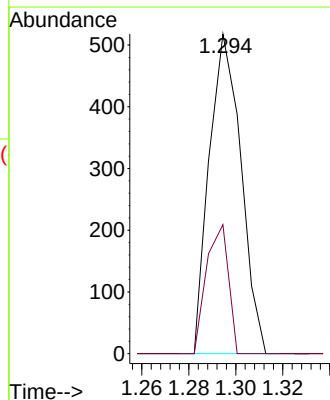
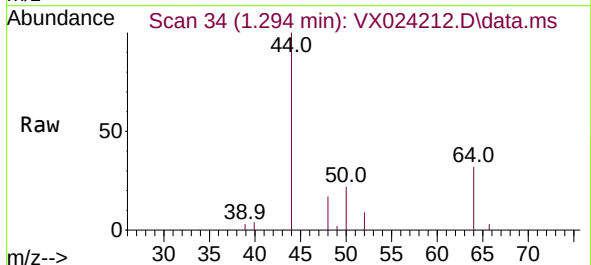
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762DL

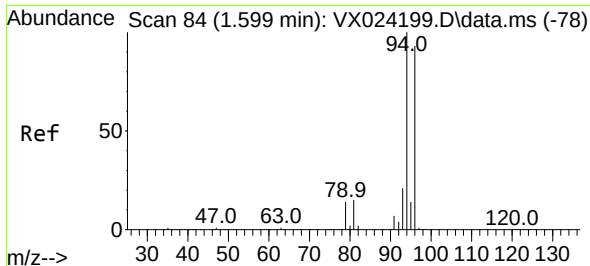
Tgt Ion:168 Resp: 136283
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 50 Resp: 486
Ion Ratio Lower Upper
50 100
52 40.3 26.4 39.6#

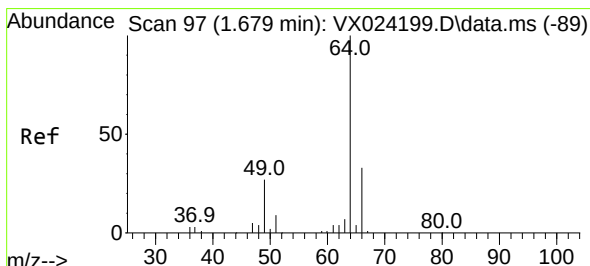
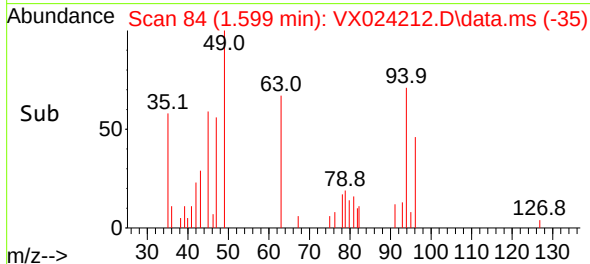
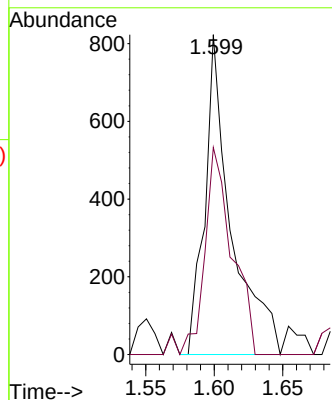
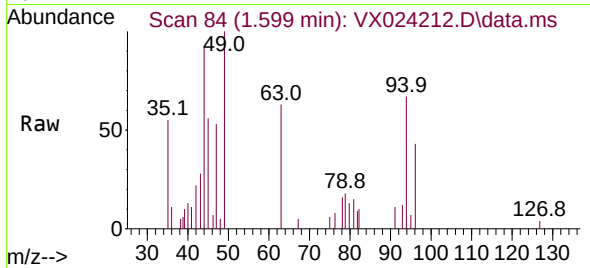




#5
Bromomethane
Concen: 1.358 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

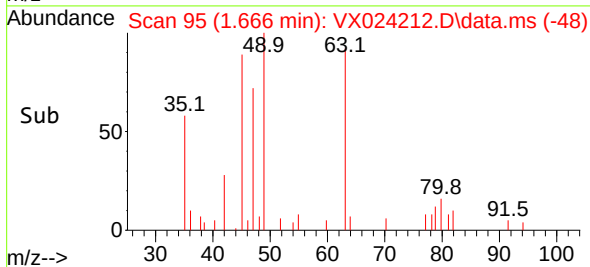
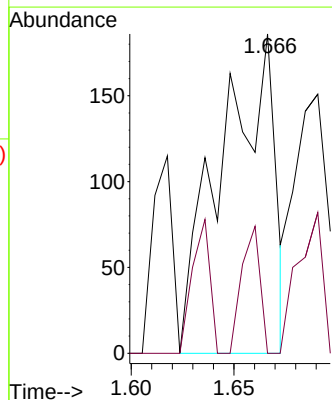
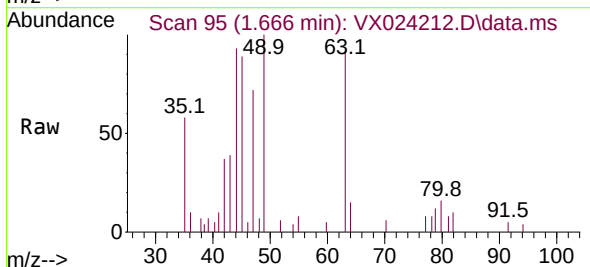
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762DL

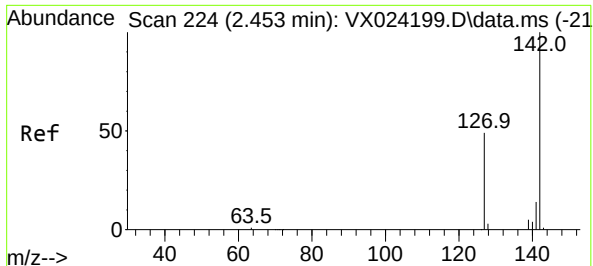
Tgt Ion: 94 Resp: 1101
Ion Ratio Lower Upper
94 100
96 64.8 76.4 114.6#



#6
Chloroethane
Concen: 2.292 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

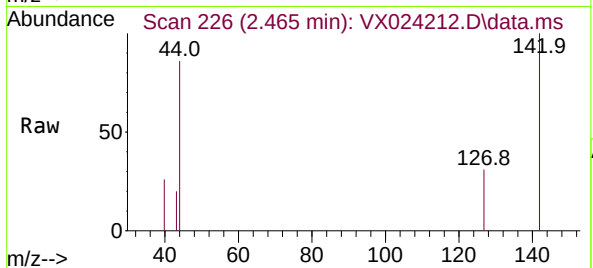
Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



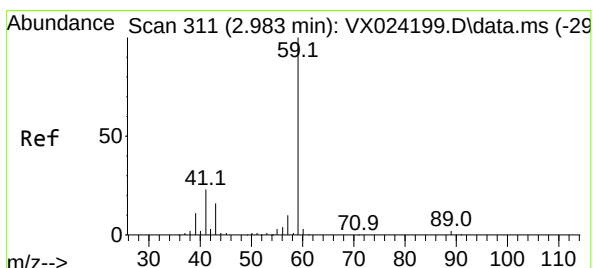
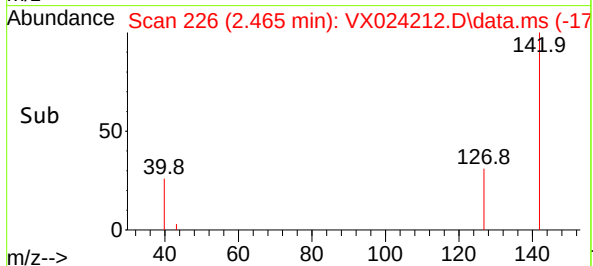
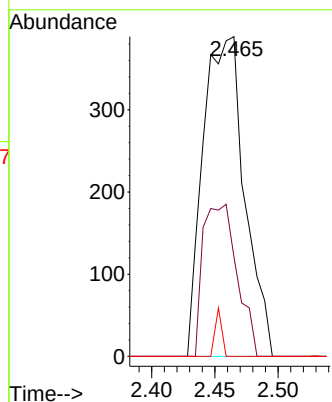


#10
Methyl Iodide
Concen: 0.478 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Instrument :
MSVOA_X
ClientSampleID :
BP-TT-VPB-RW7-GW-760-762DL

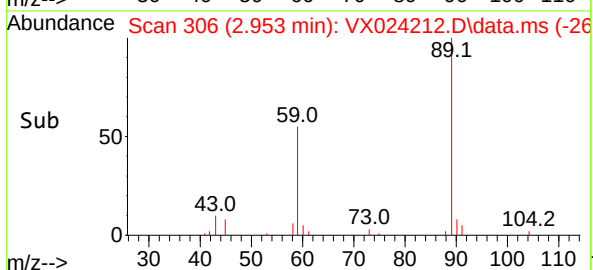
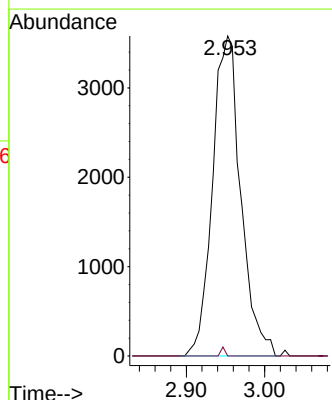
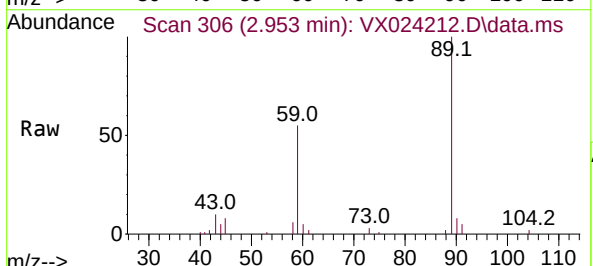


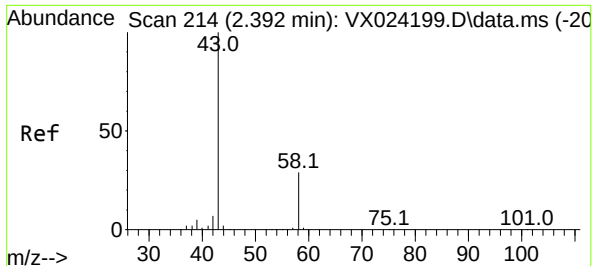
Tgt Ion:142 Resp: 888
Ion Ratio Lower Upper
142 100
127 39.0 33.3 49.9
141 2.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.868 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 59 Resp: 8985
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#

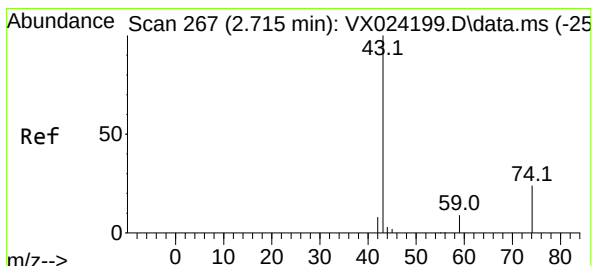
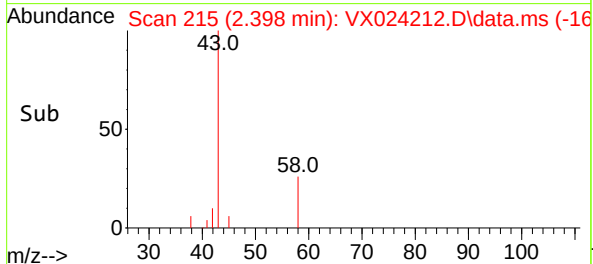
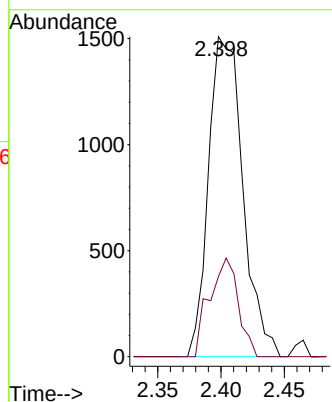
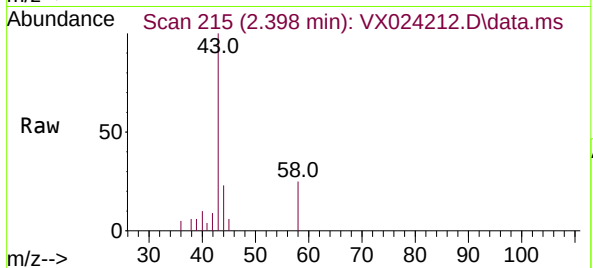




#16
Acetone
Concen: 3.433 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

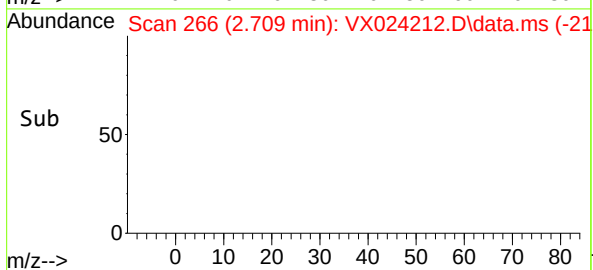
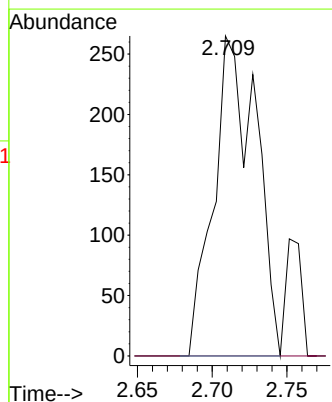
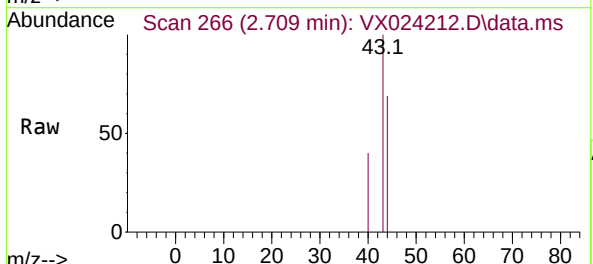
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762DL

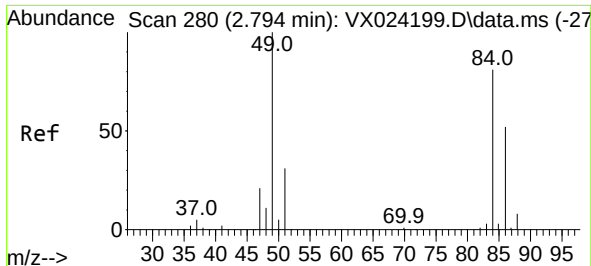
Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 25.0 27.8 41.8#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

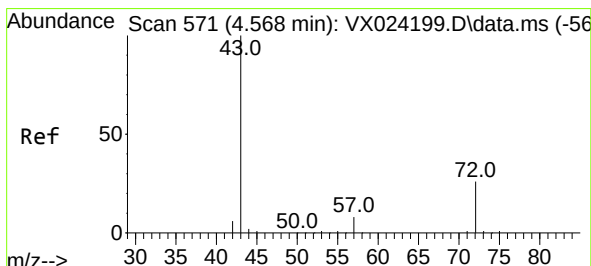
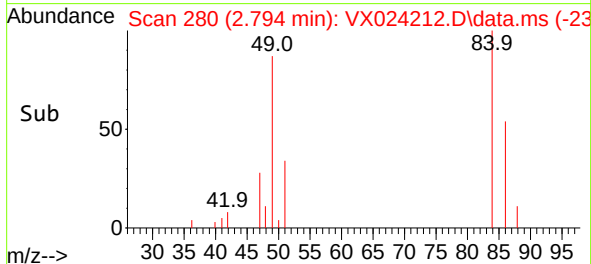
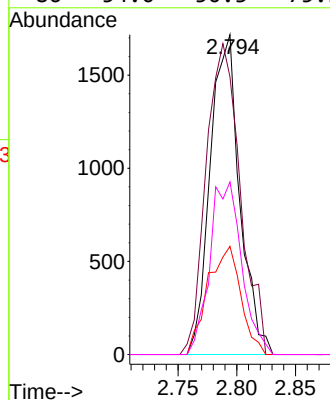
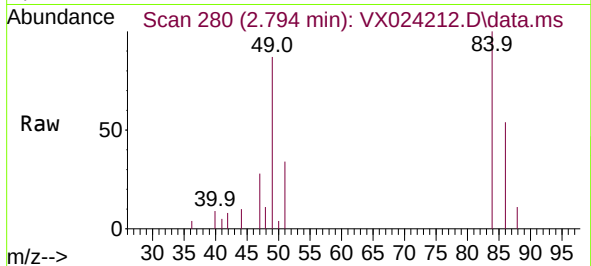




#20
Methylene Chloride
Concen: 1.888 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

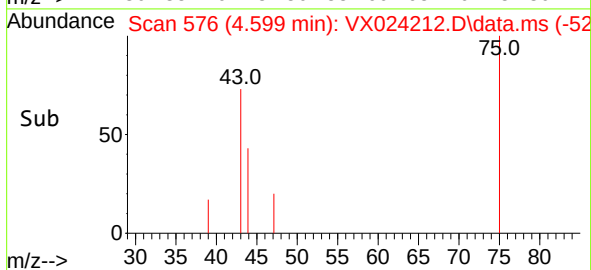
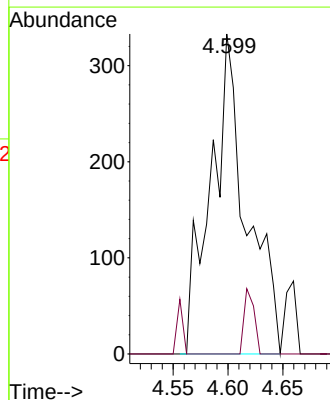
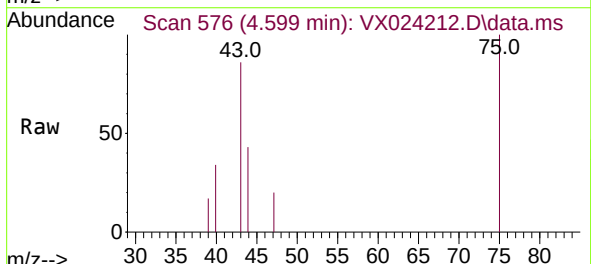
Instrument :
MSVOA_X
ClientSampleId :
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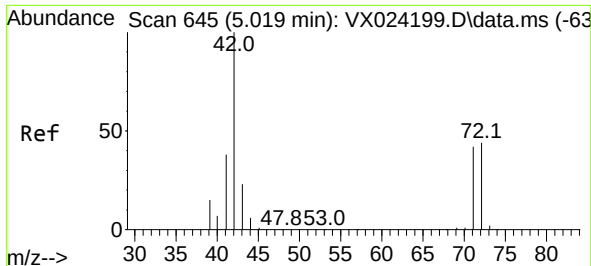
Tgt Ion:	84	Resp:	3004
Ion	Ratio	Lower	Upper
84	100		
49	86.8	88.6	132.8#
51	33.8	27.0	40.6
86	54.0	50.3	75.5



#25
2-Butanone
Concen: 0.619 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Tgt Ion:	43	Resp:	756
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.292 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.031 min

Lab File: VX024212.D

Acq: 14 Sep 2021 17:04

Tgt Ion: 42 Resp: 223

Ion Ratio Lower Upper

42 100

72 11.2 41.7 62.5#

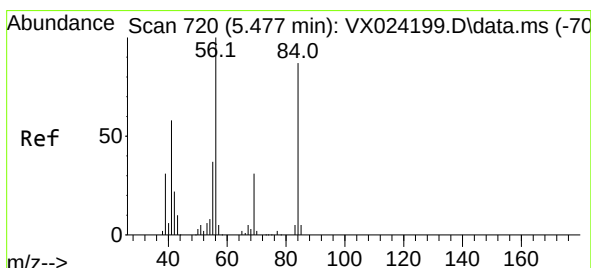
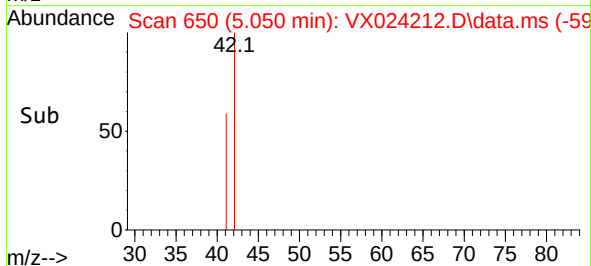
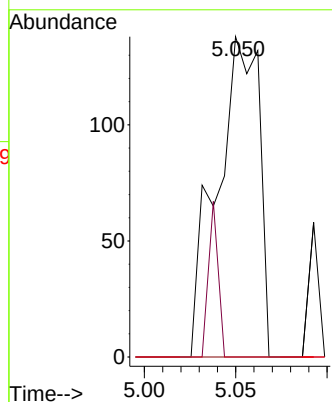
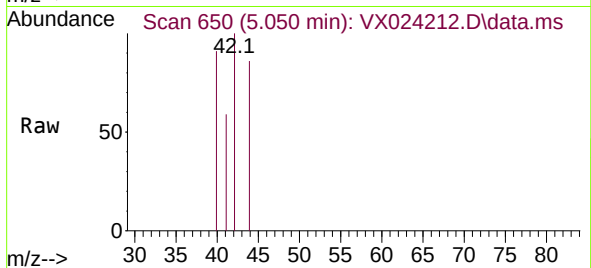
71 0.0 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-760-762DL



#31

Cyclohexane

Concen: 1.383 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024212.D

Acq: 14 Sep 2021 17:04

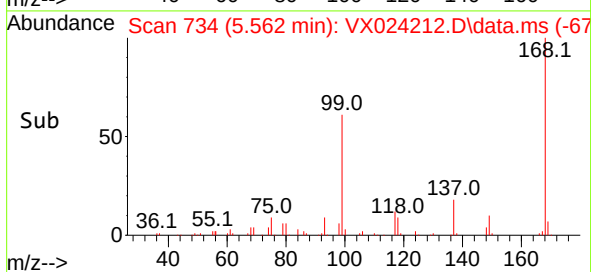
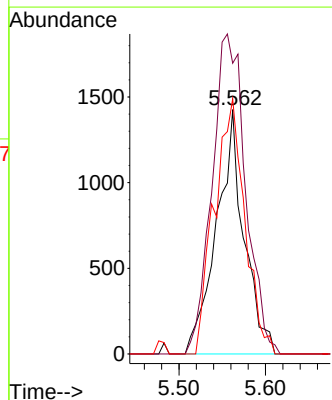
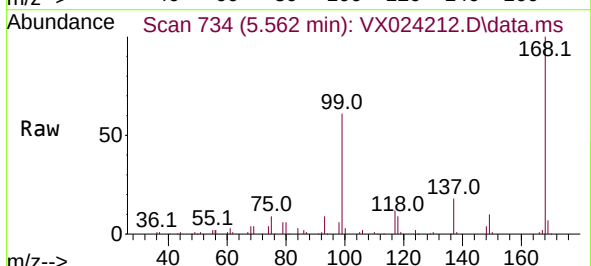
Tgt Ion: 56 Resp: 3144

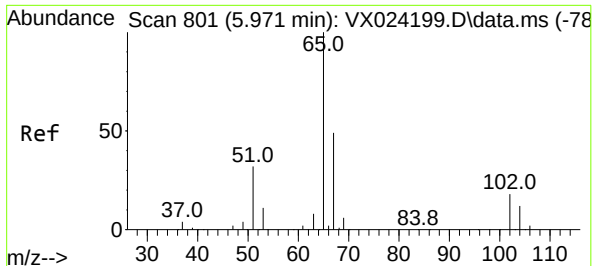
Ion Ratio Lower Upper

56 100

69 119.0 25.3 37.9#

84 104.5 71.4 107.0

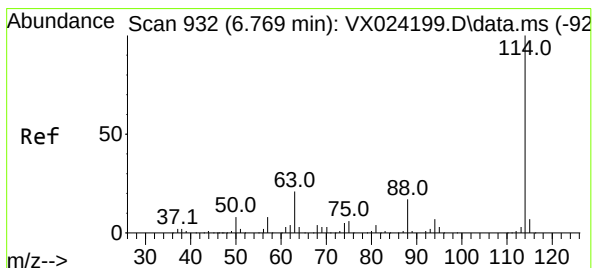
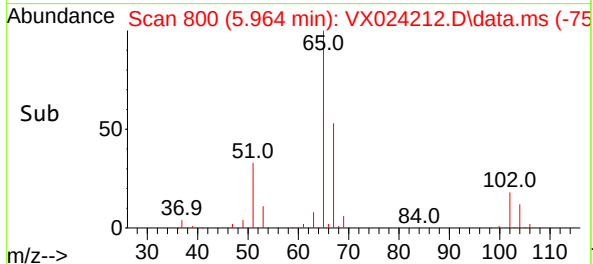
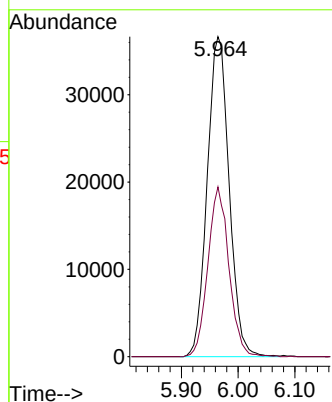
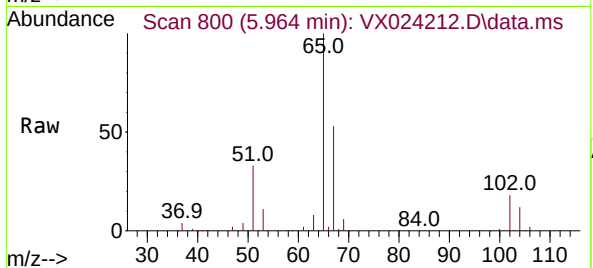




#33
 1,2-Dichloroethane-d4
 Concen: 50.640 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024212.D
 Acq: 14 Sep 2021 17:04

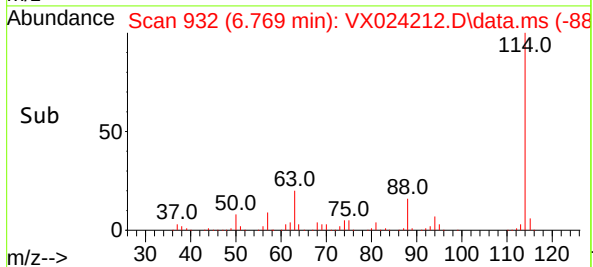
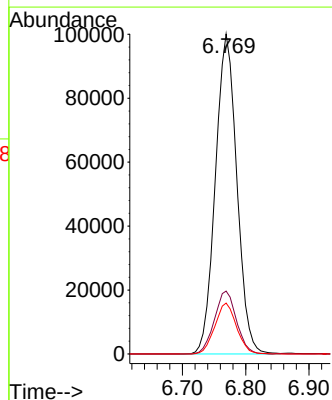
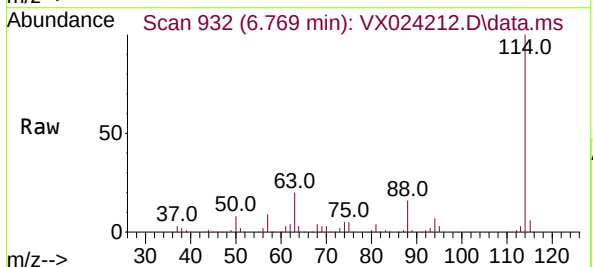
Instrument :
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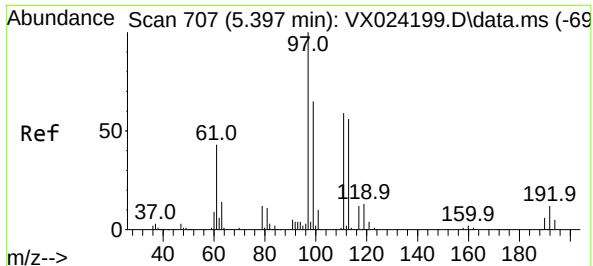
Tgt Ion: 65 Resp: 98412
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024212.D
 Acq: 14 Sep 2021 17:04

Tgt Ion: 114 Resp: 235447
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.531 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024212.D

Acq: 14 Sep 2021 17:04

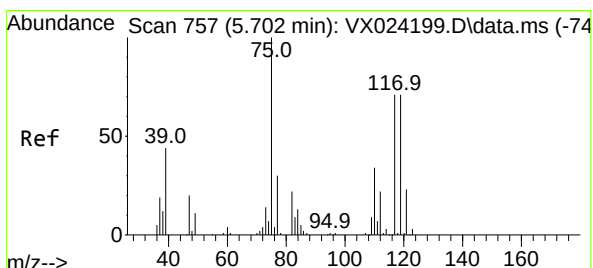
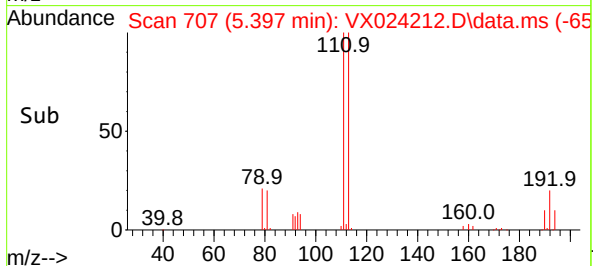
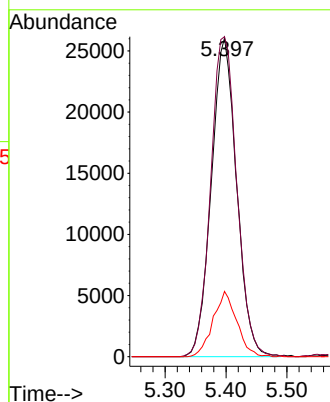
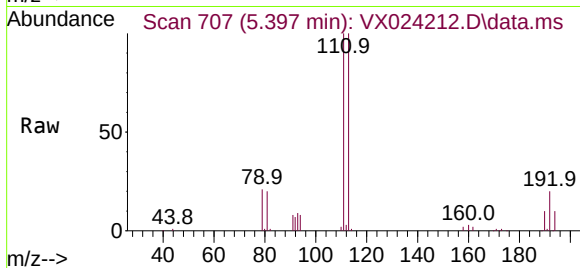
Tgt Ion:	113	Resp:	75052
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.9	122.9
192	19.3	16.7	25.1

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-760-762DL



#36

1,1-Dichloropropene

Concen: 5.191 ug/l

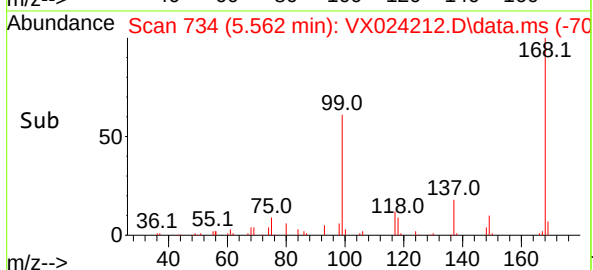
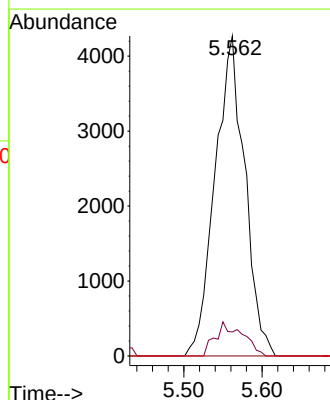
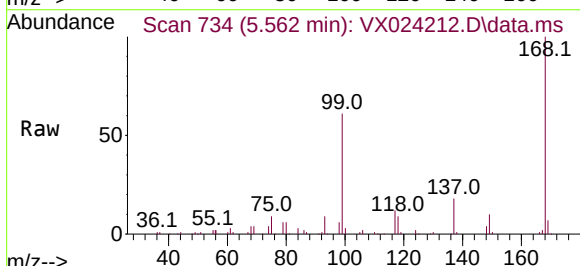
RT: 5.562 min Scan# 734

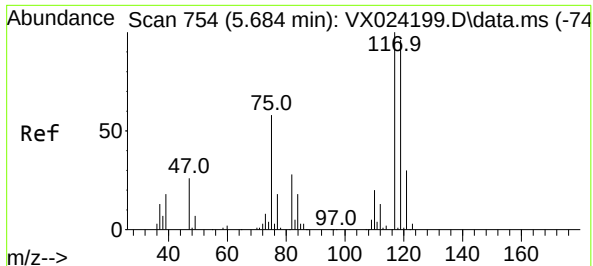
Delta R.T. -0.140 min

Lab File: VX024212.D

Acq: 14 Sep 2021 17:04

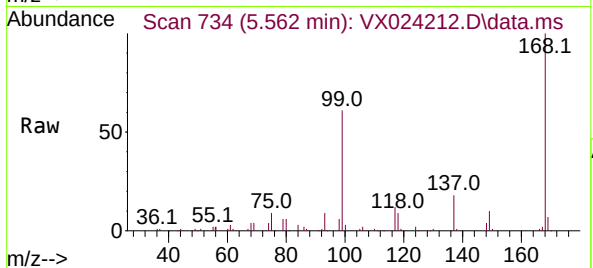
Tgt Ion:	75	Resp:	11236
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#



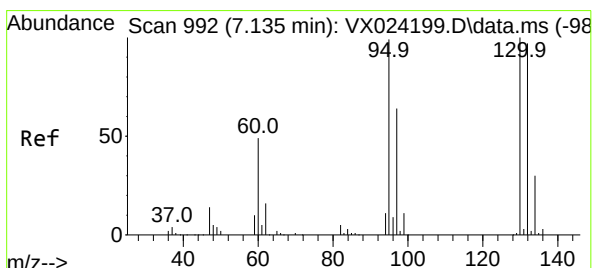
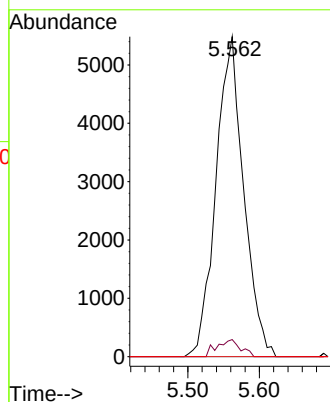
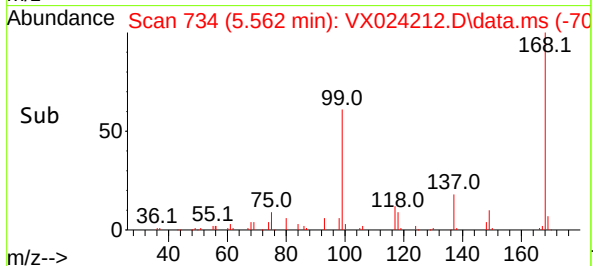


#38
Carbon Tetrachloride
Concen: 6.058 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

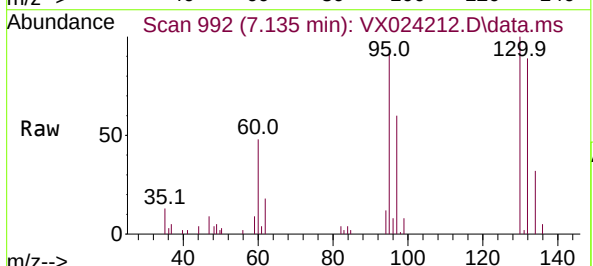
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762DL



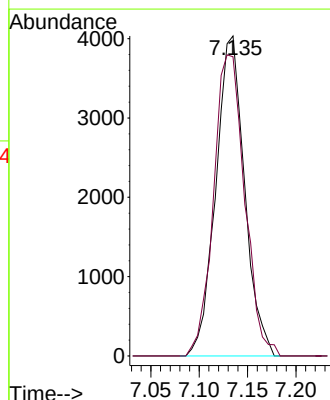
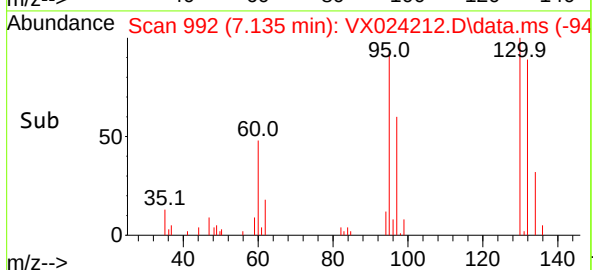
Tgt Ion:117 Resp: 14760
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

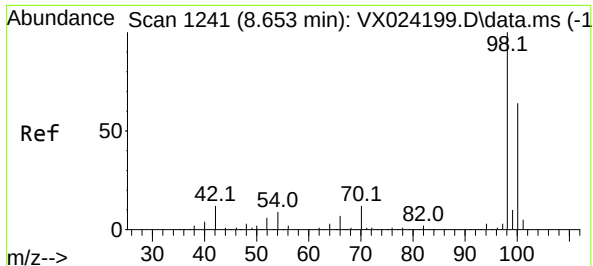


#44
Trichloroethene
Concen: 4.782 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04



Tgt Ion:130 Resp: 8342
Ion Ratio Lower Upper
130 100
95 93.5 0.0 198.0

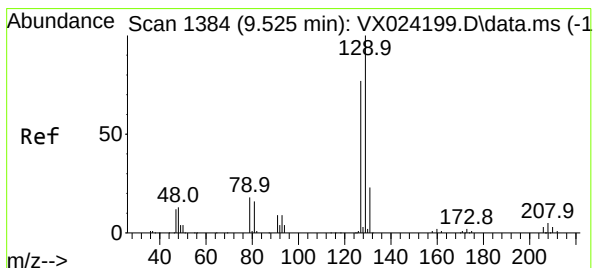
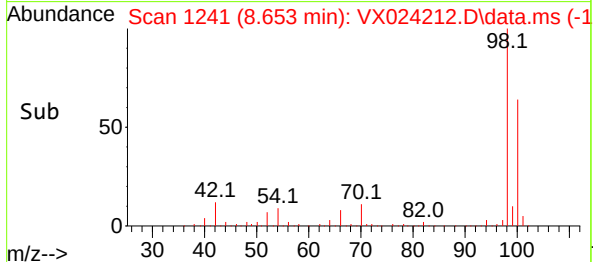
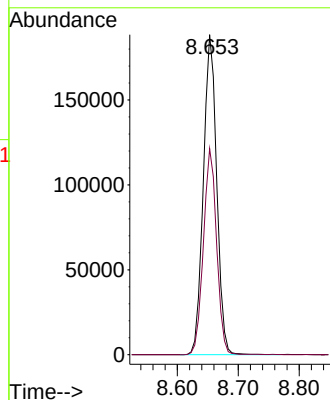
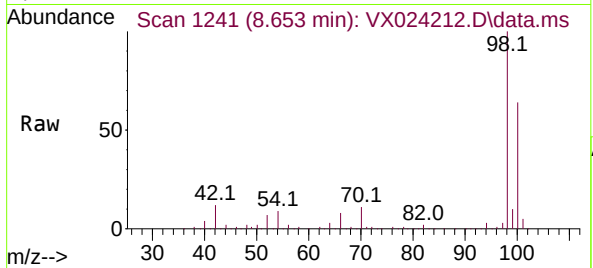




#50
Toluene-d8
Concen: 50.000 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

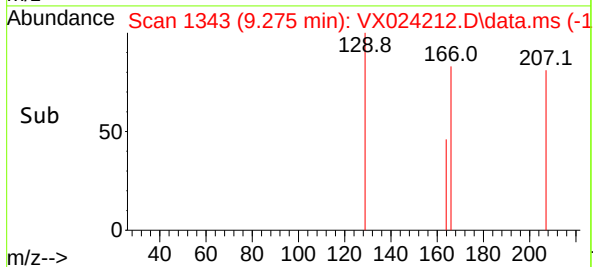
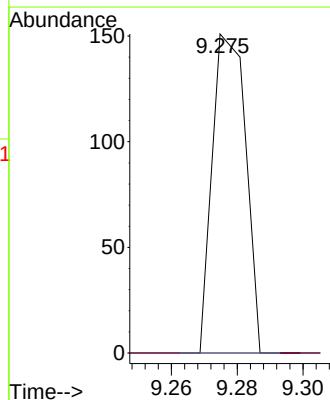
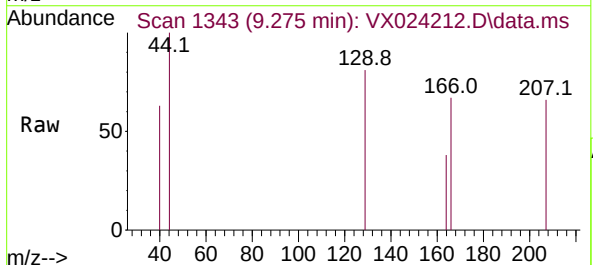
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762DL

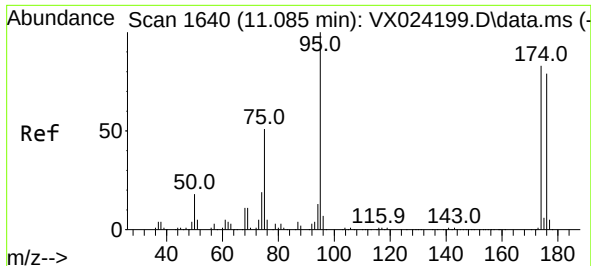
Tgt Ion: 98 Resp: 287611
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#60
Dibromochloromethane
Concen: 1.778 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 129 Resp: 106
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

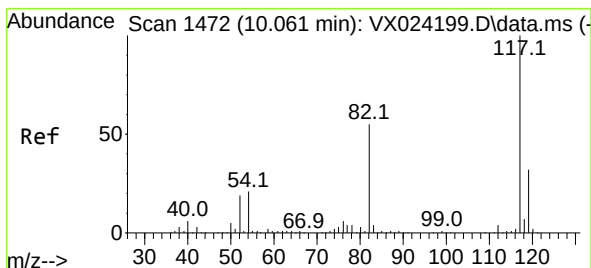
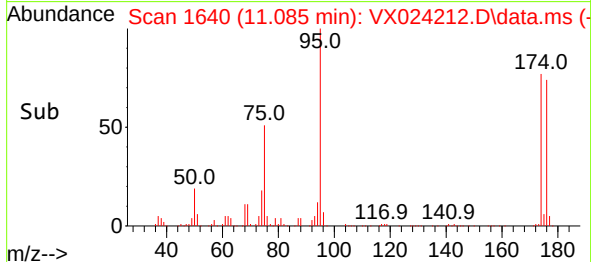
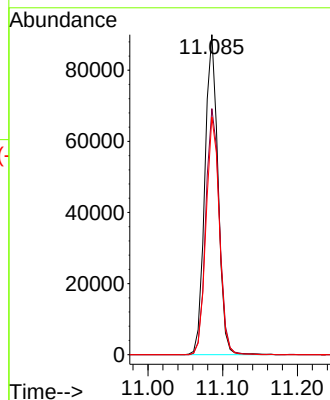
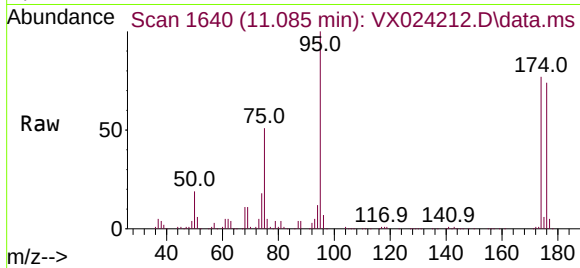




#62
4-Bromofluorobenzene
Concen: 49.076 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

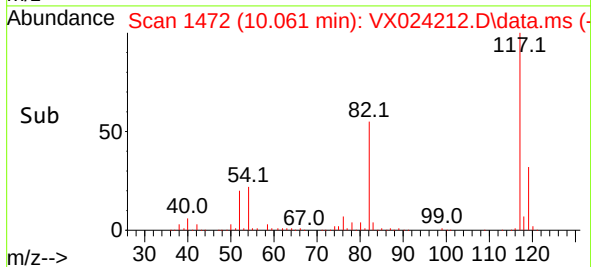
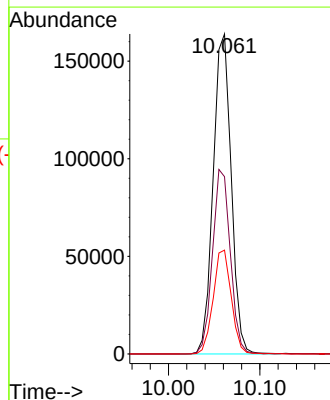
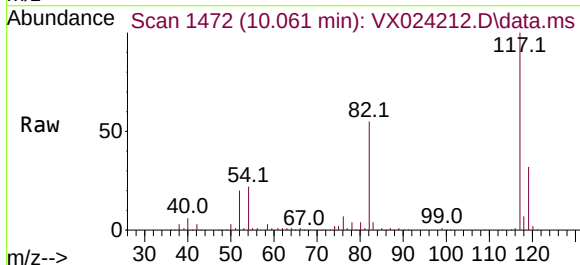
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762DL

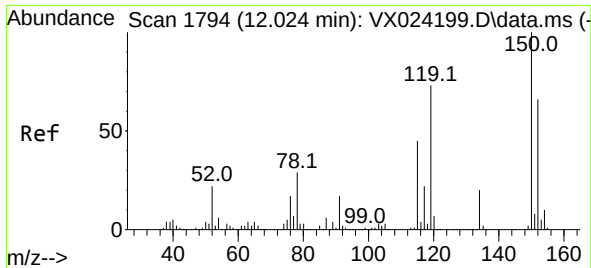
Tgt Ion: 95 Resp: 109861
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 117 Resp: 224600
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.5 26.6 39.8

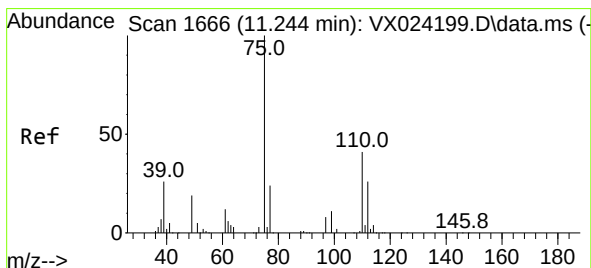
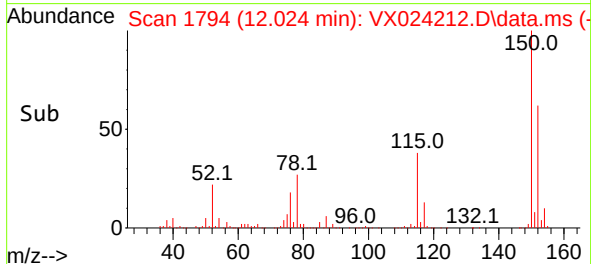
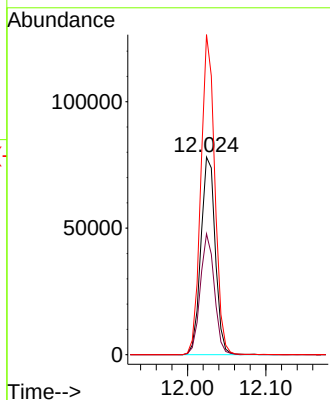
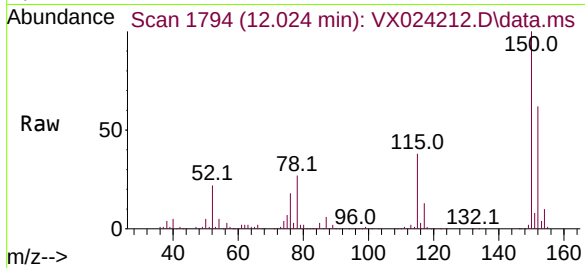




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024212.D
 Acq: 14 Sep 2021 17:04

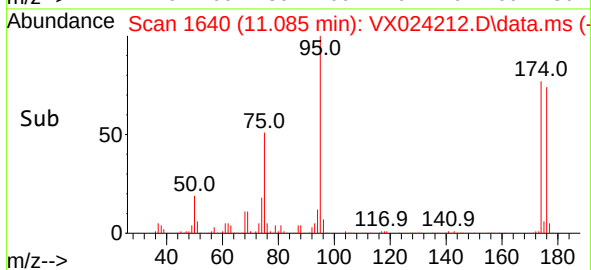
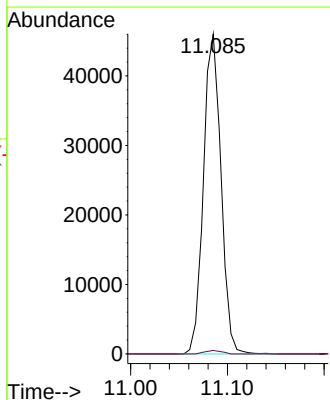
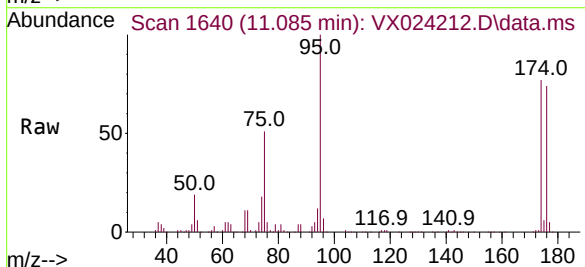
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-760-762DL

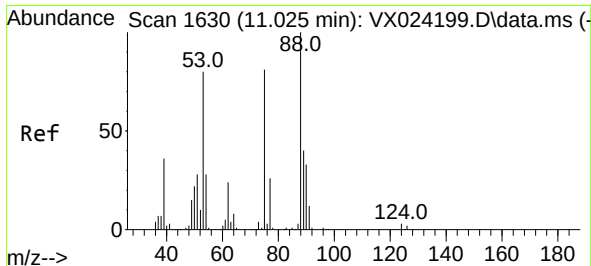
Tgt Ion:152 Resp: 99601
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 156.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.399 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024212.D
 Acq: 14 Sep 2021 17:04

Tgt Ion: 75 Resp: 58169
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

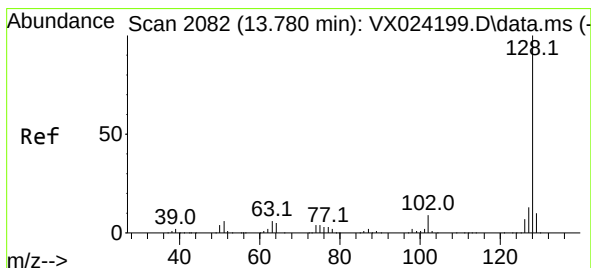
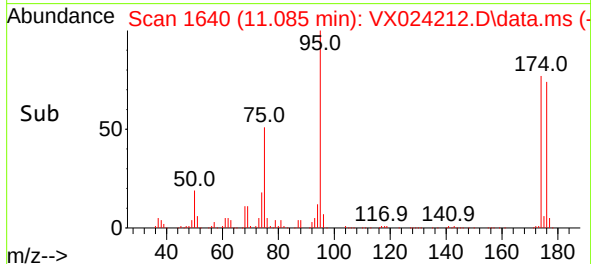
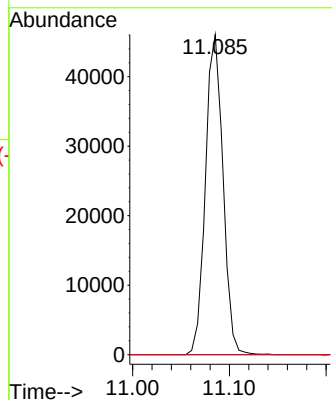
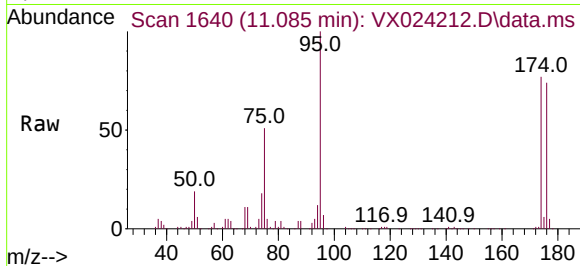




#81
trans-1,4-Dichloro-2-butene
Concen: 74.698 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-760-762DL

Tgt Ion: 75 Resp: 58169
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.317 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX024212.D
Acq: 14 Sep 2021 17:04

Tgt Ion: 128 Resp: 218
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

