

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024627.D
 Acq On : 06 Oct 2021 18:55
 Operator : JC/MD
 Sample : M3960-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 07 07:48:52 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)

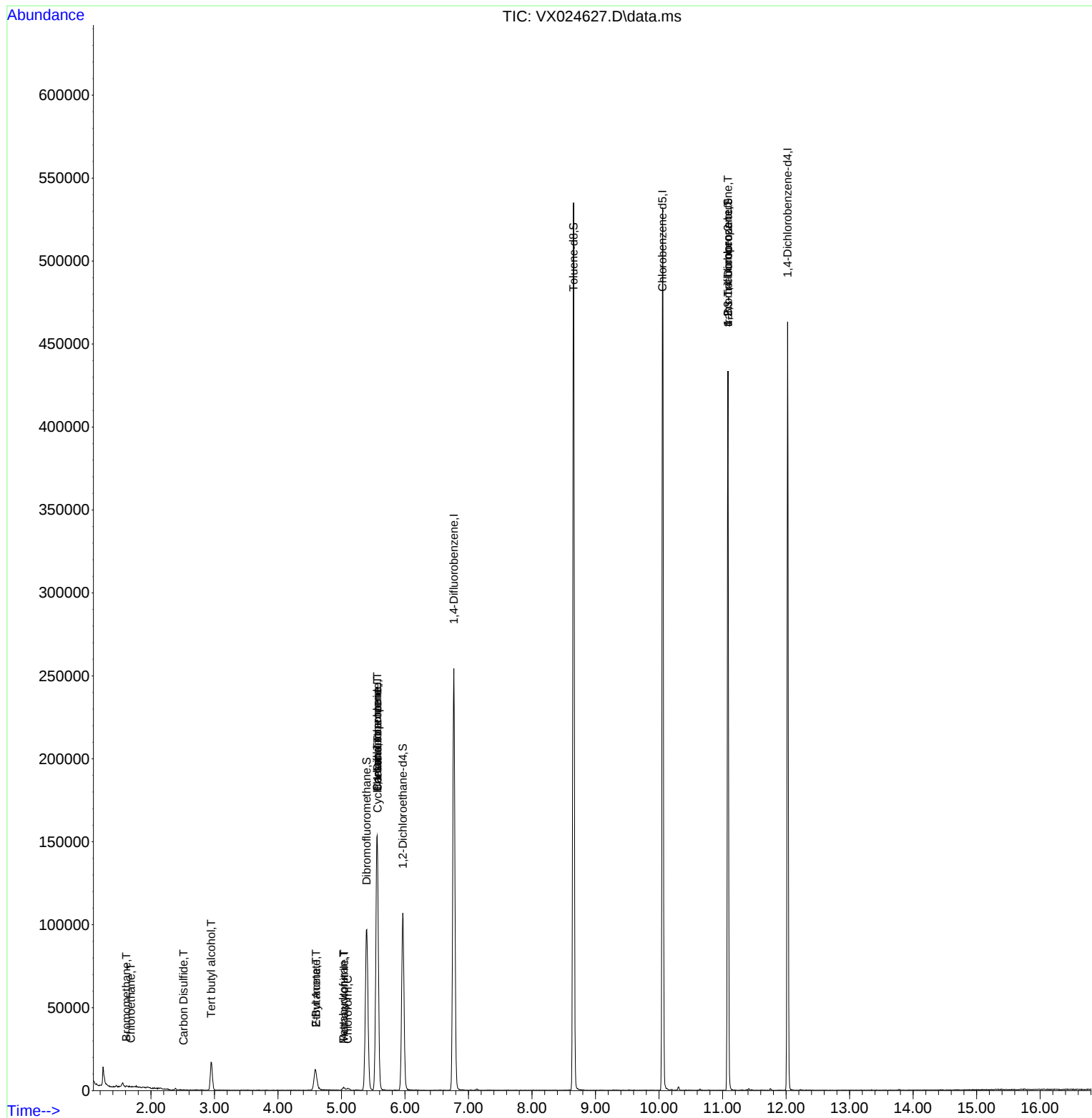
Internal Standards						
1) Pentafluorobenzene	5.562	168	146829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104932	50.71	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.42%
35) Dibromofluoromethane	5.397	113	86107	50.42	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.84%
50) Toluene-d8	8.653	98	316061	50.28	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.56%
62) 4-Bromofluorobenzene	11.085	95	112808	45.64	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.28%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	290	0.30	ug/l #	65
6) Chloroethane	1.685	64	115	0.38	ug/l #	43
11) Tert butyl alcohol	2.947	59	9594	7.96	ug/l #	76
16) Acetone	2.386	43	1180	Below Cal	#	71
17) Carbon Disulfide	2.514	76	210	0.29	ug/l #	75
20) Methylene Chloride	2.788	84	104	Below Cal	#	62
25) 2-Butanone	4.599	43	1021	0.72	ug/l #	45
29) Tetrahydrofuran	5.032	42	1583	1.74	ug/l #	78
30) Chloroform	5.099	83	1504	0.49	ug/l #	76
31) Cyclohexane	5.568	56	2858	1.15	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	11391	4.62	ug/l #	50
37) Ethyl Acetate	4.599	43	1021	0.33	ug/l #	3
38) Carbon Tetrachloride	5.562	117	15063	5.61	ug/l #	15
41) Methacrylonitrile	5.044	41	783	0.49	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	58736	27.31	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58736	74.30	ug/l #	12

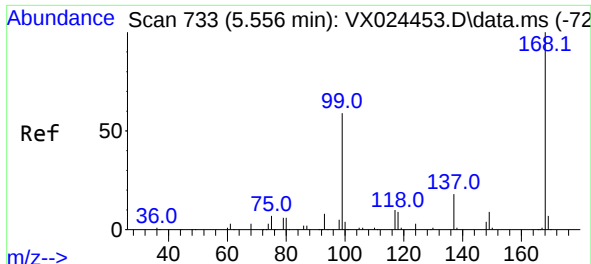
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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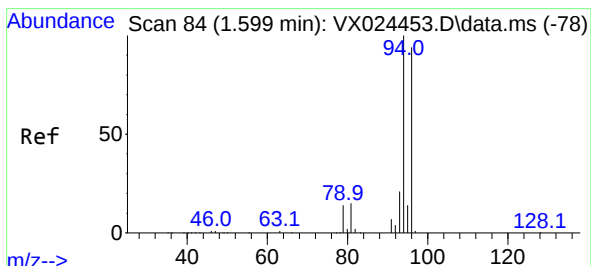
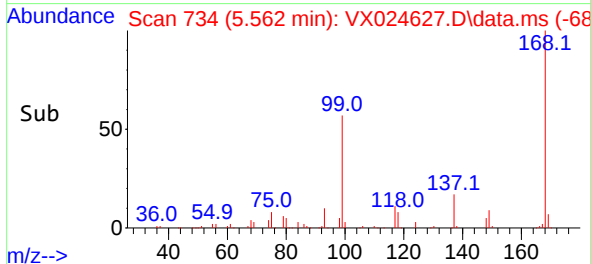
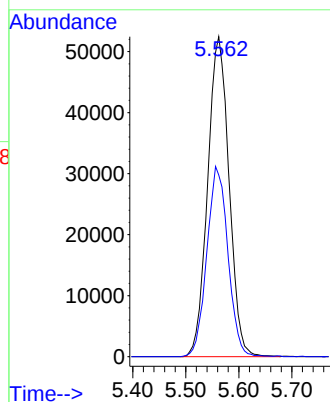
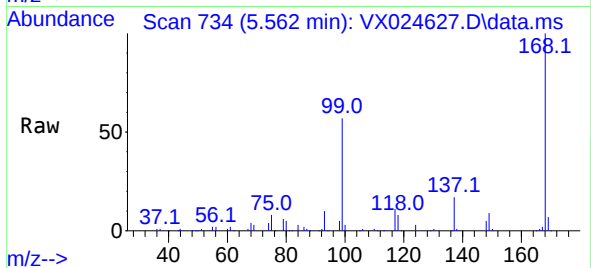




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

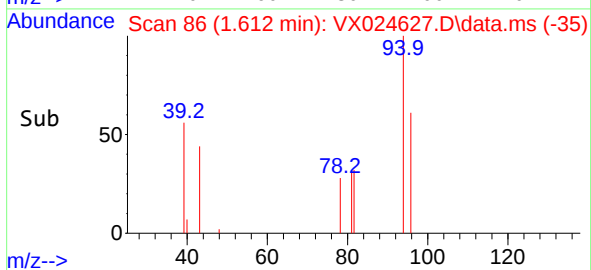
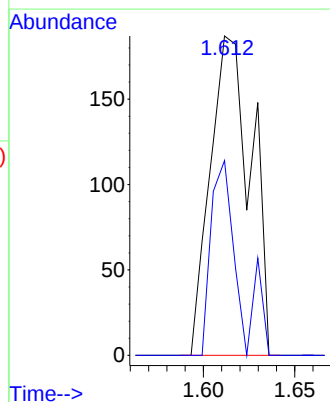
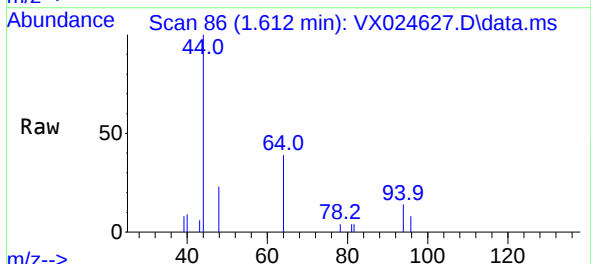
Instrument :
MSVOA_X
ClientSampled :

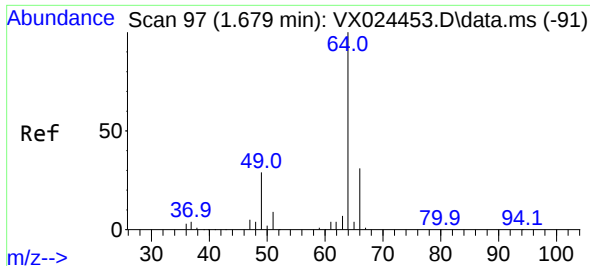
Tgt Ion:168 Resp: 146829
Ion Ratio Lower Upper
168 100
99 56.8 45.8 68.6



#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 61.0 76.4 114.6#

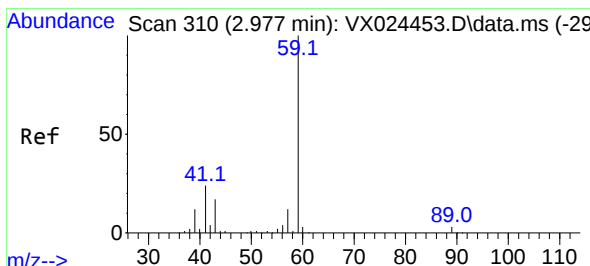
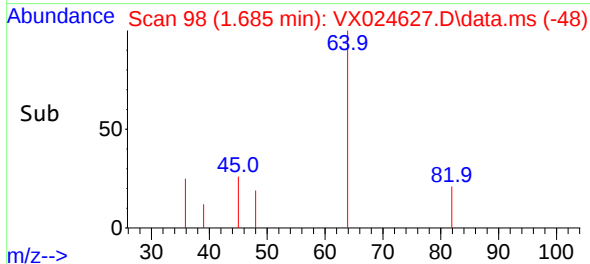
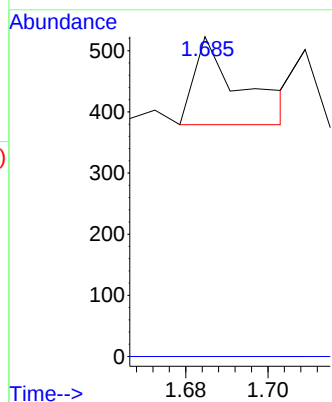
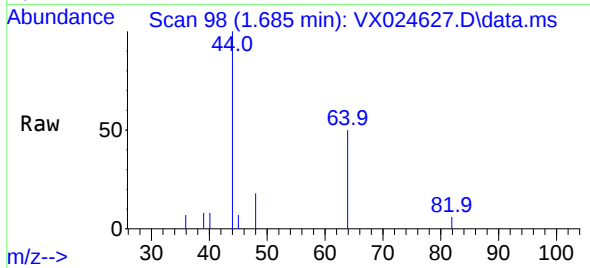




#6
Chloroethane
Concen: 0.38 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

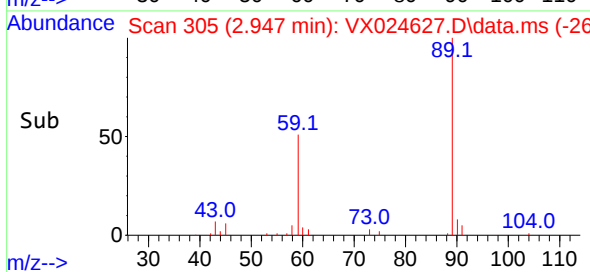
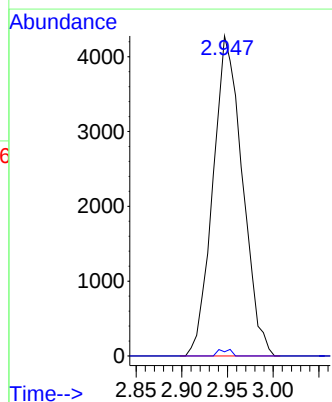
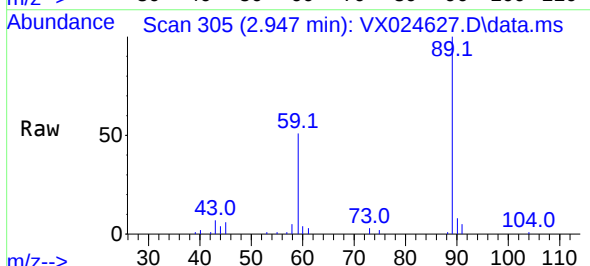
Instrument :
MSVOA_X
ClientSampled :

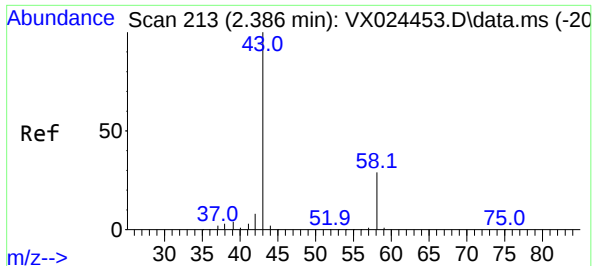
Tgt Ion: 64 Resp: 115
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 7.96 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Tgt Ion: 59 Resp: 9594
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.8#

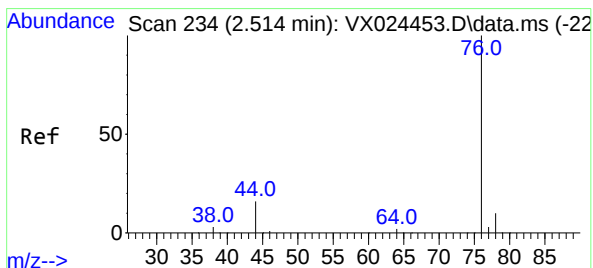
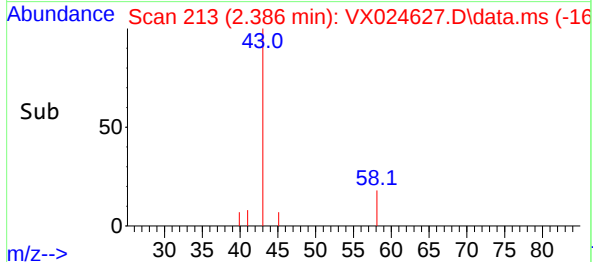
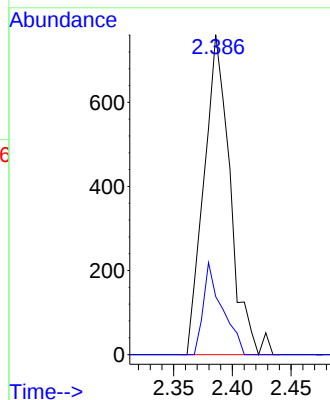
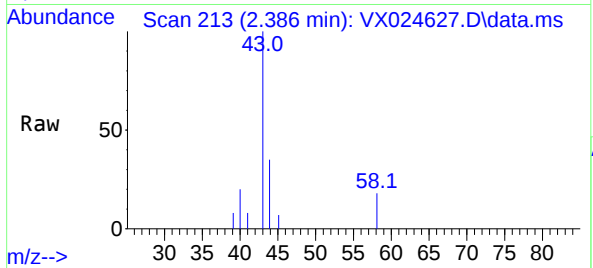




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

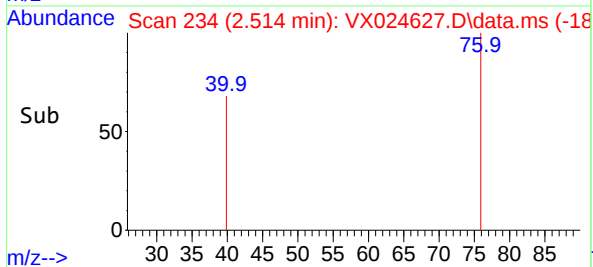
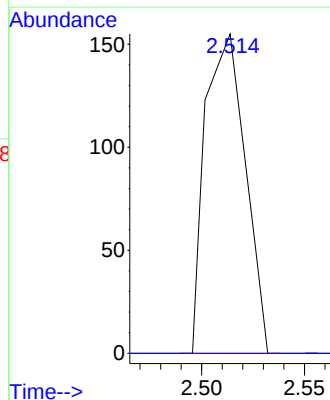
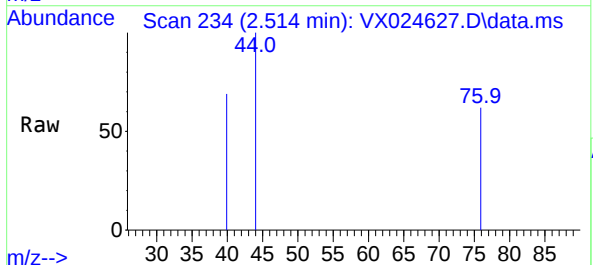
Instrument :
MSVOA_X
ClientSampleId :

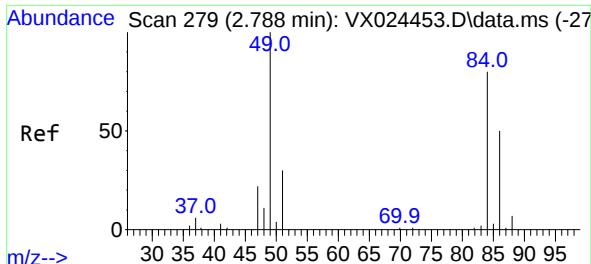
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
58 18.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.29 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

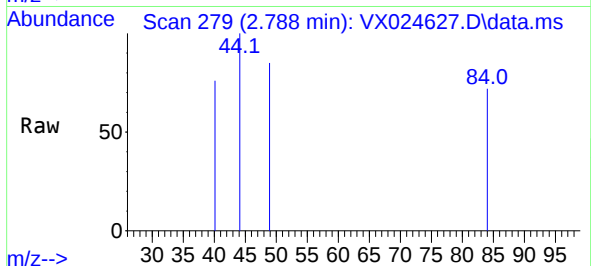
Tgt Ion: 76 Resp: 210
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





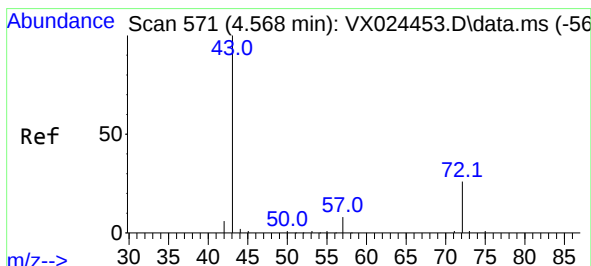
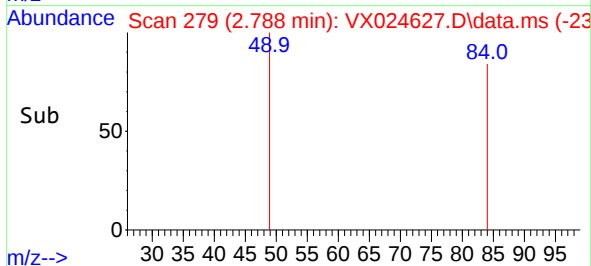
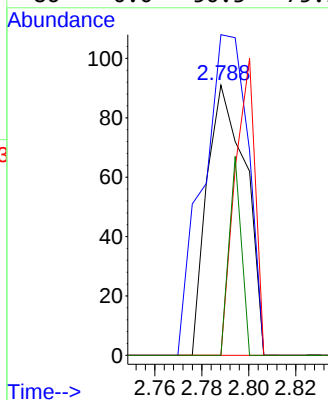
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 104

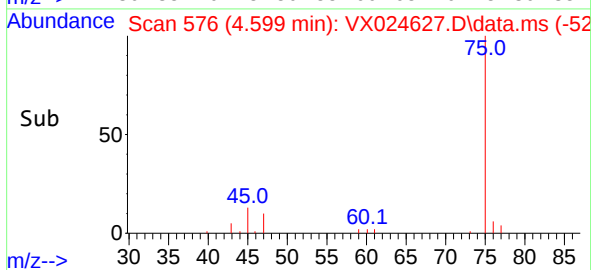
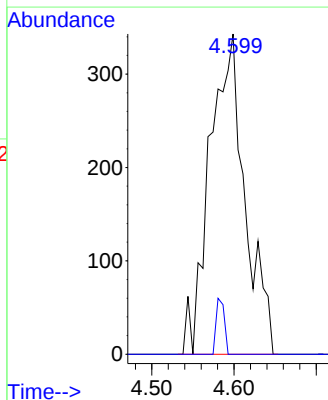
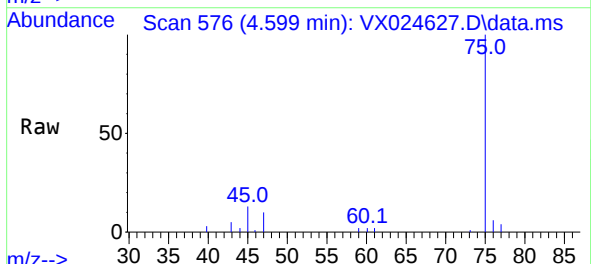
Ion	Ratio	Lower	Upper
84	100		
49	118.7	88.6	132.8
51	0.0	27.0	40.6#
86	0.0	50.3	75.5#

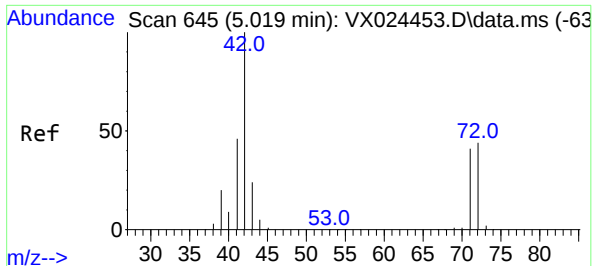


#25
2-Butanone
Concen: 0.72 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Tgt Ion: 43 Resp: 1021

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.74 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.013 min

Lab File: VX024627.D

Acq: 06 Oct 2021 18:55

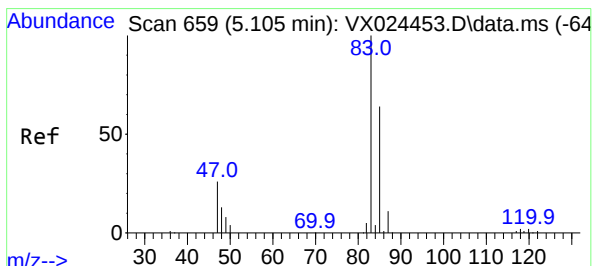
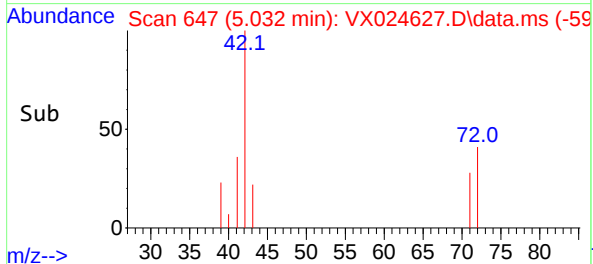
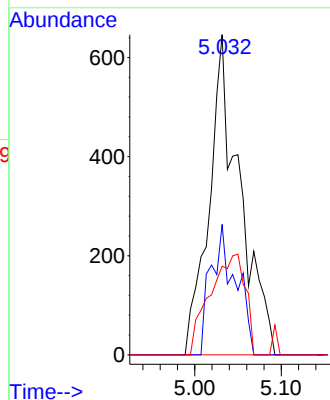
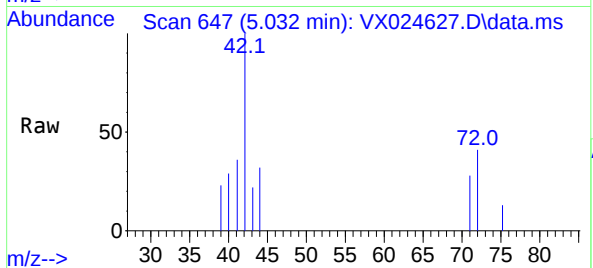
Tgt Ion: 42 Resp: 1583

Ion Ratio Lower Upper

42 100

72 33.2 41.7 62.5#

71 36.3 38.4 57.6#



#30

Chloroform

Concen: 0.49 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX024627.D

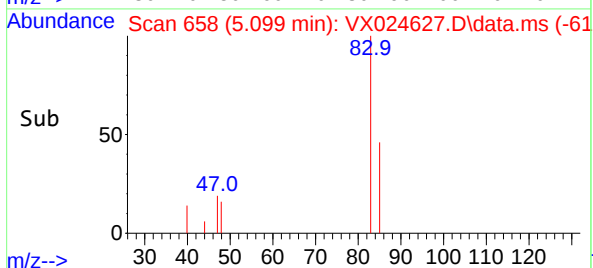
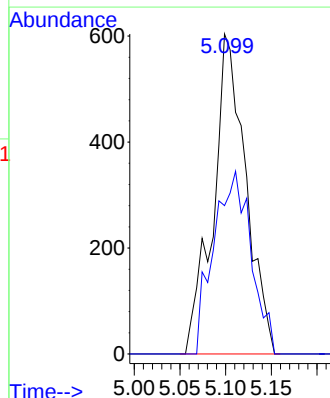
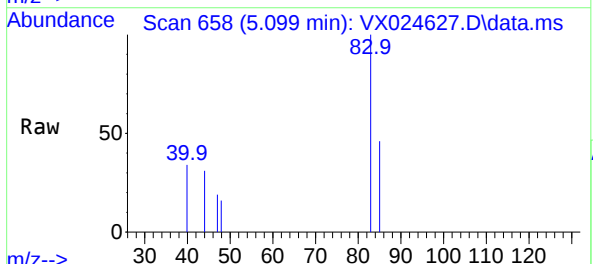
Acq: 06 Oct 2021 18:55

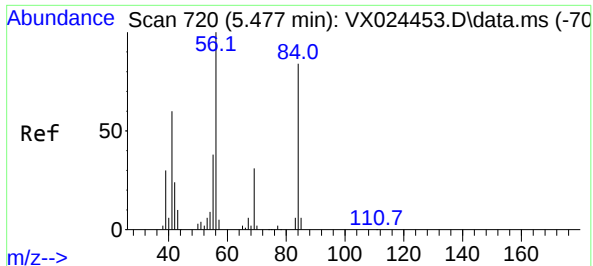
Tgt Ion: 83 Resp: 1504

Ion Ratio Lower Upper

83 100

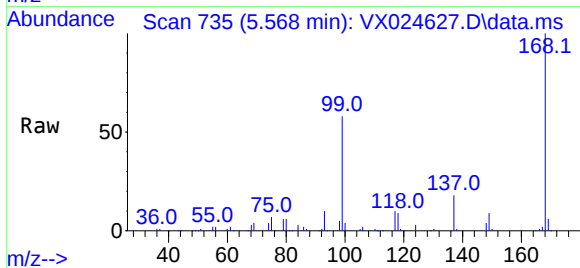
85 46.4 52.0 78.0#



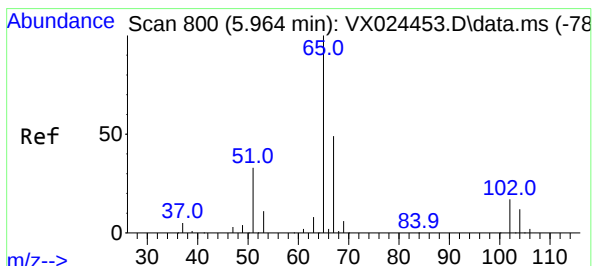
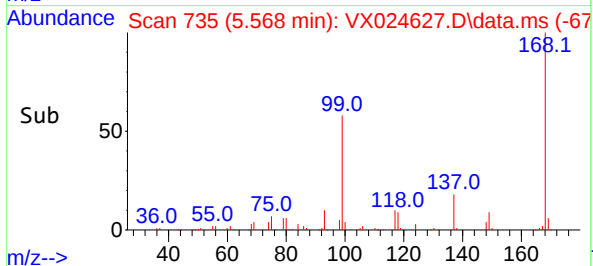
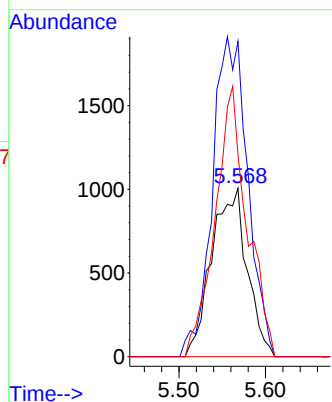


#31
Cyclohexane
Concen: 1.15 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Instrument :
MSVOA_X
ClientSampleId :

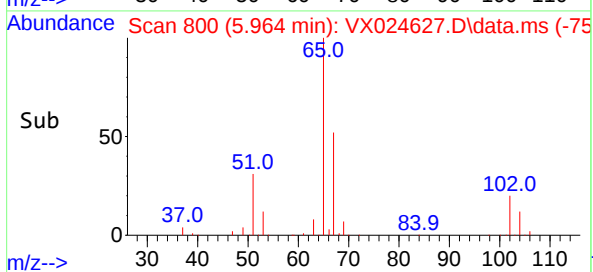
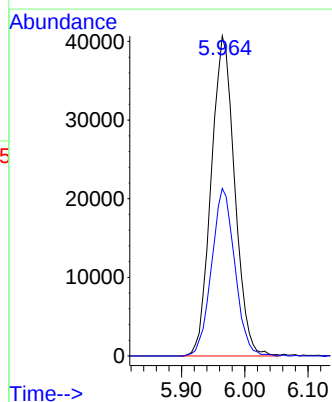
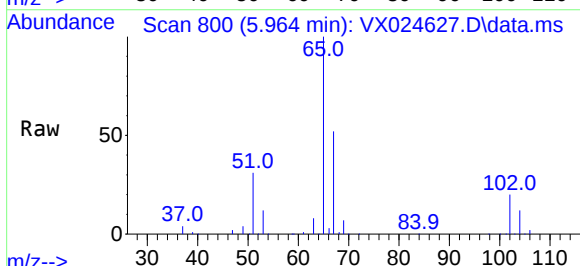


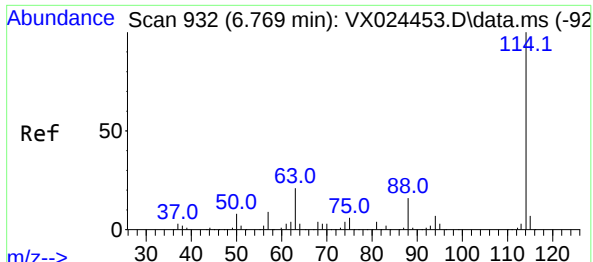
Tgt Ion: 56 Resp: 2858
Ion Ratio Lower Upper
56 100
69 187.2 25.3 37.9#
84 120.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.71 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Tgt Ion: 65 Resp: 104932
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

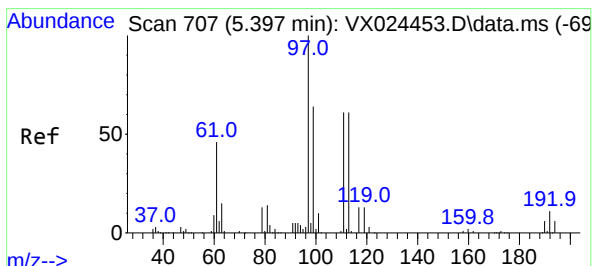
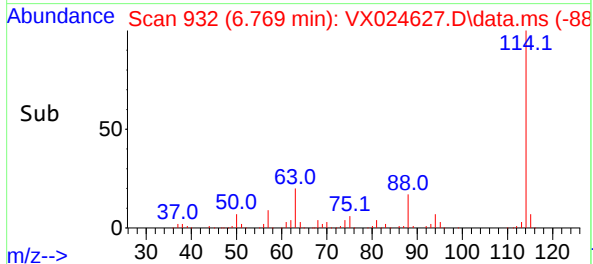
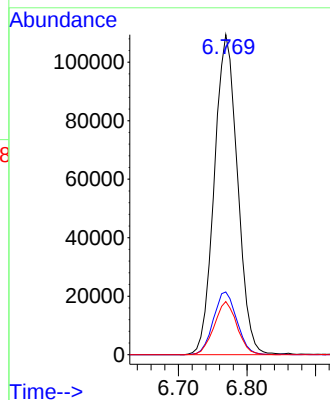
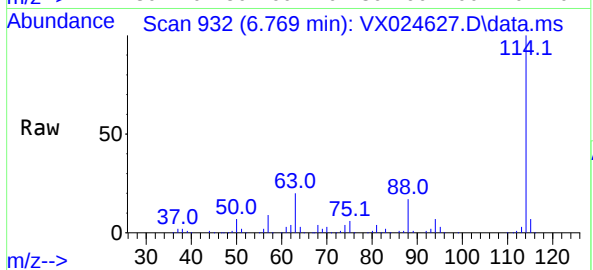




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

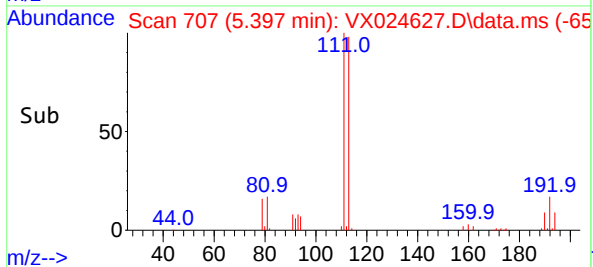
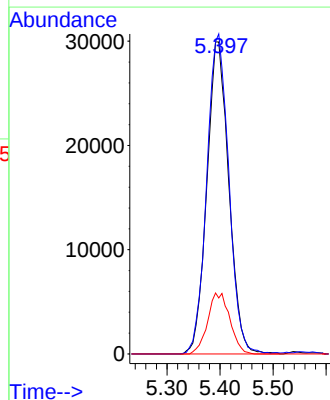
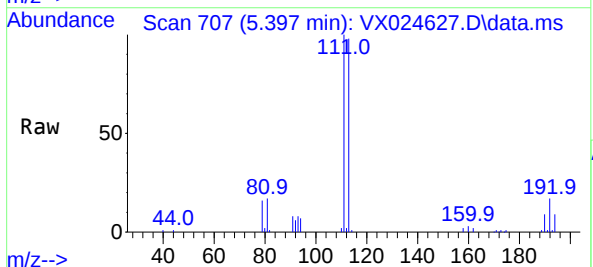
Instrument :
MSVOA_X
ClientSampled :

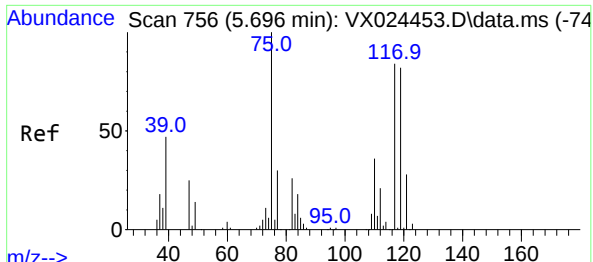
Tgt Ion:114 Resp: 257094
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.42 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

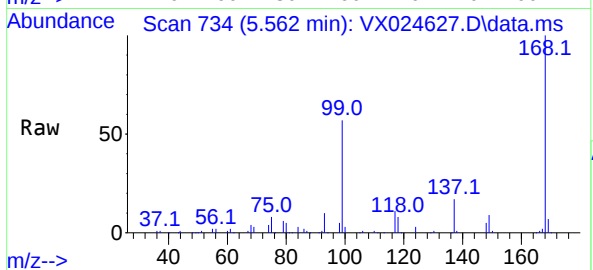
Tgt Ion:113 Resp: 86107
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.7 16.7 25.1



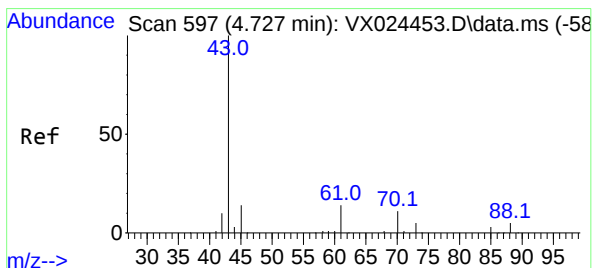
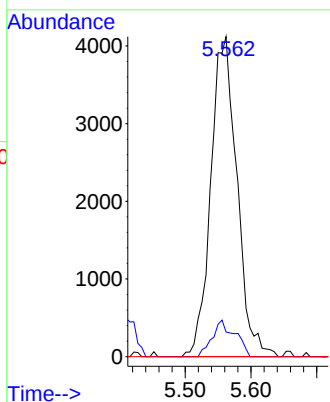
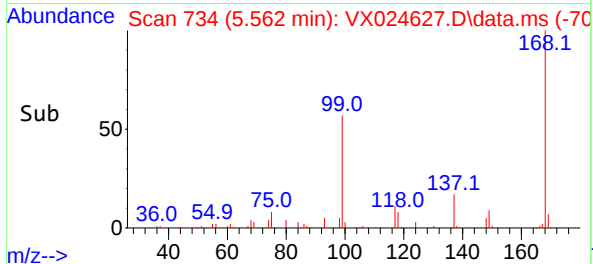


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

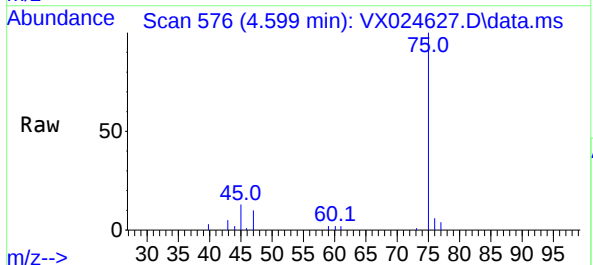
Instrument :
MSVOA_X
ClientSampleId :



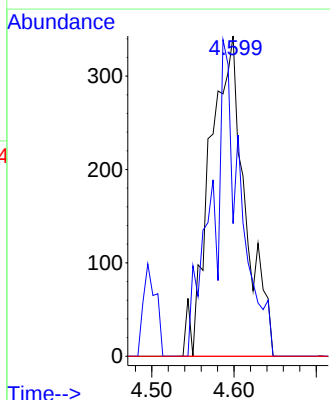
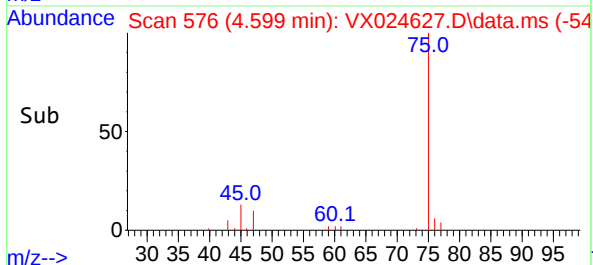
Tgt Ion: 75 Resp: 11391
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#

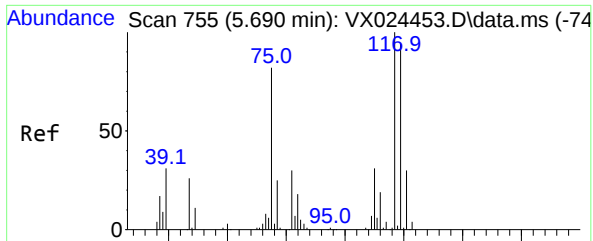


#37
Ethyl Acetate
Concen: 0.33 ug/l
RT: 4.599 min Scan# 576
Delta R.T. -0.128 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55



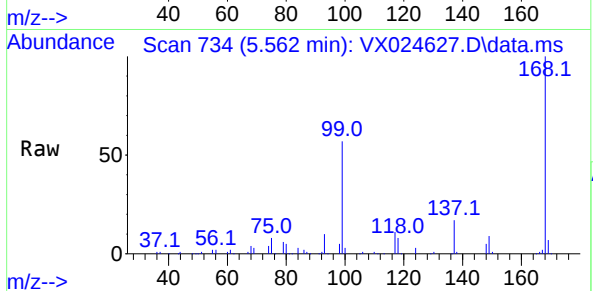
Tgt Ion: 43 Resp: 1021
Ion Ratio Lower Upper
43 100
61 79.8 12.8 19.2#
70 0.0 10.5 15.7#



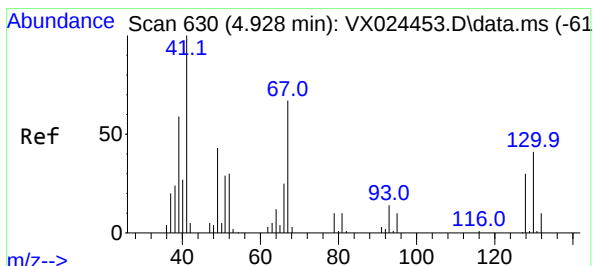
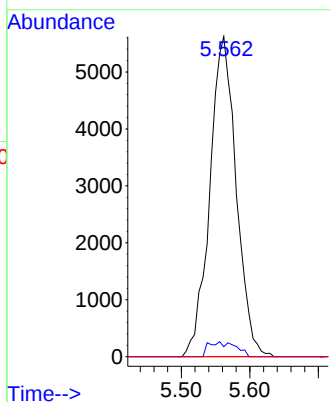
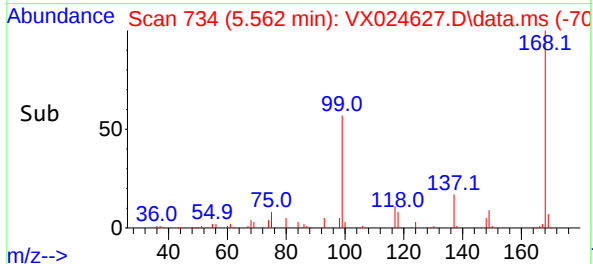


#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

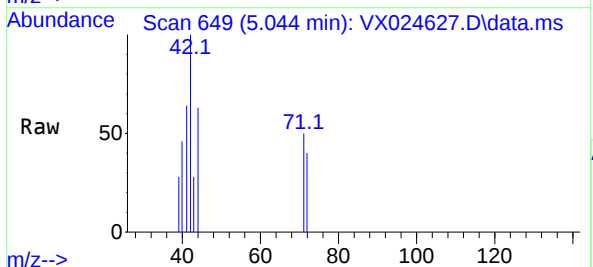
Instrument :
MSVOA_X
ClientSampled :



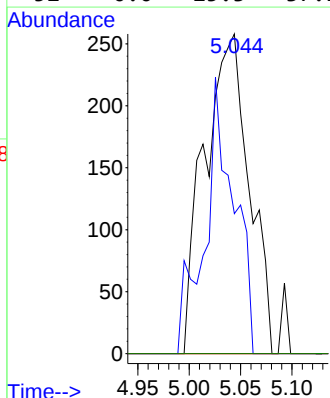
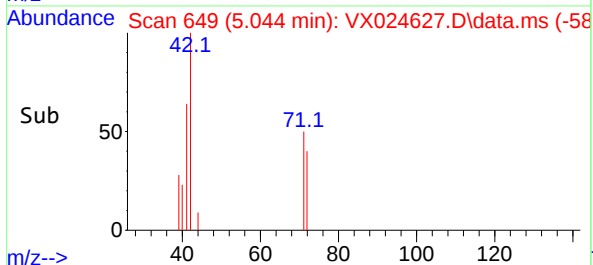
Tgt Ion:117 Resp: 15063
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#

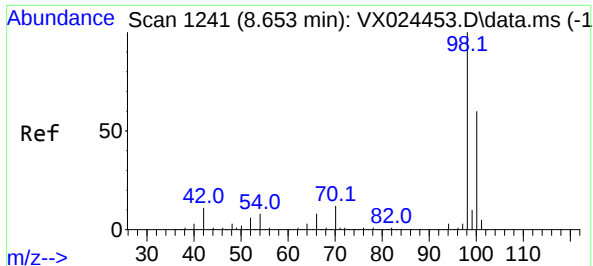


#41
Methacrylonitrile
Concen: 0.49 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55



Tgt Ion: 41 Resp: 783
Ion Ratio Lower Upper
41 100
39 56.3 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

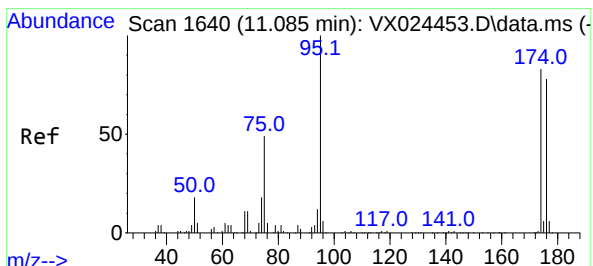
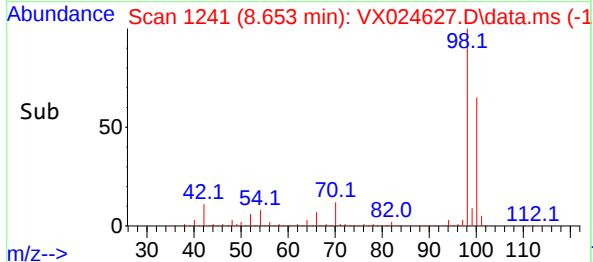
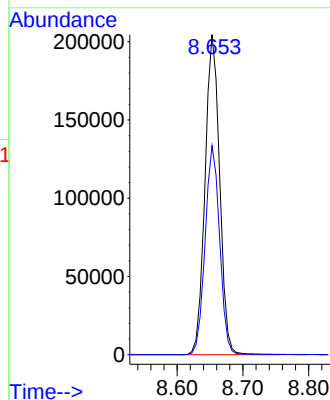
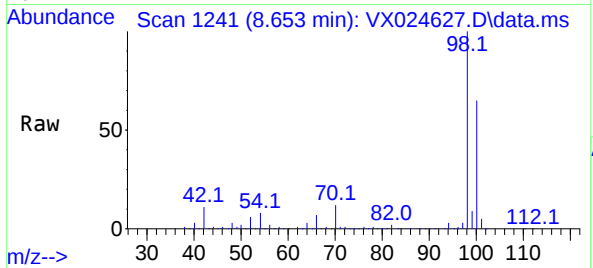




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

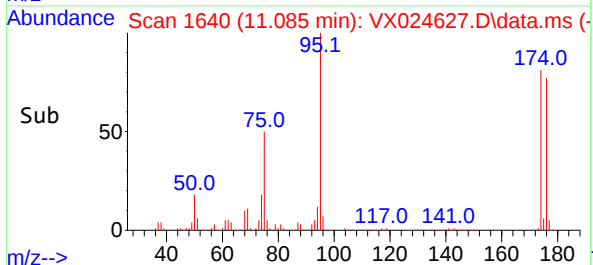
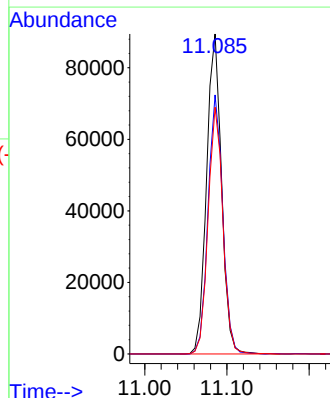
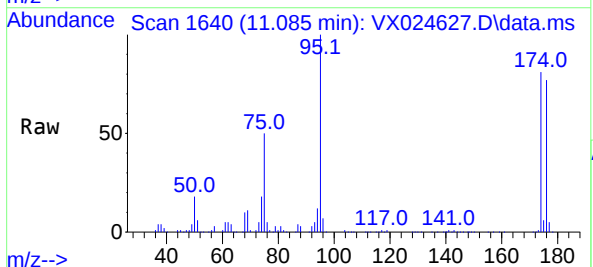
Instrument :
MSVOA_X
ClientSampled :

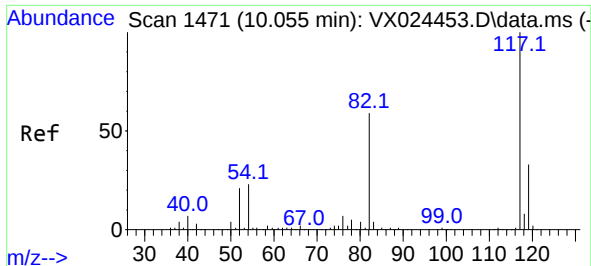
Tgt Ion: 98 Resp: 316061
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.64 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Tgt Ion: 95 Resp: 112808
Ion Ratio Lower Upper
95 100
174 79.8 0.0 154.6
176 76.3 0.0 155.8

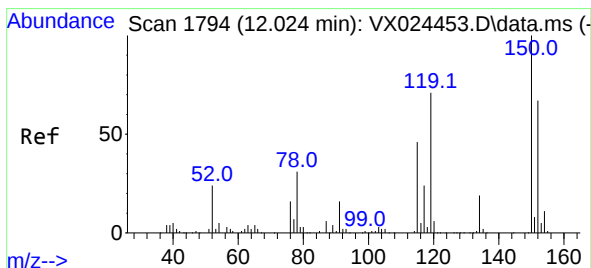
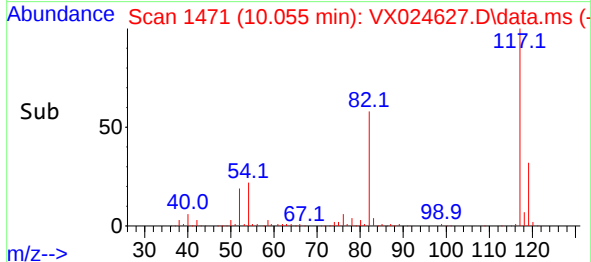
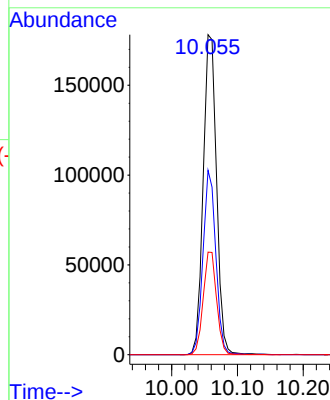
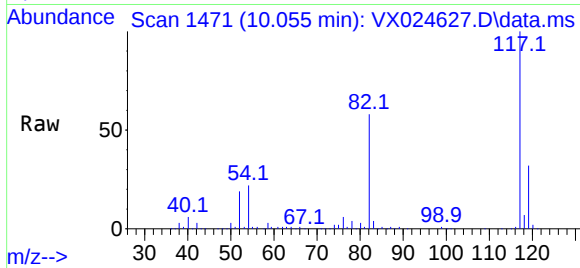




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

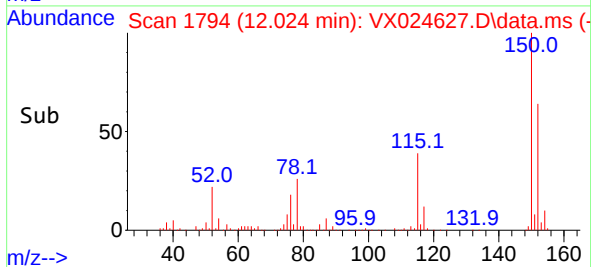
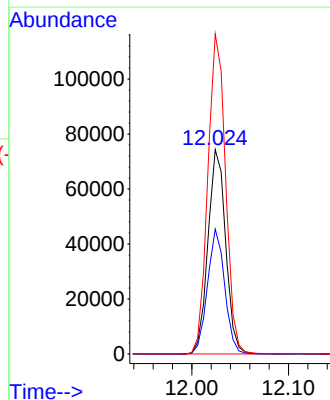
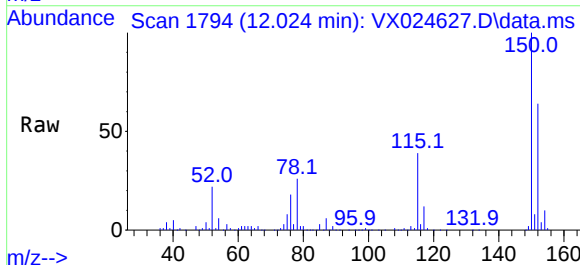
Instrument :
MSVOA_X
ClientSampled :

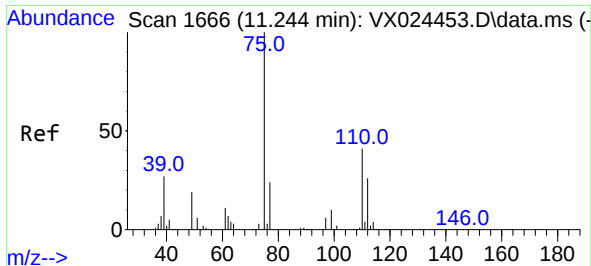
Tgt Ion:117 Resp: 251465
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Tgt Ion:152 Resp: 94694
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 157.0 0.0 349.0

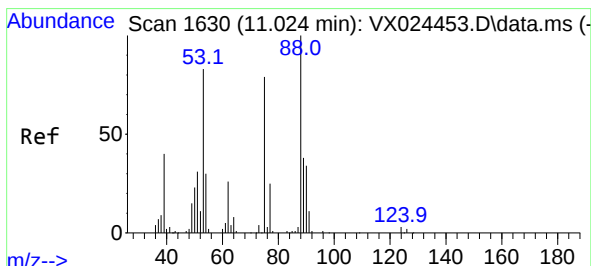
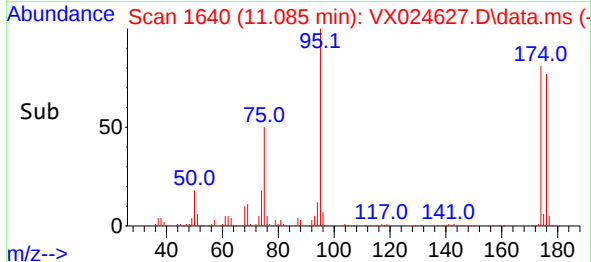
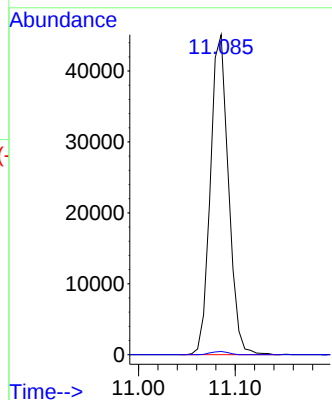
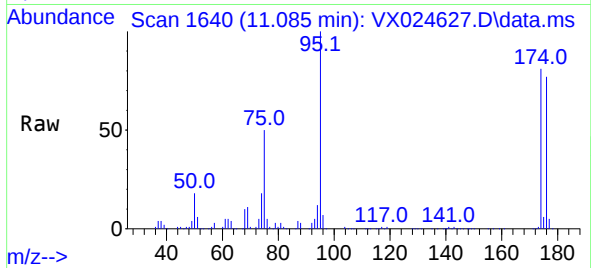




#76
1,2,3-Trichloropropane
Concen: 27.31 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 58736
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.30 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024627.D
Acq: 06 Oct 2021 18:55

Tgt Ion: 75 Resp: 58736
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

