

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029357.D
 Acq On : 09 Jun 2022 19:55
 Operator : JC/MD
 Sample : N3283-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 10 08:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

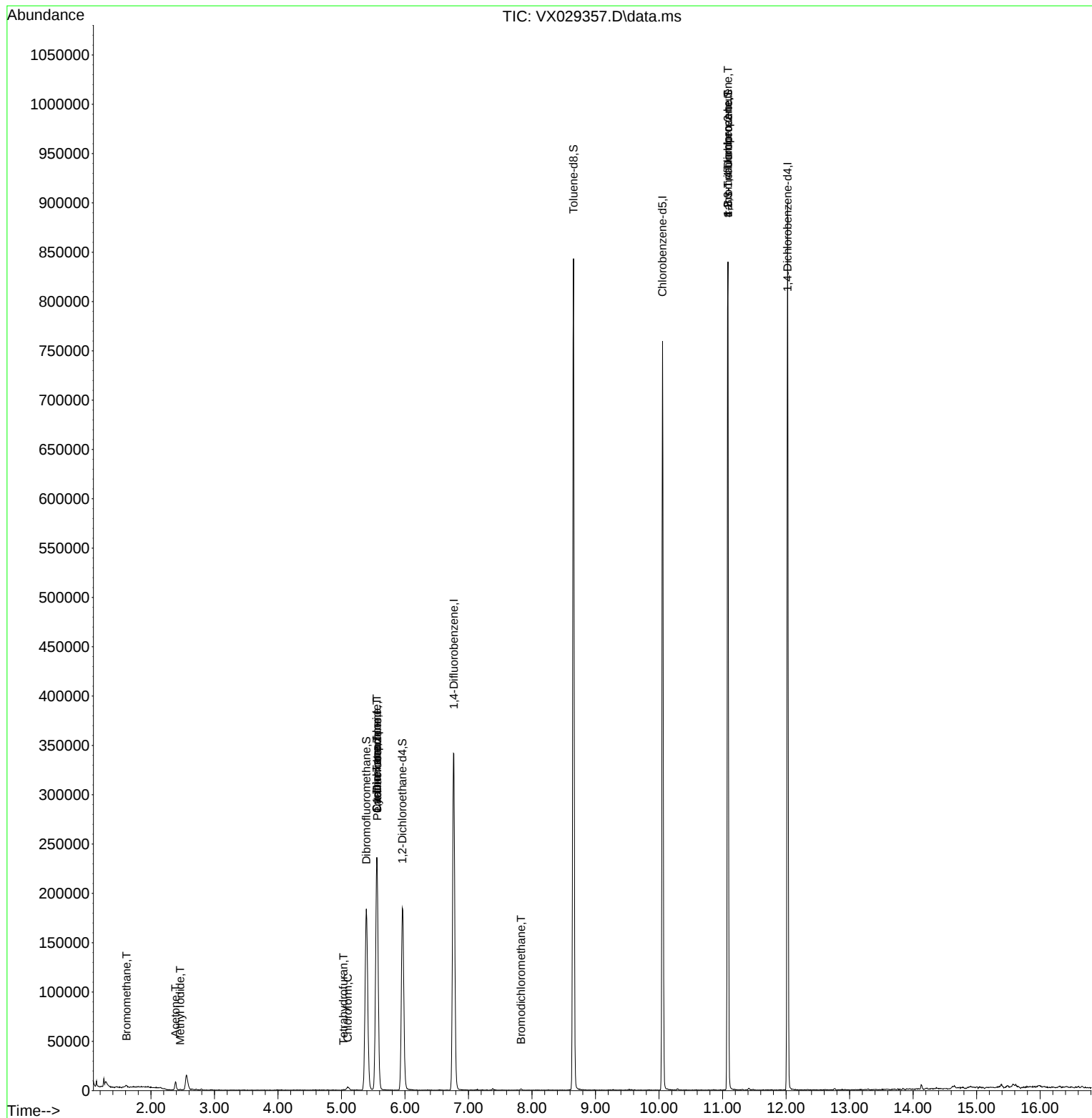
Internal Standards						
1) Pentafluorobenzene	5.562	168	216375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184977	56.385	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 112.760%	
35) Dibromofluoromethane	5.391	113	162264	52.669	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.340%	
50) Toluene-d8	8.653	98	500653	45.948	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 91.900%	
62) 4-Bromofluorobenzene	11.085	95	239932	56.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	700	0.344	ug/l	98
6) Chloroethane	1.685	64	283	Below Cal		97
10) Methyl Iodide	2.459	142	730	1.408	ug/l #	88
11) Tert butyl alcohol	3.001	59	26	Below Cal	#	72
16) Acetone	2.386	43	9191	5.251	ug/l	96
29) Tetrahydrofuran	5.031	42	494	0.274	ug/l #	41
30) Chloroform	5.099	83	3958	0.577	ug/l #	72
31) Cyclohexane	5.556	56	4486	0.765	ug/l #	21
36) 1,1-Dichloropropene	5.556	75	17394	3.418	ug/l #	49
38) Carbon Tetrachloride	5.556	117	23605	4.538	ug/l #	17
41) Methacrylonitrile	4.916	41	18	Below Cal	#	18
47) Bromodichloromethane	7.830	83	1075	0.211	ug/l #	74
76) 1,2,3-Trichloropropane	11.085	75	119465	28.517	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	119465	86.980	ug/l #	15

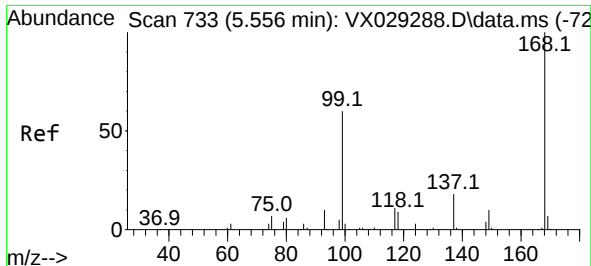
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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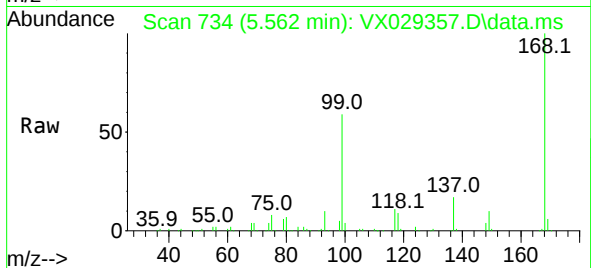
Quant Time: Jun 10 08:10:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration



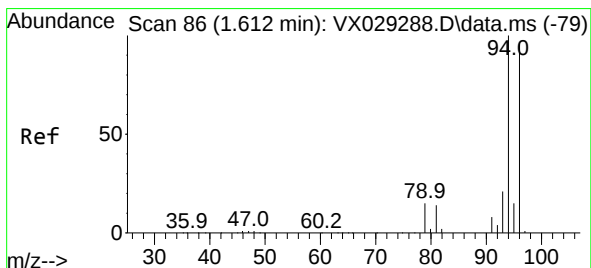
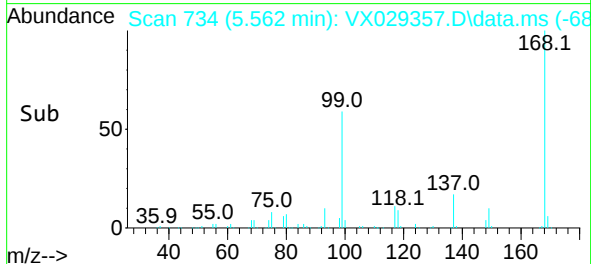
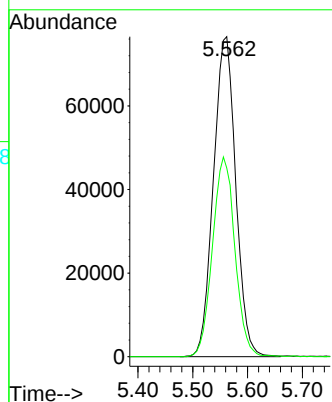


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :

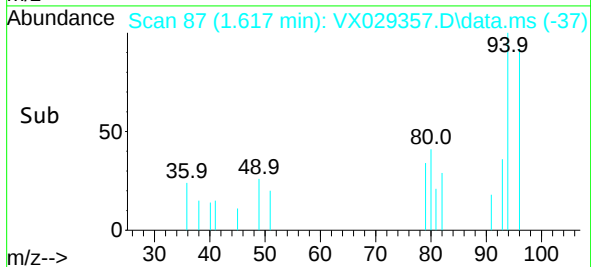
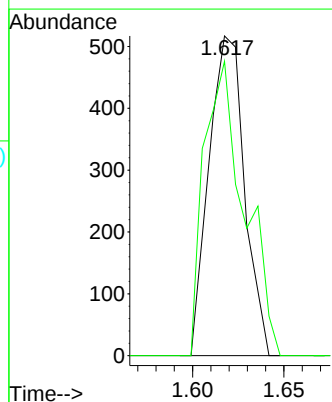
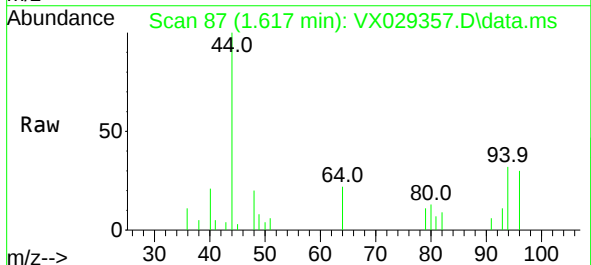


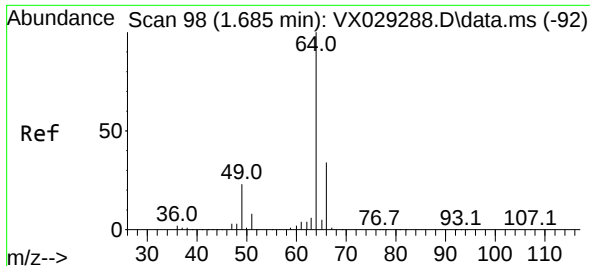
Tgt Ion:168 Resp: 216375
Ion Ratio Lower Upper
168 100
99 59.0 41.7 62.5



#5
Bromomethane
Concen: 0.344 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Tgt Ion: 94 Resp: 700
Ion Ratio Lower Upper
94 100
96 92.1 75.3 112.9

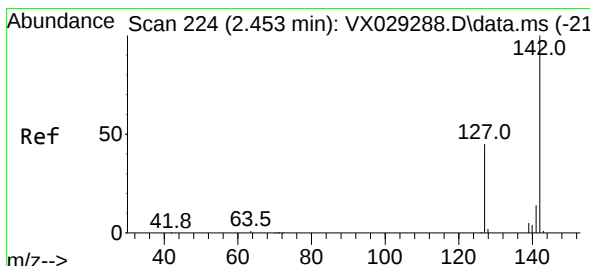
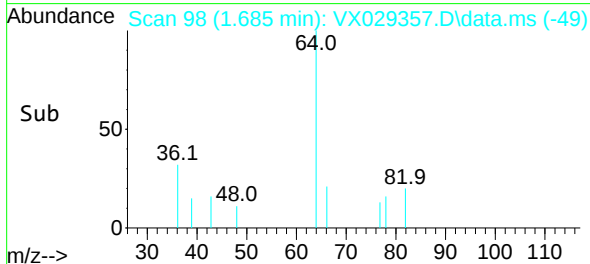
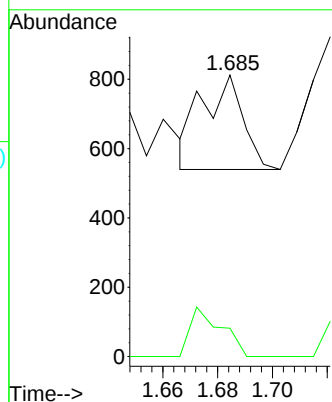
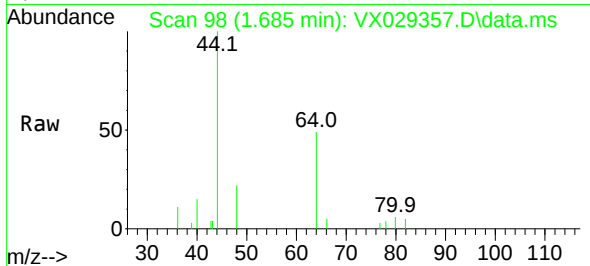




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

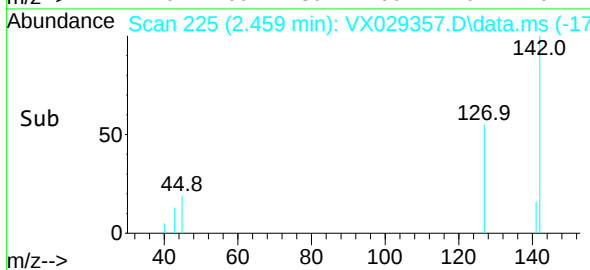
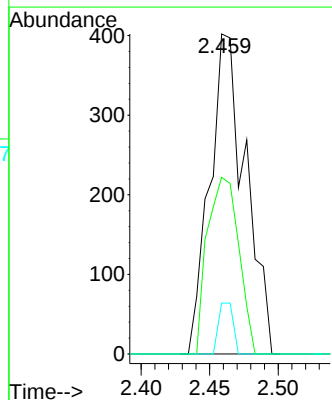
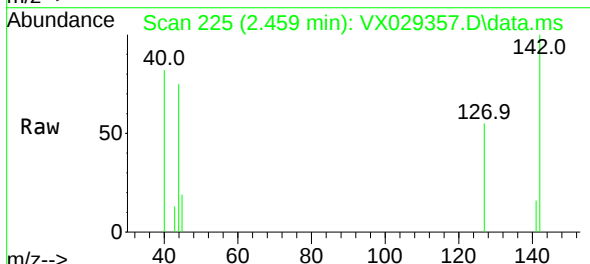
Instrument :
MSVOA_X
ClientSampleId :

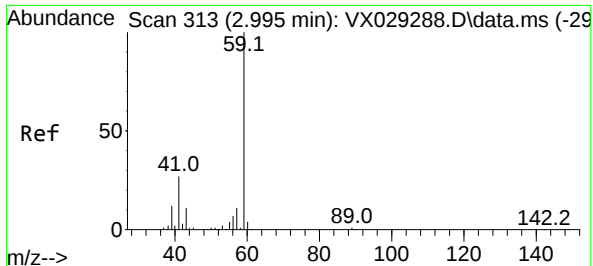
Tgt Ion: 64 Resp: 283
Ion Ratio Lower Upper
64 100
66 30.1 25.3 37.9



#10
Methyl Iodide
Concen: 1.408 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Tgt Ion: 142 Resp: 730
Ion Ratio Lower Upper
142 100
127 48.4 33.9 50.9
141 6.4 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.001 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX029357.D

Acq: 09 Jun 2022 19:55

Instrument :

MSVOA_X

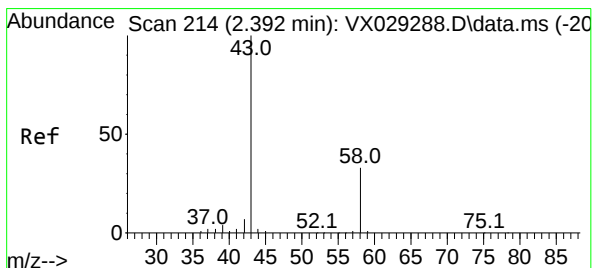
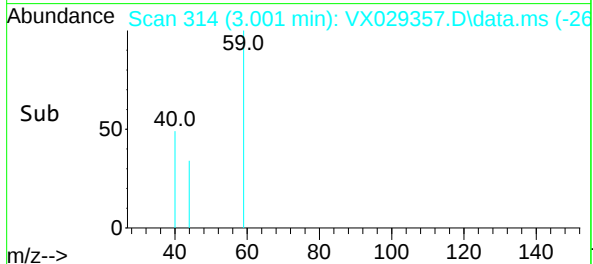
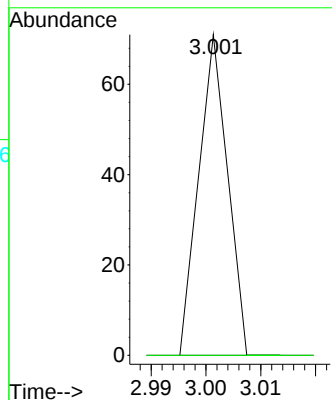
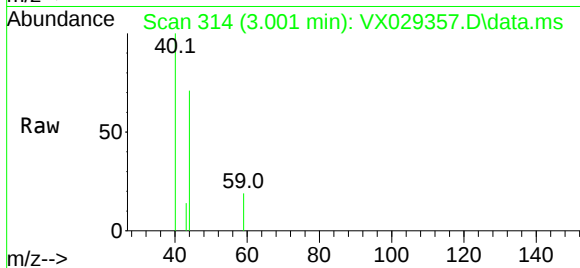
ClientSampleId :

Tgt Ion: 59 Resp: 26

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 5.251 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029357.D

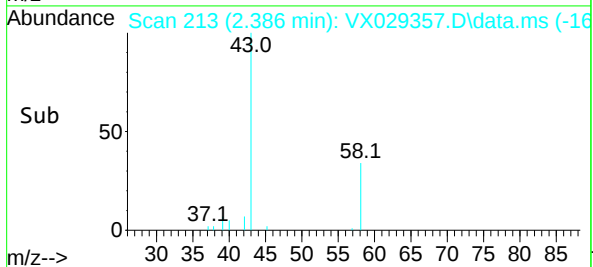
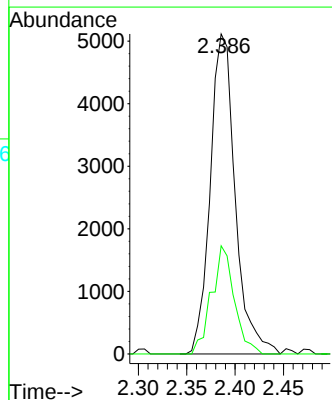
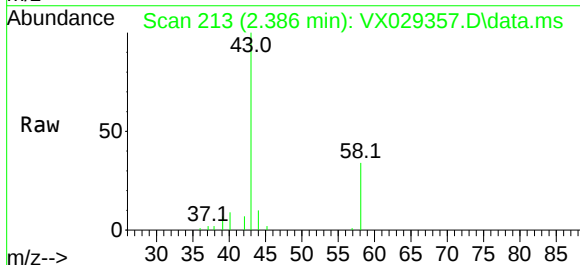
Acq: 09 Jun 2022 19:55

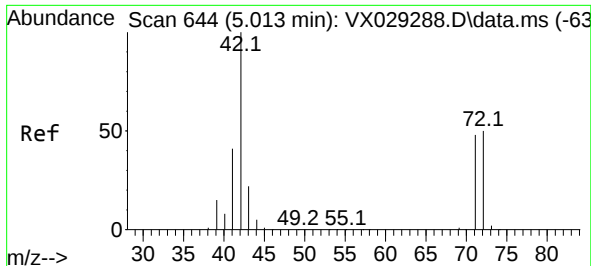
Tgt Ion: 43 Resp: 9191

Ion Ratio Lower Upper

43 100

58 33.8 28.8 43.2





#29

Tetrahydrofuran

Concen: 0.274 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.018 min

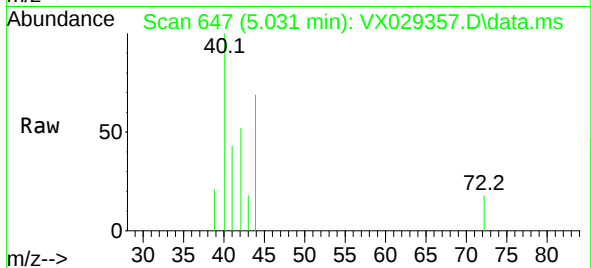
Lab File: VX029357.D

Acq: 09 Jun 2022 19:55

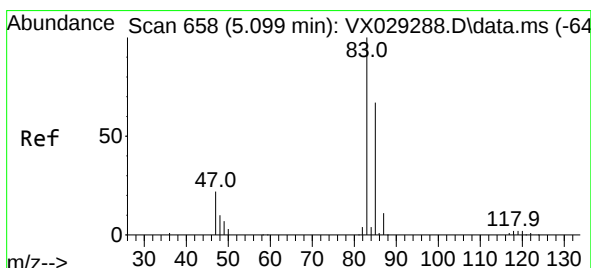
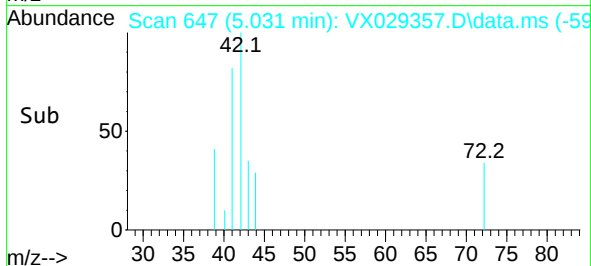
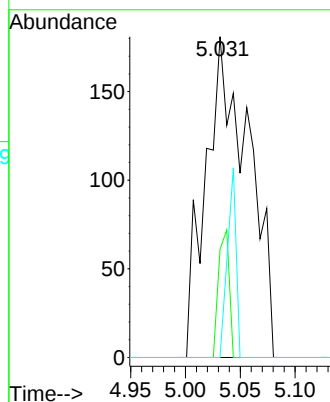
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 42	Resp: 494
Ion Ratio	Lower Upper
42	100
72	9.9 44.1 66.1#
71	11.9 40.5 60.7#



#30

Chloroform

Concen: 0.577 ug/l

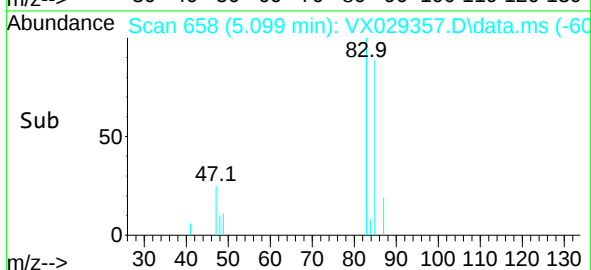
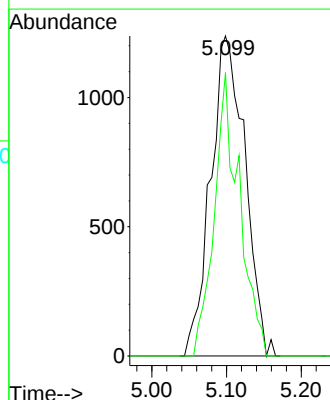
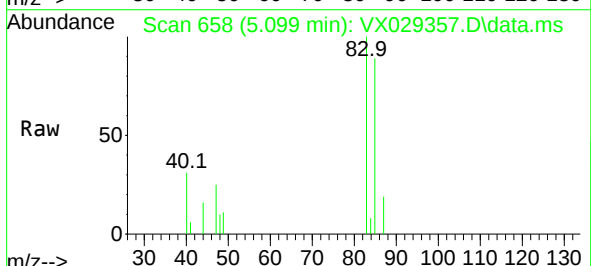
RT: 5.099 min Scan# 658

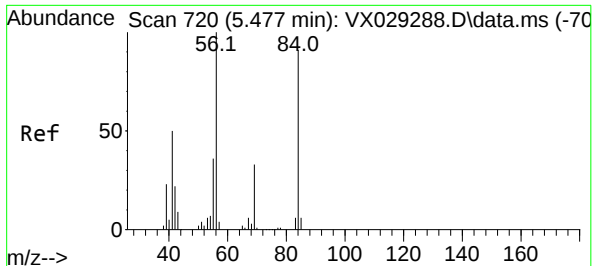
Delta R.T. -0.000 min

Lab File: VX029357.D

Acq: 09 Jun 2022 19:55

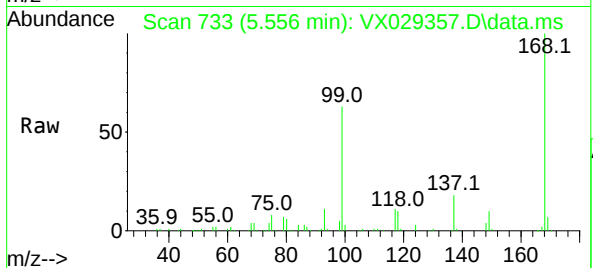
Tgt Ion: 83	Resp: 3958
Ion Ratio	Lower Upper
83	100
85	88.5 52.7 79.1#



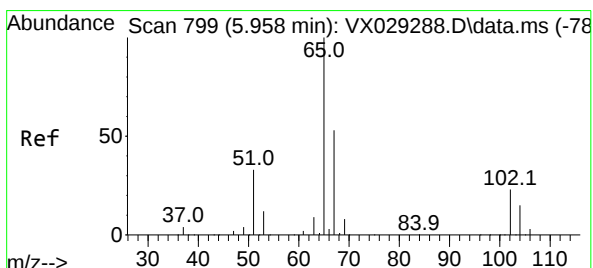
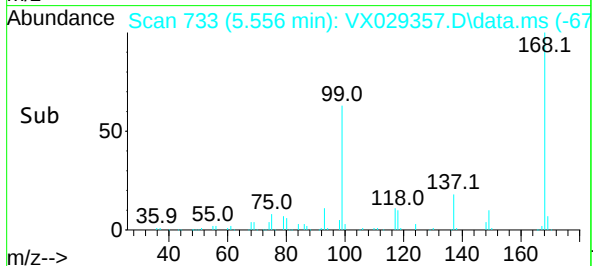
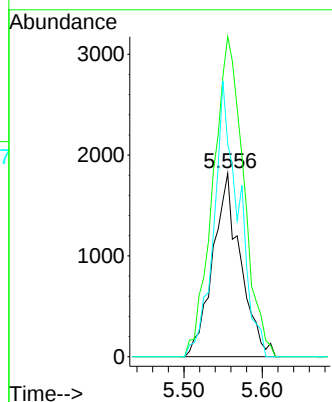


#31
Cyclohexane
Concen: 0.765 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :

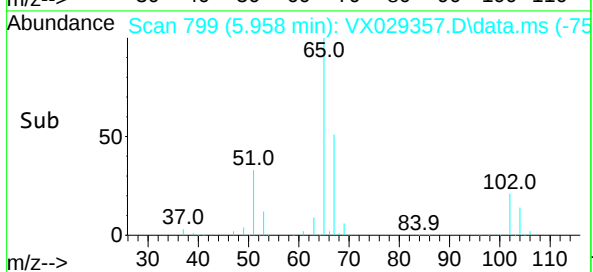
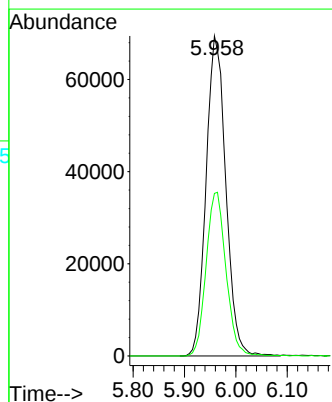
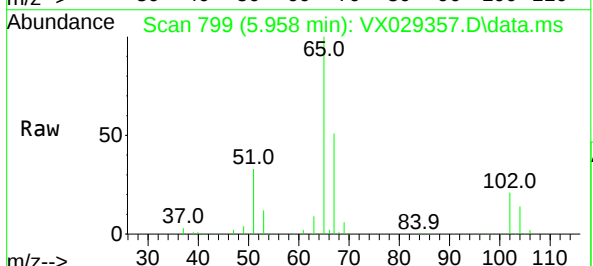


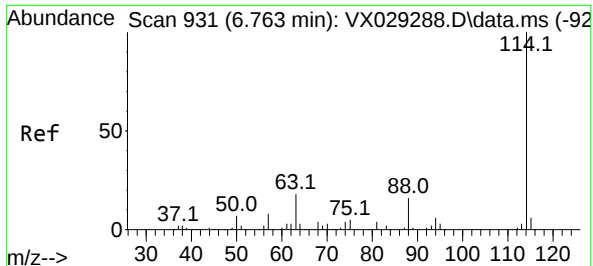
Tgt Ion: 56 Resp: 4486
Ion Ratio Lower Upper
56 100
69 174.5 26.7 40.1#
84 116.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 56.385 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Tgt Ion: 65 Resp: 184977
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX029357.D

Acq: 09 Jun 2022 19:55

Instrument :

MSVOA_X

ClientSampleId :

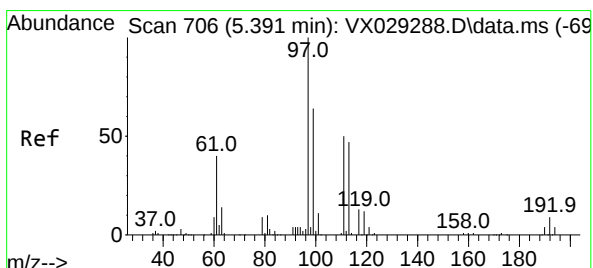
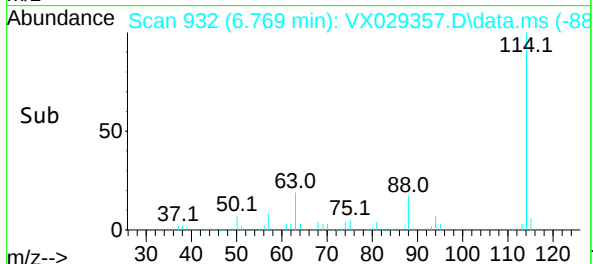
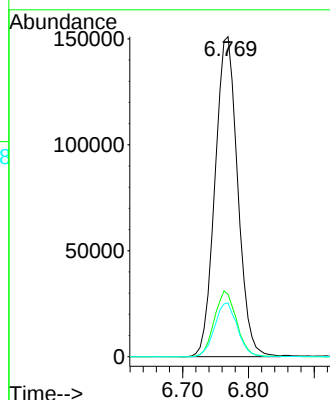
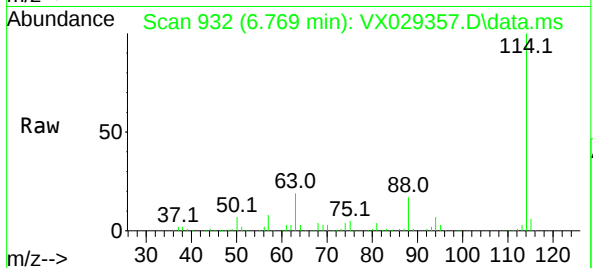
Tgt Ion:114 Resp: 362393

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 52.669 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029357.D

Acq: 09 Jun 2022 19:55

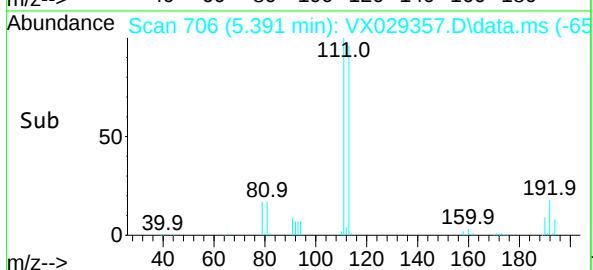
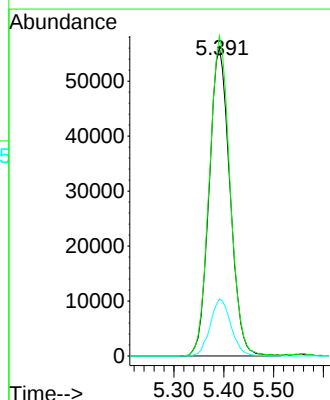
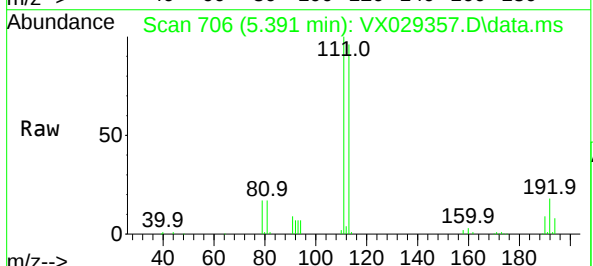
Tgt Ion:113 Resp: 162264

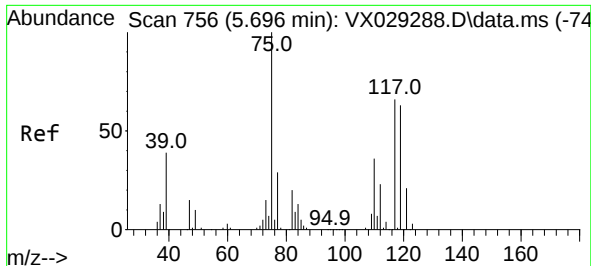
Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.5 16.9 25.3

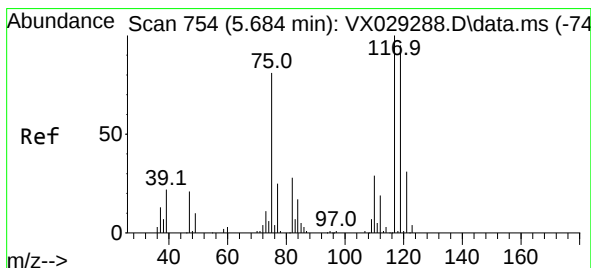
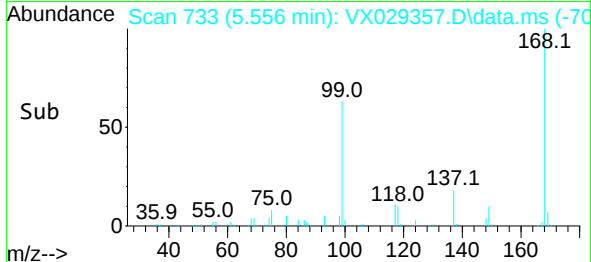
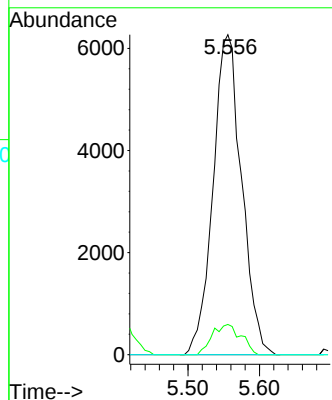
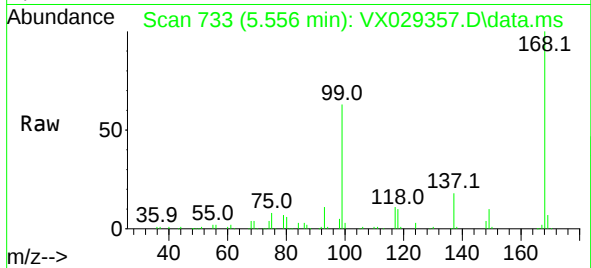




#36
1,1-Dichloropropene
Concen: 3.418 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

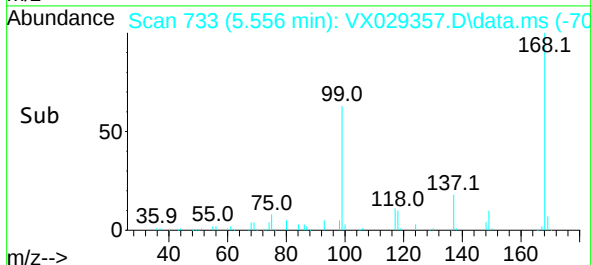
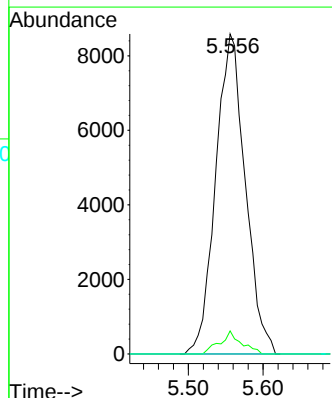
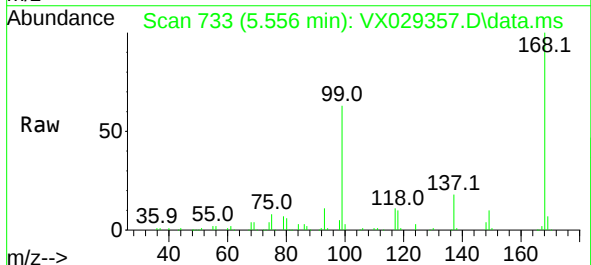
Instrument :
MSVOA_X
ClientSampleId :

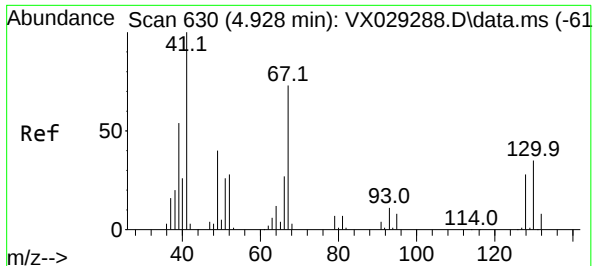
Tgt Ion: 75 Resp: 17394
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.538 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

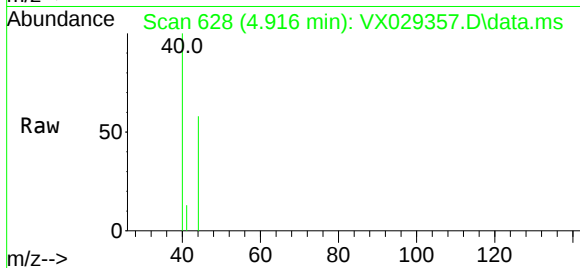
Tgt Ion: 117 Resp: 23605
Ion Ratio Lower Upper
117 100
119 7.2 77.3 115.9#
121 0.0 24.2 36.2#



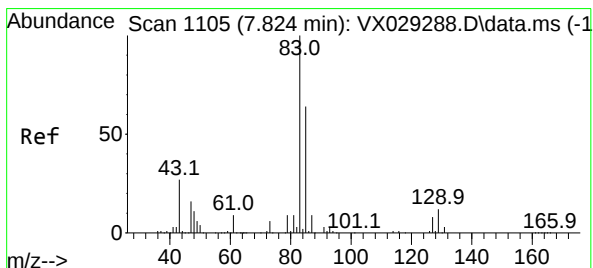
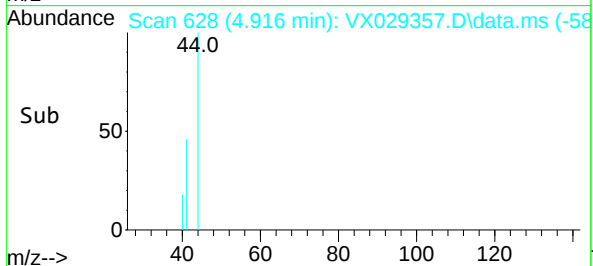
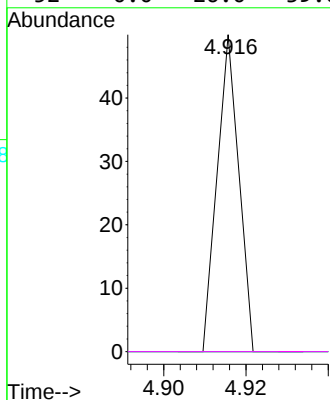


#41
Methacrylonitrile
Concen: Below Cal
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :

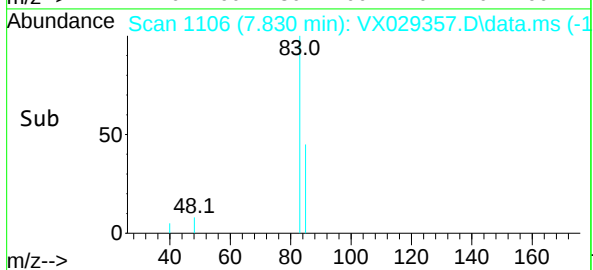
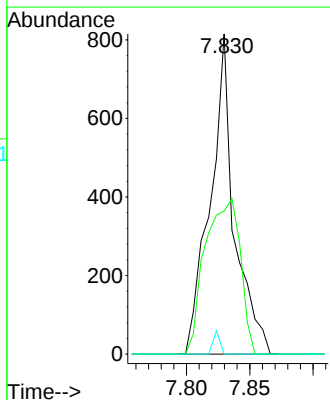
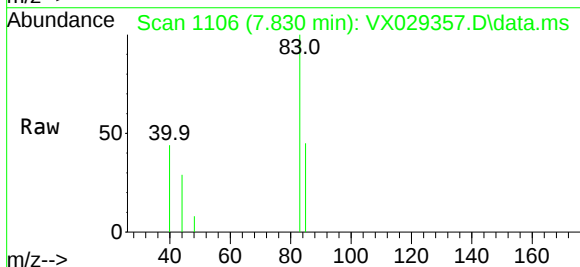


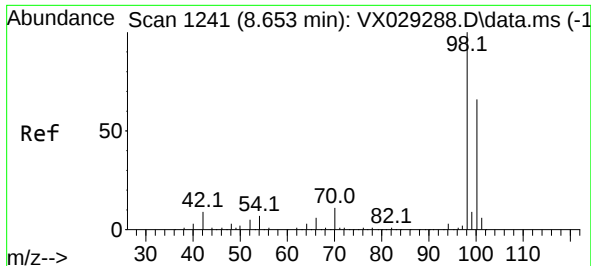
Tgt Ion: 41	Resp: 18
Ion Ratio	Lower Upper
41 100	
39 0.0	43.0 64.4#
67 0.0	70.2 105.4#
52 0.0	26.0 39.0#



#47
Bromodichloromethane
Concen: 0.211 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Tgt Ion: 83	Resp: 1075		
Ion Ratio	Lower	Upper	
83 100			
85 44.7	52.2	78.2#	
127 0.0	6.8	10.2#	

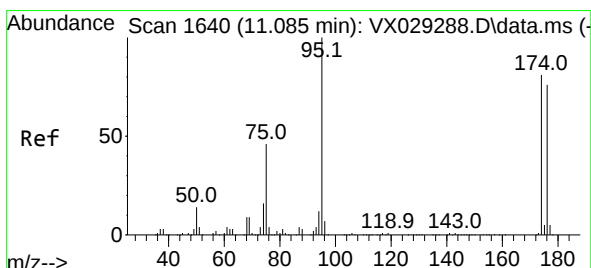
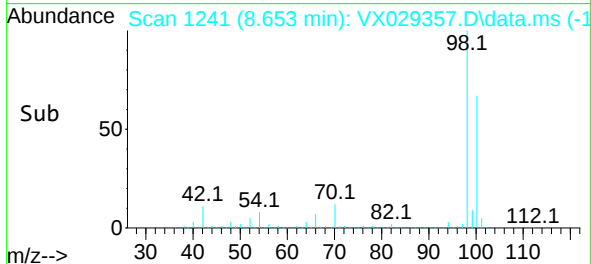
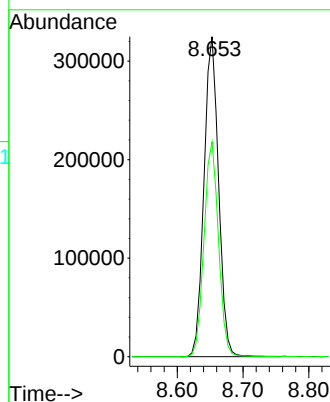
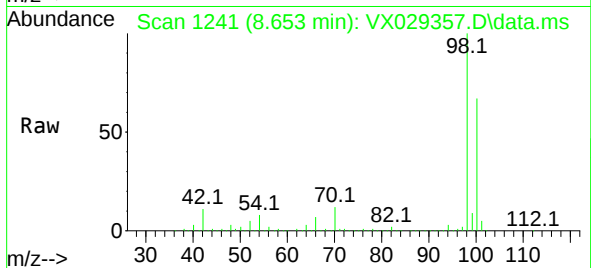




#50
Toluene-d8
Concen: 45.948 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

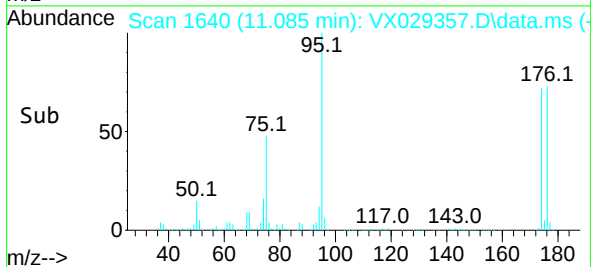
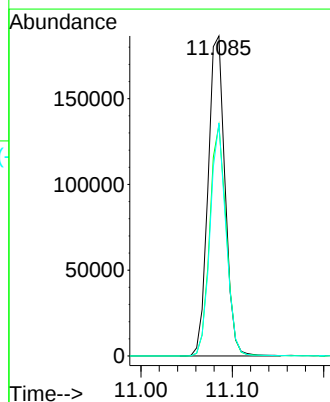
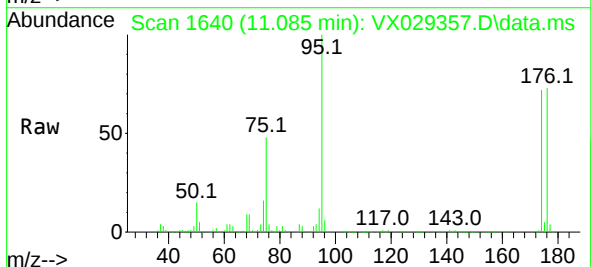
Instrument :
MSVOA_X
ClientSampleId :

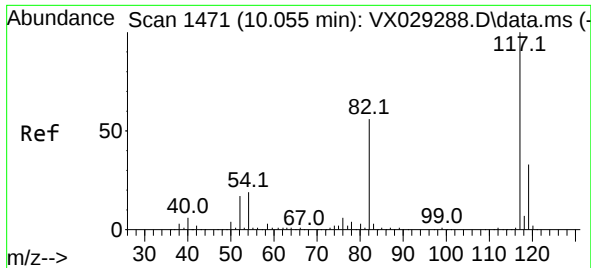
Tgt Ion: 98 Resp: 500653
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 56.269 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Tgt Ion: 95 Resp: 239932
Ion Ratio Lower Upper
95 100
174 70.1 0.0 163.0
176 68.3 0.0 155.0

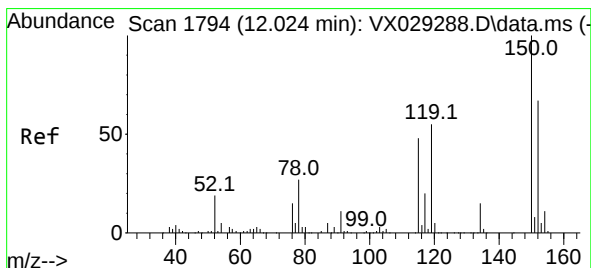
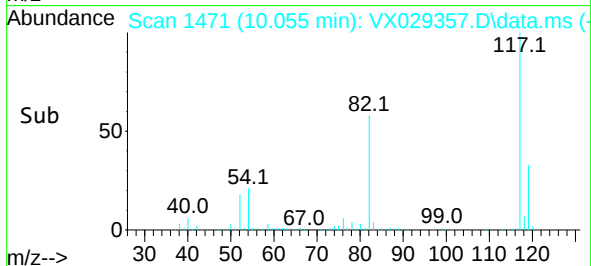
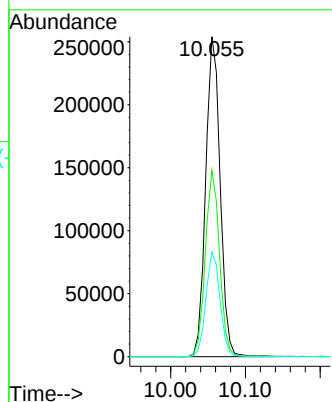
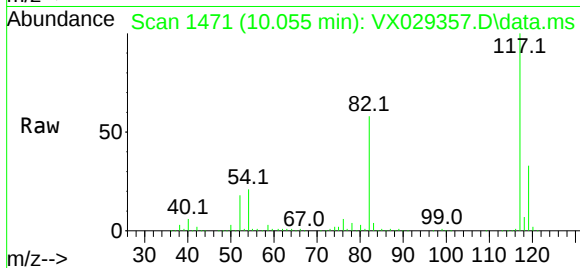




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

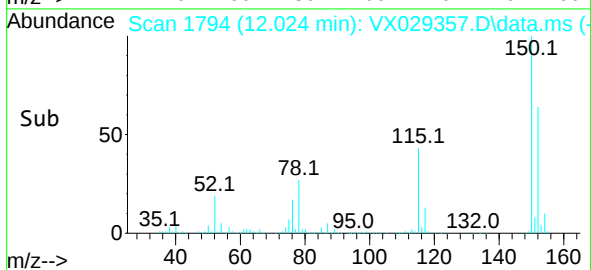
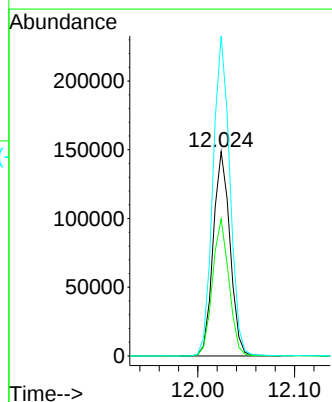
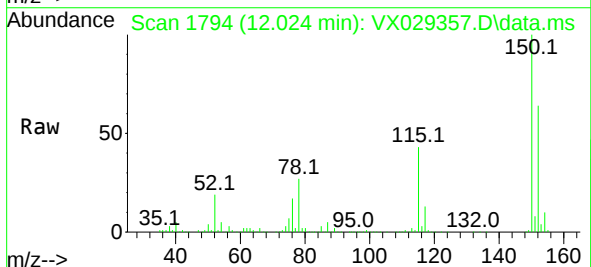
Instrument :
MSVOA_X
ClientSampleId :

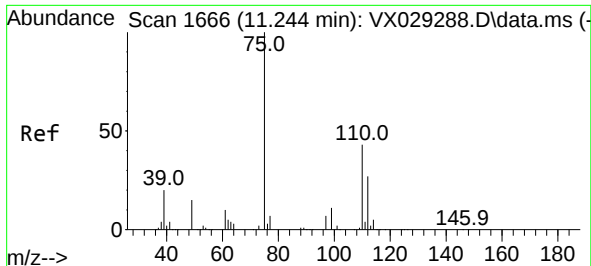
Tgt Ion:117 Resp: 341154
Ion Ratio Lower Upper
117 100
82 58.2 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Tgt Ion:152 Resp: 179359
Ion Ratio Lower Upper
152 100
115 65.6 37.5 112.7
150 157.6 0.0 338.2

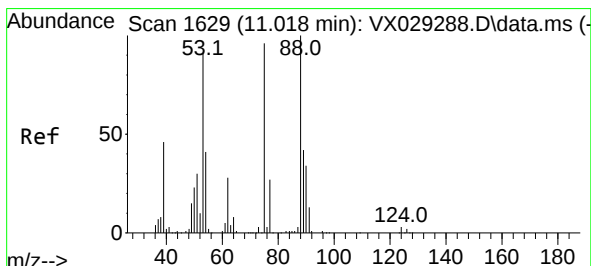
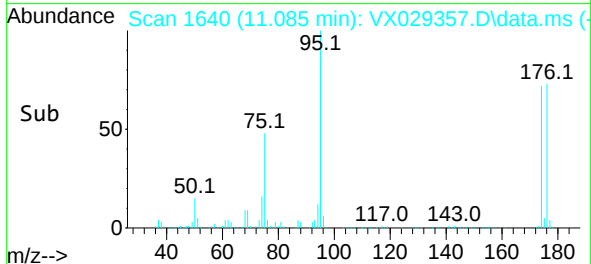
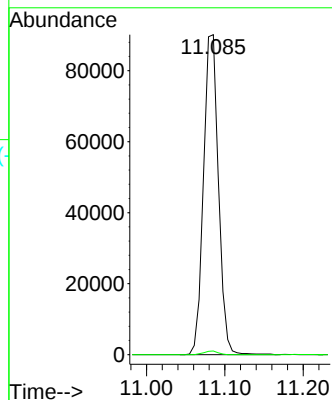
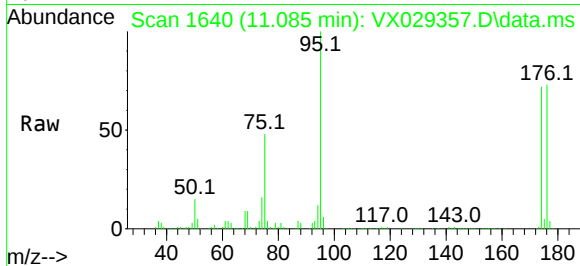




#76
1,2,3-Trichloropropane
Concen: 28.517 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 119465
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.980 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029357.D
Acq: 09 Jun 2022 19:55

Tgt Ion: 75 Resp: 119465
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

