

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029933.D
 Acq On : 06 Jul 2022 10:47
 Operator : JC/MD
 Sample : VX0706WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:31:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	203667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	347052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109378	42.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.860%
35) Dibromofluoromethane	5.385	113	100612	46.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	8.653	98	398974	49.035	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	131899	45.860	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.720%

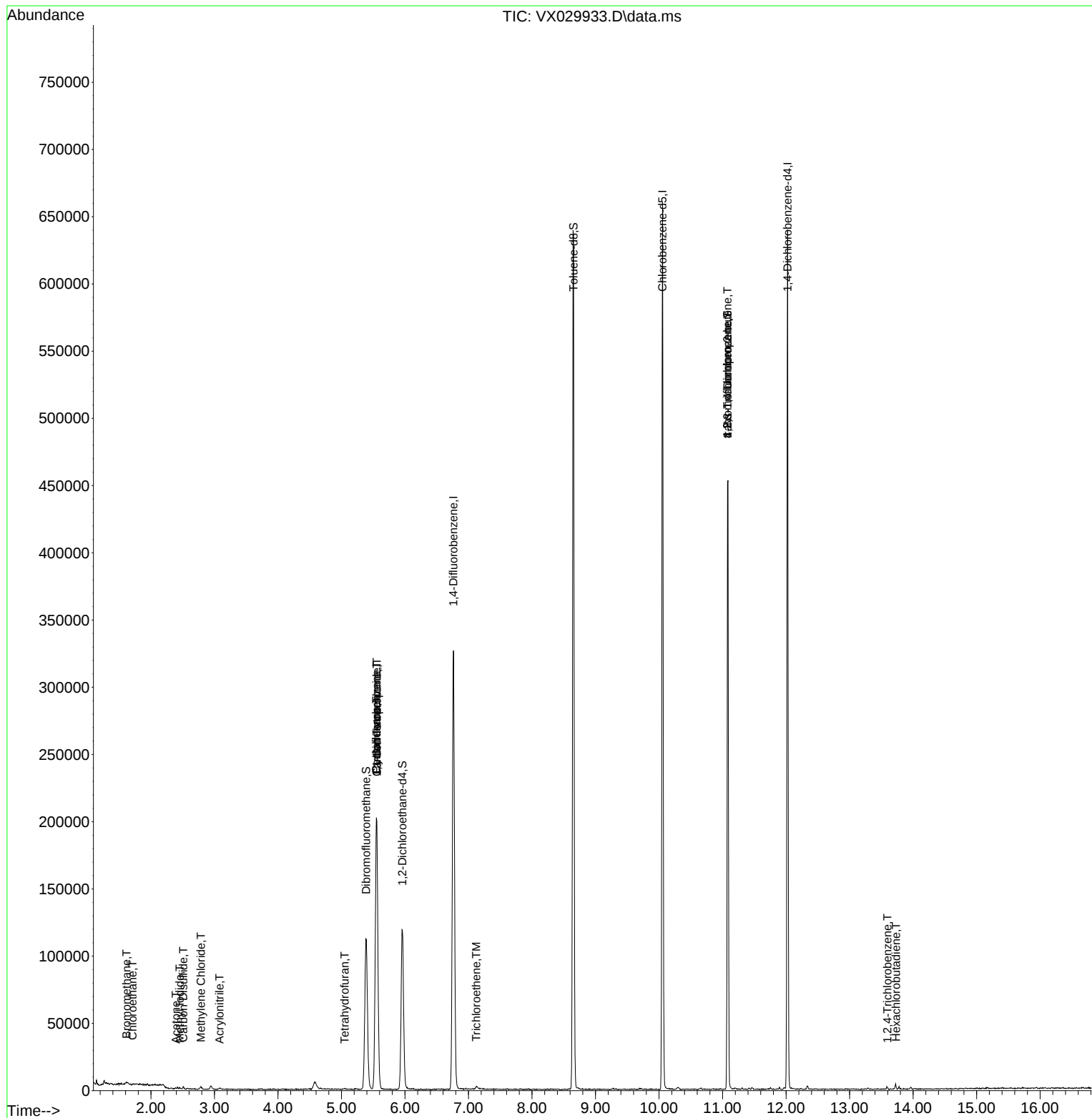
Target Compounds				Qvalue		
5) Bromomethane	1.617	94	579	0.462	ug/l	95
6) Chloroethane	1.709	64	231	1.172	ug/l #	41
10) Methyl Iodide	2.453	142	704	2.115	ug/l #	92
13) Acrolein	2.245	56	155	Below Cal	#	82
15) Acrylonitrile	3.081	53	503	0.320	ug/l	98
16) Acetone	2.392	43	832	0.660	ug/l	99
17) Carbon Disulfide	2.508	76	1559	0.299	ug/l	99
20) Methylene Chloride	2.788	84	754	0.283	ug/l #	88
29) Tetrahydrofuran	5.050	42	413	0.287	ug/l #	91
31) Cyclohexane	5.550	56	4414	1.228	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15347	5.320	ug/l #	49
38) Carbon Tetrachloride	5.556	117	19230	7.693	ug/l #	17
44) Trichloroethene	7.123	130	765	0.305	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	61506	20.235	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61506	64.261	ug/l #	13
93) 1,2,4-Trichlorobenzene	13.597	180	614	0.243	ug/l #	85
94) Hexachlorobutadiene	13.731	225	607	0.650	ug/l	94

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
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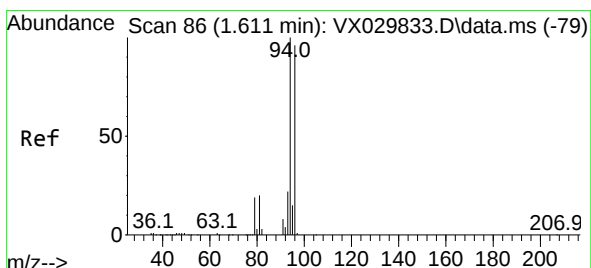
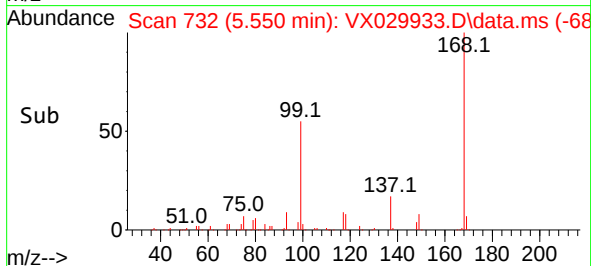
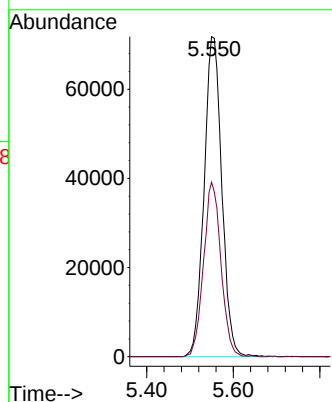
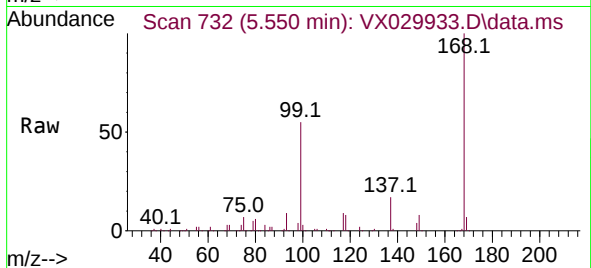




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

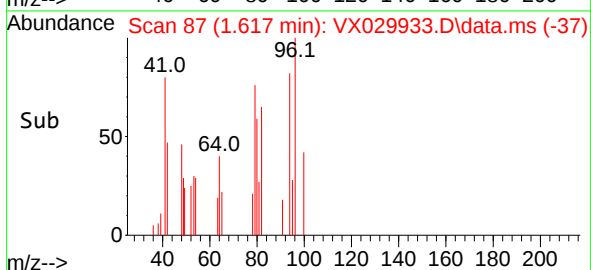
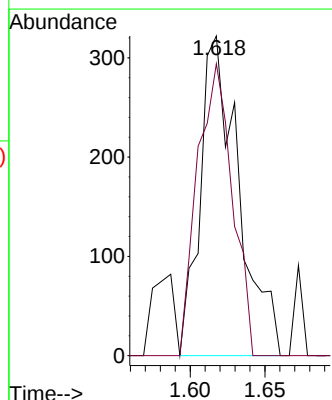
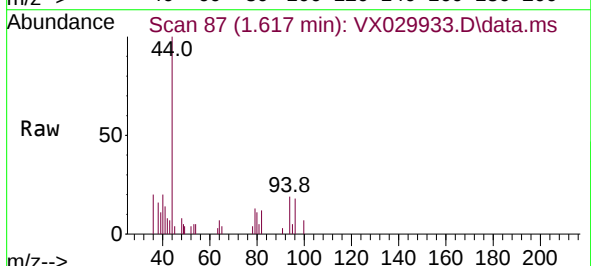
Instrument :
MSVOA_X
ClientSampleId :

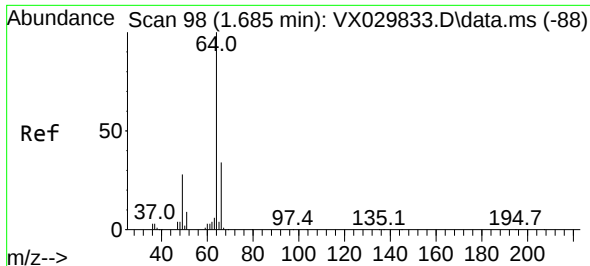
Tgt Ion:168 Resp: 203667
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#5
Bromomethane
Concen: 0.462 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

Tgt Ion: 94 Resp: 579
Ion Ratio Lower Upper
94 100
96 91.3 76.9 115.3

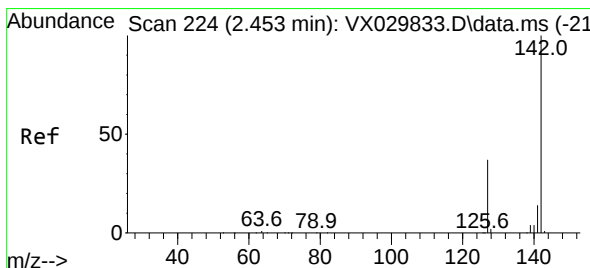
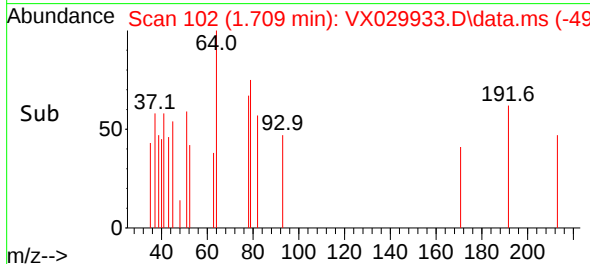
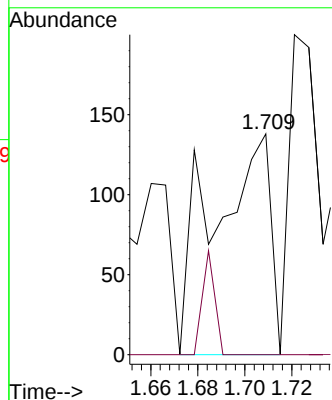
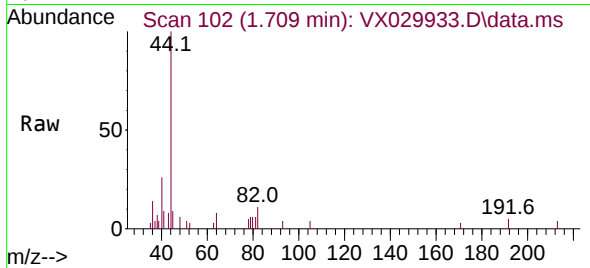




#6
Chloroethane
Concen: 1.172 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

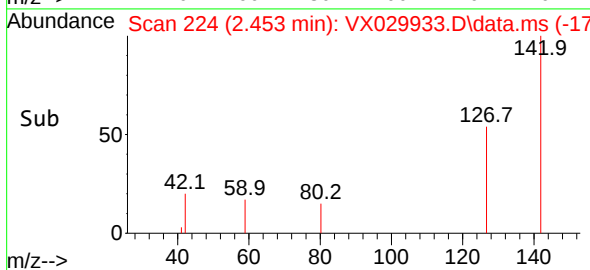
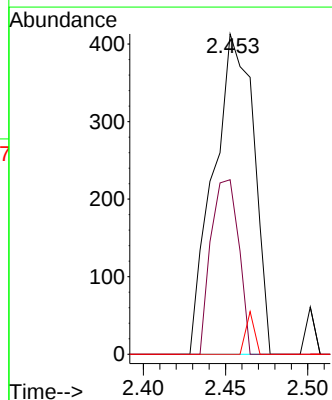
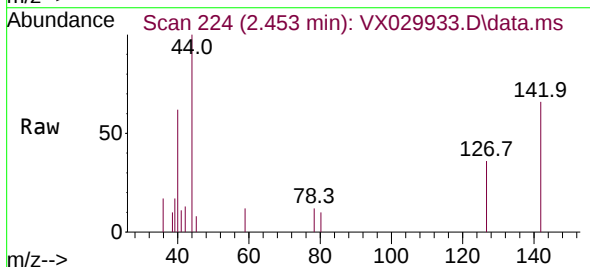
Instrument :
MSVOA_X
ClientSampleId :

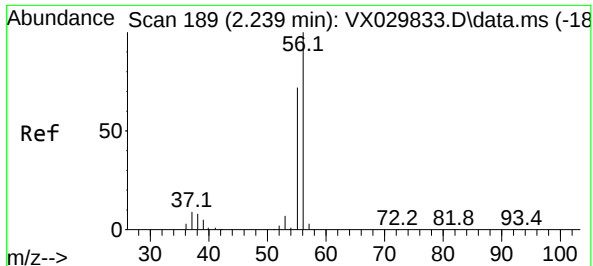
Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.115 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

Tgt Ion: 142 Resp: 704
Ion Ratio Lower Upper
142 100
127 37.6 30.2 45.2
141 2.8 11.3 16.9#





#13

Acrolein

Concen: Below Cal

RT: 2.245 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX029933.D

Acq: 06 Jul 2022 10:47

Instrument :

MSVOA_X

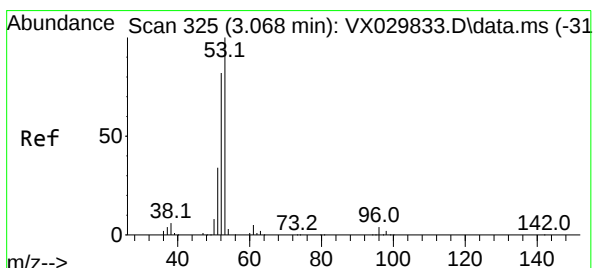
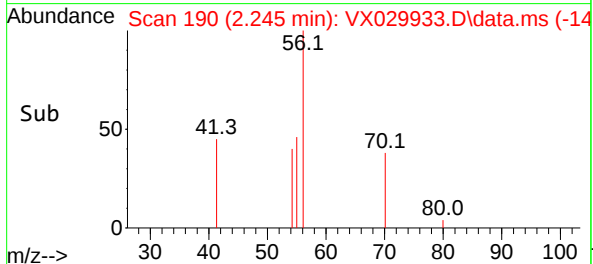
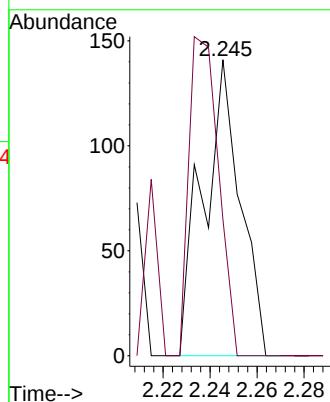
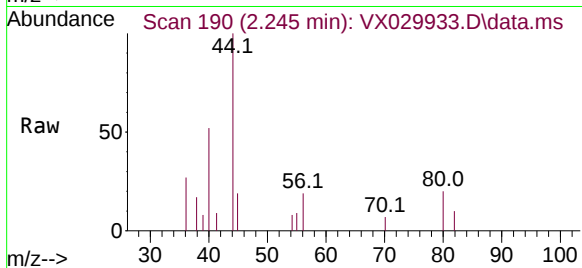
ClientSampleId :

Tgt Ion: 56 Resp: 155

Ion Ratio Lower Upper

56 100

55 85.8 56.6 84.8#



#15

Acrylonitrile

Concen: 0.320 ug/l

RT: 3.081 min Scan# 327

Delta R.T. 0.012 min

Lab File: VX029933.D

Acq: 06 Jul 2022 10:47

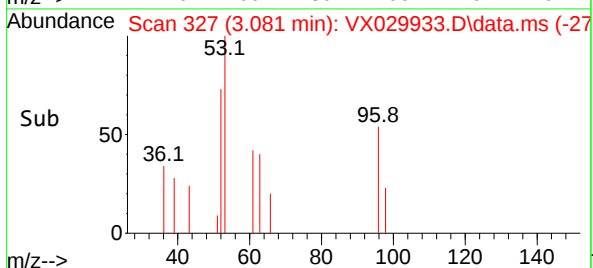
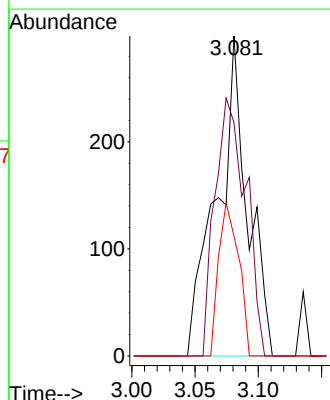
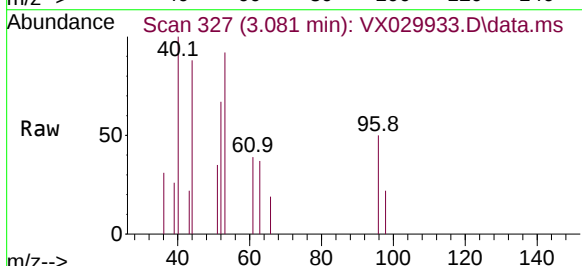
Tgt Ion: 53 Resp: 503

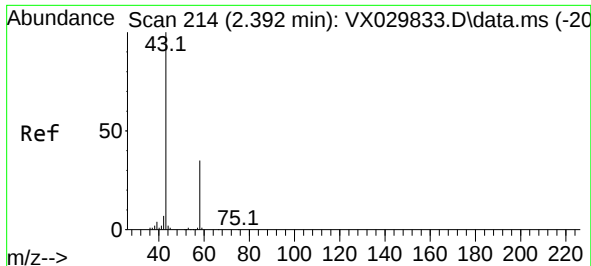
Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.0

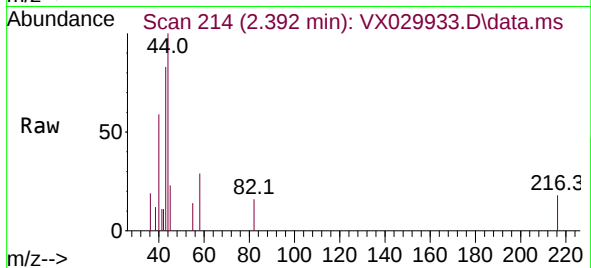
51 31.2 27.7 41.5



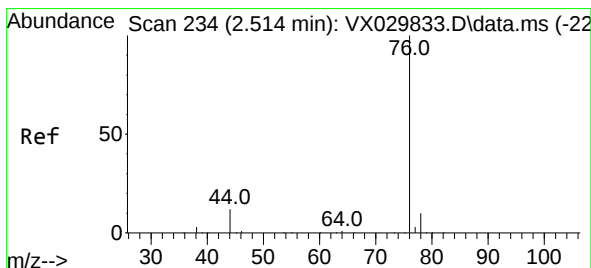
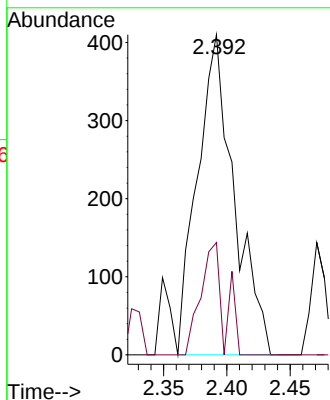
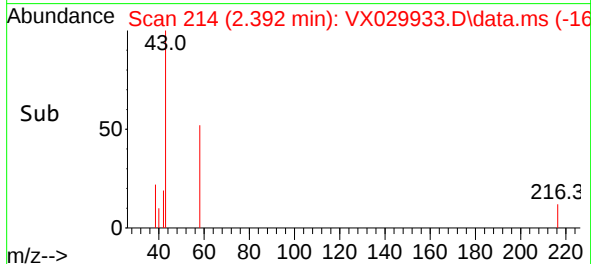


#16
Acetone
Concen: 0.660 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

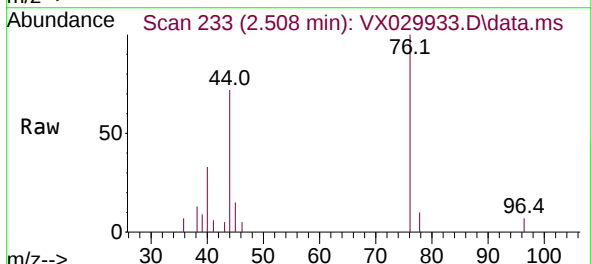
Instrument :
MSVOA_X
ClientSampleId :



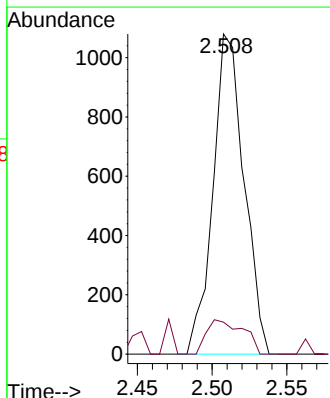
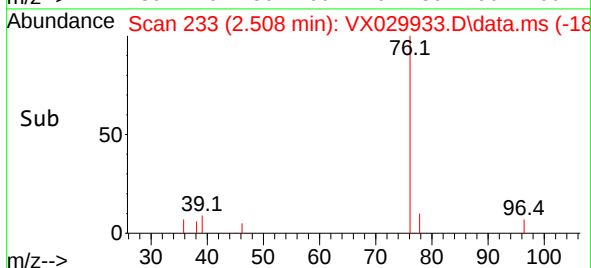
Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
58 35.1 27.7 41.5

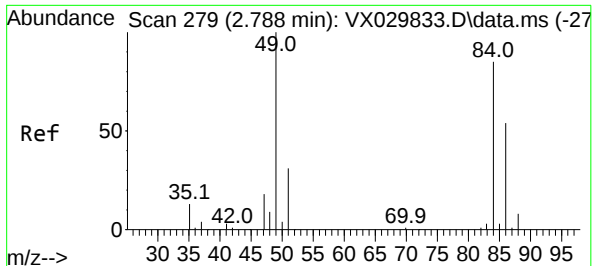


#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47



Tgt Ion: 76 Resp: 1559
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.6





#20

Methylene Chloride

Concen: 0.283 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX029933.D

Acq: 06 Jul 2022 10:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 754

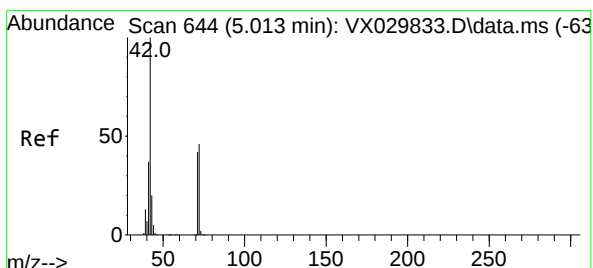
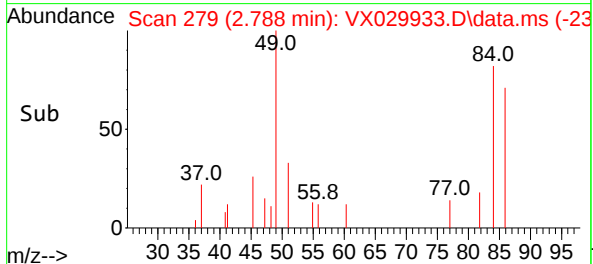
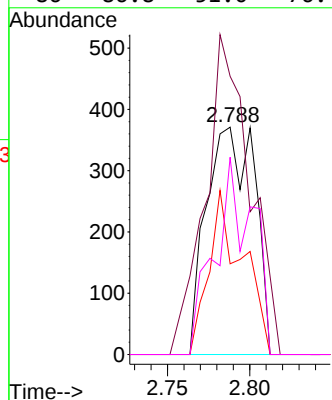
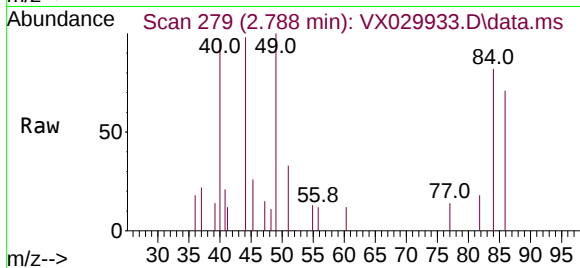
Ion Ratio Lower Upper

84 100

49 122.4 93.8 140.6

51 39.9 29.4 44.0

86 86.8 51.0 76.4#



#29

Tetrahydrofuran

Concen: 0.287 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.037 min

Lab File: VX029933.D

Acq: 06 Jul 2022 10:47

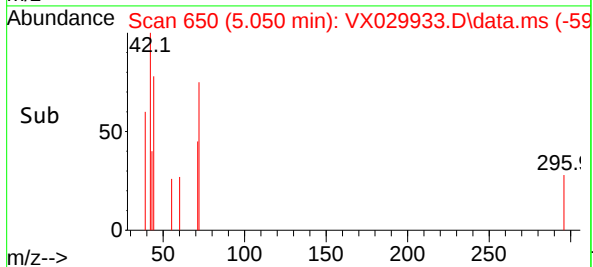
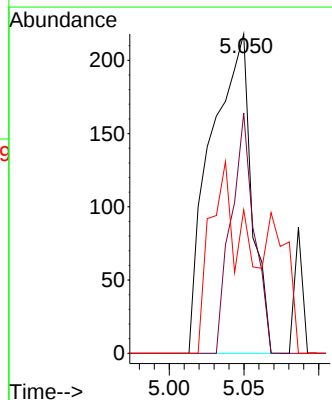
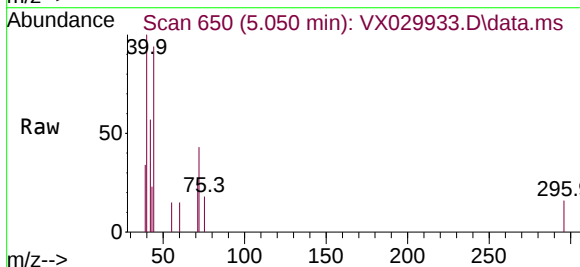
Tgt Ion: 42 Resp: 413

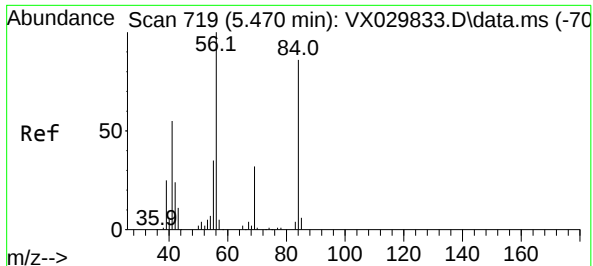
Ion Ratio Lower Upper

42 100

72 42.9 36.5 54.7

71 52.1 33.9 50.9#

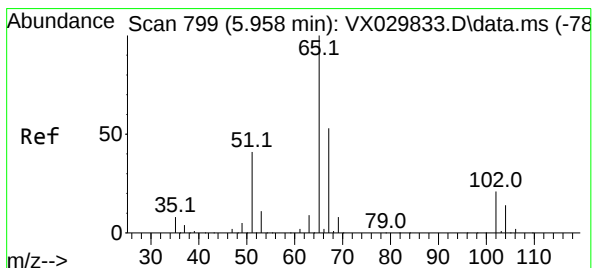
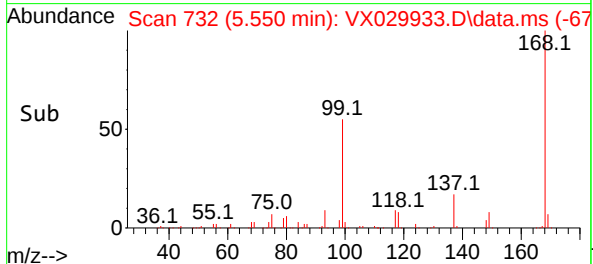
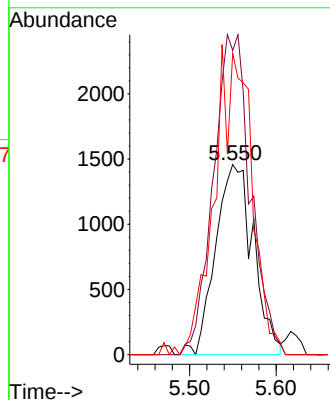
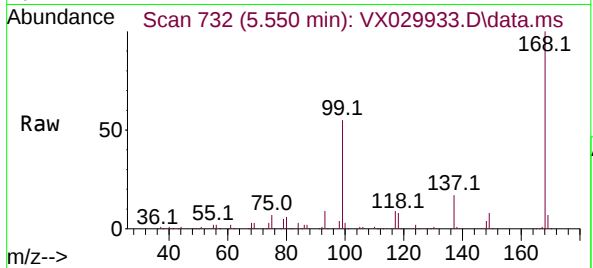




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

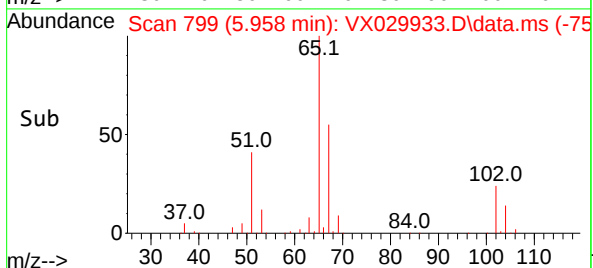
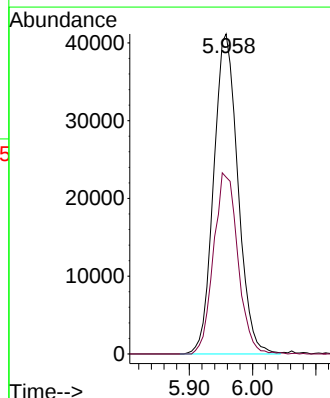
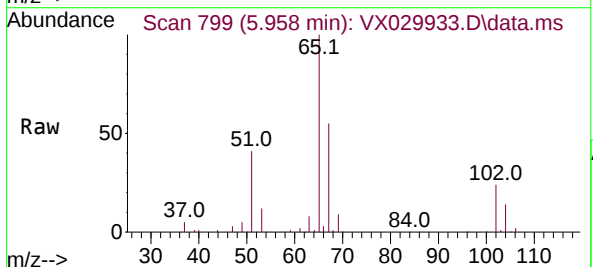
Instrument :
MSVOA_X
ClientSampleId :

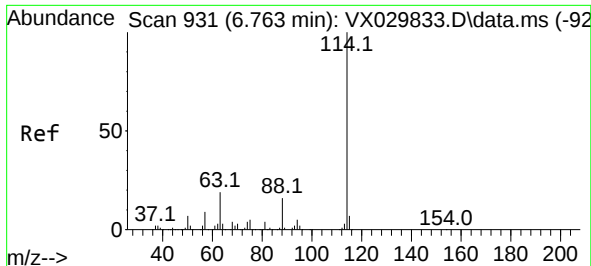
Tgt Ion: 56 Resp: 4414
Ion Ratio Lower Upper
56 100
69 160.2 25.4 38.0#
84 158.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 42.426 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

Tgt Ion: 65 Resp: 109378
Ion Ratio Lower Upper
65 100
67 56.8 0.0 109.6

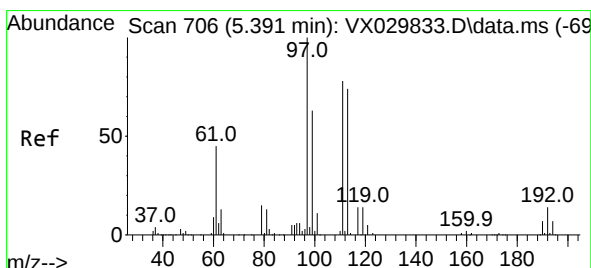
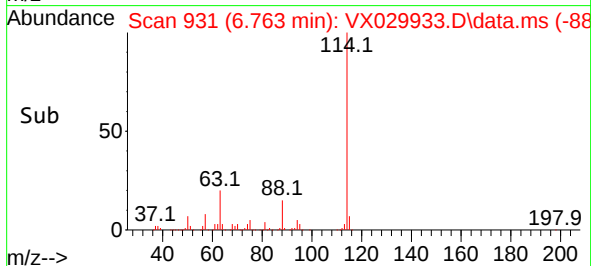
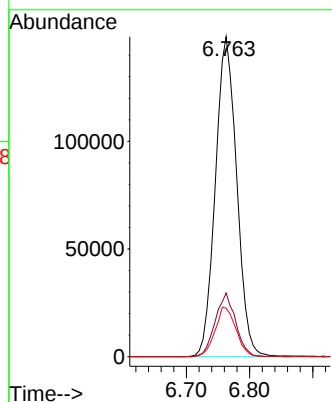
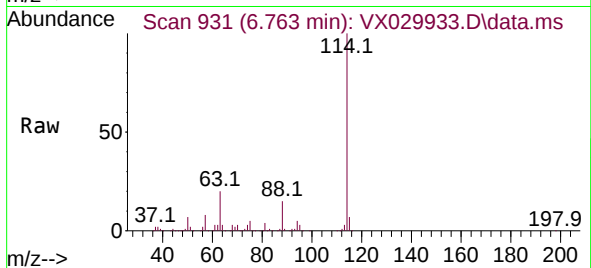




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

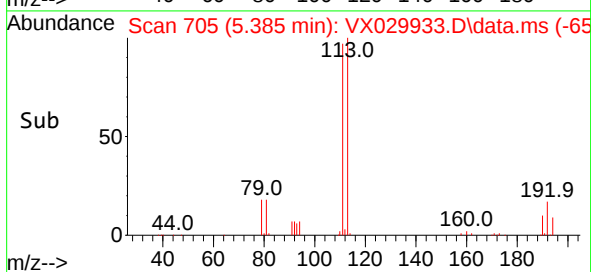
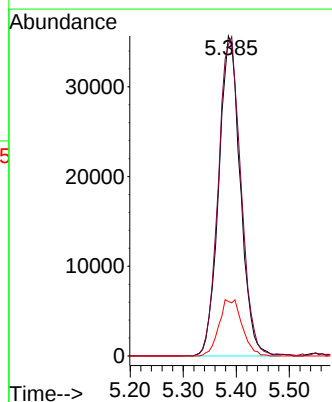
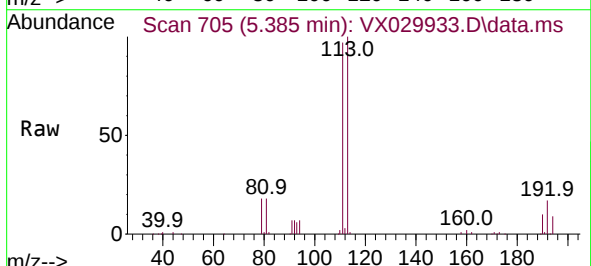
Instrument :
MSVOA_X
ClientSampleId :

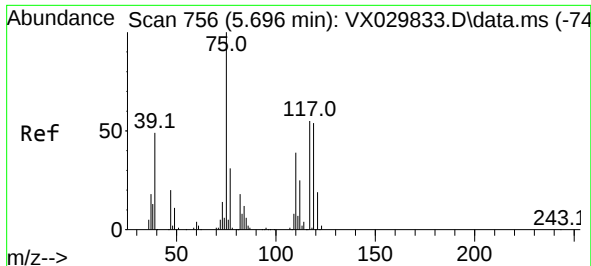
Tgt Ion:114 Resp: 347052
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.4
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.389 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

Tgt Ion:113 Resp: 100612
Ion Ratio Lower Upper
113 100
111 104.6 83.2 124.8
192 18.9 14.8 22.2

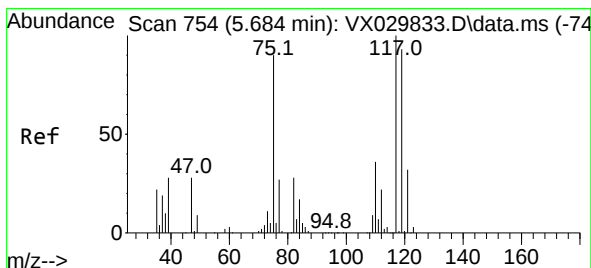
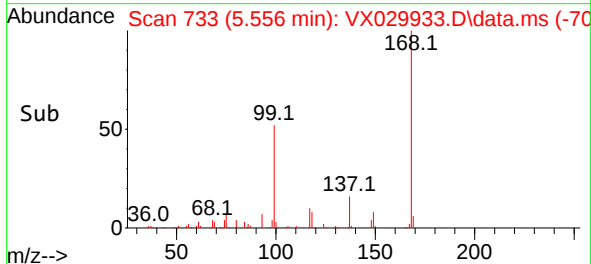
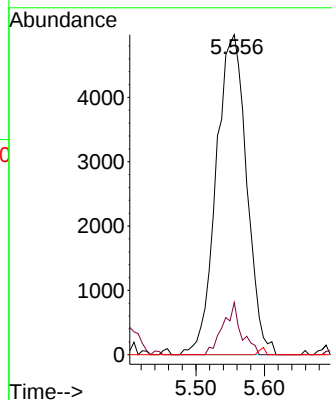
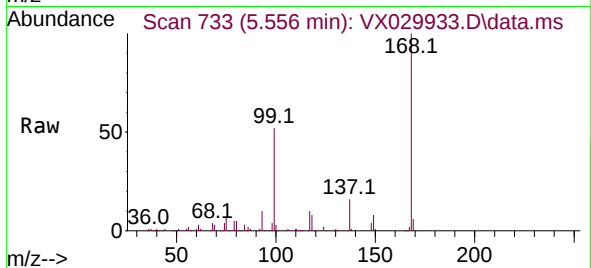




#36
1,1-Dichloropropene
Concen: 5.320 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

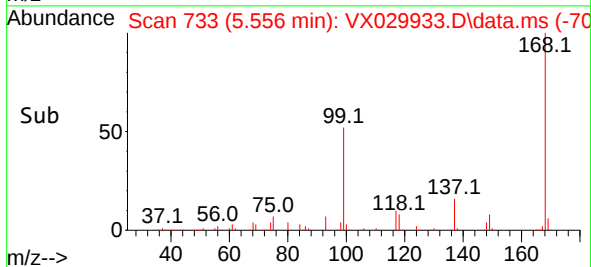
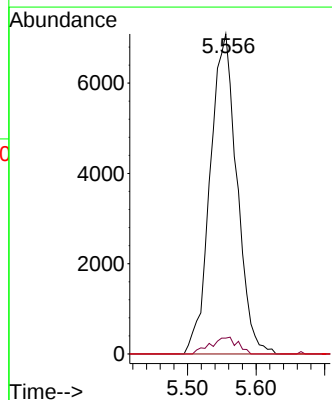
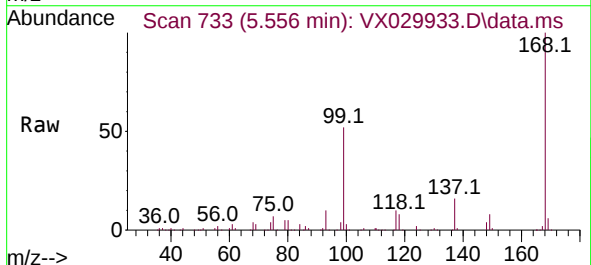
Instrument :
MSVOA_X
ClientSampleId :

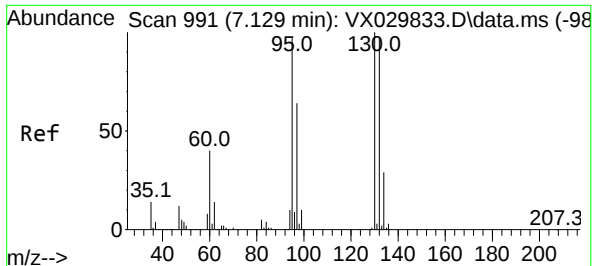
Tgt Ion: 75 Resp: 15347
Ion Ratio Lower Upper
75 100
110 9.8 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.693 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

Tgt Ion: 117 Resp: 19230
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#

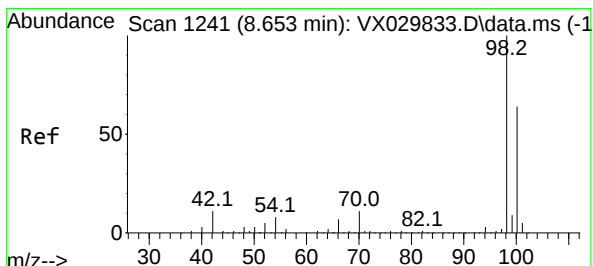
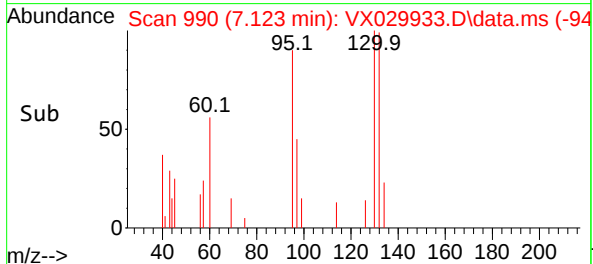
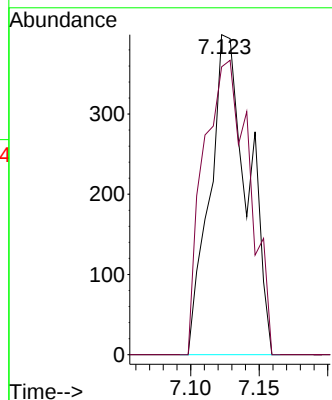
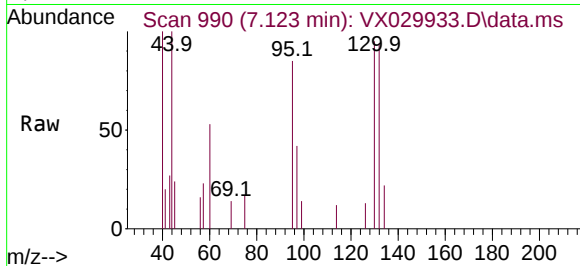




#44
Trichloroethene
Concen: 0.305 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

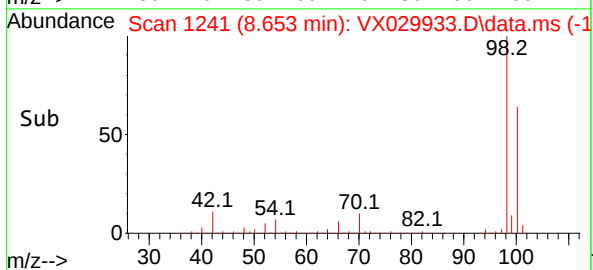
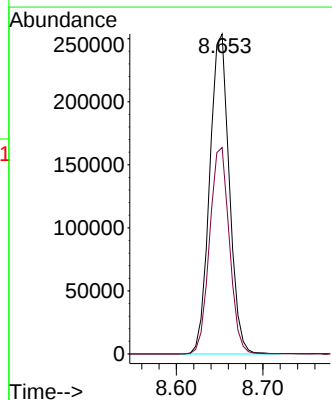
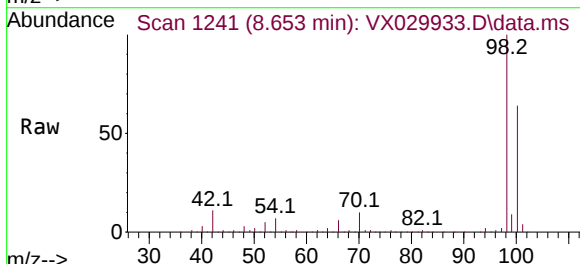
Instrument :
MSVOA_X
ClientSampleId :

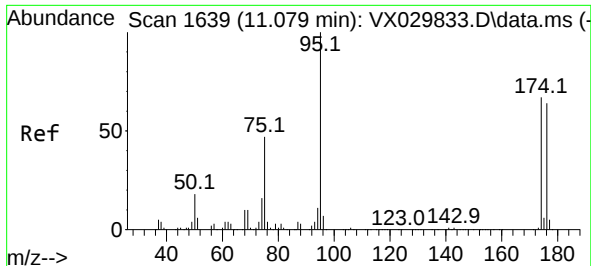
Tgt Ion:130 Resp: 765
Ion Ratio Lower Upper
130 100
95 90.0 0.0 194.8



#50
Toluene-d8
Concen: 49.035 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

Tgt Ion: 98 Resp: 398974
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

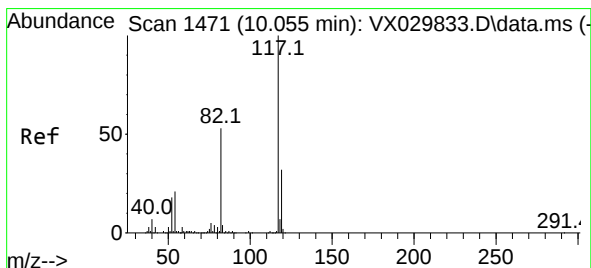
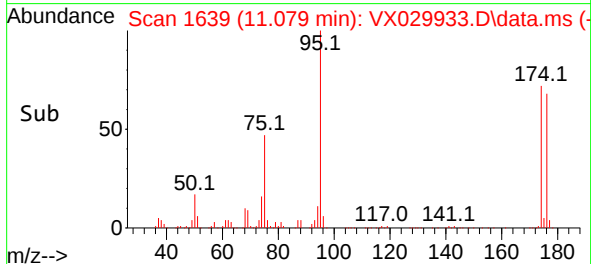
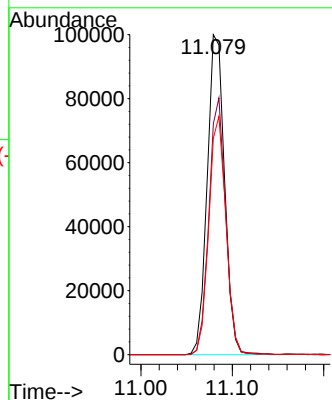
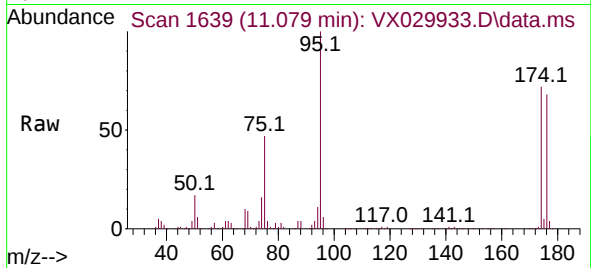




#62
4-Bromofluorobenzene
Concen: 45.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

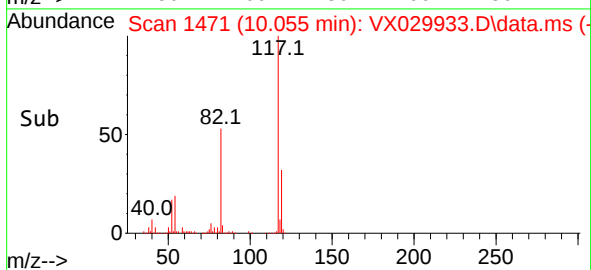
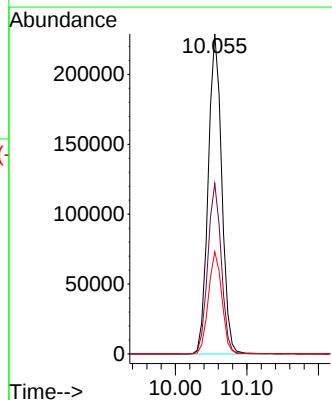
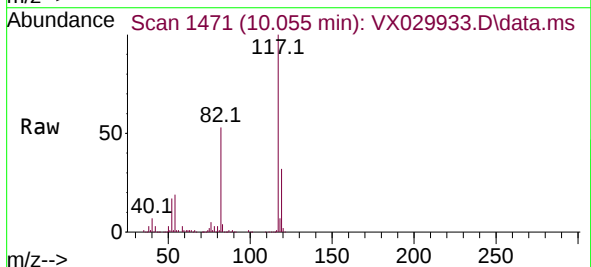
Instrument :
MSVOA_X
ClientSampleId :

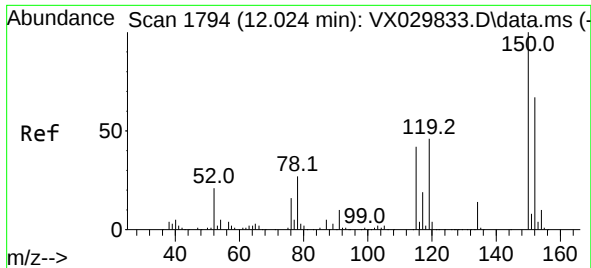
Tgt Ion: 95 Resp: 131899
Ion Ratio Lower Upper
95 100
174 77.6 0.0 149.0
176 73.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

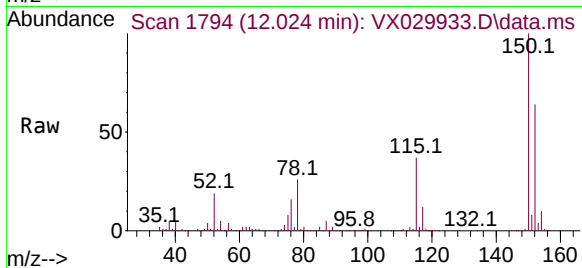
Tgt Ion: 117 Resp: 301508
Ion Ratio Lower Upper
117 100
82 53.3 42.7 64.1
119 32.0 25.4 38.2



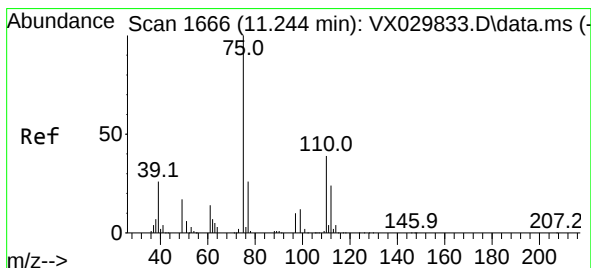
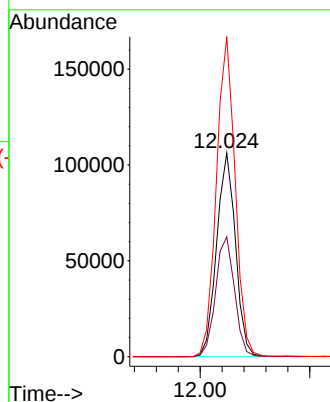
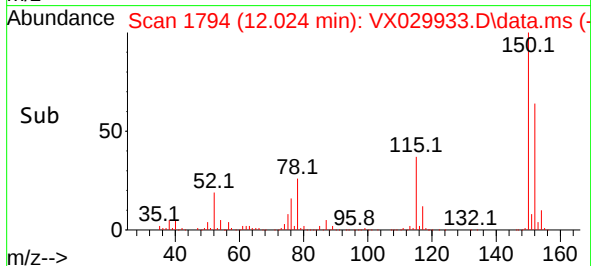


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029933.D
 Acq: 06 Jul 2022 10:47

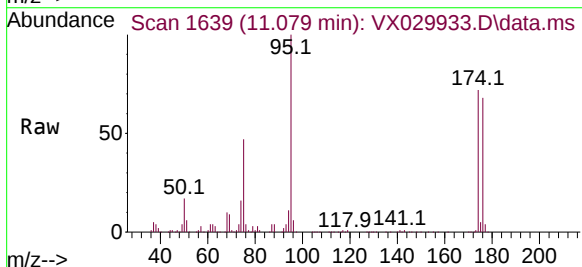
Instrument :
 MSVOA_X
 ClientSampleId :



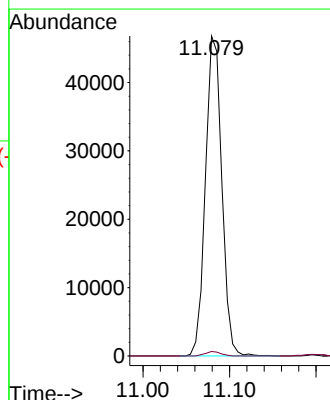
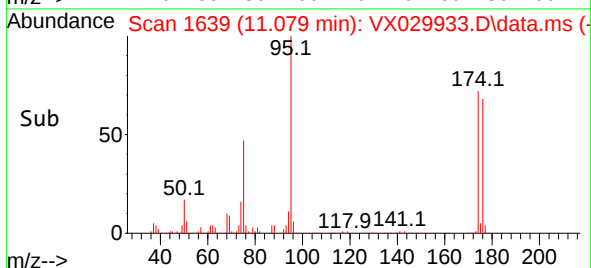
Tgt Ion:152 Resp: 126975
 Ion Ratio Lower Upper
 152 100
 115 59.2 40.5 121.5
 150 156.1 0.0 347.0

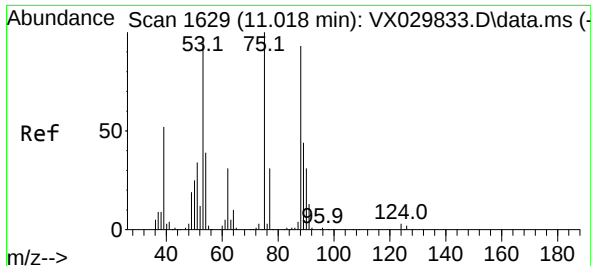


#76
 1,2,3-Trichloropropane
 Concen: 20.235 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029933.D
 Acq: 06 Jul 2022 10:47



Tgt Ion: 75 Resp: 61506
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#

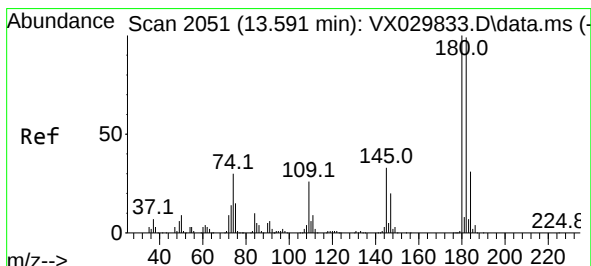
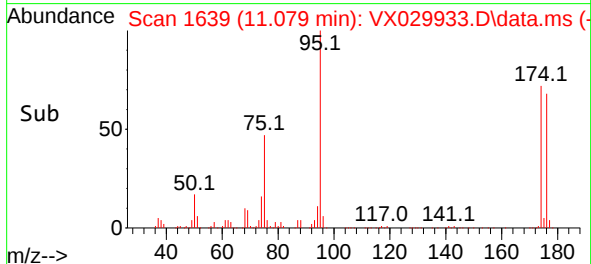
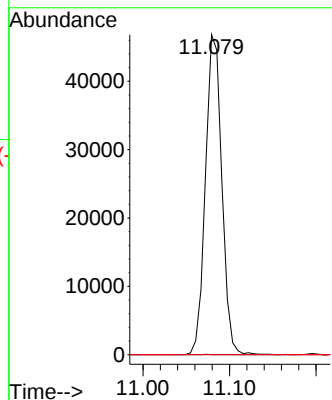
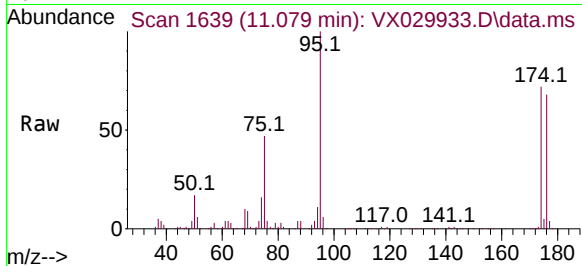




#81
trans-1,4-Dichloro-2-butene
Concen: 64.261 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

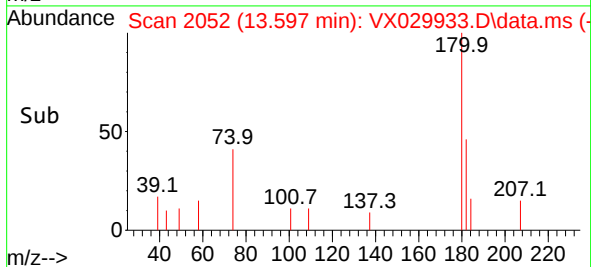
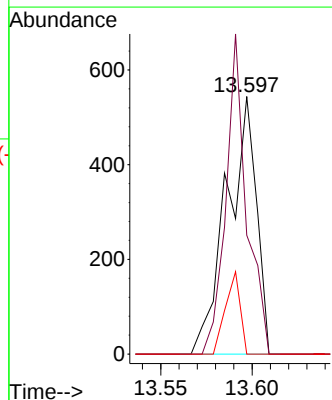
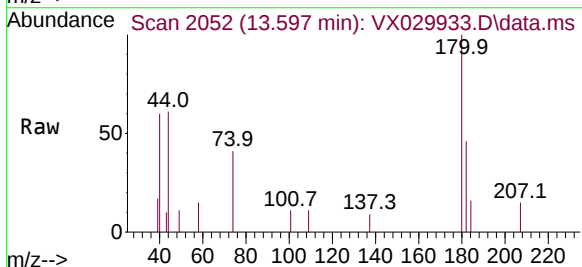
Instrument :
MSVOA_X
ClientSampleId :

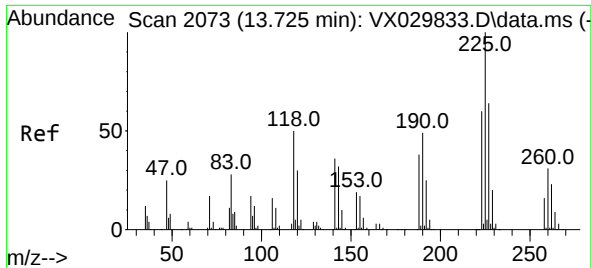
Tgt Ion: 75 Resp: 61506
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.243 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX029933.D
Acq: 06 Jul 2022 10:47

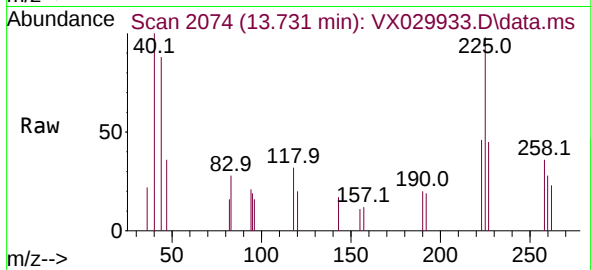
Tgt Ion:180 Resp: 614
Ion Ratio Lower Upper
180 100
182 86.5 48.2 144.6
145 15.8 15.9 47.6#





#94
 Hexachlorobutadiene
 Concen: 0.650 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX029933.D
 Acq: 06 Jul 2022 10:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	225	Resp:	607
Ion	Ratio	Lower	Upper
225	100		
223	60.8	30.6	91.6
227	55.2	31.9	95.9

