

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024815.D
 Acq On : 14 Oct 2021 15:41
 Operator : JC/MD
 Sample : M4190-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKRE

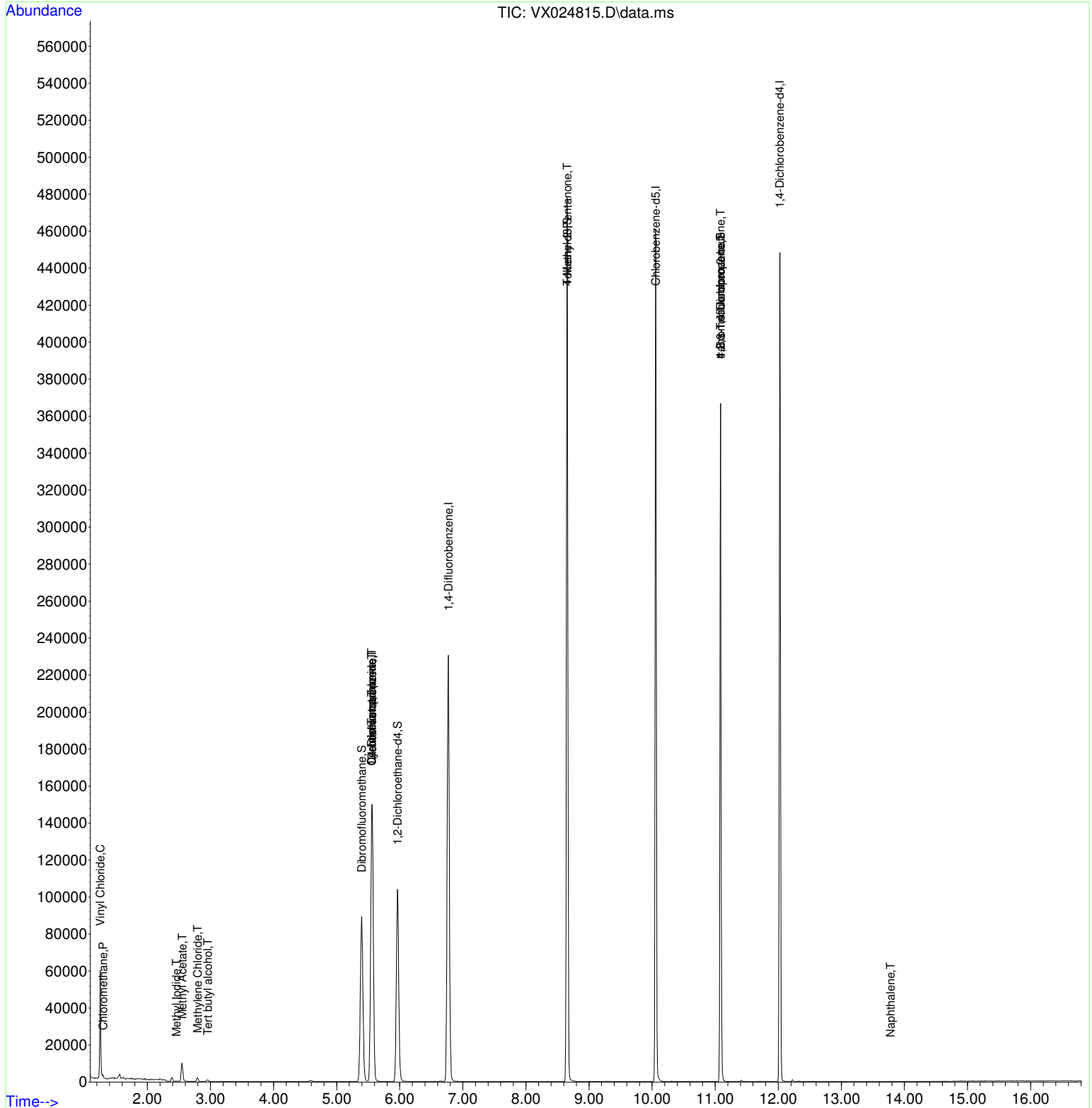
Quant Time: Oct 14 16:03:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

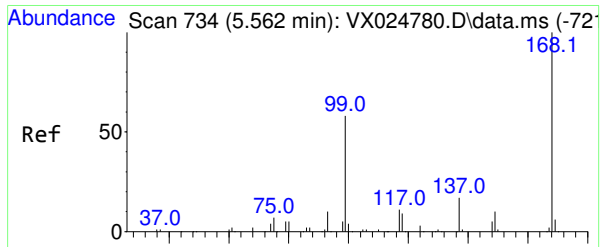
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	142082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104045	59.58	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 119.16%#			
35) Dibromofluoromethane	5.397	113	77087	56.30	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.60%			
50) Toluene-d8	8.652	98	277658	54.82	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.64%			
62) 4-Bromofluorobenzene	11.085	95	96049	48.22	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.44%			
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	674	0.51	ug/l	89
4) Vinyl Chloride	1.251	62	407	0.30	ug/l #	1
5) Bromomethane	1.581	94	20	Below Cal	#	3
10) Methyl Iodide	2.458	142	263	1.07	ug/l #	87
11) Tert butyl alcohol	2.958	59	722	1.96	ug/l #	72
16) Acetone	2.385	43	2257	Below Cal		95
18) Methyl Acetate	2.550	43	3248	1.13	ug/l #	52
20) Methylene Chloride	2.794	84	956	0.65	ug/l #	93
31) Cyclohexane	5.555	56	2917	1.25	ug/l #	14
36) 1,1-Dichloropropene	5.555	75	11088	5.45	ug/l #	50
38) Carbon Tetrachloride	5.555	117	14894	6.53	ug/l #	17
51) 4-Methyl-2-Pentanone	8.652	43	1074	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	48344	24.98	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	48344	67.32	ug/l #	9
95) Naphthalene	13.780	128	52	0.26	ug/l #	69

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

Quant Time: Oct 14 16:03:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

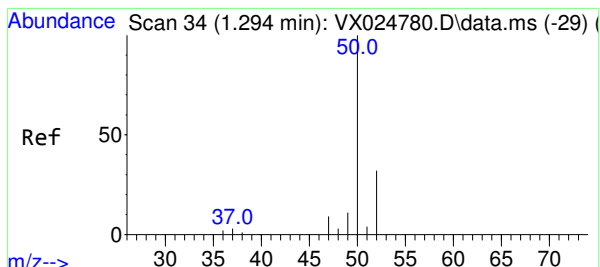
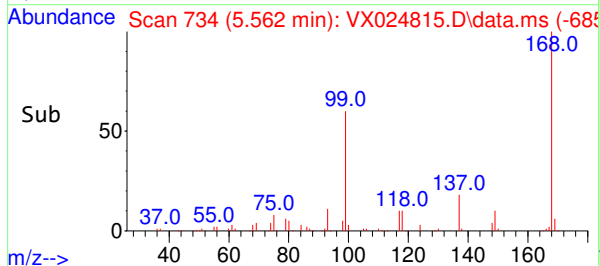
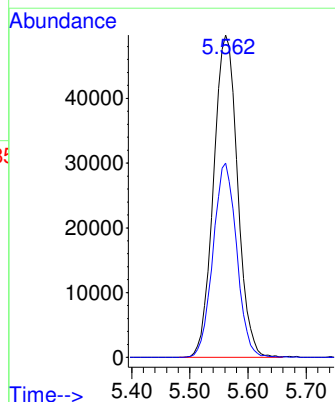
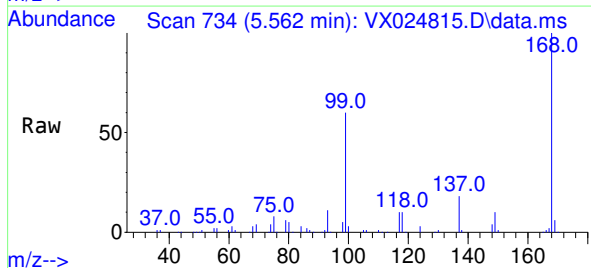




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

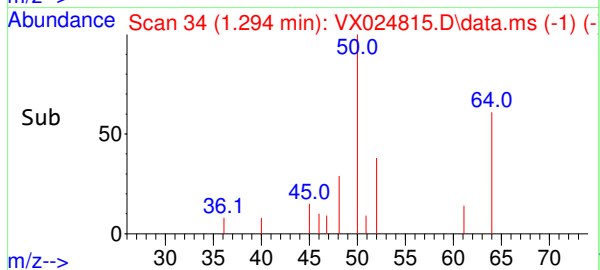
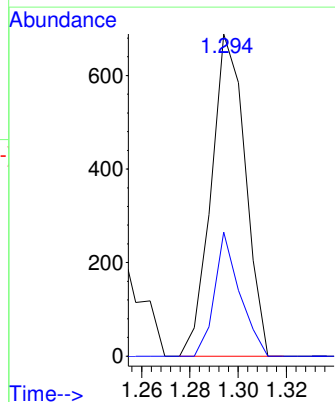
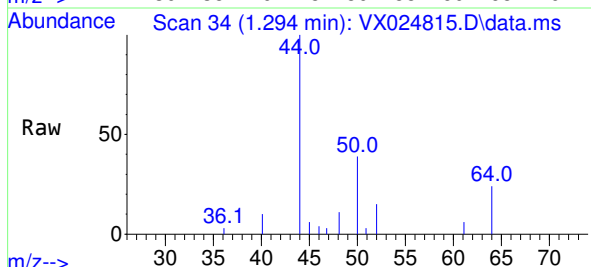
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

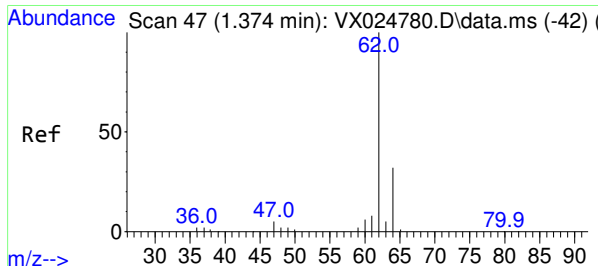
Tgt Ion:168 Resp: 142082
Ion Ratio Lower Upper
168 100
99 60.2 46.4 69.6



#3
Chloromethane
Concen: 0.51 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion: 50 Resp: 674
Ion Ratio Lower Upper
50 100
52 38.5 25.9 38.9

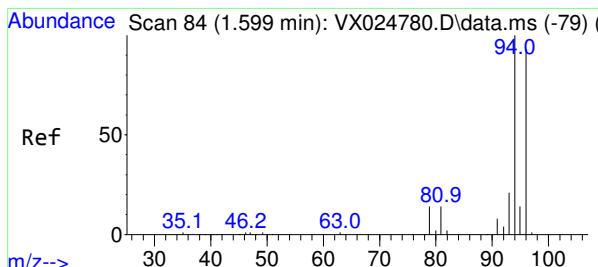
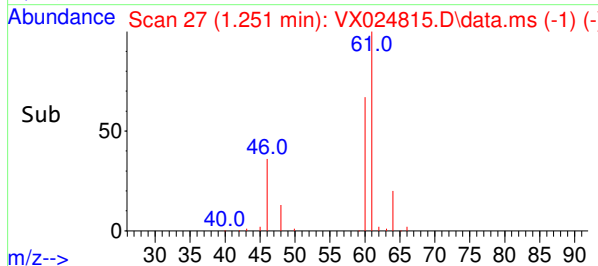
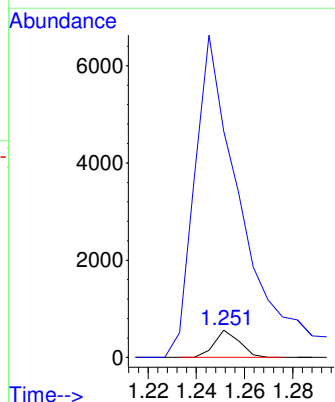
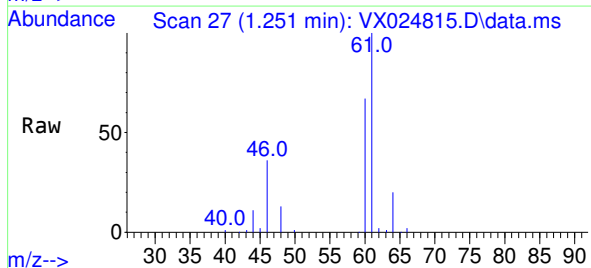




#4
Vinyl Chloride
Concen: 0.30 ug/l
RT: 1.251 min Scan# 27
Delta R.T. -0.122 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

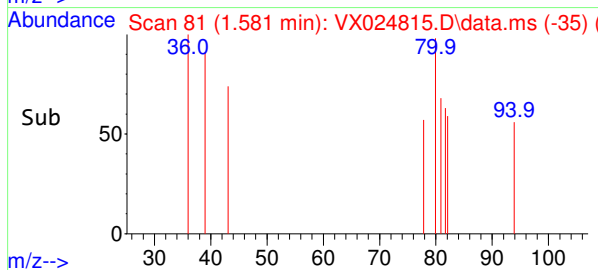
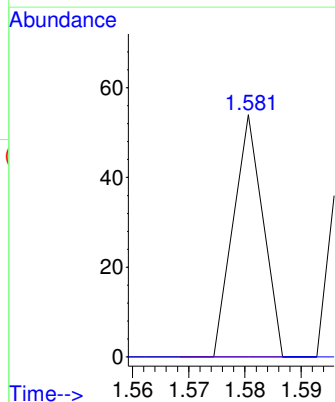
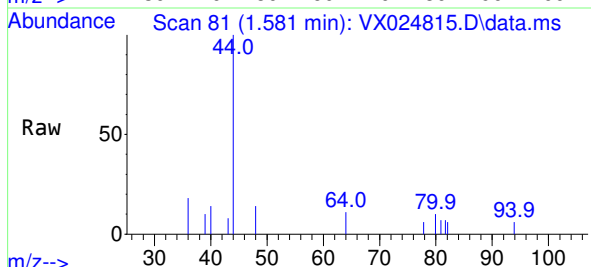
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANKRE

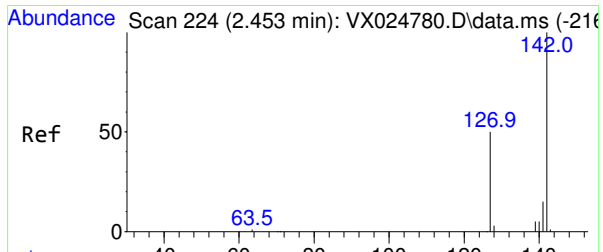
Tgt Ion: 62 Resp: 407
Ion Ratio Lower Upper
62 100
64 736.3 26.0 39.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

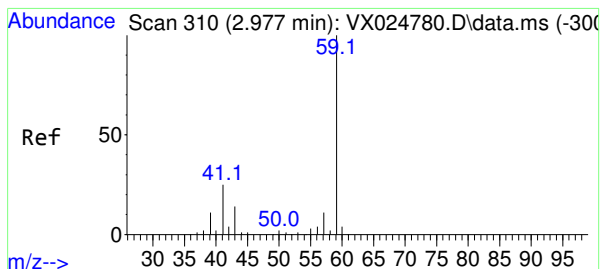
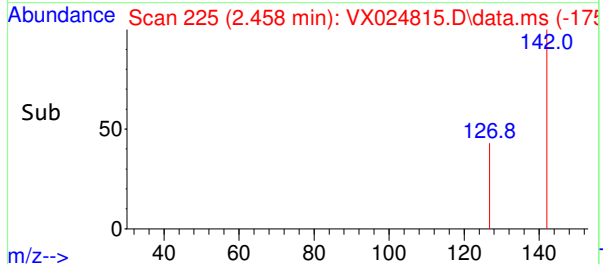
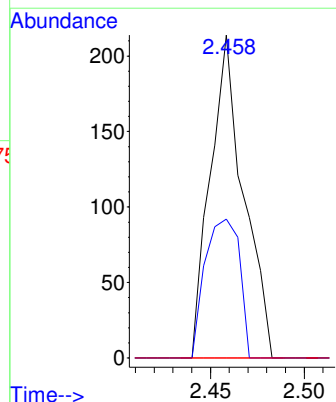
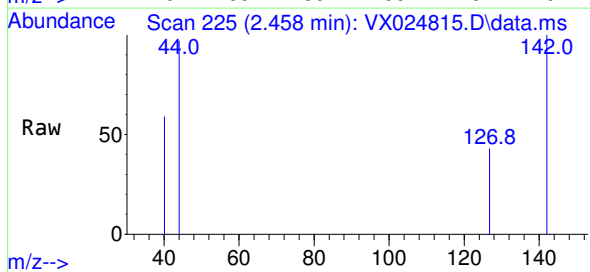




#10
Methyl Iodide
Concen: 1.07 ug/l
RT: 2.458 min Scan# 225
Delta R.T. 0.005 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

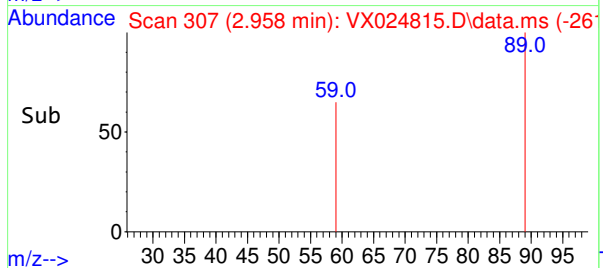
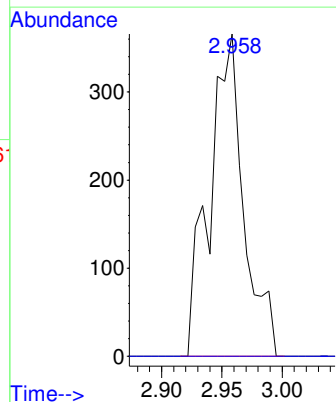
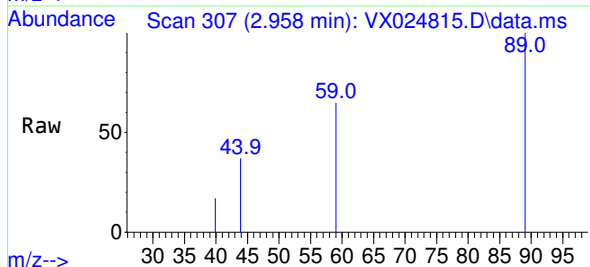
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

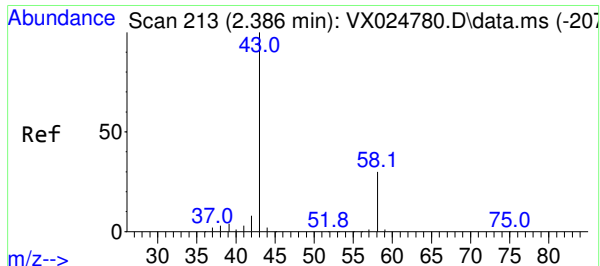
Tgt Ion:	142	Resp:	263
Ion	Ratio	Lower	Upper
142	100		
127	44.5	38.9	58.3
141	0.0	11.7	17.5#



#11
Tert butyl alcohol
Concen: 1.96 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.019 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion:	59	Resp:	722
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

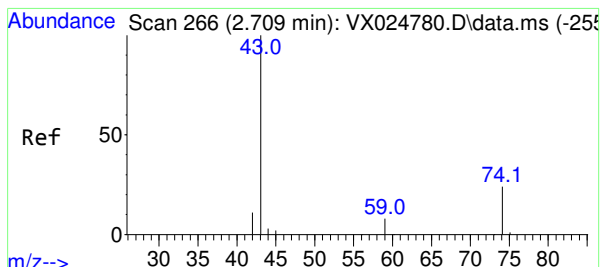
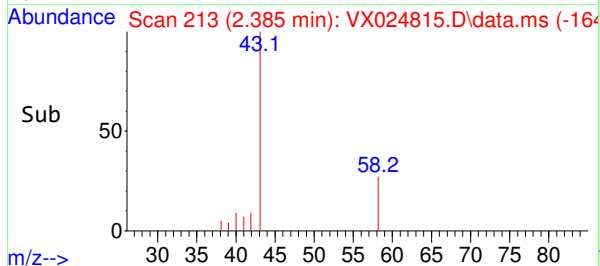
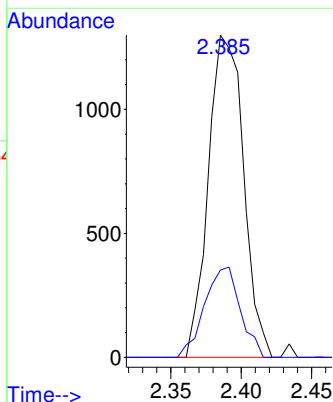
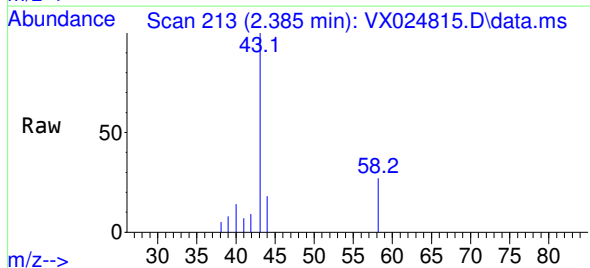




#16
Acetone
Concen: Below Cal
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

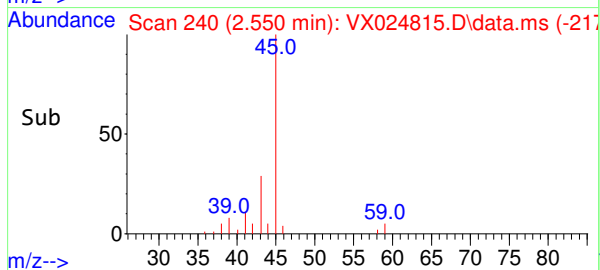
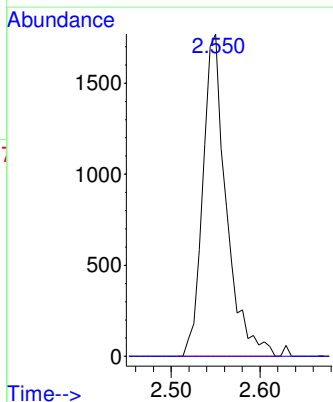
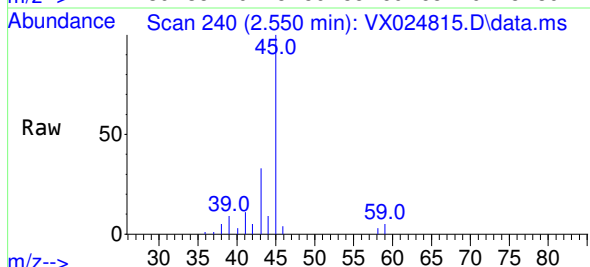
Instrument :
MSVOA_X
ClientSampleId :
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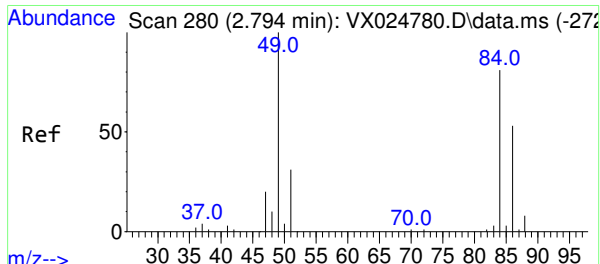
Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
58 27.1 24.0 36.0



#18
Methyl Acetate
Concen: 1.13 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion: 43 Resp: 3248
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

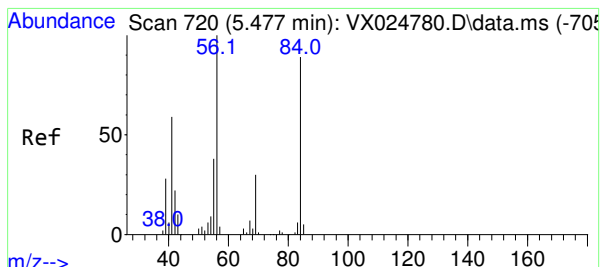
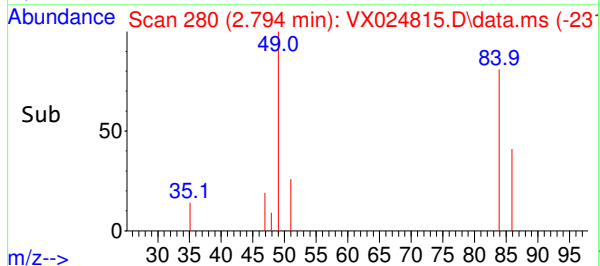
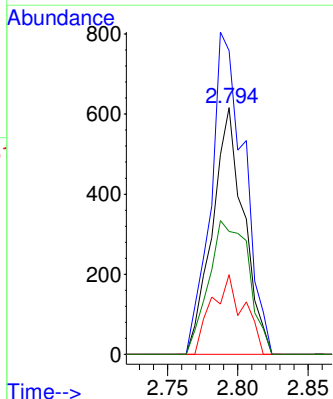
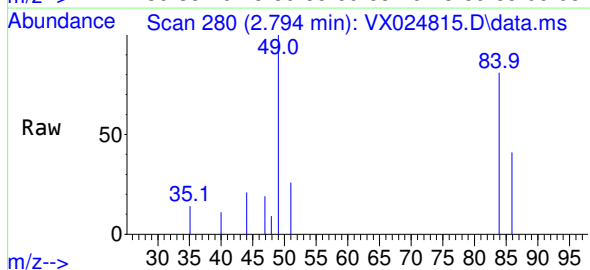




#20
Methylene Chloride
Concen: 0.65 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

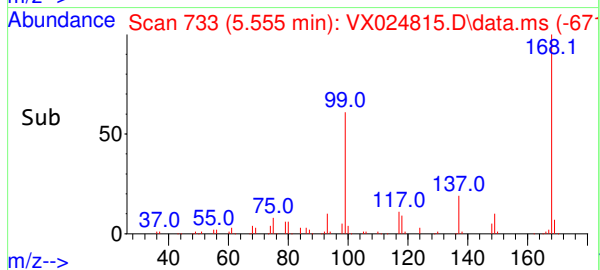
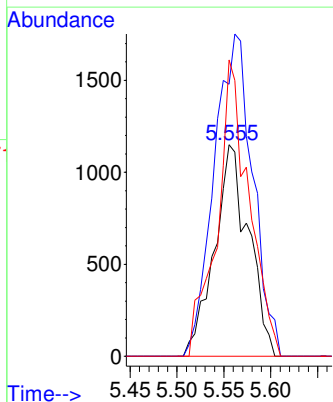
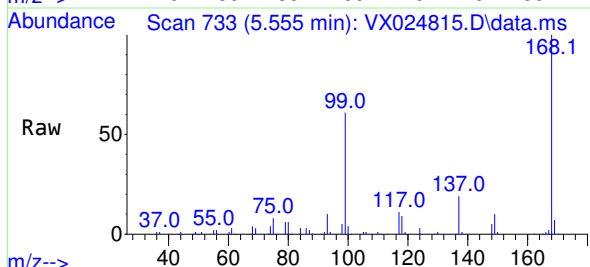
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ClientSampleId :
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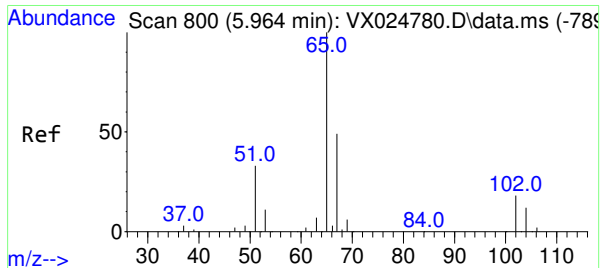
Tgt Ion:	84	Resp:	956
Ion	Ratio	Lower	Upper
84	100		
49	123.1	98.2	147.2
51	32.3	30.2	45.4
86	49.8	52.2	78.2#



#31
Cyclohexane
Concen: 1.25 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion:	56	Resp:	2917
Ion	Ratio	Lower	Upper
56	100		
69	128.5	24.2	36.2#
84	140.1	71.5	107.3#

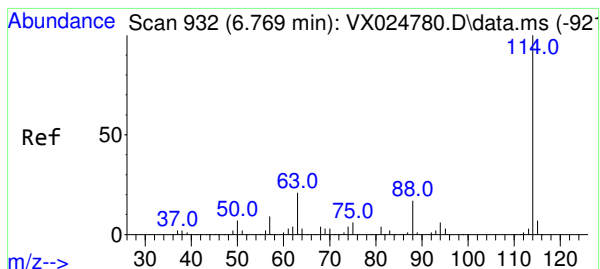
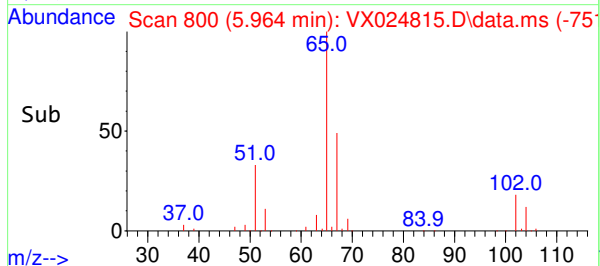
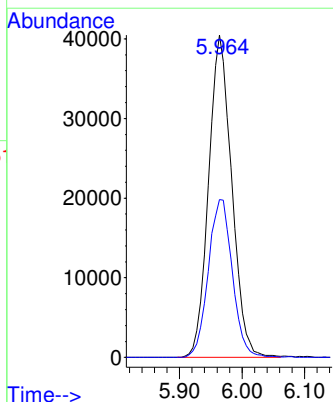
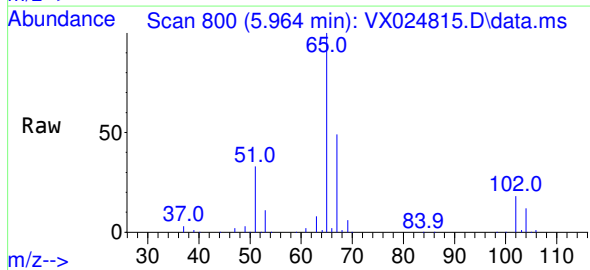




#33
1,2-Dichloroethane-d4
Concen: 59.58 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

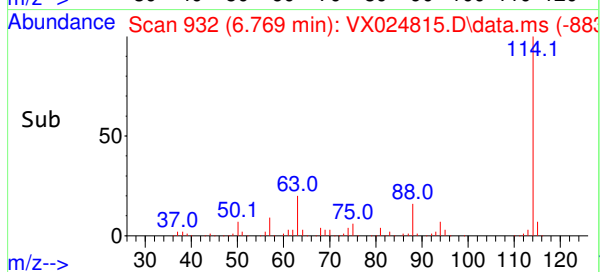
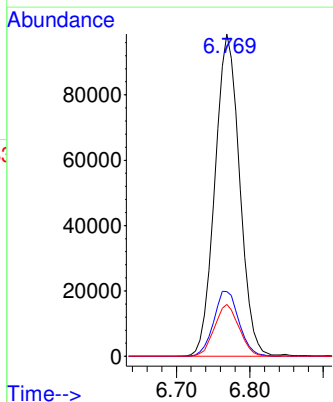
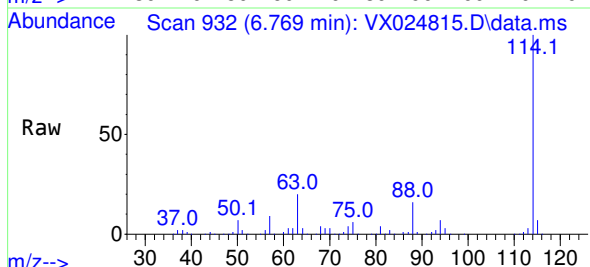
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ClientSampleId :
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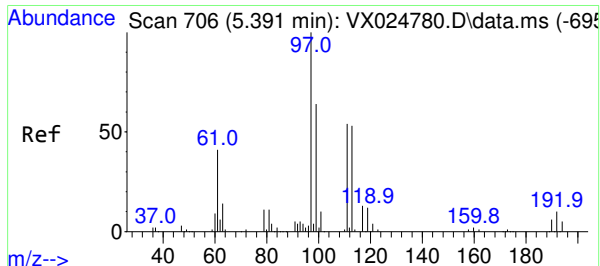
Tgt Ion: 65 Resp: 104045
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion: 114 Resp: 229985
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.0
88 16.1 0.0 34.8

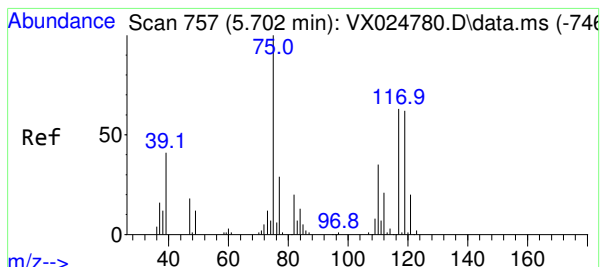
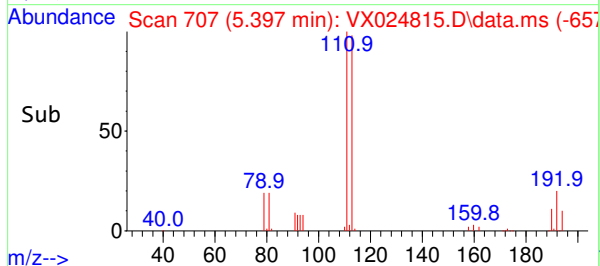
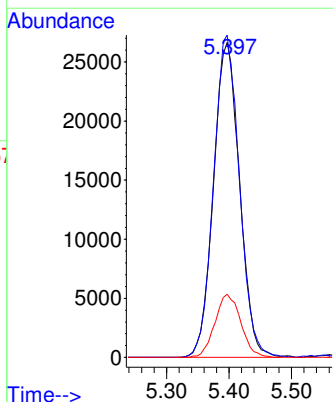
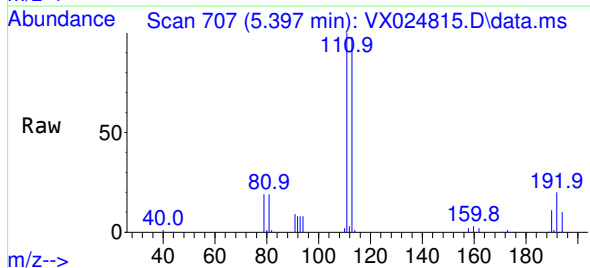




#35
Dibromofluoromethane
Concen: 56.30 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

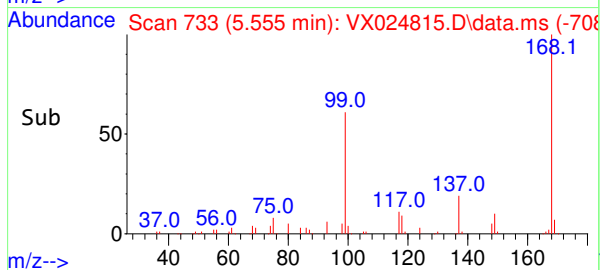
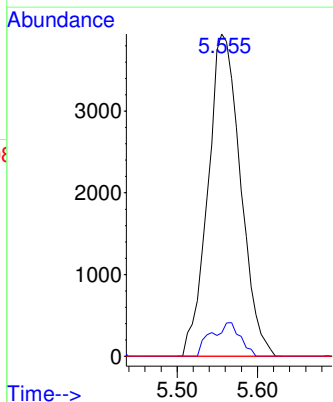
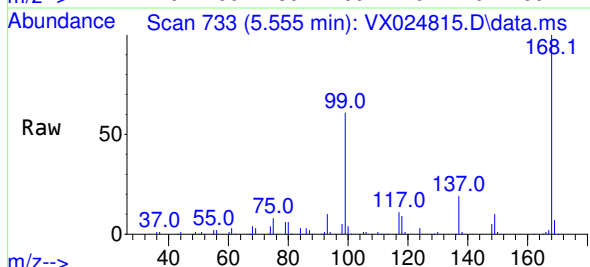
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

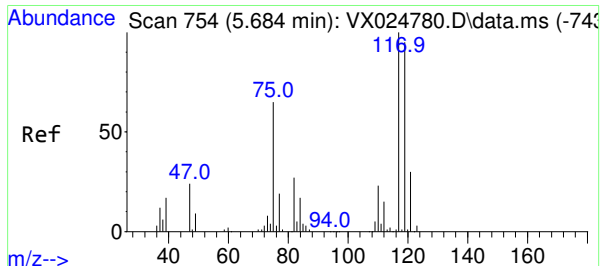
Tgt Ion:	113	Resp:	77087
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.1	123.1
192	19.9	15.6	23.4



#36
1,1-Dichloropropene
Concen: 5.45 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.147 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion:	75	Resp:	11088
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.3#
77	0.0	24.4	36.6#

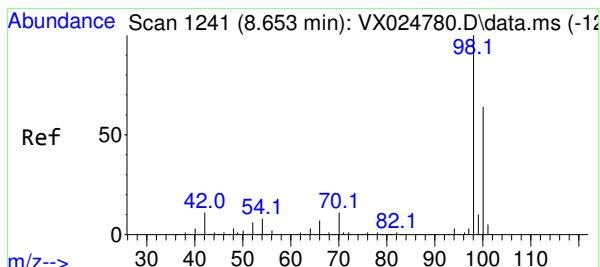
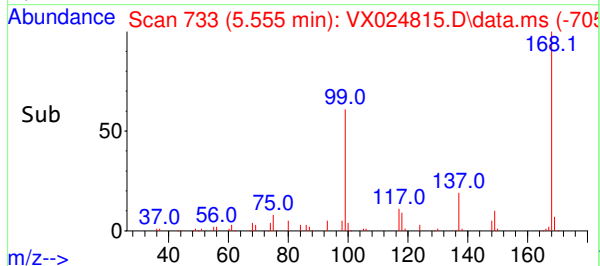
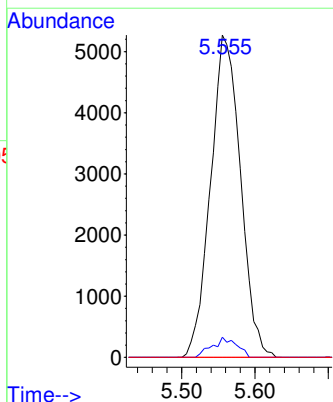
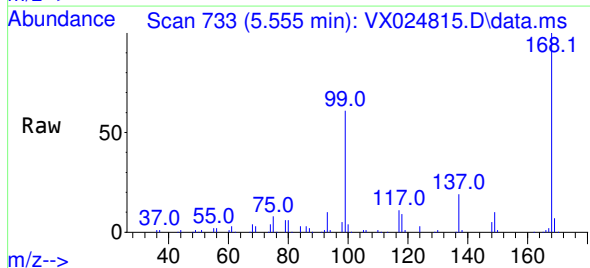




#38
Carbon Tetrachloride
Concen: 6.53 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

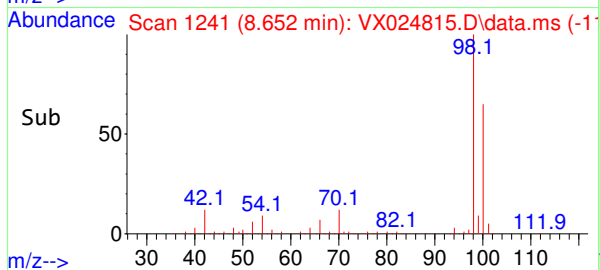
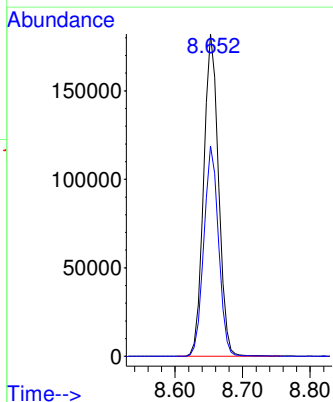
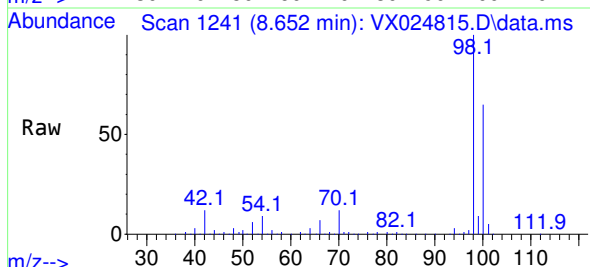
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

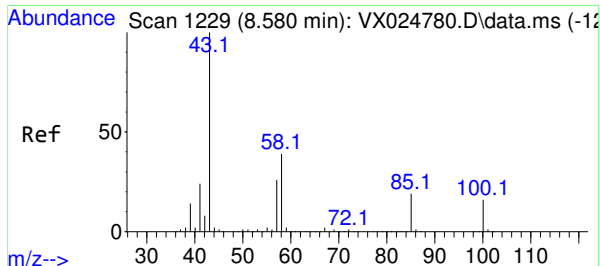
Tgt Ion:117 Resp: 14894
Ion Ratio Lower Upper
117 100
119 6.2 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 54.82 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion: 98 Resp: 277658
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

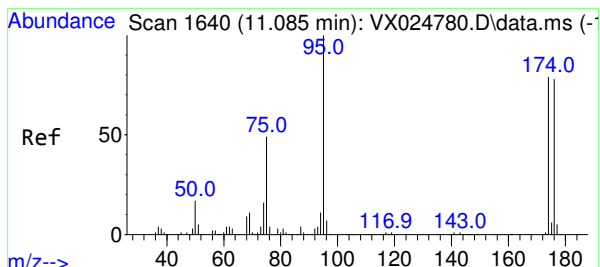
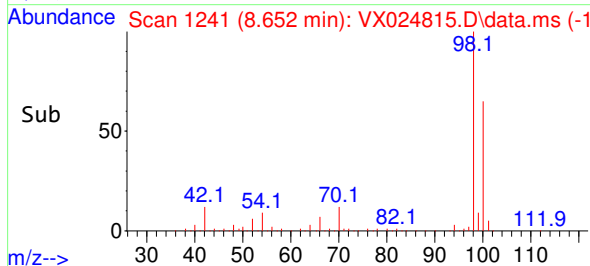
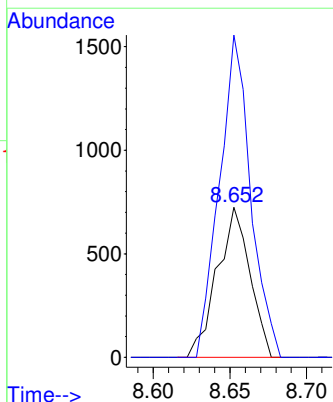
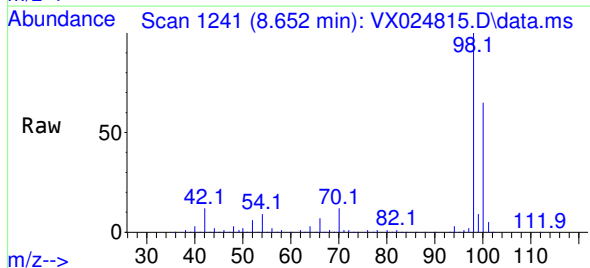




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

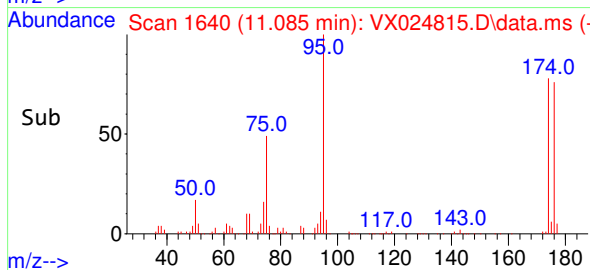
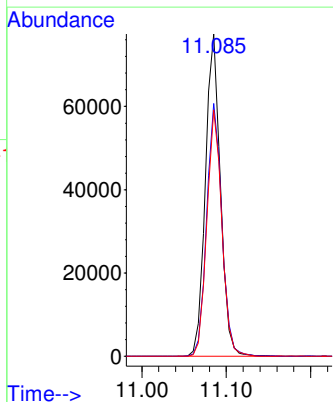
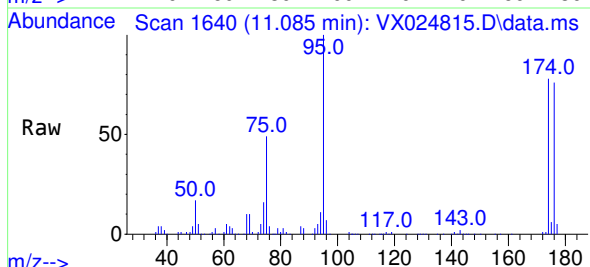
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

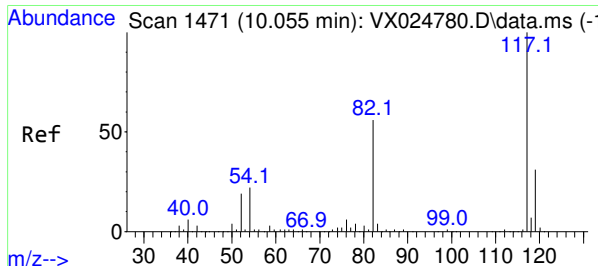
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 204.7 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 48.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion: 95 Resp: 96049
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.0
176 76.2 0.0 153.6

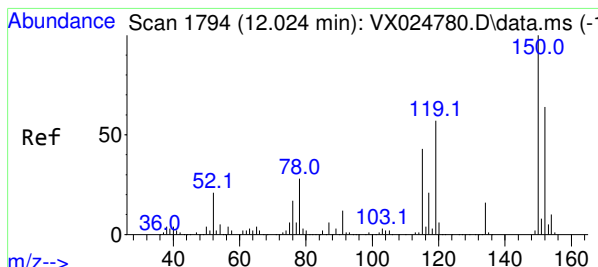
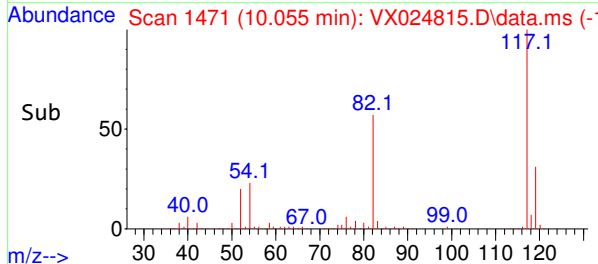
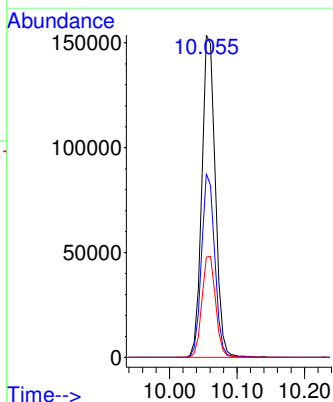
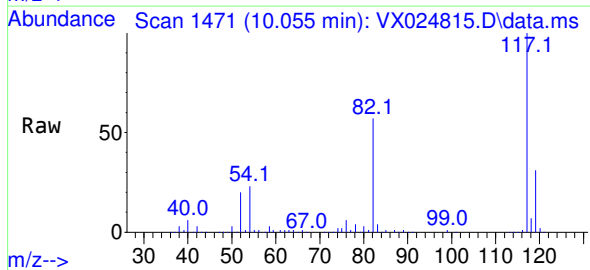




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

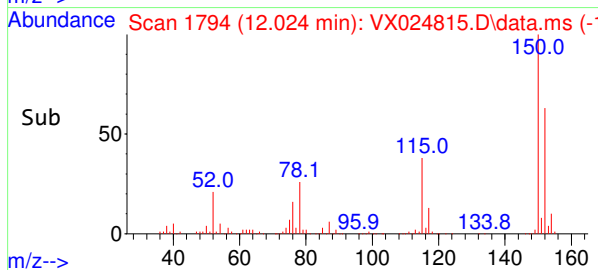
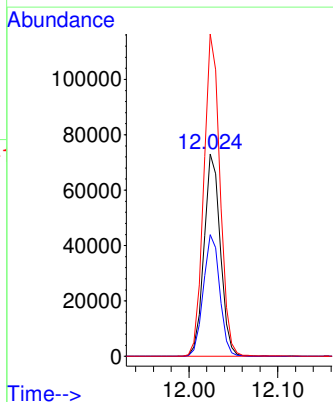
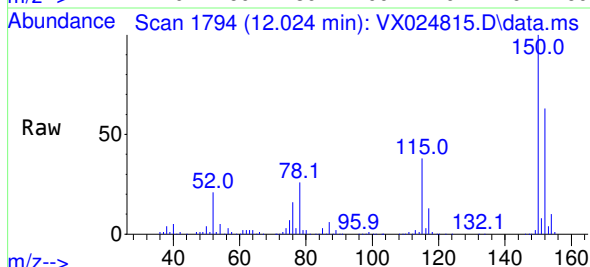
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

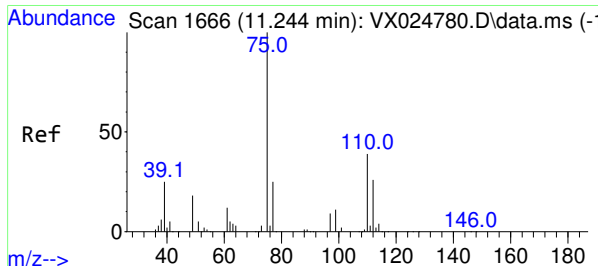
Tgt Ion:117 Resp: 212488
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 31.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion:152 Resp: 92751
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.8
150 158.4 0.0 351.2

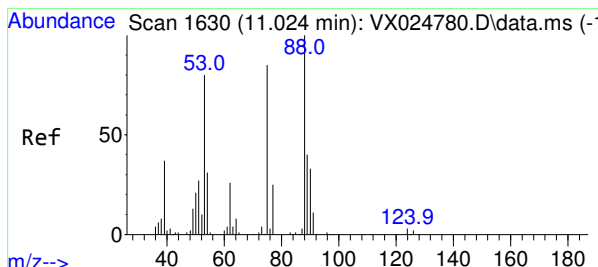
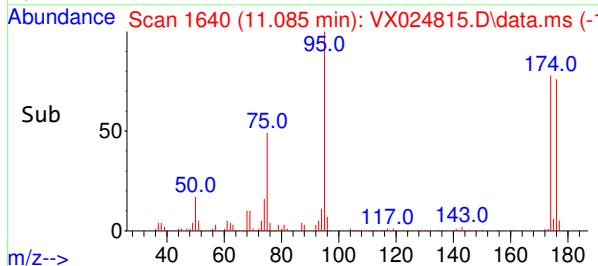
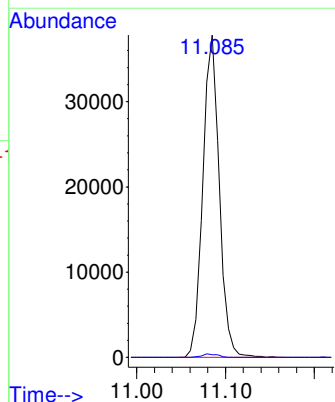
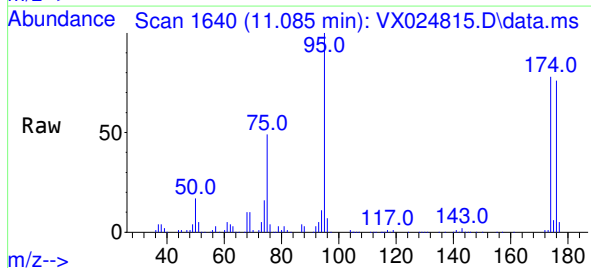




#76
1,2,3-Trichloropropane
Concen: 24.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

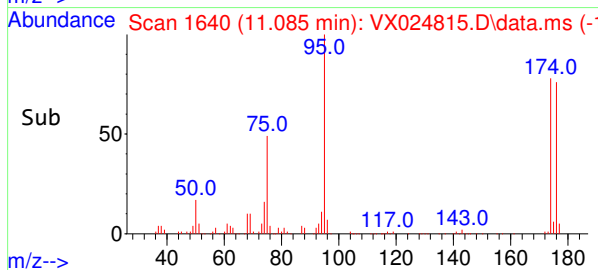
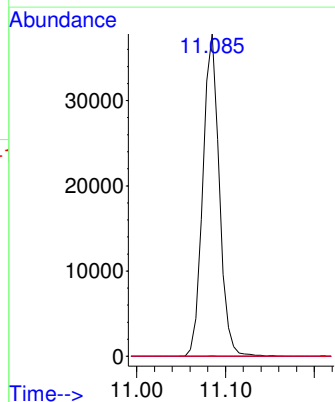
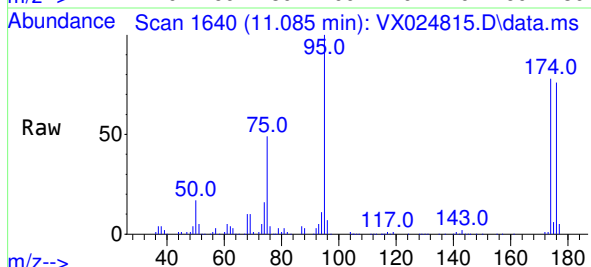
Instrument :
MSVOA_X
ClientSampled :
TRIP-BLANKRE

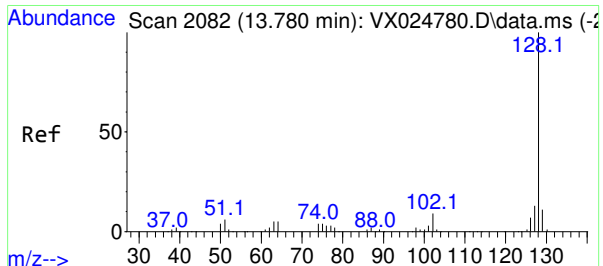
Tgt Ion: 75 Resp: 48344
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.32 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Tgt Ion: 75 Resp: 48344
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.26 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024815.D
Acq: 14 Oct 2021 15:41

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKRE

Tgt Ion:128 Resp: 52
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

