

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024631.D
 Acq On : 06 Oct 2021 20:29
 Operator : JC/MD
 Sample : M4060-01
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-100421

Quant Time: Oct 07 07:49:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

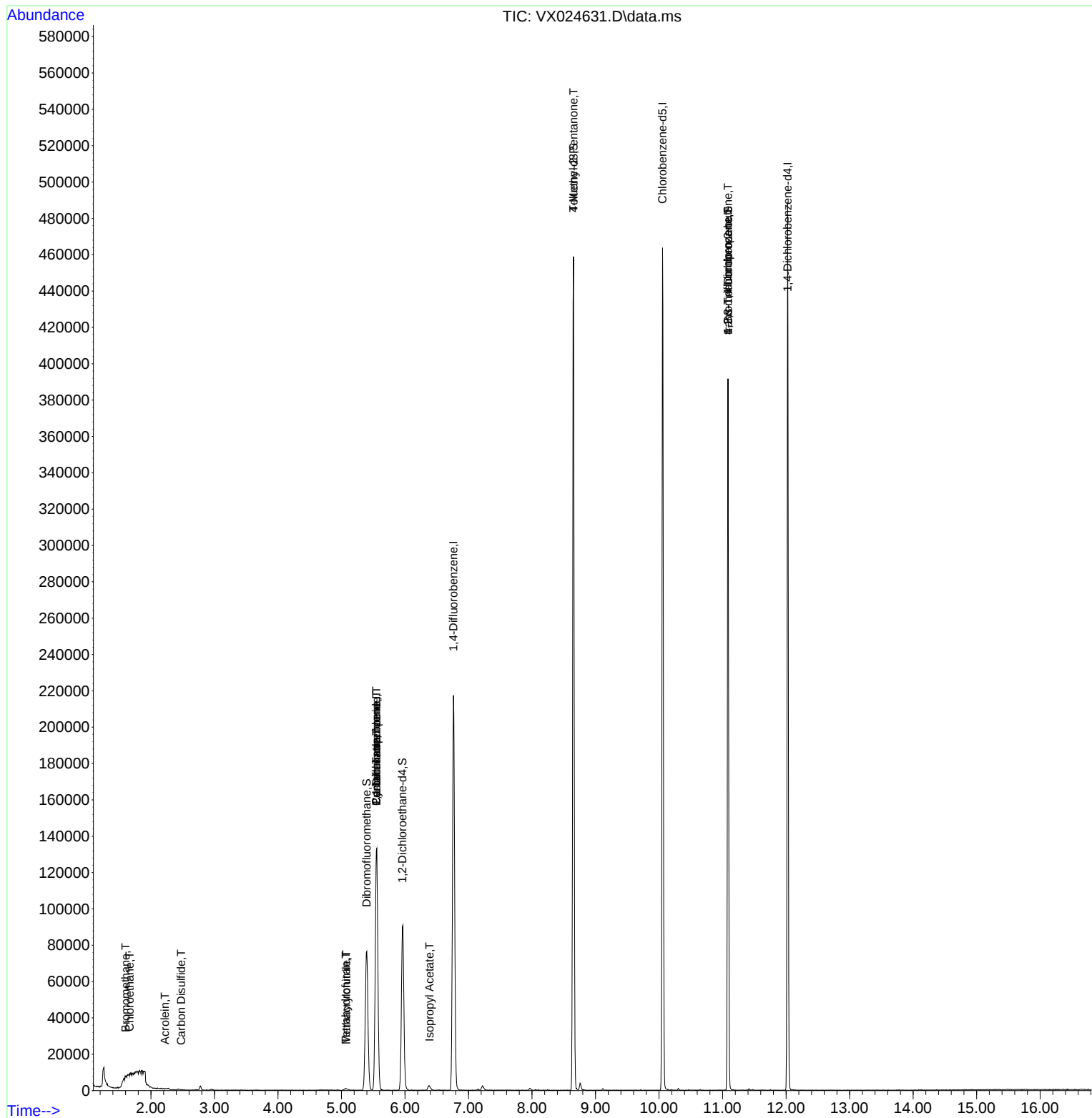
Internal Standards						
1) Pentafluorobenzene	5.550	168	124427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93825	53.50	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.00%			
35) Dibromofluoromethane	5.397	113	67316	46.88	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.76%			
50) Toluene-d8	8.653	98	267932	50.70	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.40%			
62) 4-Bromofluorobenzene	11.085	95	101091	48.65	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.30%			
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	594	0.71	ug/l #	76
6) Chloroethane	1.666	64	248	0.56	ug/l #	43
11) Tert butyl alcohol	2.947	59	429	Below Cal	#	73
13) Acrolein	2.221	56	20	10.26	ug/l #	14
16) Acetone	2.428	43	336	Below Cal	#	40
17) Carbon Disulfide	2.477	76	112	0.27	ug/l #	75
20) Methylene Chloride	2.776	84	976	Below Cal		89
29) Tetrahydrofuran	5.068	42	986	1.28	ug/l #	78
31) Cyclohexane	5.550	56	2741	1.31	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	10451	5.04	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13051	5.79	ug/l #	15
41) Methacrylonitrile	5.074	41	706	0.53	ug/l #	41
43) Isopropyl Acetate	6.385	43	1601	0.41	ug/l #	57
51) 4-Methyl-2-Pentanone	8.653	43	1257	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	53516	24.14	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53516	65.89	ug/l #	12

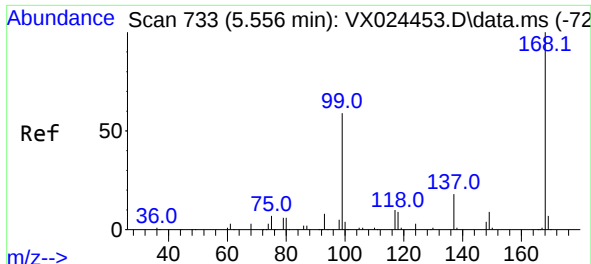
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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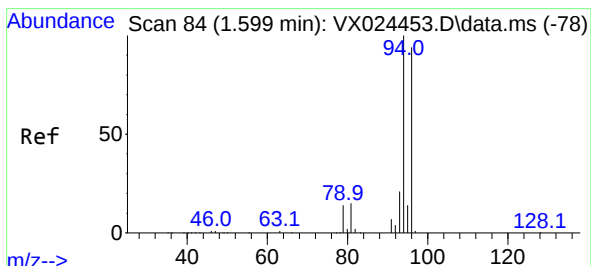
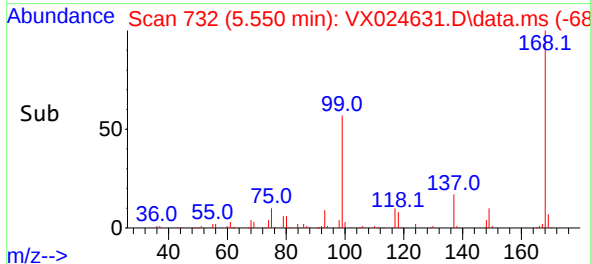
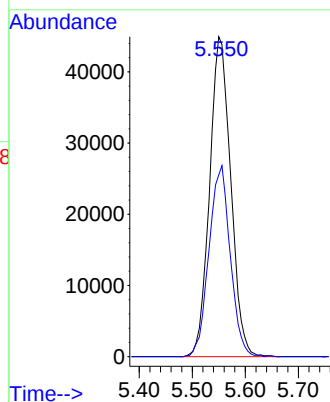
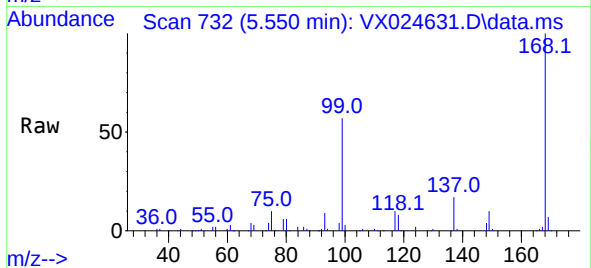




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

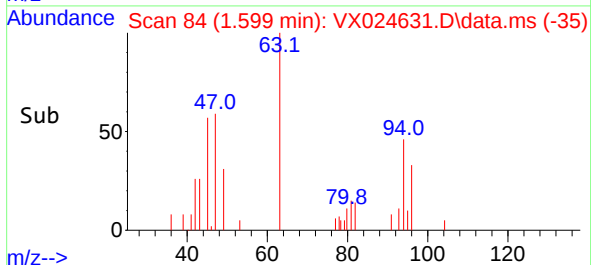
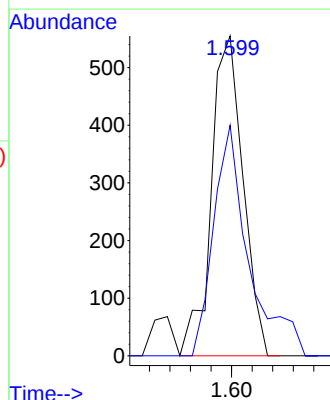
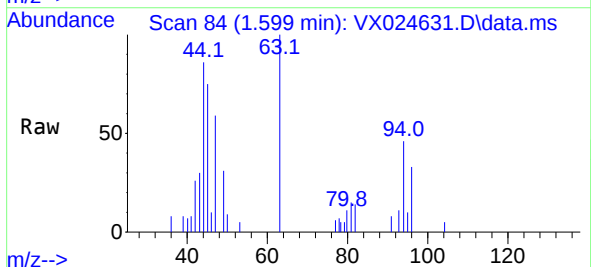
Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

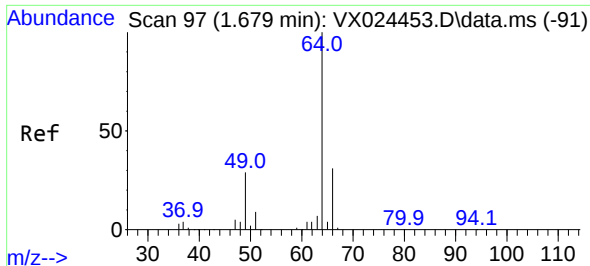
Tgt Ion:168 Resp: 124427
Ion Ratio Lower Upper
168 100
99 56.8 45.8 68.6



#5
Bromomethane
Concen: 0.71 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 72.1 76.4 114.6#

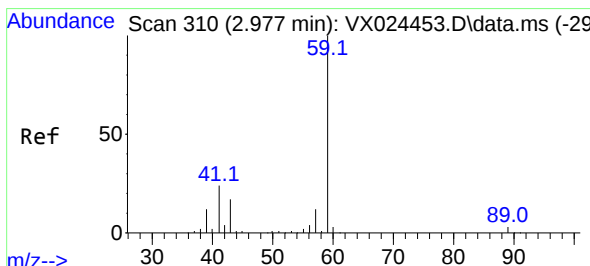
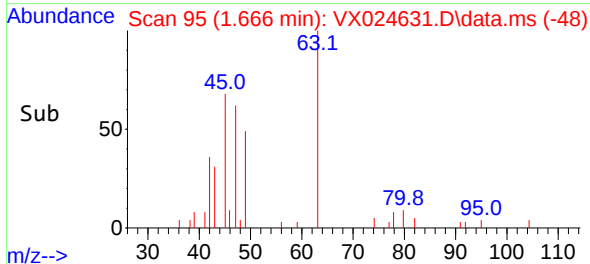
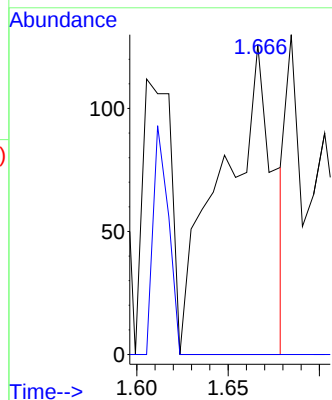
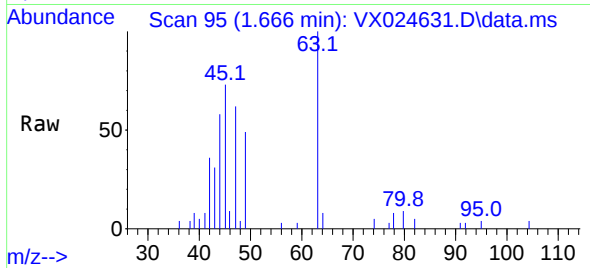




#6
Chloroethane
Concen: 0.56 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

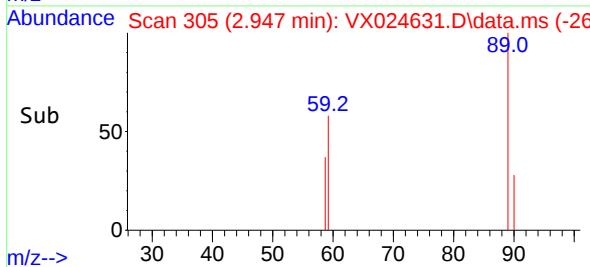
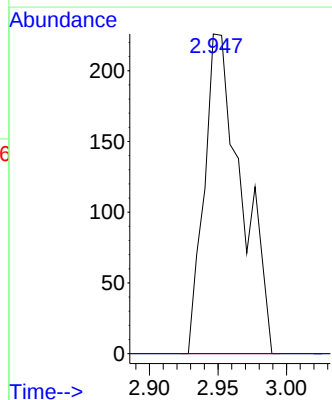
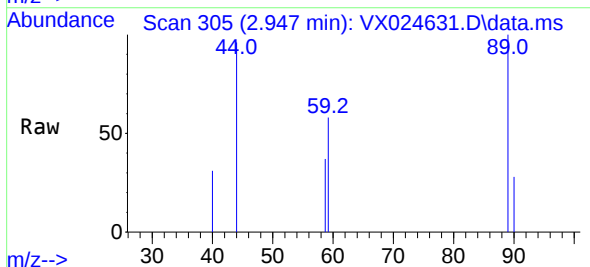
Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

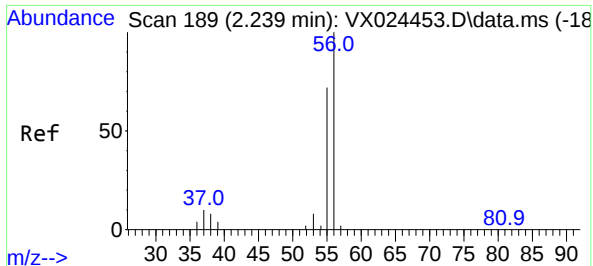
Tgt Ion: 64 Resp: 248
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 59 Resp: 429
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

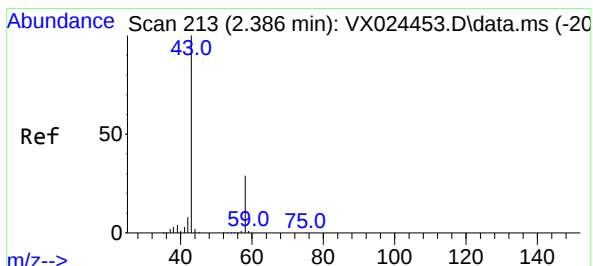
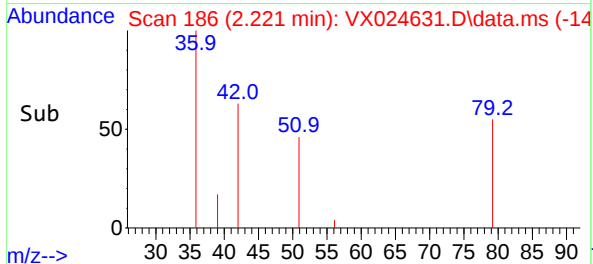
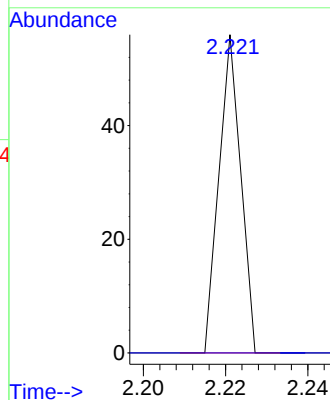
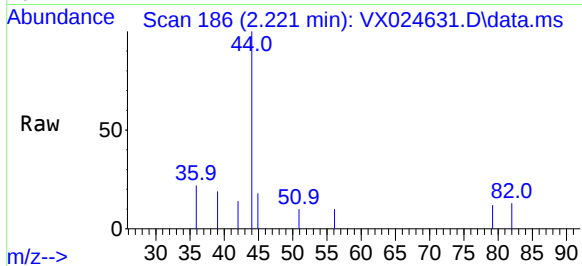




#13
Acrolein
Concen: 10.26 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

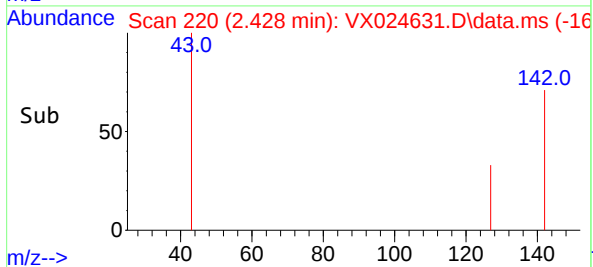
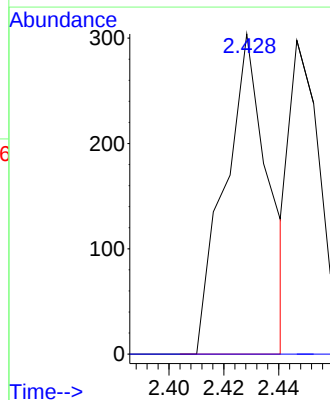
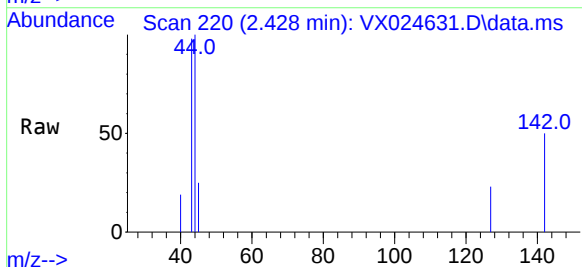
Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

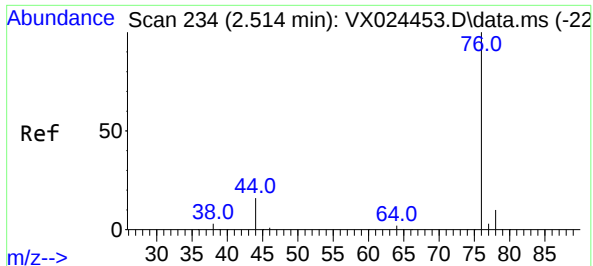
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.428 min Scan# 220
Delta R.T. 0.042 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

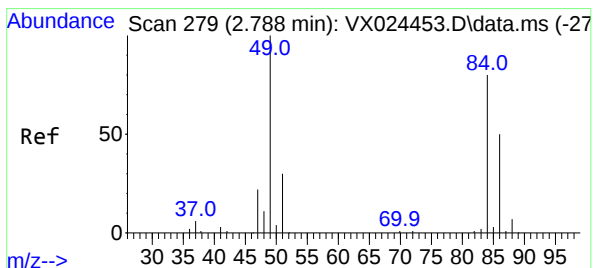
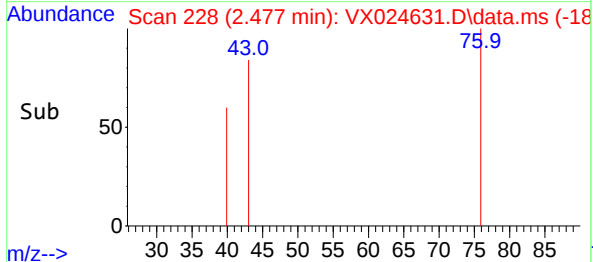
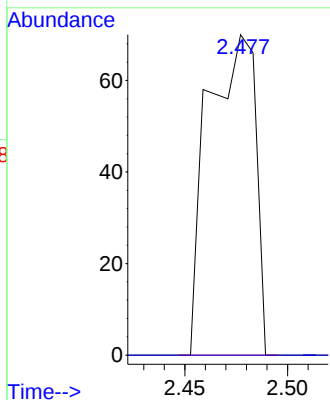
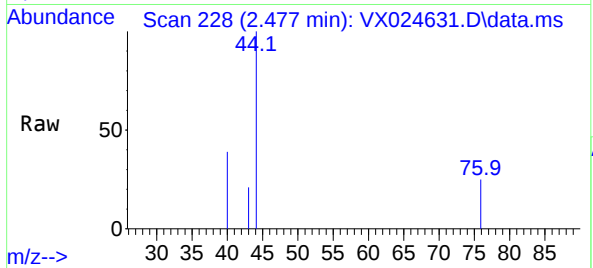




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.037 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

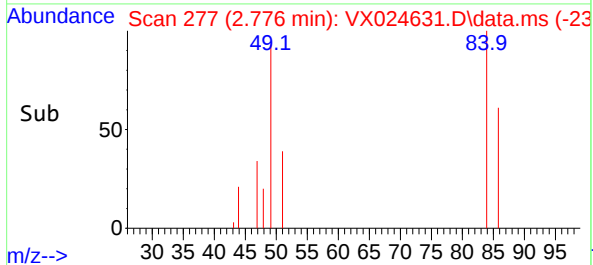
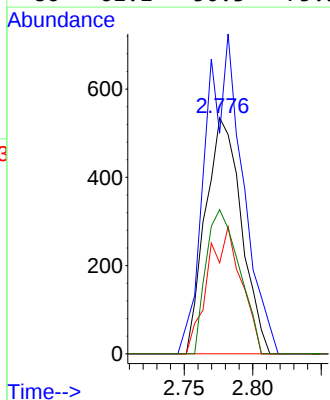
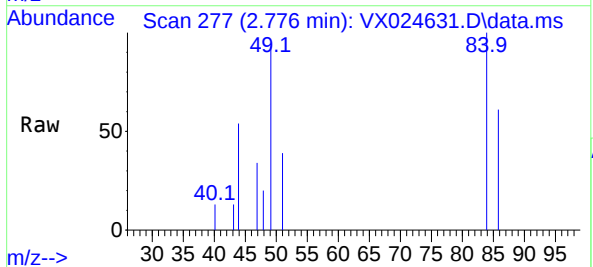
Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

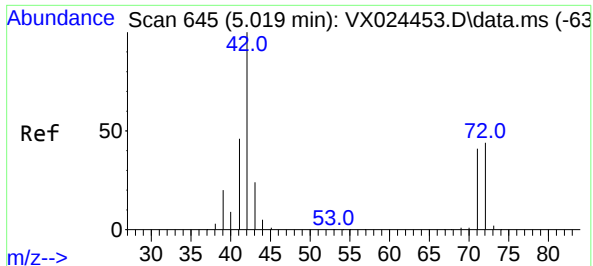
Tgt Ion: 76 Resp: 112
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 84 Resp: 976
Ion Ratio Lower Upper
84 100
49 93.5 88.6 132.8
51 38.5 27.0 40.6
86 61.1 50.3 75.5





#29

Tetrahydrofuran

Concen: 1.28 ug/l

RT: 5.068 min Scan# 653

Delta R.T. 0.049 min

Lab File: VX024631.D

Acq: 06 Oct 2021 20:29

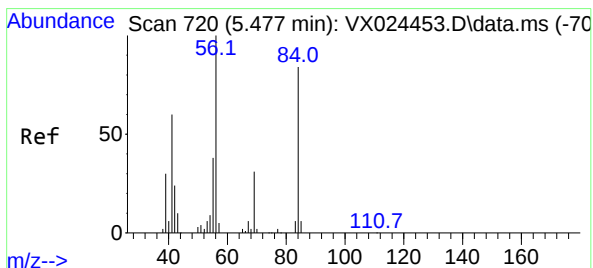
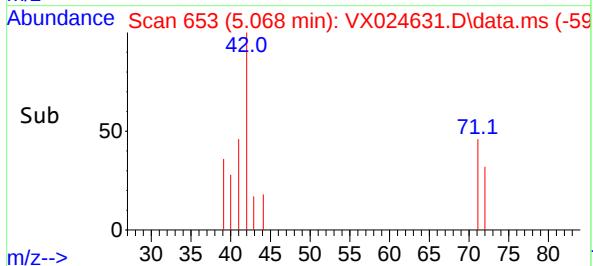
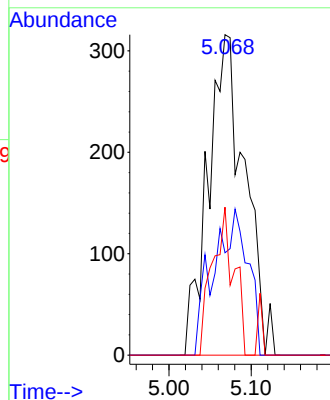
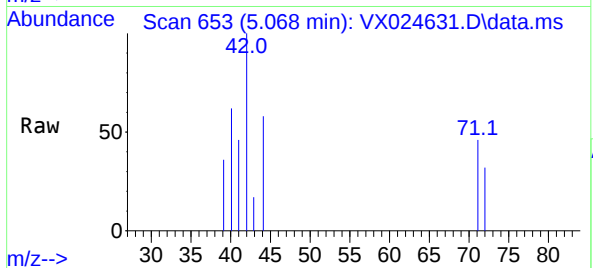
Instrument :

MSVOA_X

ClientSampleId :

TR-05-100421

Tgt Ion:	42	Resp:	986
Ion	Ratio	Lower	Upper
42	100		
72	42.5	41.7	62.5
71	27.3	38.4	57.6#



#31

Cyclohexane

Concen: 1.31 ug/l

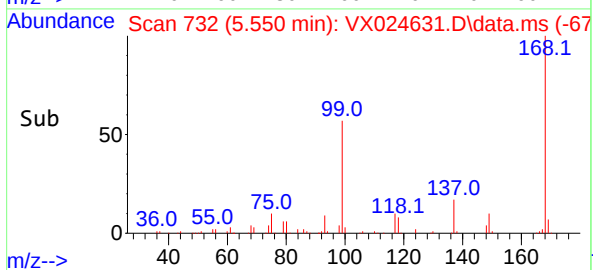
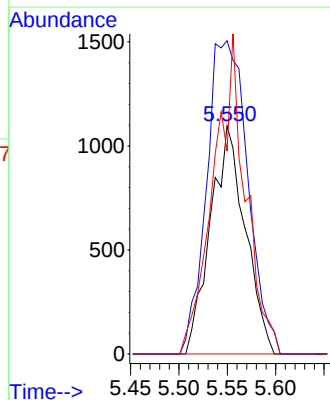
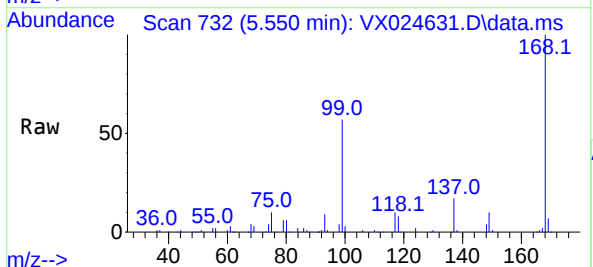
RT: 5.550 min Scan# 732

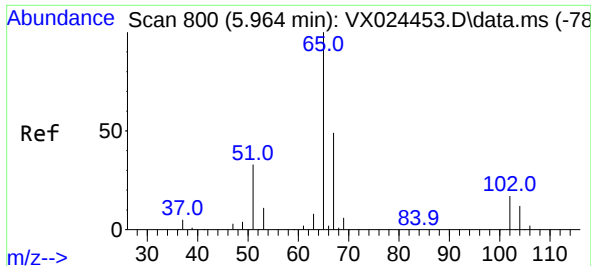
Delta R.T. 0.073 min

Lab File: VX024631.D

Acq: 06 Oct 2021 20:29

Tgt Ion:	56	Resp:	2741
Ion	Ratio	Lower	Upper
56	100		
69	137.3	25.3	37.9#
84	88.9	71.4	107.0

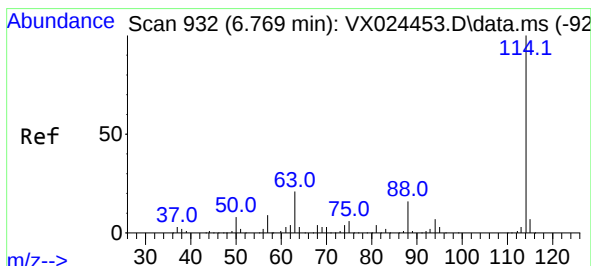
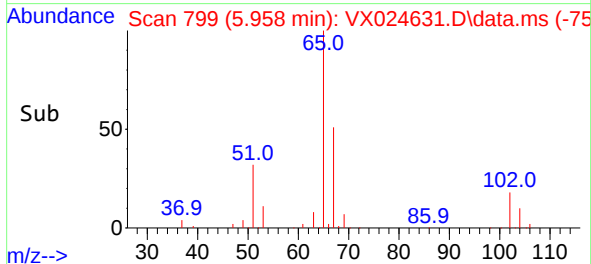
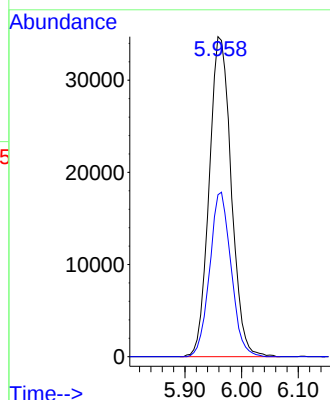
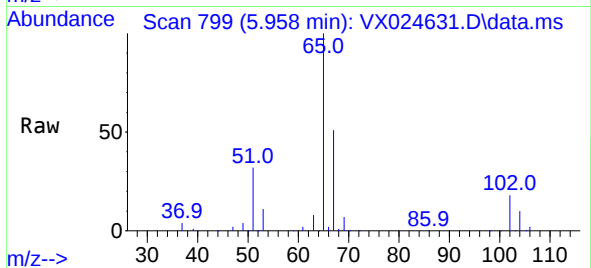




#33
 1,2-Dichloroethane-d4
 Concen: 53.50 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX024631.D
 Acq: 06 Oct 2021 20:29

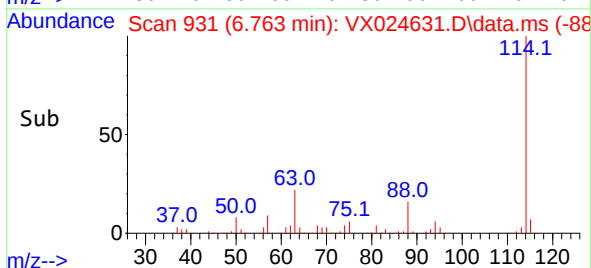
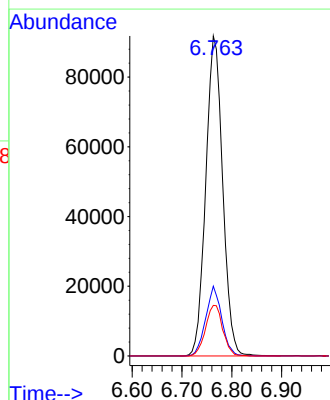
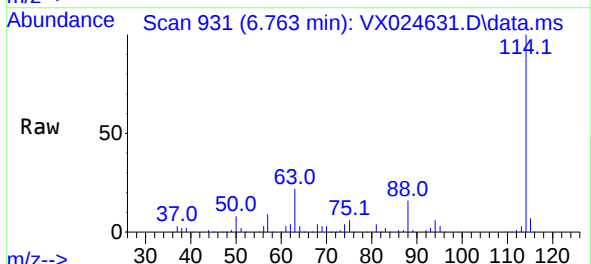
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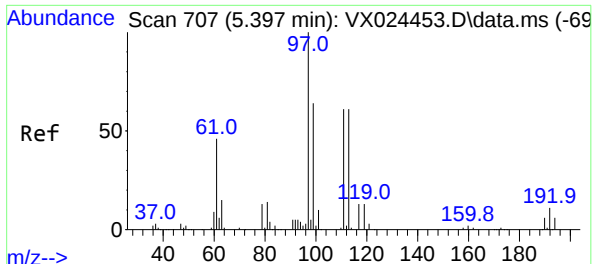
Tgt Ion: 65 Resp: 93825
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX024631.D
 Acq: 06 Oct 2021 20:29

Tgt Ion: 114 Resp: 216148
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.8
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.88 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024631.D

Acq: 06 Oct 2021 20:29

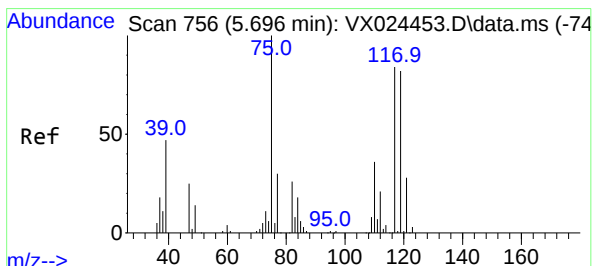
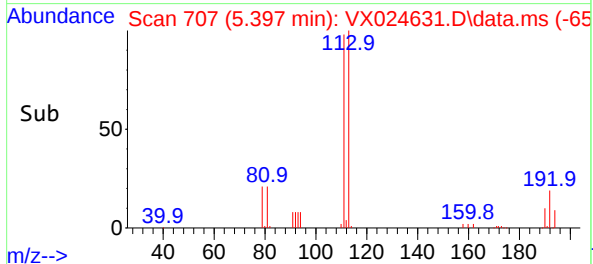
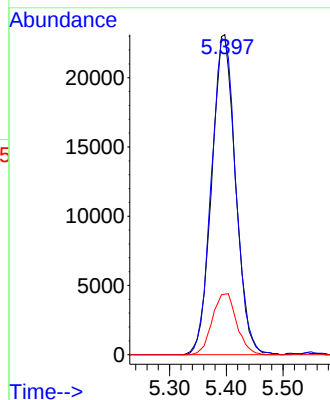
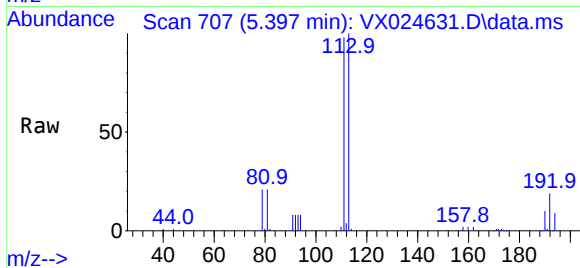
Tgt Ion:113 Resp: 67316

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.04 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX024631.D

Acq: 06 Oct 2021 20:29

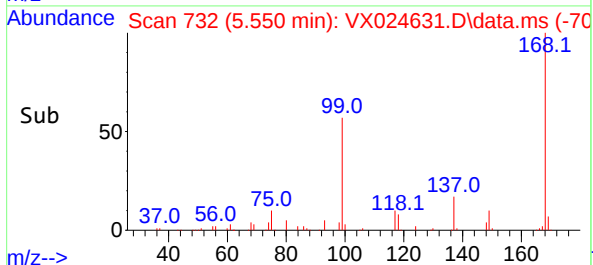
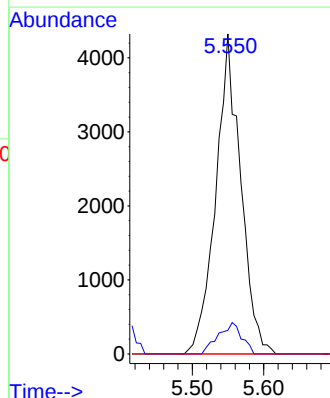
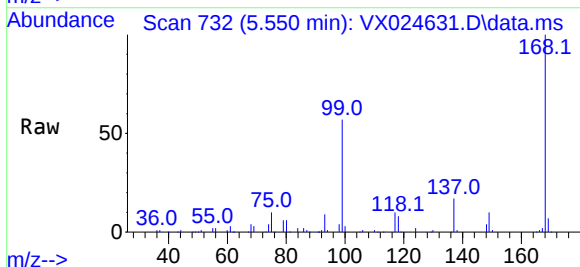
Tgt Ion: 75 Resp: 10451

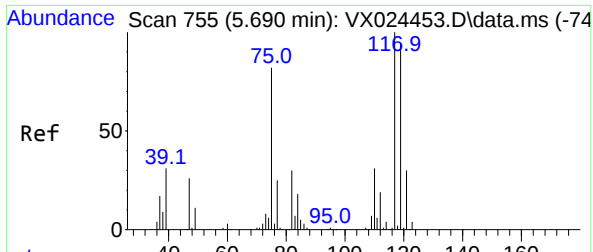
Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

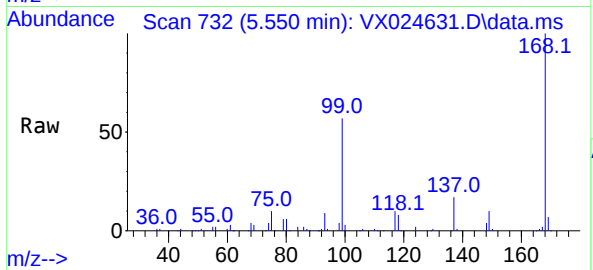
77 0.0 25.3 37.9#



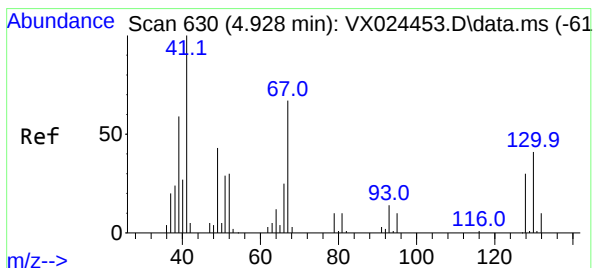
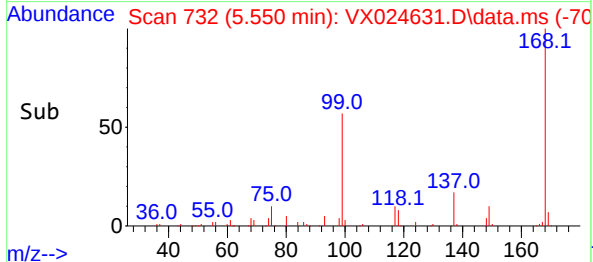
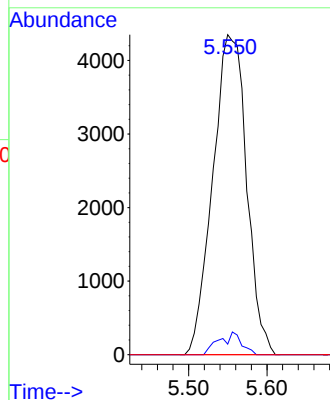


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

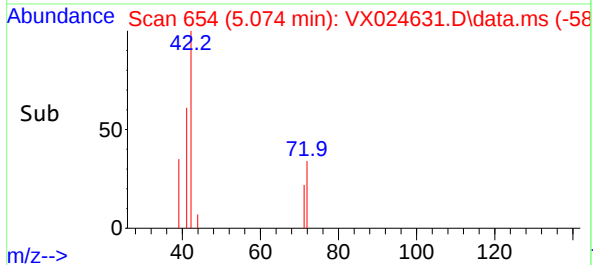
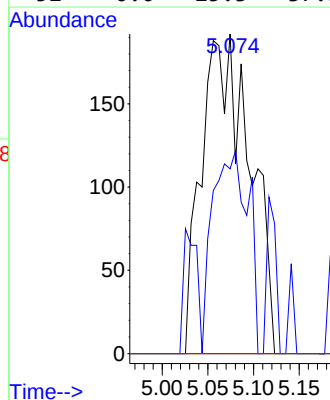
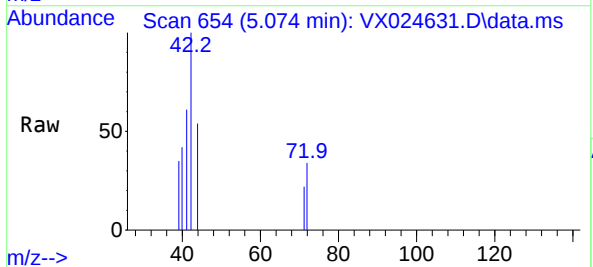


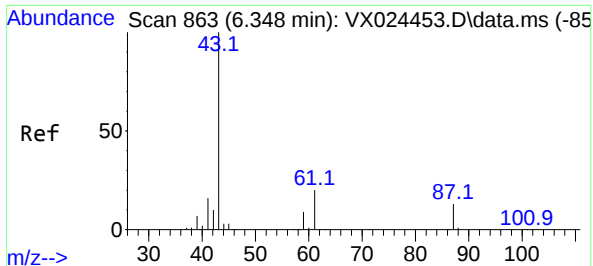
Tgt Ion:117 Resp: 13051
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.53 ug/l
RT: 5.074 min Scan# 654
Delta R.T. 0.146 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 41 Resp: 706
Ion Ratio Lower Upper
41 100
39 46.5 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

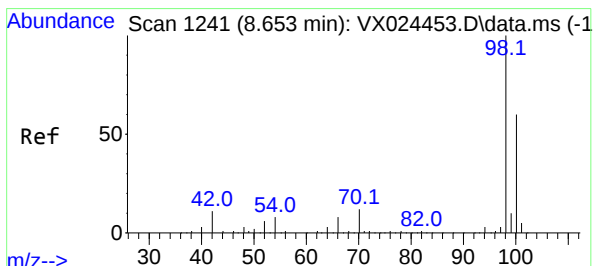
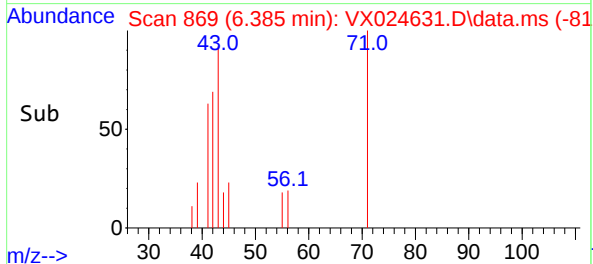
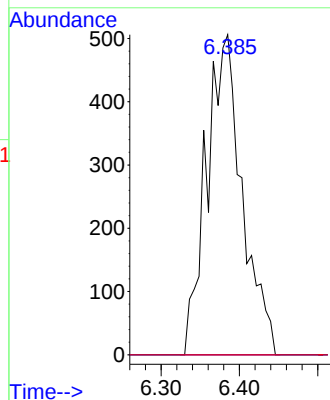
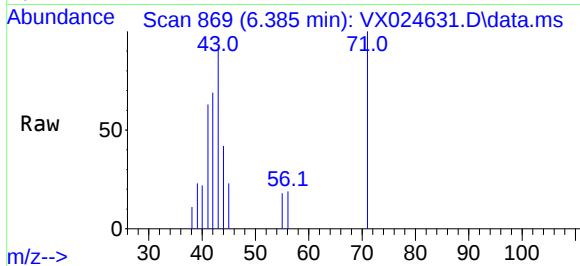




#43
Isopropyl Acetate
Concen: 0.41 ug/l
RT: 6.385 min Scan# 869
Delta R.T. 0.037 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

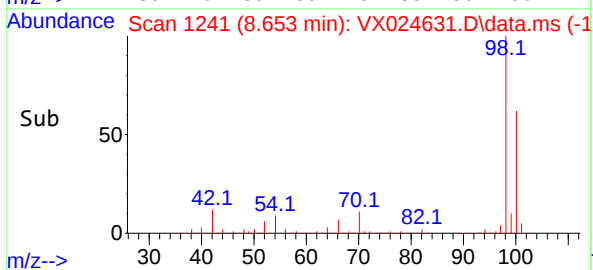
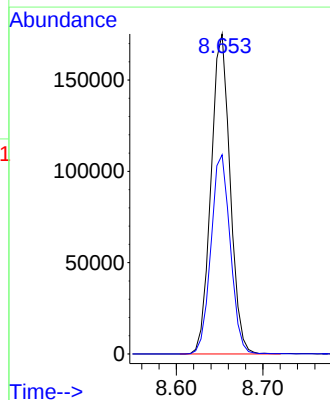
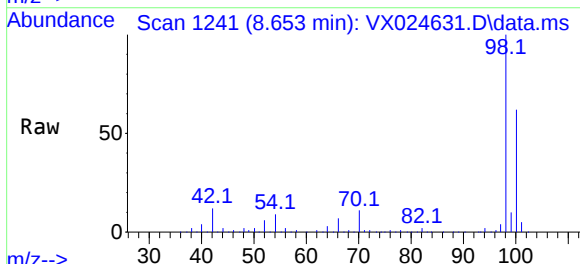
Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

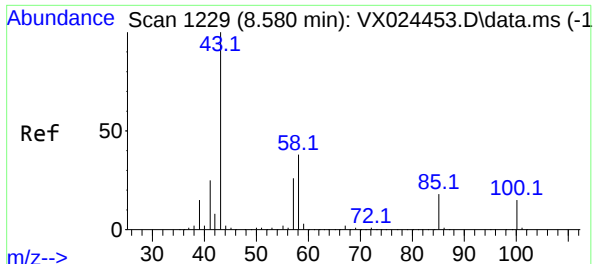
Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 50.70 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 98 Resp: 267932
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

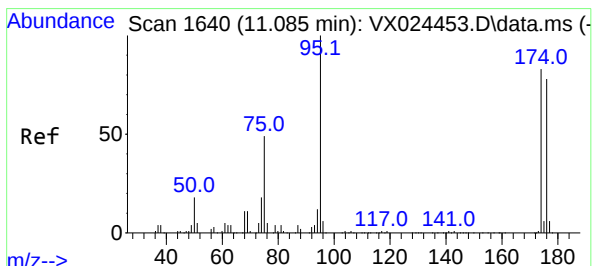
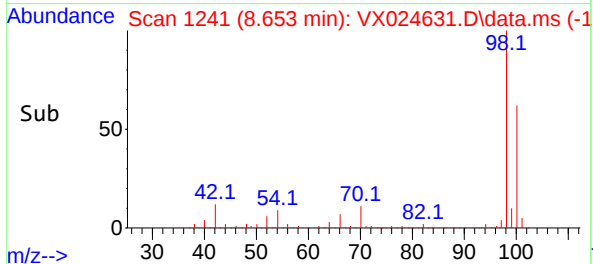
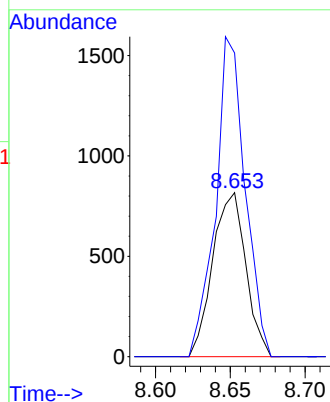
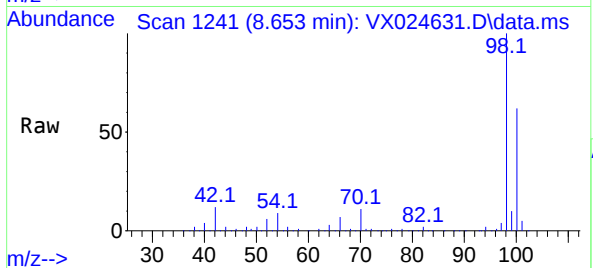




#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

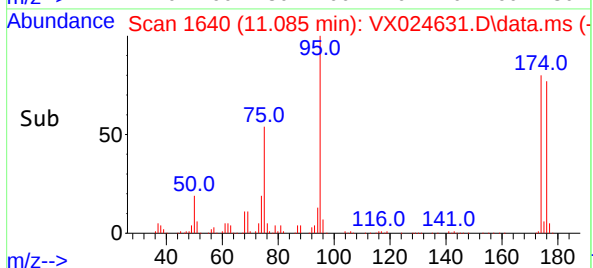
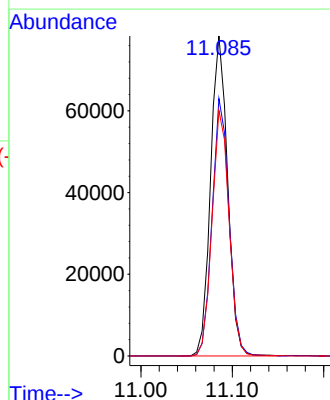
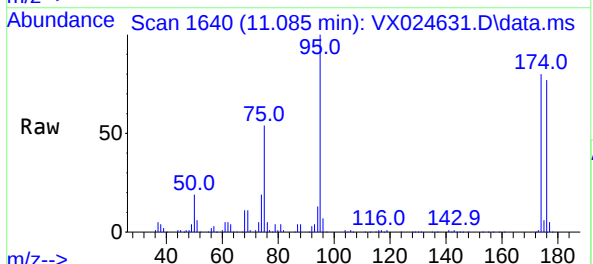
Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

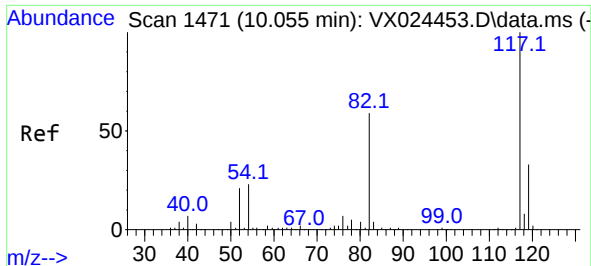
Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 174.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.65 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 95 Resp: 101091
Ion Ratio Lower Upper
95 100
174 80.1 0.0 154.6
176 76.9 0.0 155.8

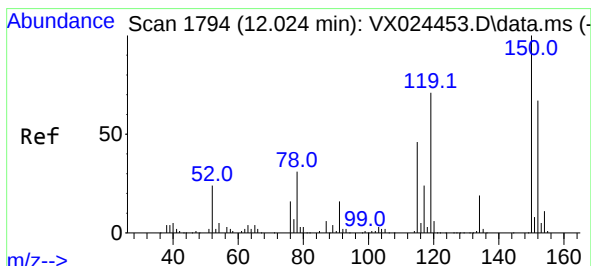
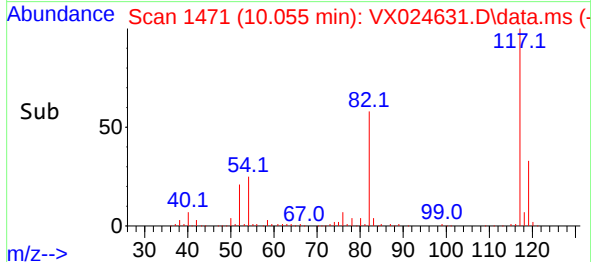
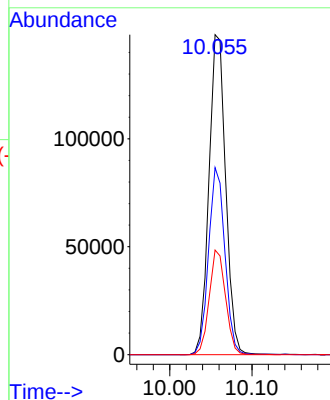
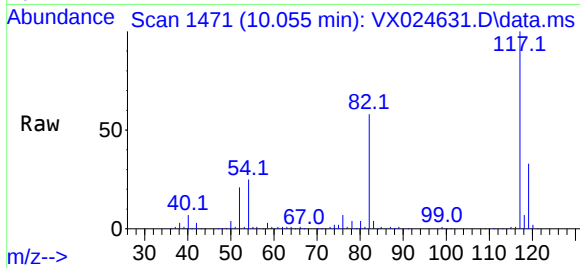




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

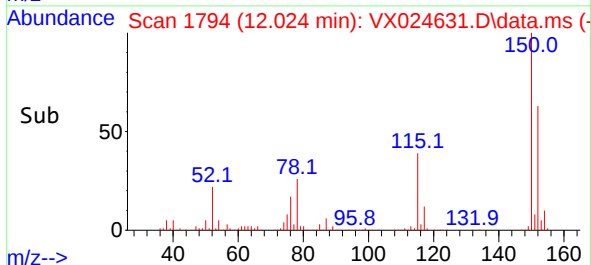
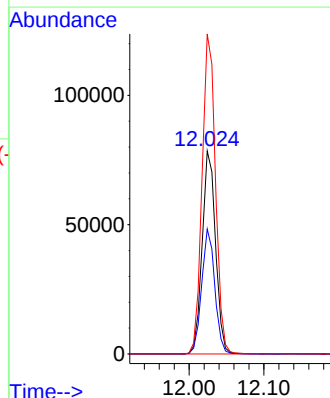
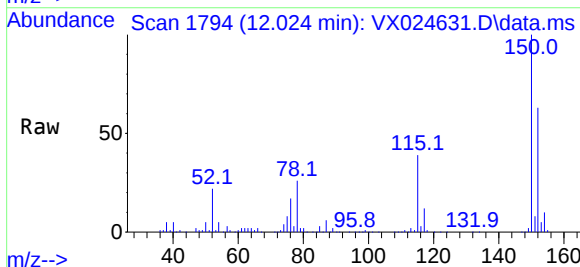
Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

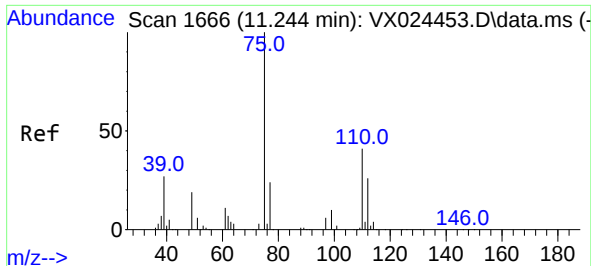
Tgt Ion:117 Resp: 209457
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion:152 Resp: 97625
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 157.7 0.0 349.0

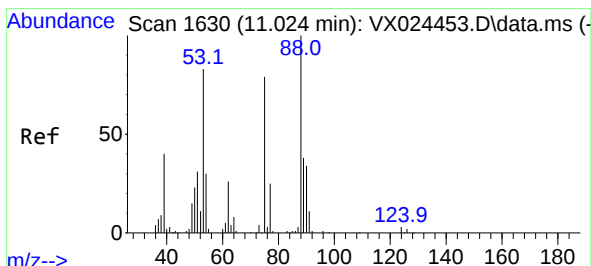
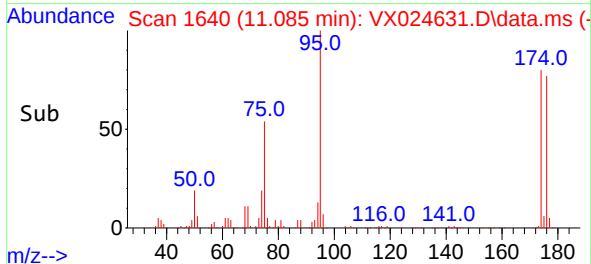
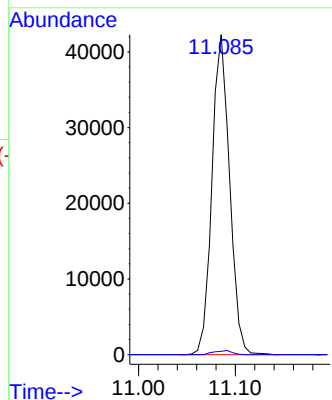
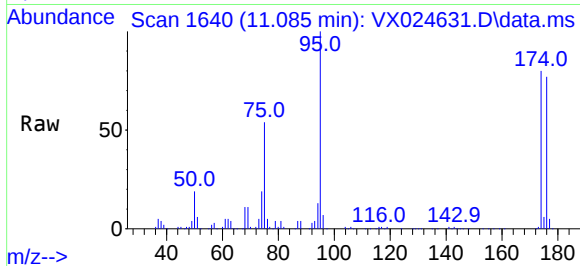




#76
1,2,3-Trichloropropane
Concen: 24.14 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Instrument :
MSVOA_X
ClientSampleId :
TR-05-100421

Tgt Ion: 75 Resp: 53516
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024631.D
Acq: 06 Oct 2021 20:29

Tgt Ion: 75 Resp: 53516
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

