

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024795.D
 Acq On : 13 Oct 2021 19:58
 Operator : JC/MD
 Sample : M4169-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKRE

Quant Time: Oct 14 03:58:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

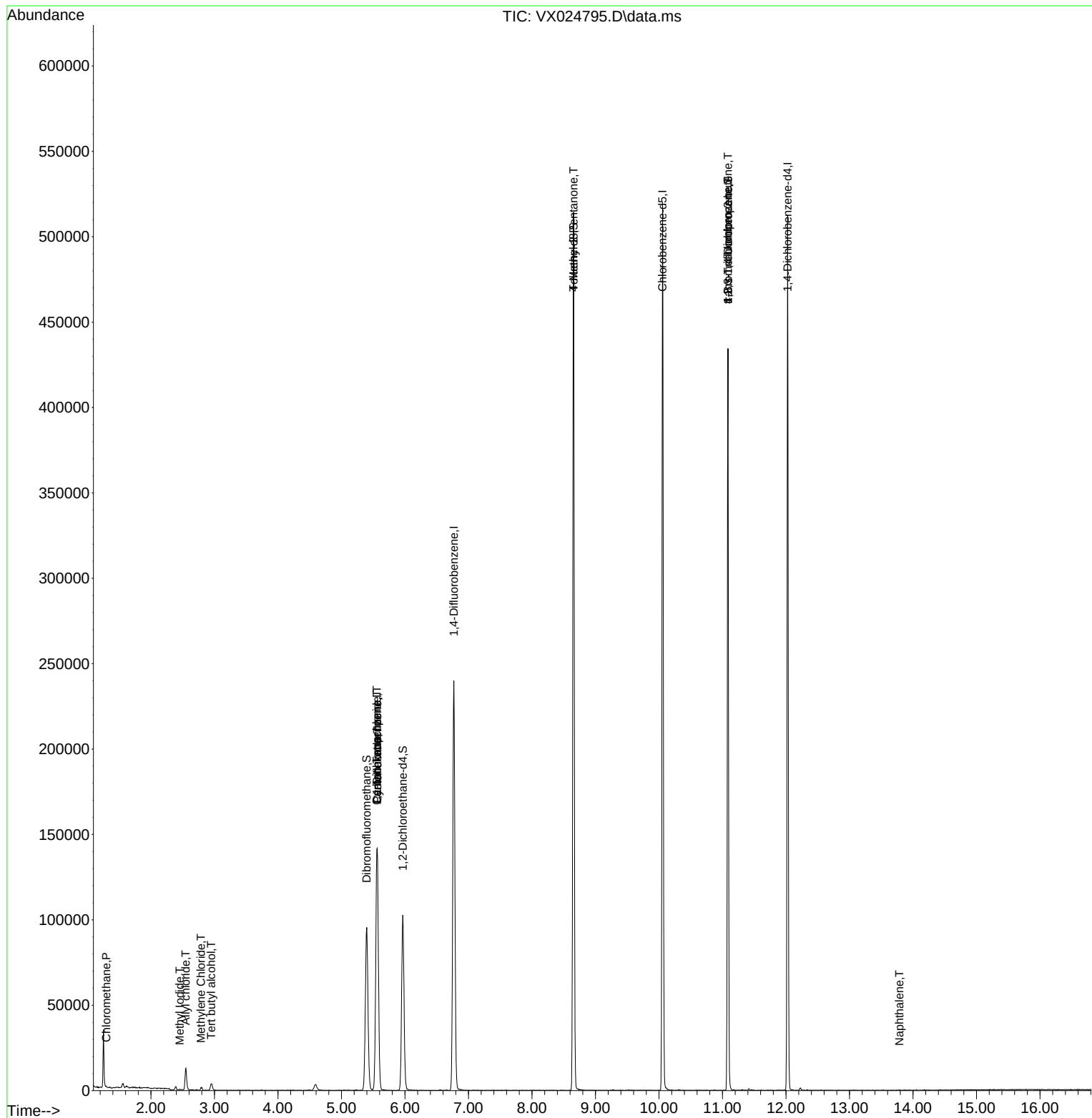
Internal Standards						
1) Pentafluorobenzene	5.562	168	135834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103557	62.028	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 124.060%#	
35) Dibromofluoromethane	5.397	113	81504	57.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.520%	
50) Toluene-d8	8.653	98	292987	55.647	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.300%	
62) 4-Bromofluorobenzene	11.085	95	112100	54.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	307	0.244	ug/l	92
5) Bromomethane	1.618	94	462	Below Cal	#	76
10) Methyl Iodide	2.453	142	518	1.223	ug/l #	59
11) Tert butyl alcohol	2.947	59	2333	6.630	ug/l #	72
14) Allyl chloride	2.544	41	1387	0.648	ug/l #	66
16) Acetone	2.392	43	2290	Below Cal		99
20) Methylene Chloride	2.788	84	732	0.517	ug/l #	91
31) Cyclohexane	5.562	56	2885	1.297	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10425	4.927	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14621	6.167	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1330	0.531	ug/l #	1
59) 2-Hexanone	9.482	43	23	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.085	75	57940	26.729	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	57940	71.954	ug/l #	9
95) Naphthalene	13.786	128	101	0.268	ug/l #	69

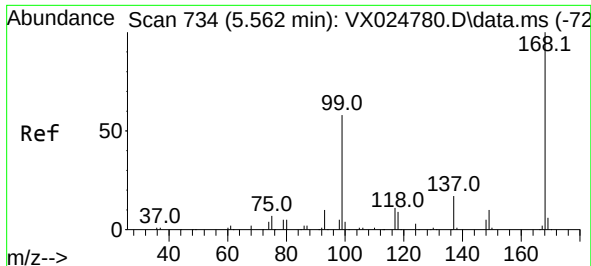
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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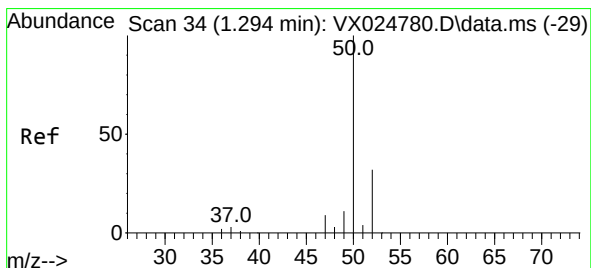
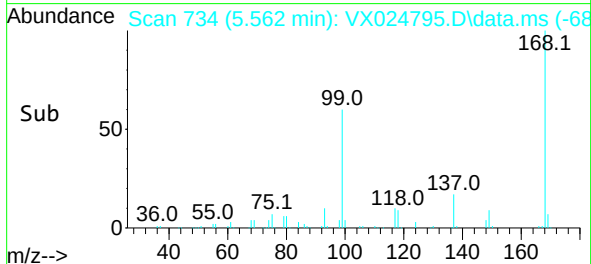
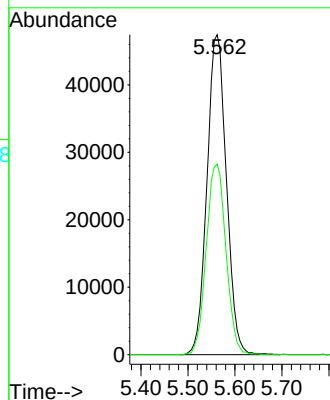
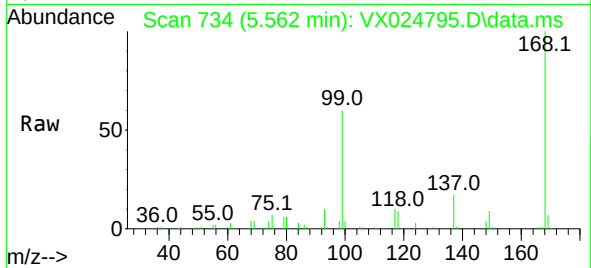




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

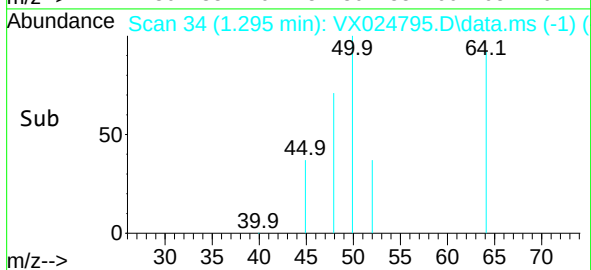
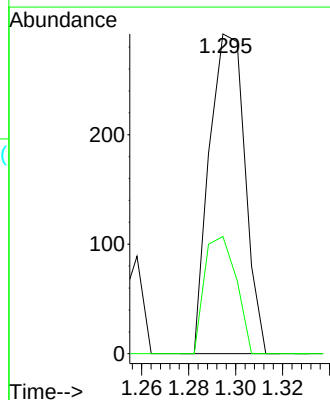
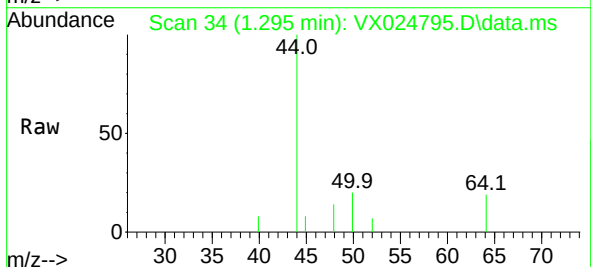
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

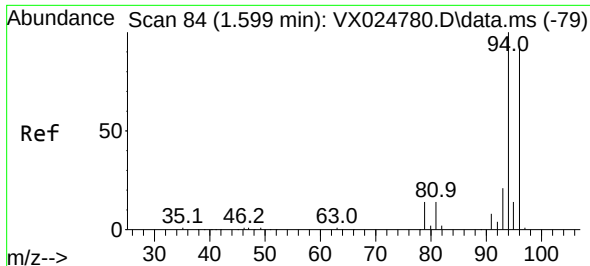
Tgt Ion:168 Resp: 135834
Ion Ratio Lower Upper
168 100
99 59.6 46.4 69.6



#3
Chloromethane
Concen: 0.244 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion: 50 Resp: 307
Ion Ratio Lower Upper
50 100
52 36.6 25.9 38.9

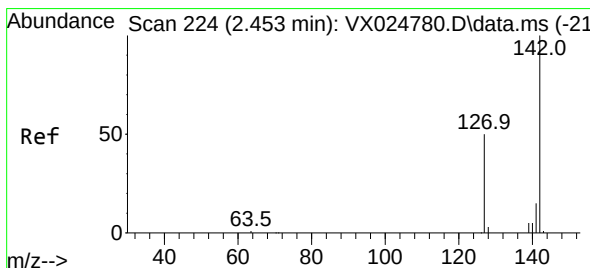
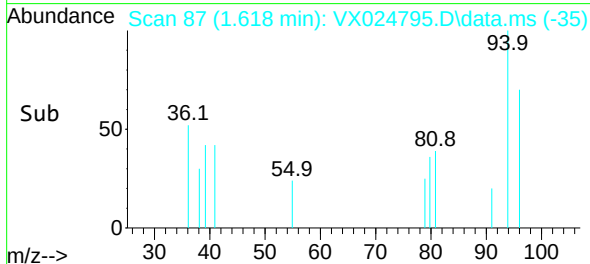
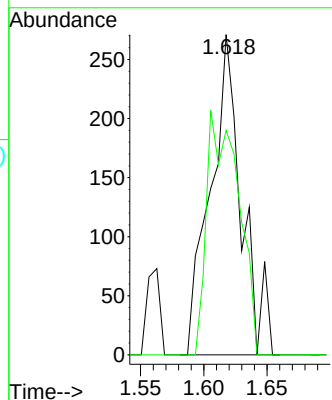
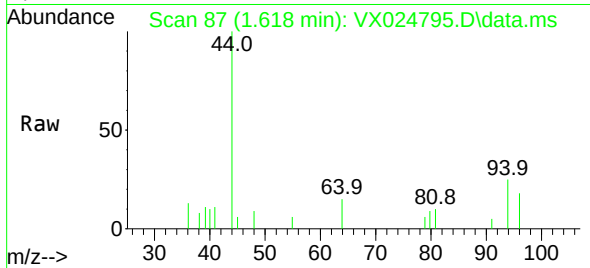




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

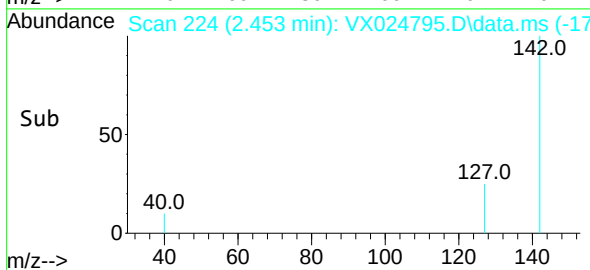
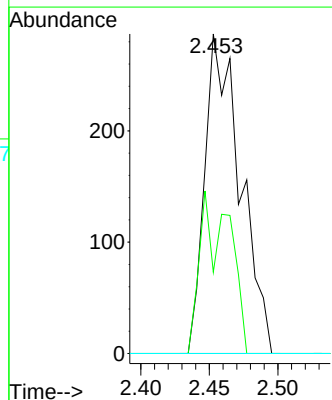
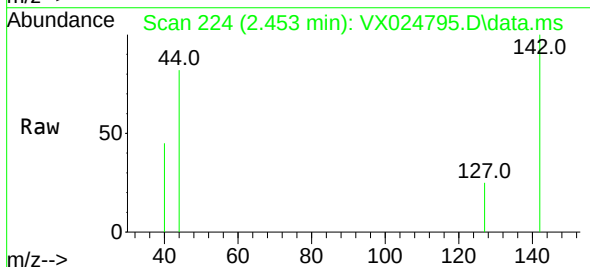
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

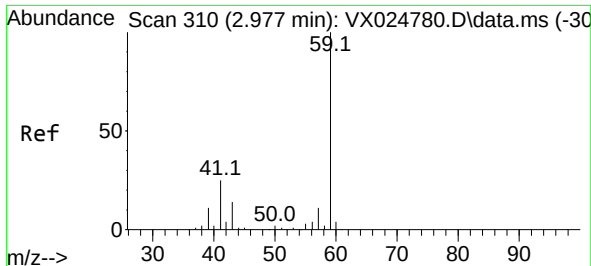
Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 70.1 74.8 112.2#



#10
Methyl Iodide
Concen: 1.223 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion: 142 Resp: 518
Ion Ratio Lower Upper
142 100
127 19.7 38.9 58.3#
141 0.0 11.7 17.5#



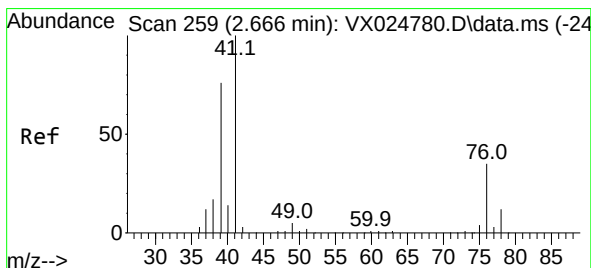
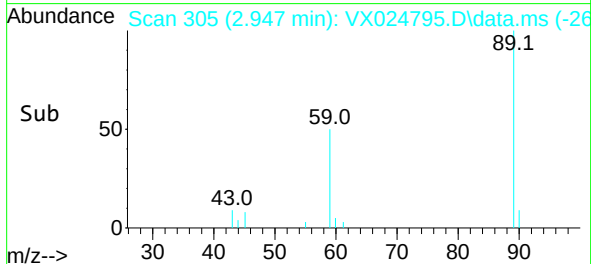
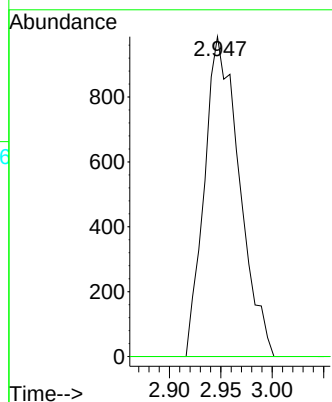
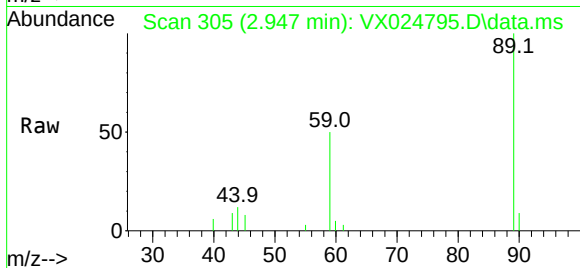


#11

Tert butyl alcohol
Concen: 6.630 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

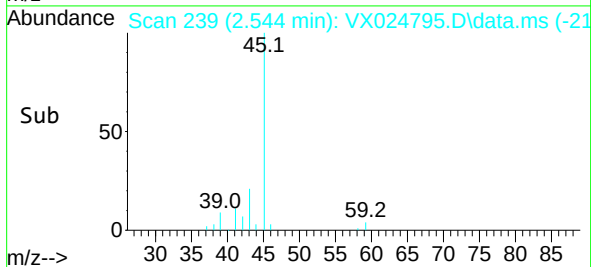
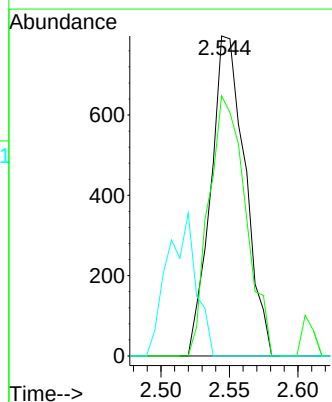
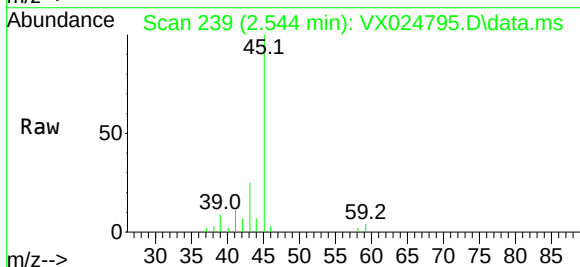
Tgt Ion: 59 Resp: 2333
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

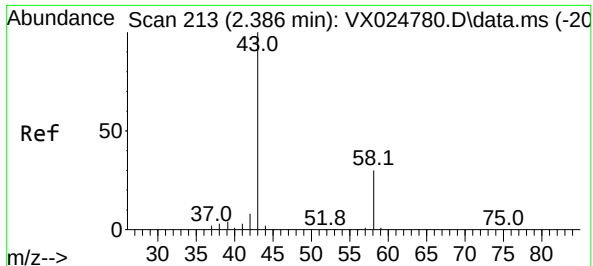


#14

Allyl chloride
Concen: 0.648 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion: 41 Resp: 1387
Ion Ratio Lower Upper
41 100
39 87.0 54.6 82.0#
76 0.0 25.3 37.9#

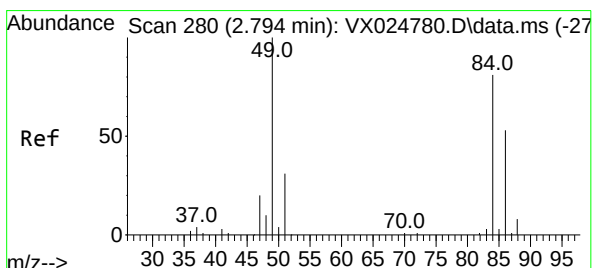
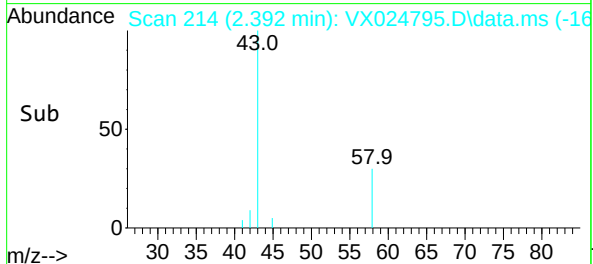
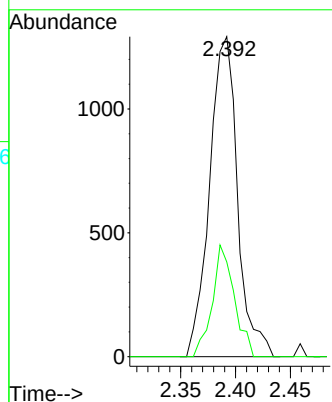
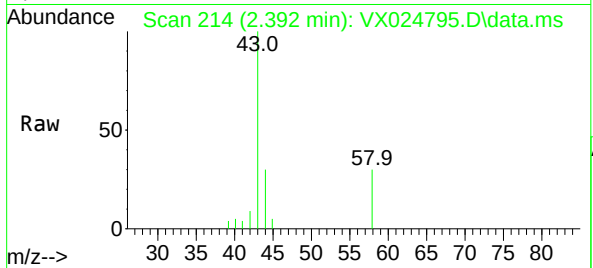




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

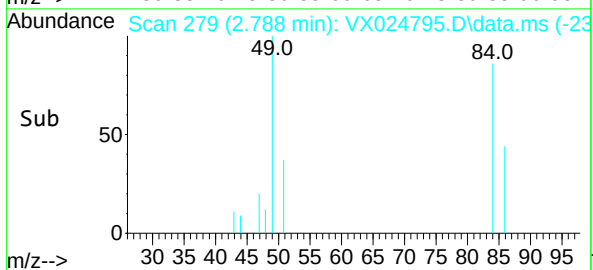
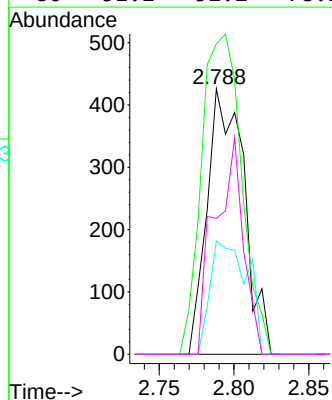
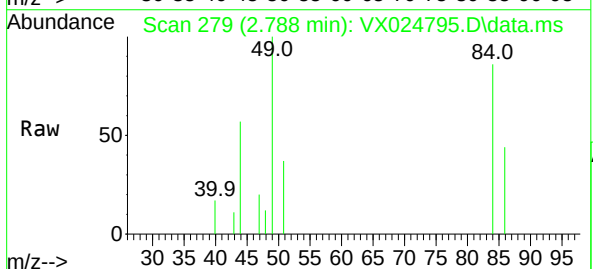
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

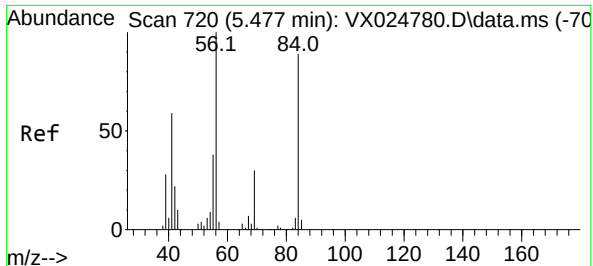
Tgt Ion: 43 Resp: 2290
Ion Ratio Lower Upper
43 100
58 29.6 24.0 36.0



#20
Methylene Chloride
Concen: 0.517 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion: 84 Resp: 732
Ion Ratio Lower Upper
84 100
49 116.9 98.2 147.2
51 42.7 30.2 45.4
86 51.2 52.2 78.2#

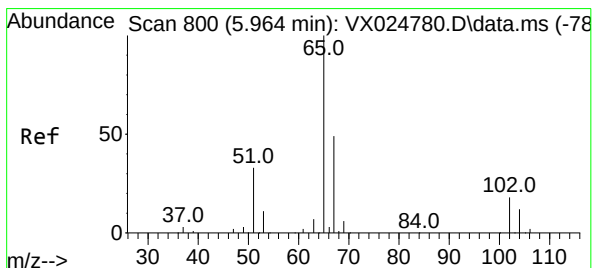
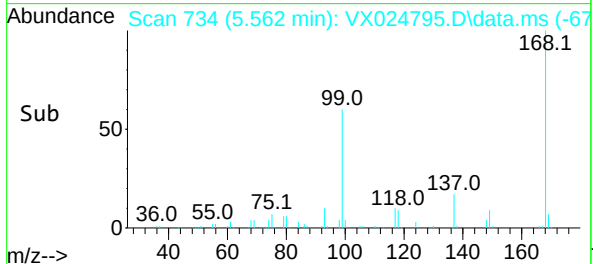
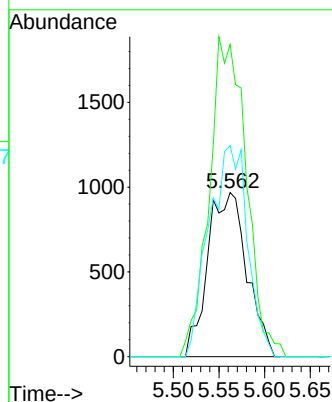
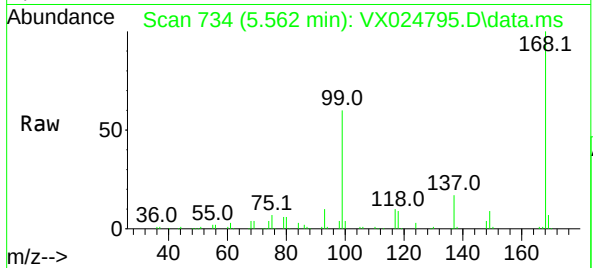




#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

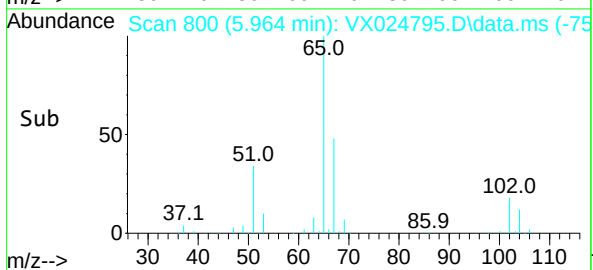
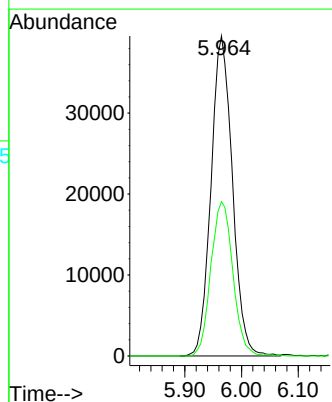
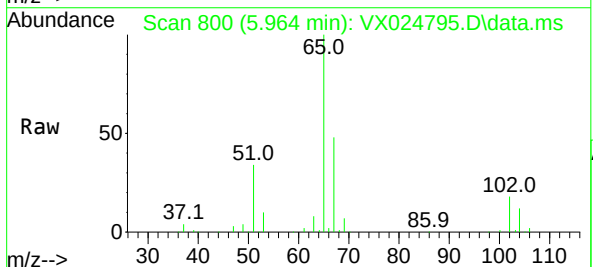
Instrument :
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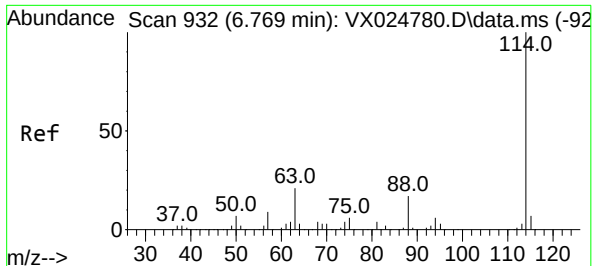
Tgt Ion: 56 Resp: 2885
Ion Ratio Lower Upper
56 100
69 190.3 24.2 36.2#
84 128.7 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 62.028 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion: 65 Resp: 103557
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.0

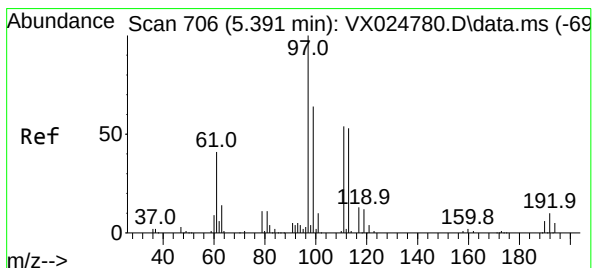
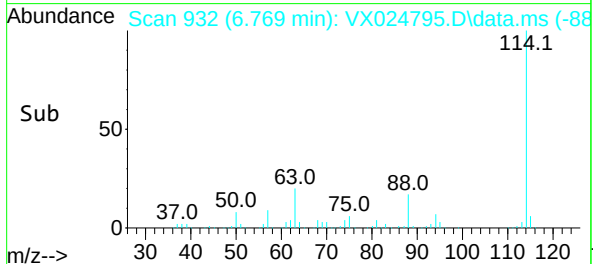
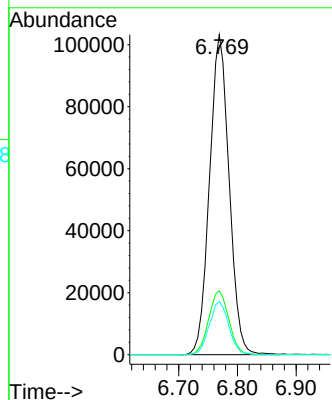
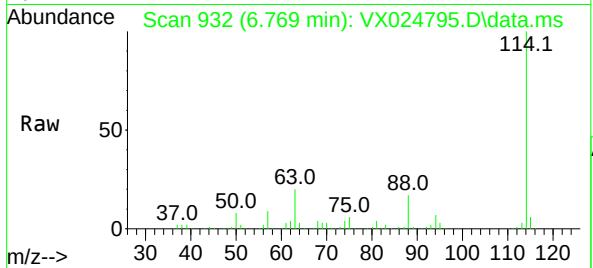




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

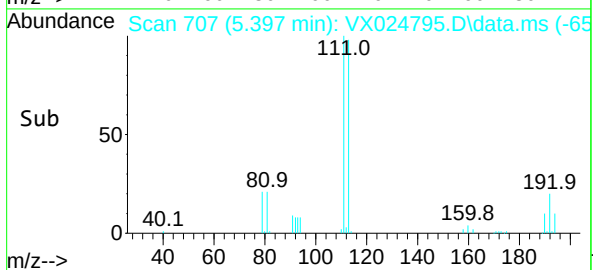
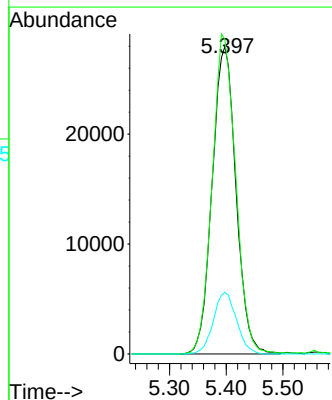
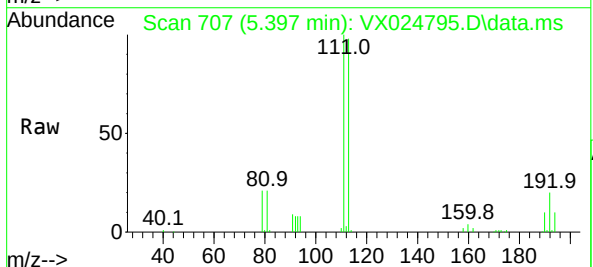
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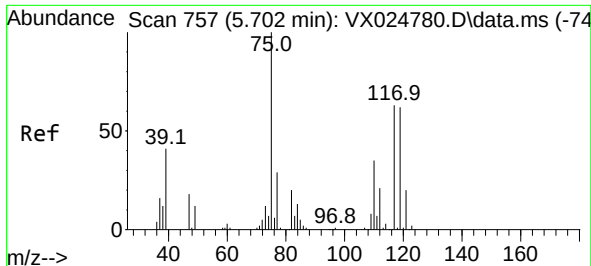
Tgt Ion:114 Resp: 239095
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.0
88 16.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 57.261 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion:113 Resp: 81504
Ion Ratio Lower Upper
113 100
111 102.8 82.1 123.1
192 19.5 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 5.556 min Scan# 733

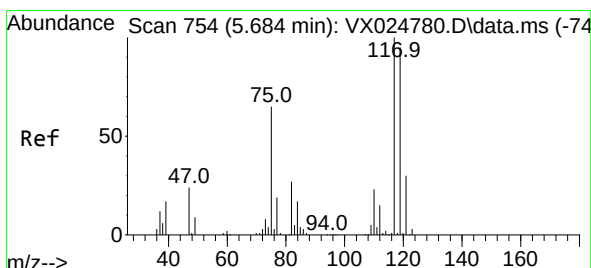
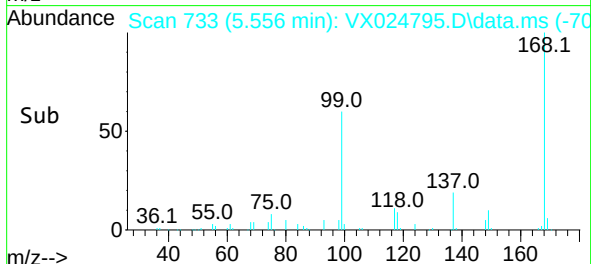
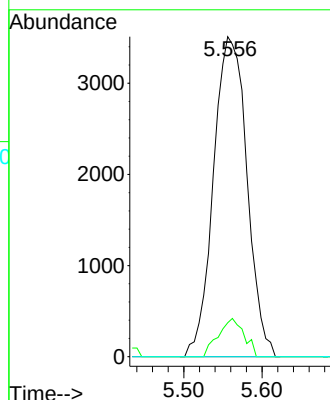
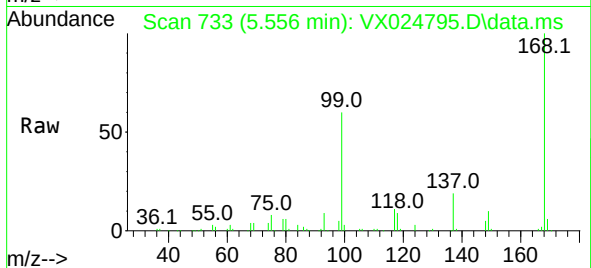
Delta R.T. -0.146 min

Lab File: VX024795.D

Acq: 13 Oct 2021 19:58

Tgt Ion: 75	Resp: 10425
Ion Ratio	Lower Upper
75 100	
110 9.2	18.1 54.3#
77 0.0	24.4 36.6#

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE



#38

Carbon Tetrachloride

Concen: 6.167 ug/l

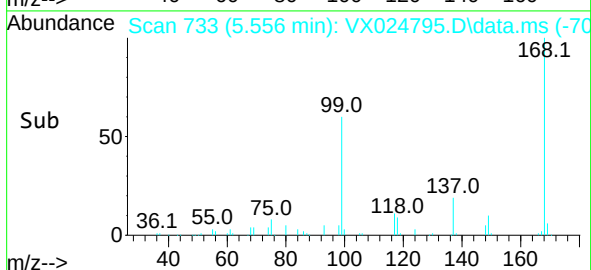
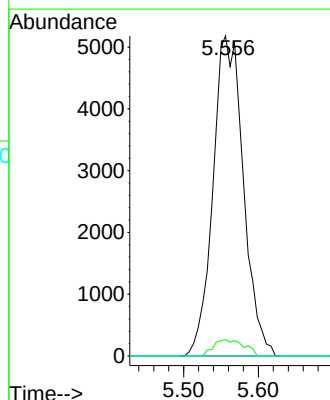
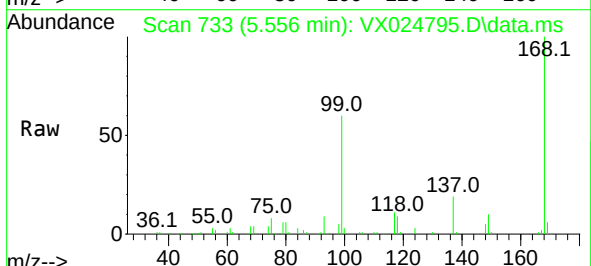
RT: 5.556 min Scan# 733

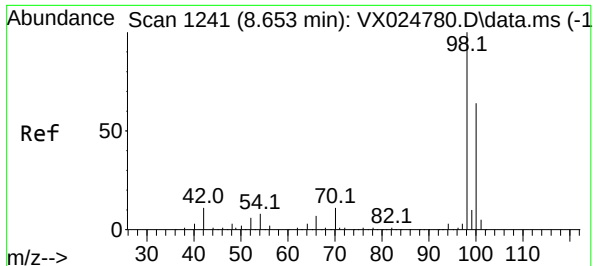
Delta R.T. -0.128 min

Lab File: VX024795.D

Acq: 13 Oct 2021 19:58

Tgt Ion: 117	Resp: 14621
Ion Ratio	Lower Upper
117 100	
119 5.1	75.6 113.4#
121 0.0	23.7 35.5#

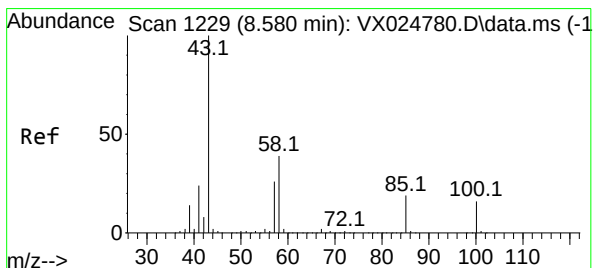
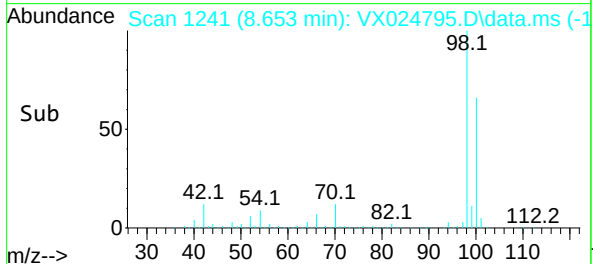
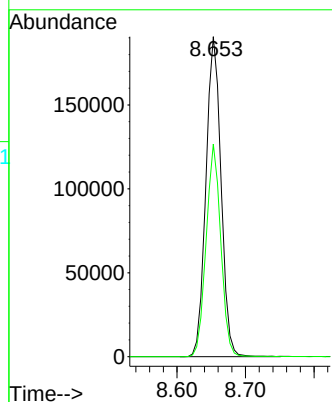
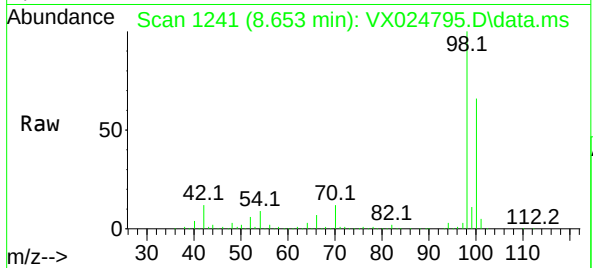




#50
Toluene-d8
Concen: 55.647 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

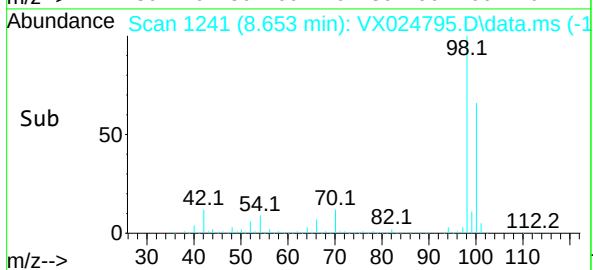
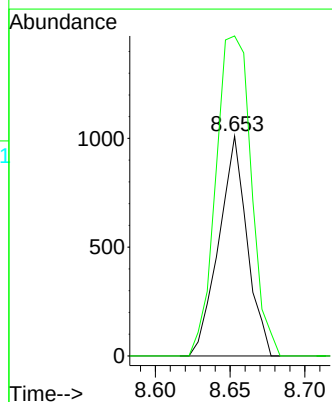
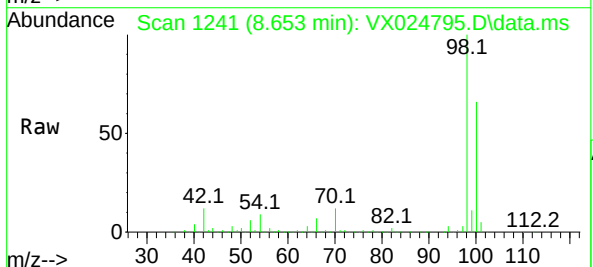
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

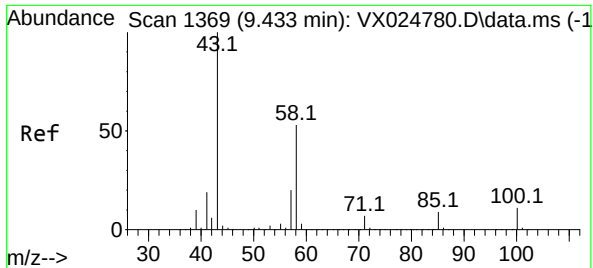
Tgt Ion: 98 Resp: 292987
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 182.2 30.9 46.3#

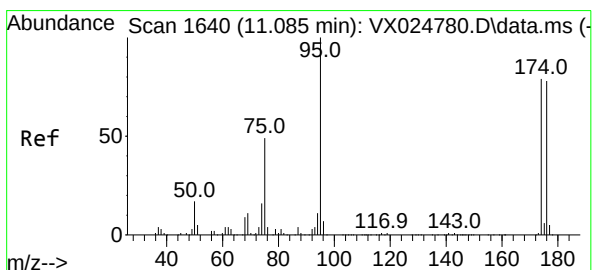
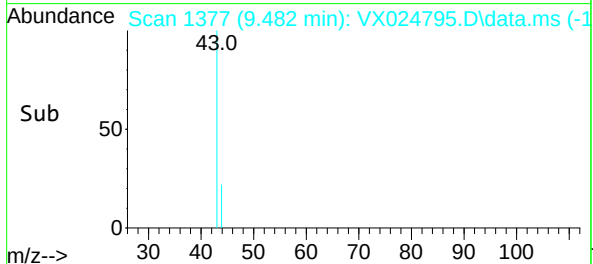
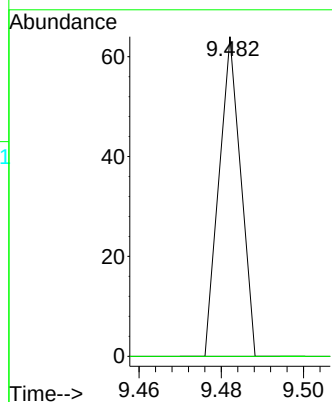
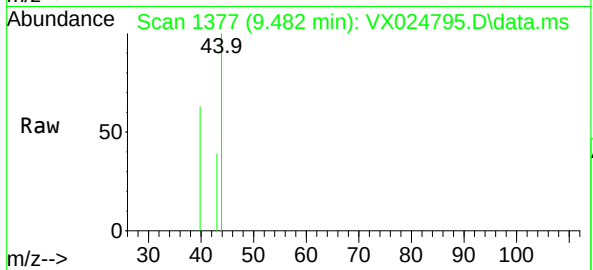




#59
2-Hexanone
Concen: Below Cal
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

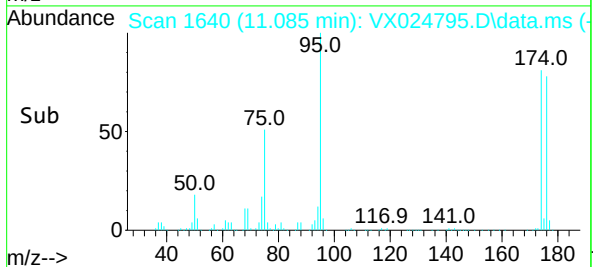
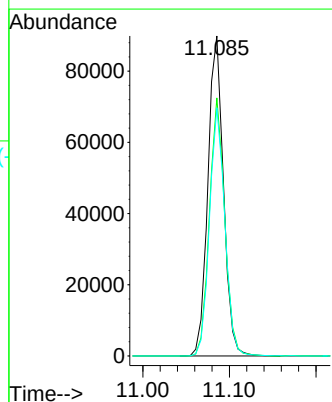
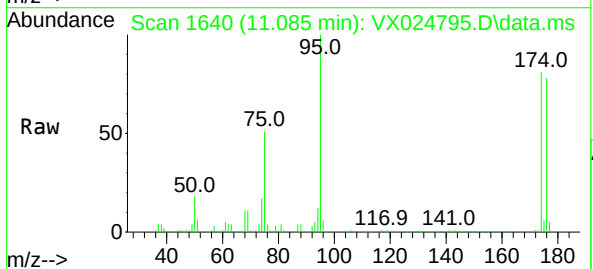
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

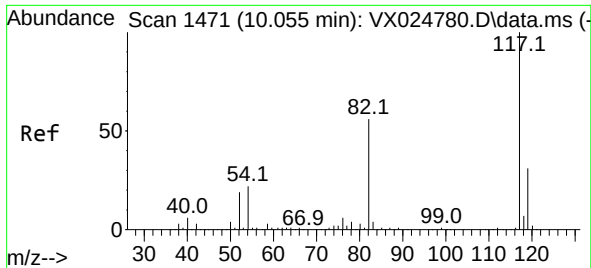
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#62
4-Bromofluorobenzene
Concen: 54.134 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion: 95 Resp: 112100
Ion Ratio Lower Upper
95 100
174 79.2 0.0 158.0
176 76.6 0.0 153.6

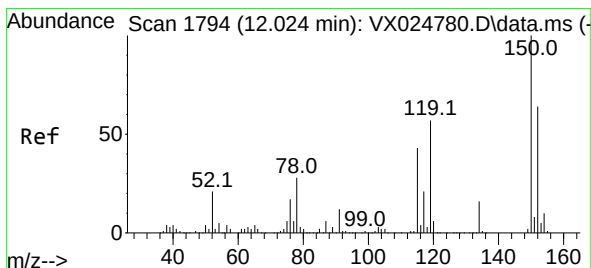
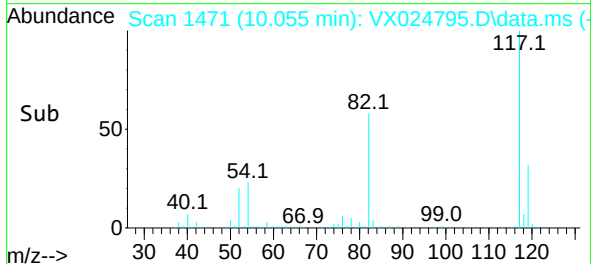
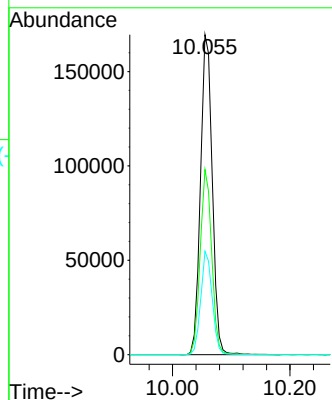
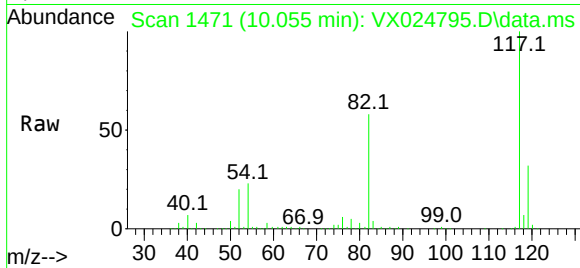




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

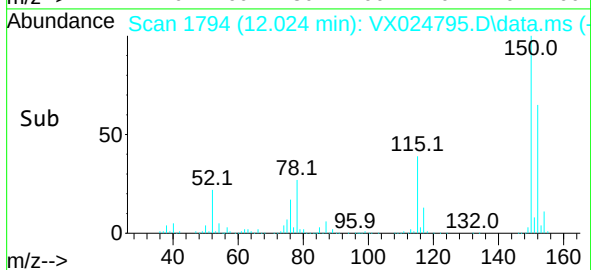
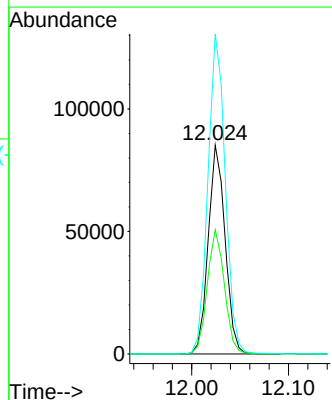
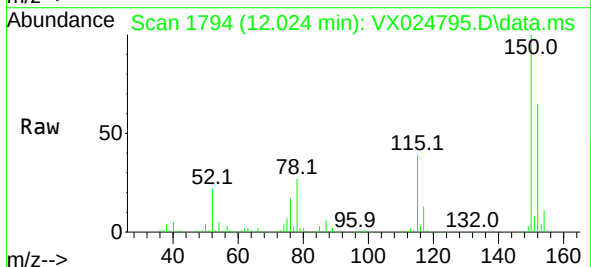
Instrument :
MSVOA_X
ClientSampleId :
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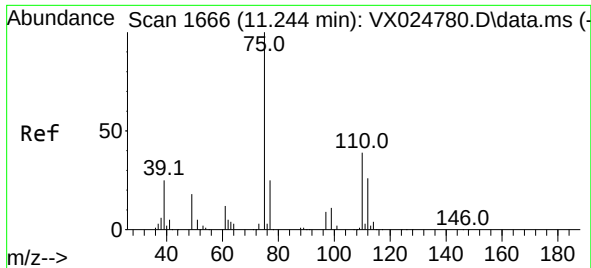
Tgt Ion:117 Resp: 236038
Ion Ratio Lower Upper
117 100
82 57.8 44.6 67.0
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Tgt Ion:152 Resp: 103902
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.8
150 156.7 0.0 351.2

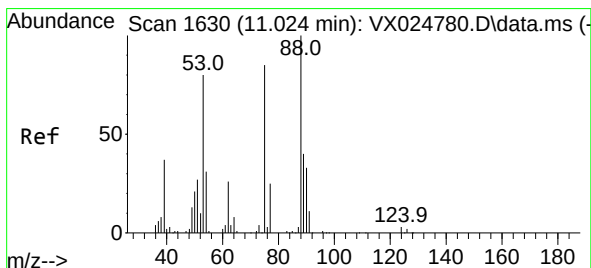
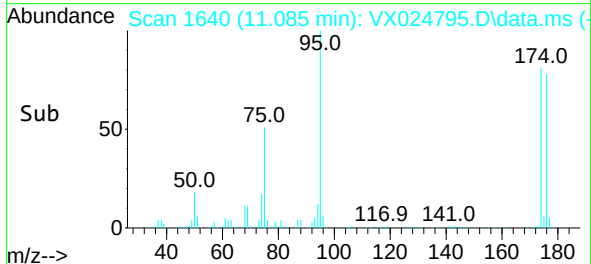
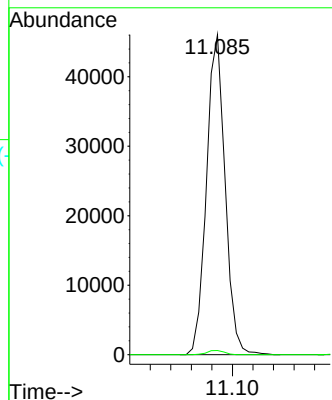
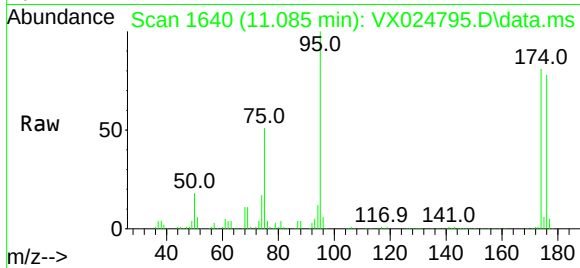




#76
1,2,3-Trichloropropane
Concen: 26.729 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

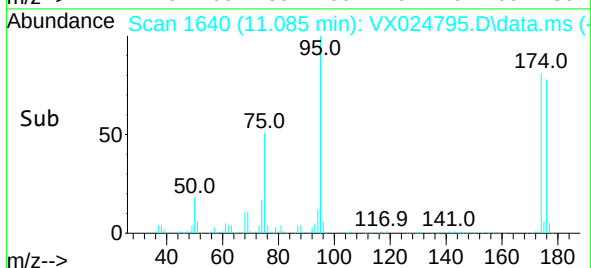
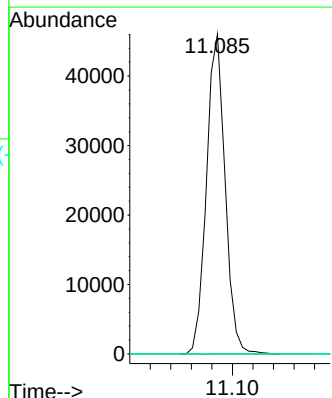
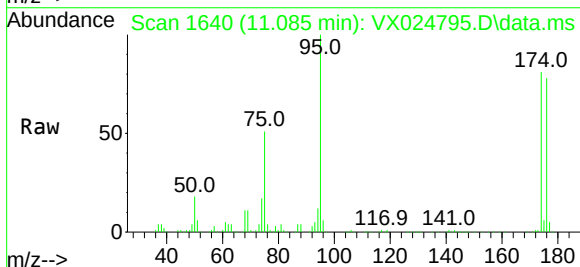
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

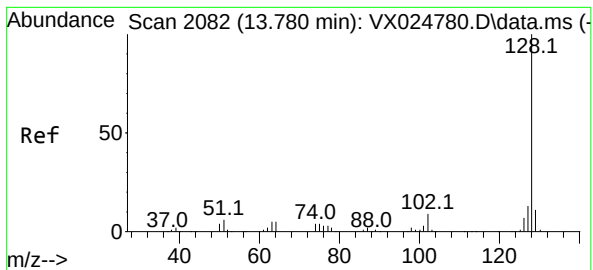
Tgt Ion: 75 Resp: 57940
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.954 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

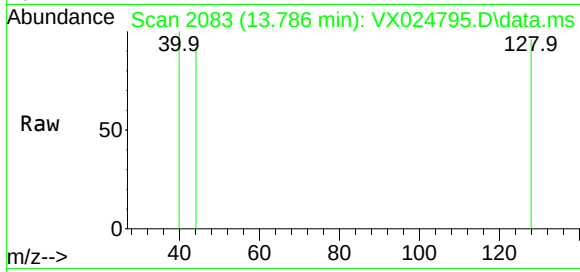
Tgt Ion: 75 Resp: 57940
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.268 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024795.D
Acq: 13 Oct 2021 19:58

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE



Tgt Ion:128 Resp: 101
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

