

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063022\
 Data File : VX029903.D
 Acq On : 30 Jun 2022 11:47
 Operator : JC/MD
 Sample : VX0630WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 04:47:07 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	5.556	168	216745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118372	43.144	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.280%
35) Dibromofluoromethane	5.391	113	107476	46.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.653	98	423349	48.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.085	95	135149	43.932	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.860%

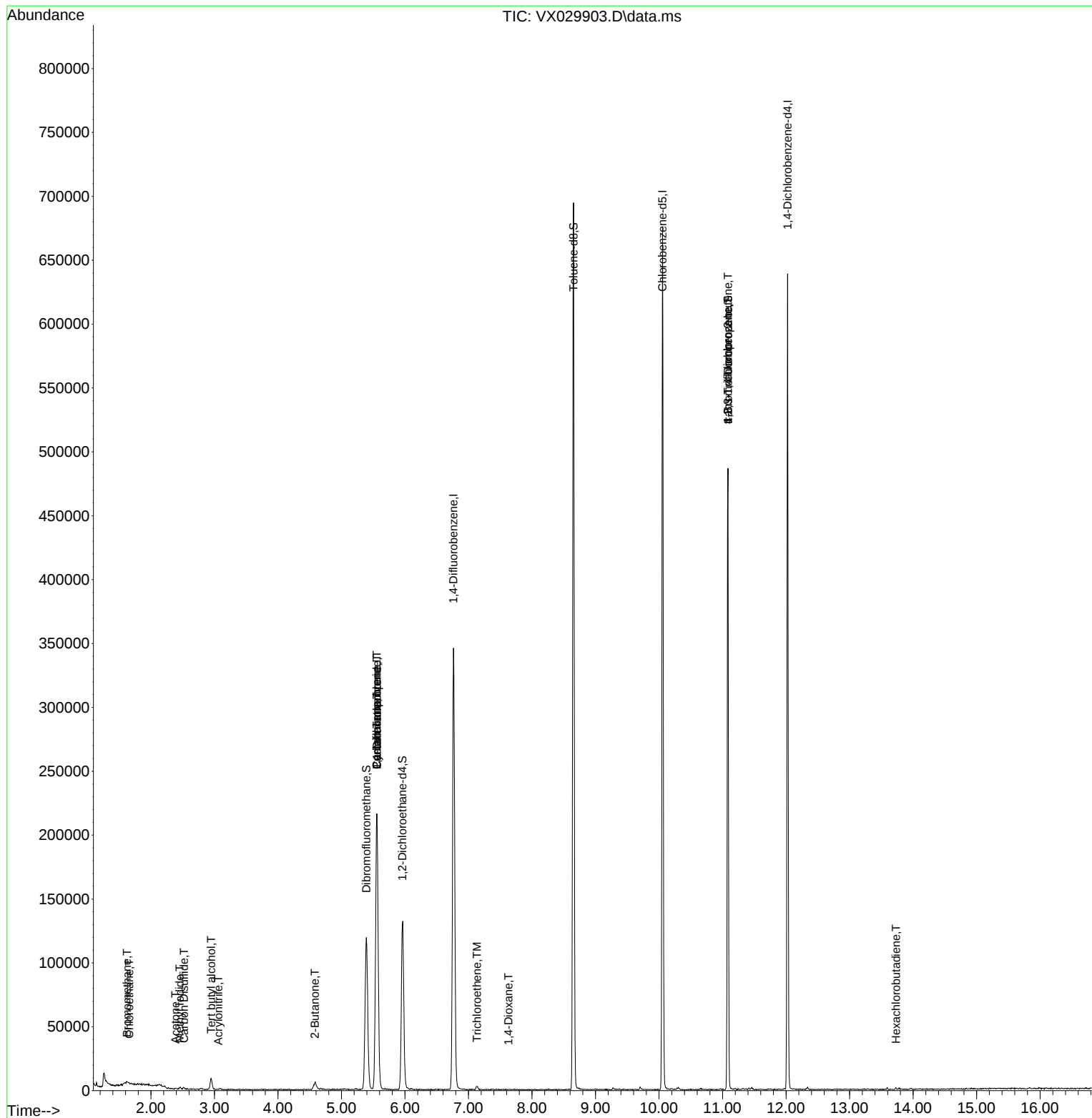
Target Compounds			Qvalue			
5) Bromomethane	1.624	94	495	0.371	ug/l #	42
6) Chloroethane	1.654	64	410	1.262	ug/l	95
10) Methyl Iodide	2.453	142	1535	2.369	ug/l	94
11) Tert butyl alcohol	2.947	59	5084	7.085	ug/l #	76
13) Acrolein	2.227	56	31	Below Cal	#	6
15) Acrylonitrile	3.062	53	345	0.206	ug/l #	69
16) Acetone	2.386	43	948	0.706	ug/l	89
17) Carbon Disulfide	2.520	76	1662	0.299	ug/l	95
25) 2-Butanone	4.580	43	801	0.344	ug/l #	48
31) Cyclohexane	5.556	56	4532	1.185	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15652	5.073	ug/l #	48
38) Carbon Tetrachloride	5.556	117	20667	7.730	ug/l #	16
44) Trichloroethene	7.135	130	1066	0.397	ug/l	96
49) 1,4-Dioxane	7.629	88	59	0.827	ug/l #	36
76) 1,2,3-Trichloropropane	11.085	75	63770	20.528	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	63770	65.194	ug/l #	13
94) Hexachlorobutadiene	13.731	225	278	0.291	ug/l #	61

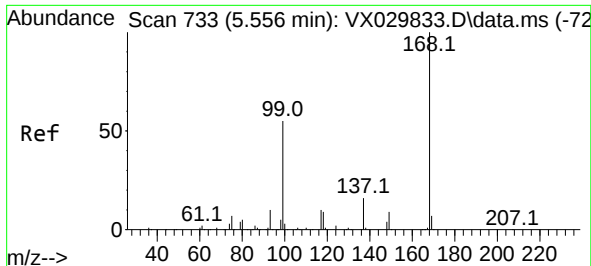
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063022\
Data File : VX029903.D
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Sample : VX0630WBL01
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 01 04:47:07 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

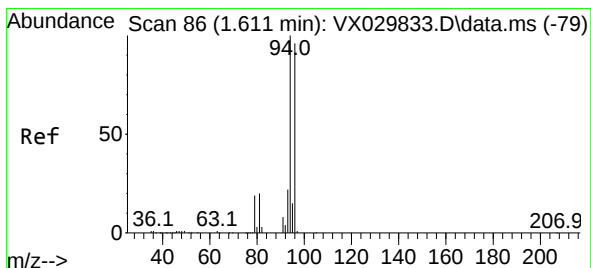
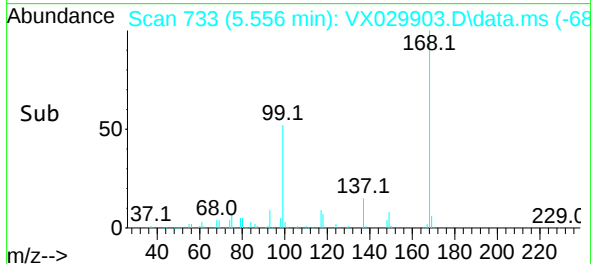
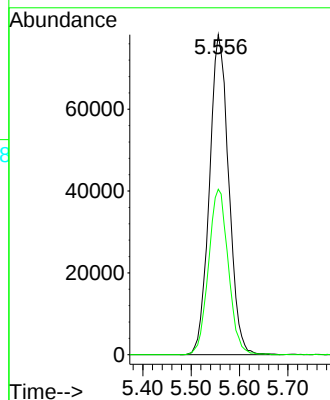
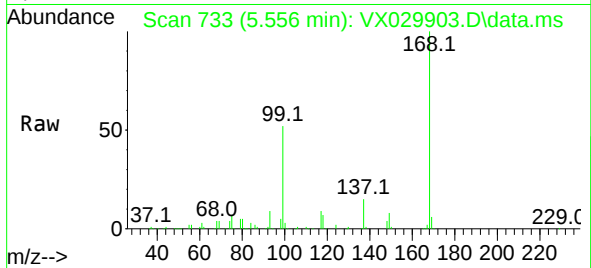




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

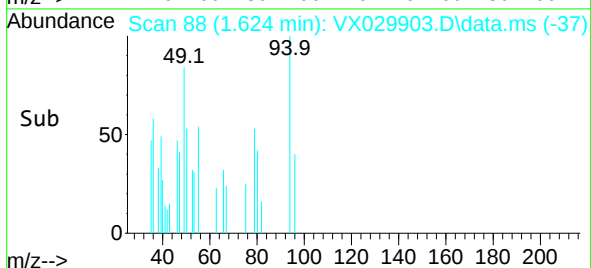
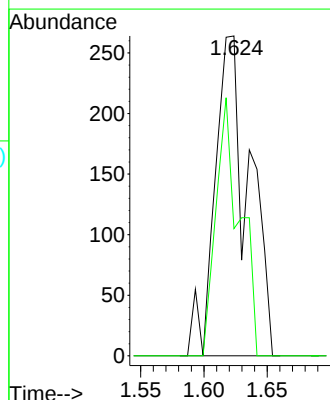
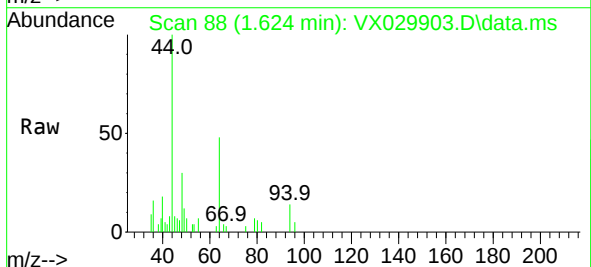
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MSVOA_X
ClientSampleId :

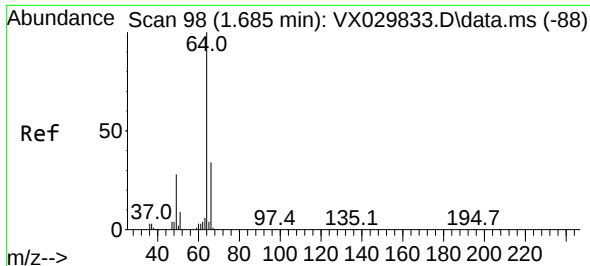
Tgt Ion:168 Resp: 216745
Ion Ratio Lower Upper
168 100
99 51.7 44.0 66.0



#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Tgt Ion: 94 Resp: 495
Ion Ratio Lower Upper
94 100
96 39.8 76.9 115.3#

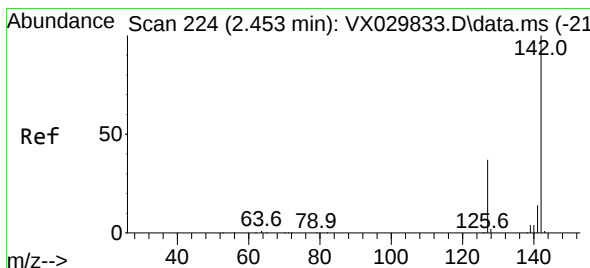
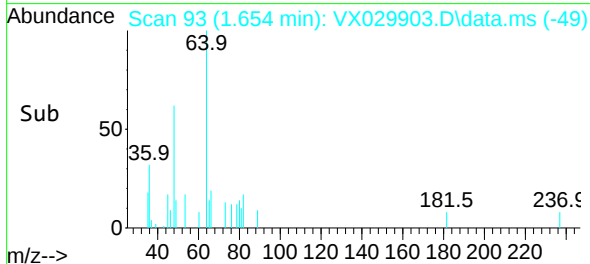
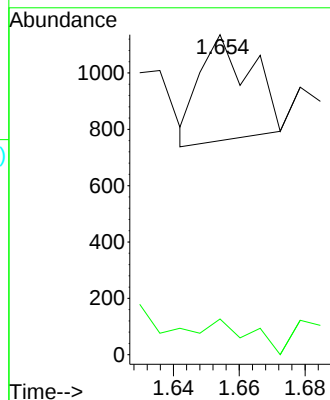
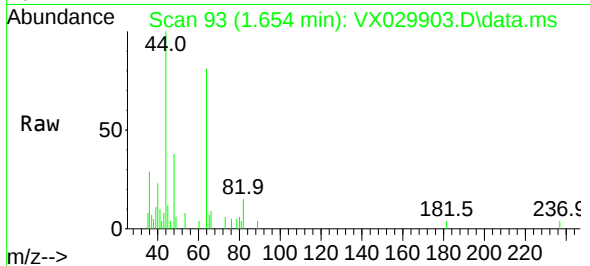




#6
Chloroethane
Concen: 1.262 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

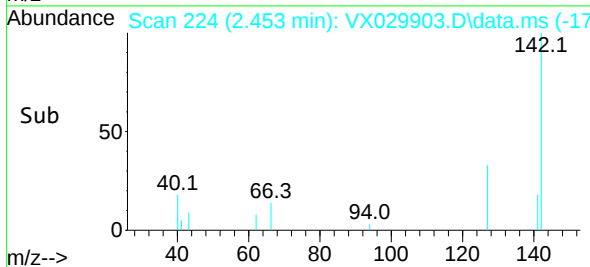
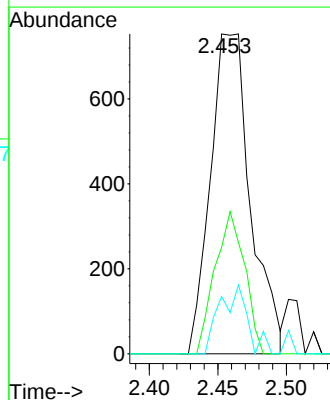
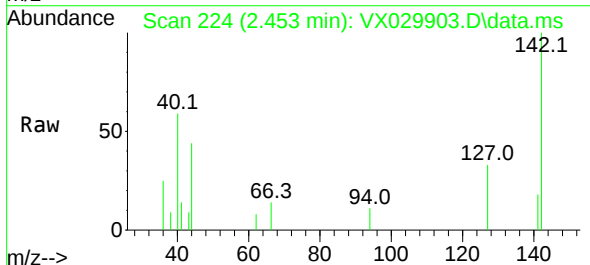
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 410
Ion Ratio Lower Upper
64 100
66 37.0 27.2 40.8



#10
Methyl Iodide
Concen: 2.369 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Tgt Ion: 142 Resp: 1535
Ion Ratio Lower Upper
142 100
127 32.9 30.2 45.2
141 14.9 11.3 16.9





#11

Tert butyl alcohol

Concen: 7.085 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX029903.D

Acq: 30 Jun 2022 11:47

Instrument :

MSVOA_X

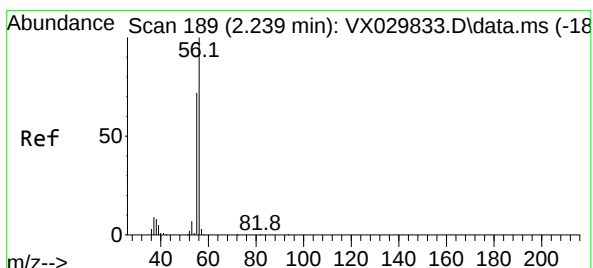
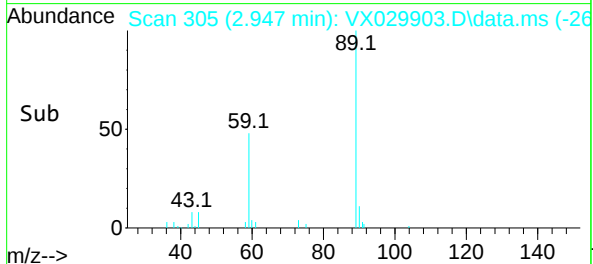
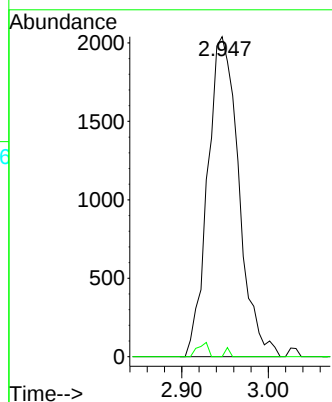
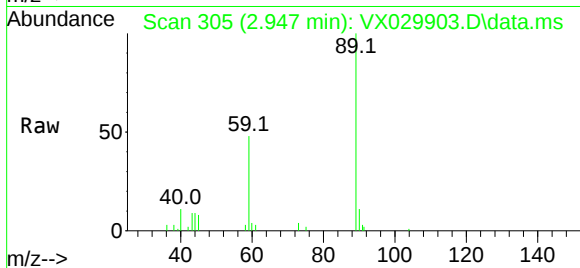
ClientSampleId :

Tgt Ion: 59 Resp: 5084

Ion Ratio Lower Upper

59 100

57 0.4 7.4 11.2#



#13

Acrolein

Concen: Below Cal

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX029903.D

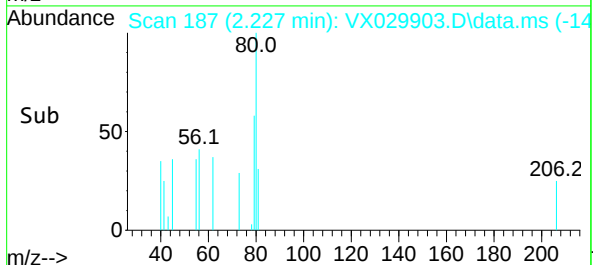
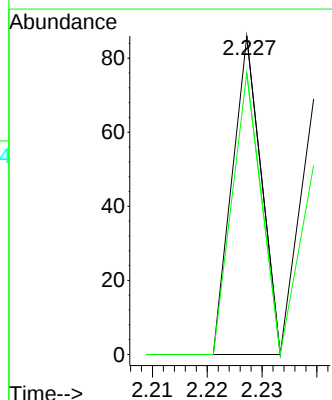
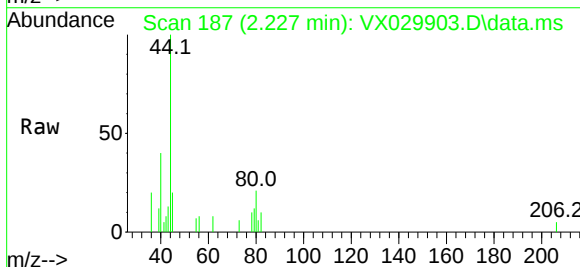
Acq: 30 Jun 2022 11:47

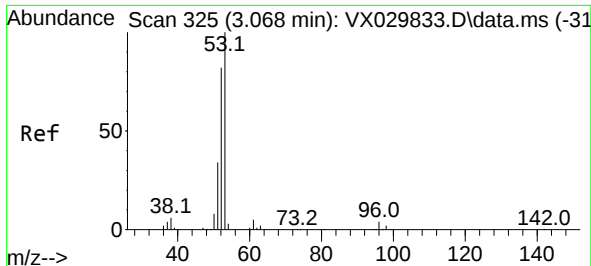
Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

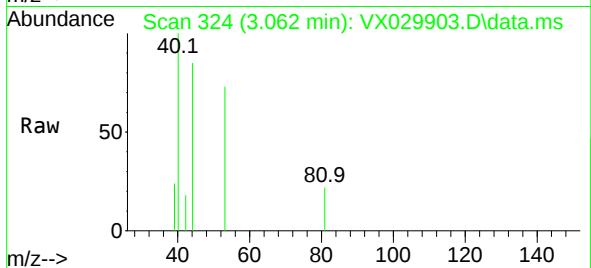
55 148.4 56.6 84.8#



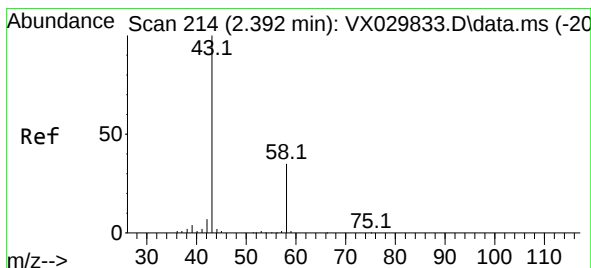
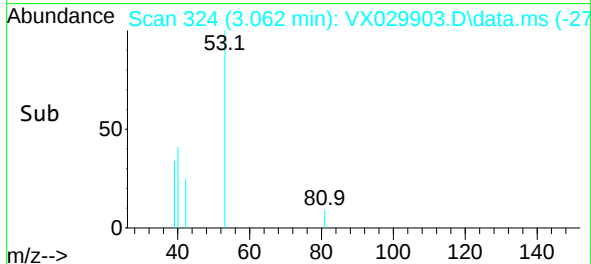
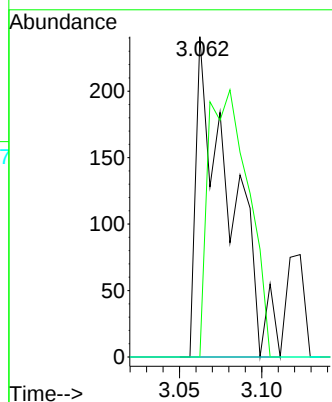


#15
Acrylonitrile
Concen: 0.206 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :

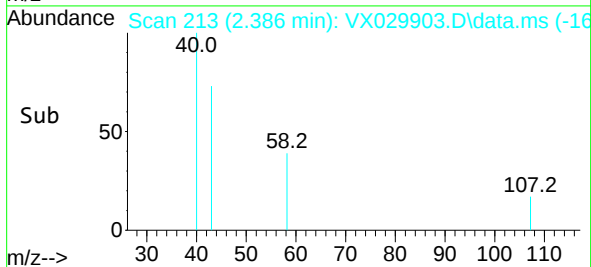
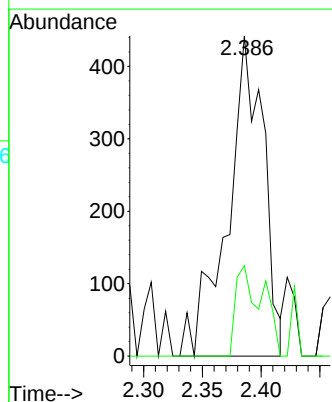
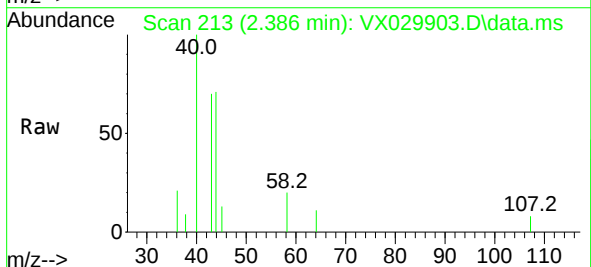


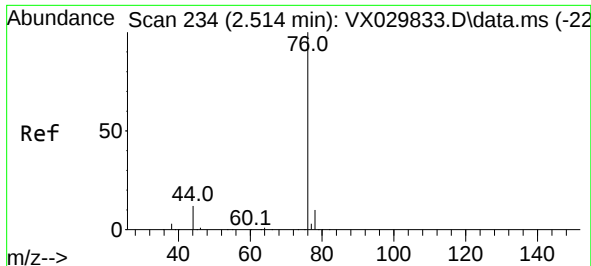
Tgt Ion: 53 Resp: 345
Ion Ratio Lower Upper
53 100
52 98.6 65.4 98.0#
51 0.0 27.7 41.5#



#16
Acetone
Concen: 0.706 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 28.3 27.7 41.5

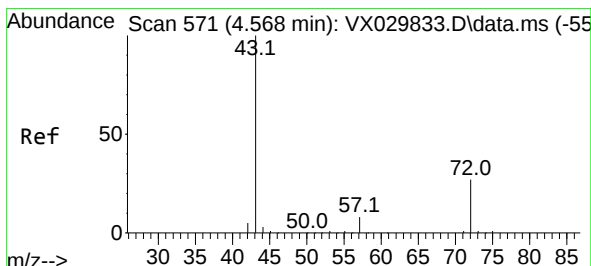
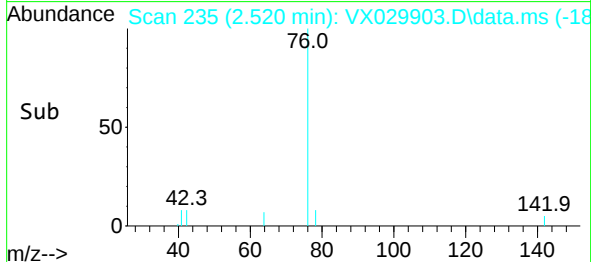
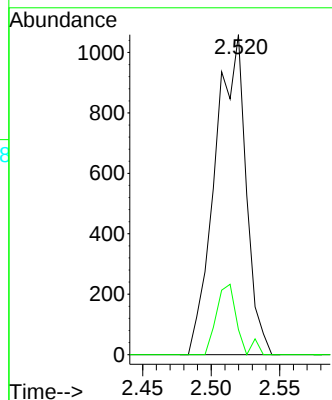
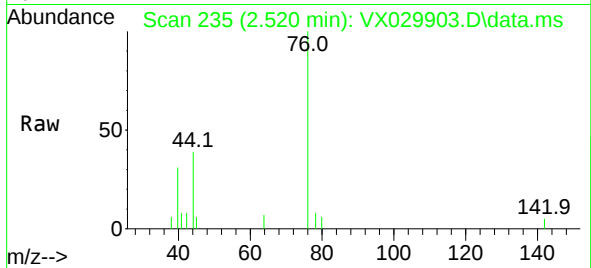




#17
Carbon Disulfide
Concen: 0.299 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

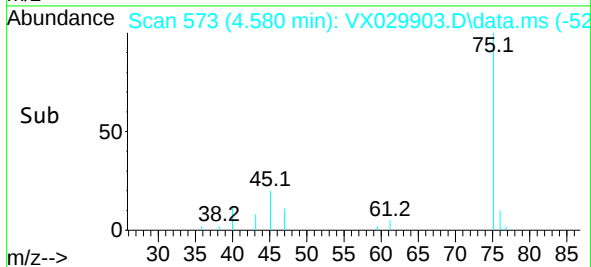
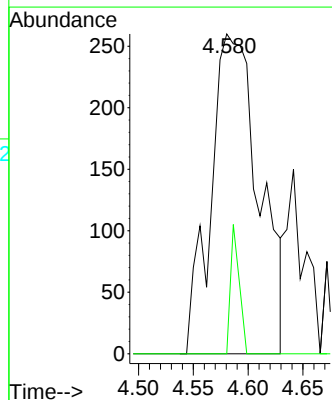
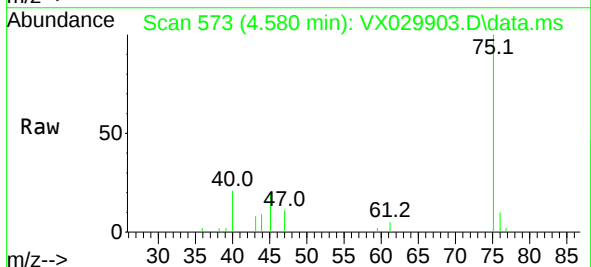
Instrument :
MSVOA_X
ClientSampleId :

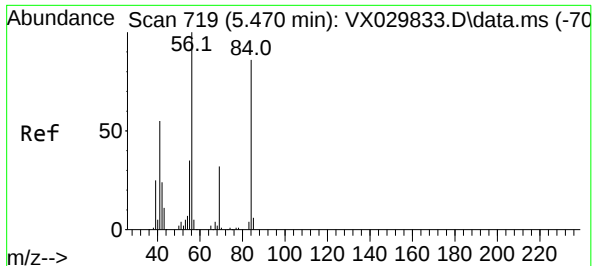
Tgt Ion: 76 Resp: 1662
Ion Ratio Lower Upper
76 100
78 7.8 7.8 11.6



#25
2-Butanone
Concen: 0.344 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

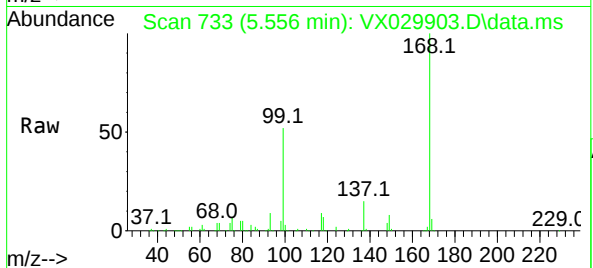
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



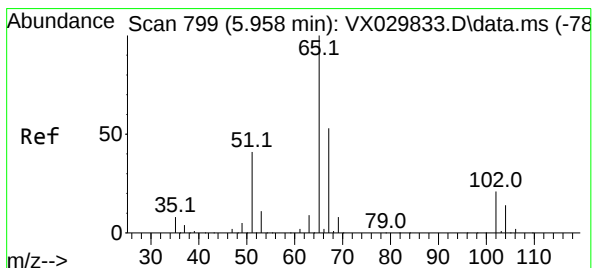
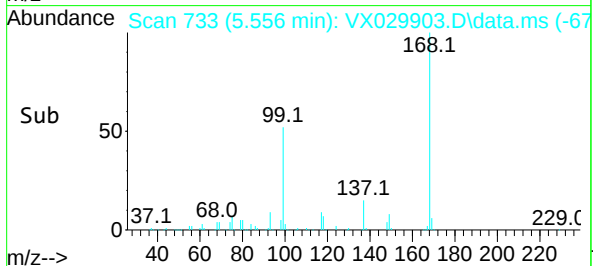
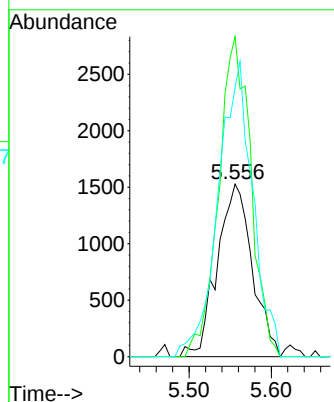


#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Instrument :
MSVOA_X
ClientSampleId :

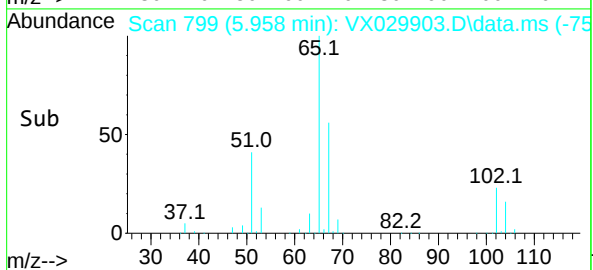
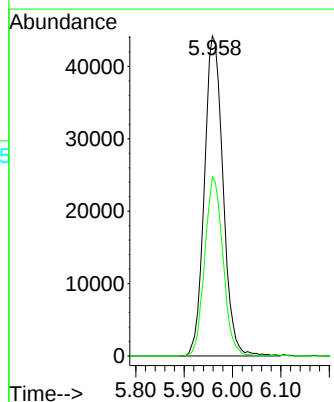
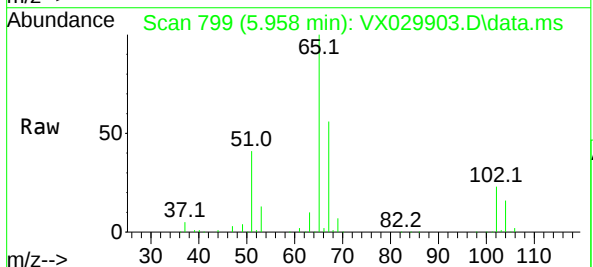


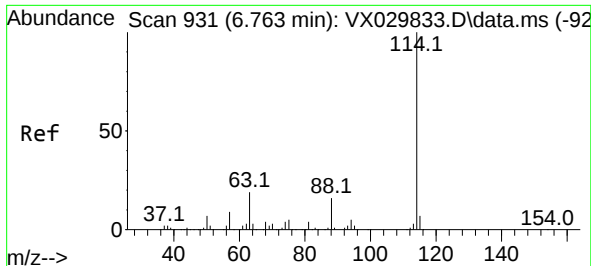
Tgt Ion: 56 Resp: 4532
Ion Ratio Lower Upper
56 100
69 185.4 25.4 38.0#
84 155.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Tgt Ion: 65 Resp: 118372
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

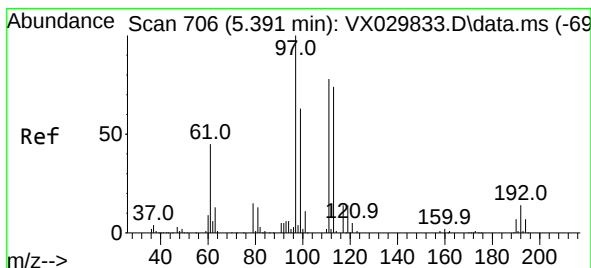
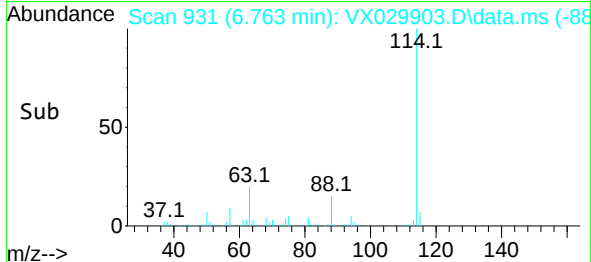
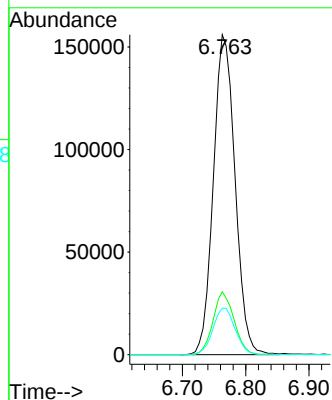
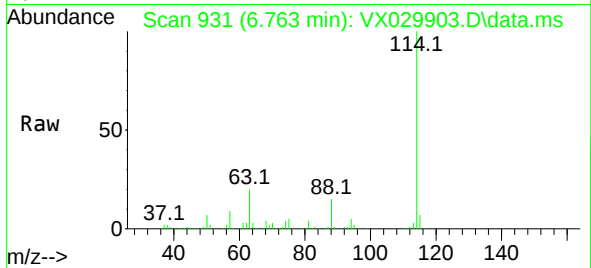




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

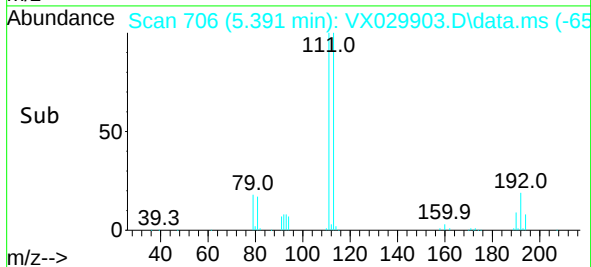
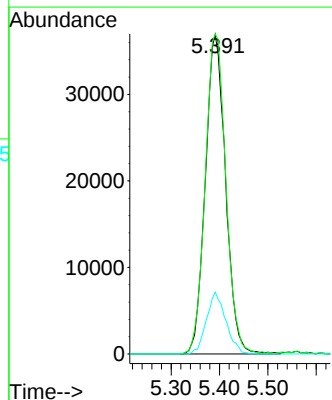
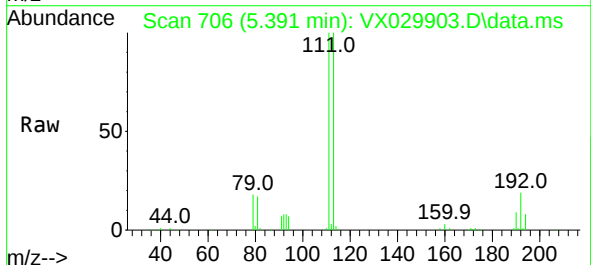
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 371209
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.4
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.329 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Tgt Ion:113 Resp: 107476
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 18.5 14.8 22.2

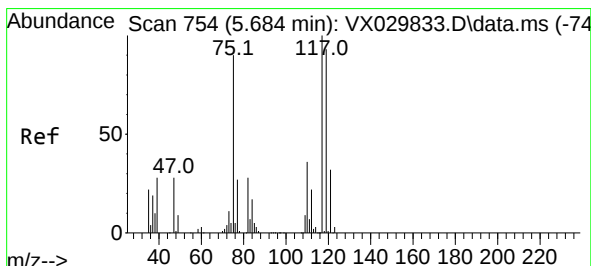
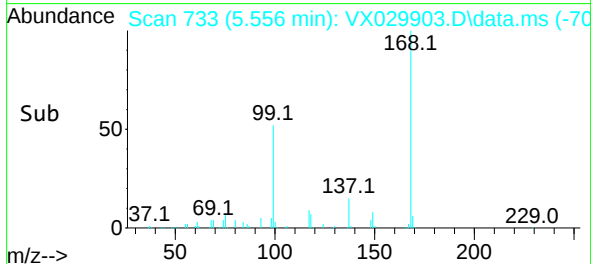
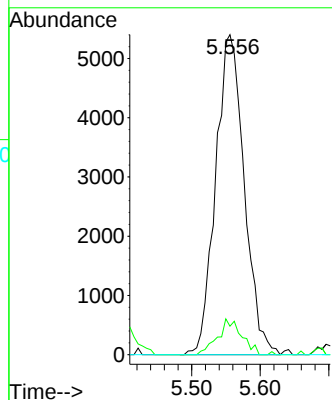
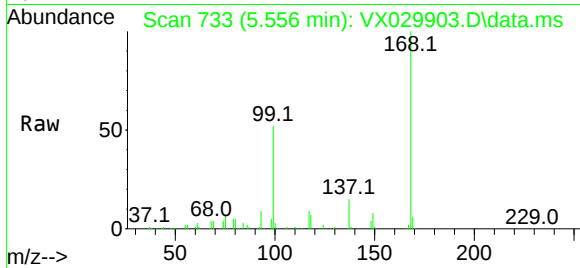




#36
1,1-Dichloropropene
Concen: 5.073 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

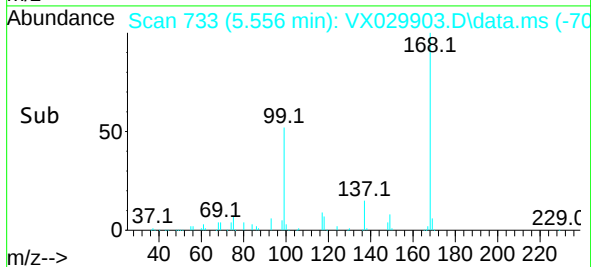
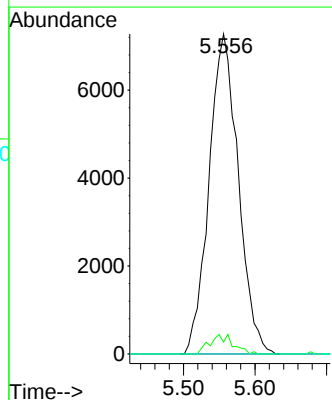
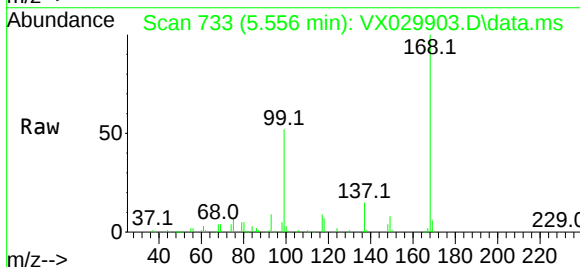
Instrument :
MSVOA_X
ClientSampleId :

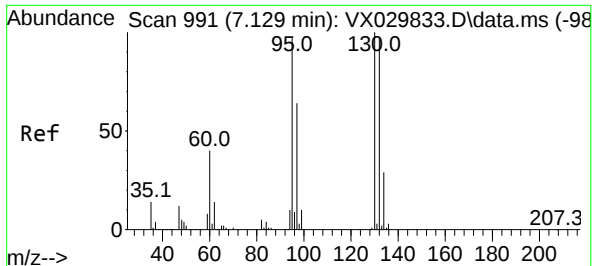
Tgt Ion: 75 Resp: 15652
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.730 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Tgt Ion: 117 Resp: 20667
Ion Ratio Lower Upper
117 100
119 3.7 74.1 111.1#
121 0.0 25.8 38.8#

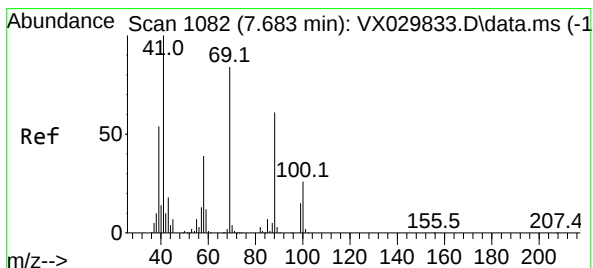
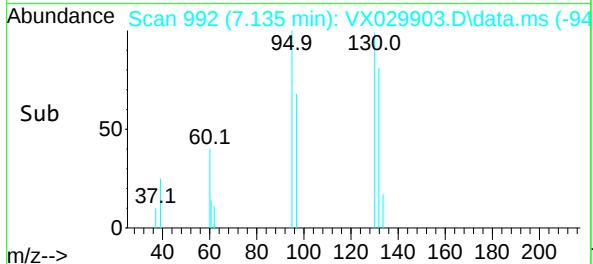
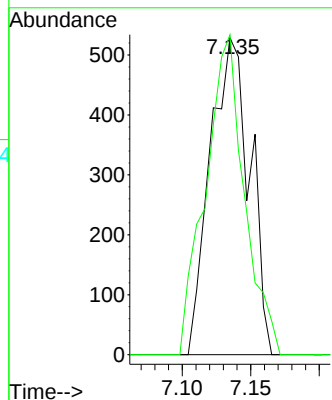
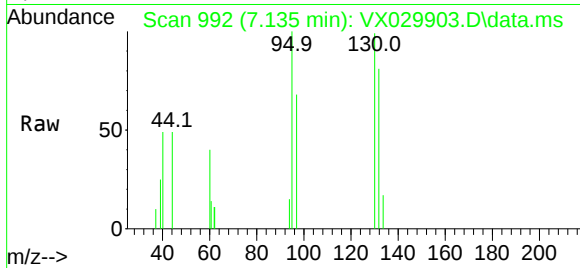




#44
 Trichloroethene
 Concen: 0.397 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX029903.D
 Acq: 30 Jun 2022 11:47

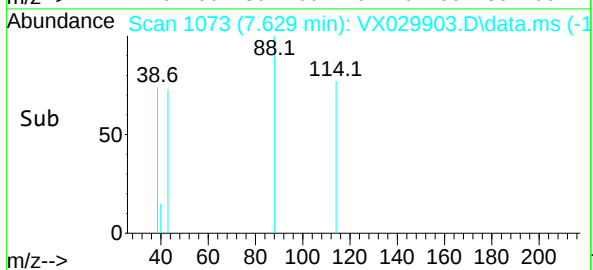
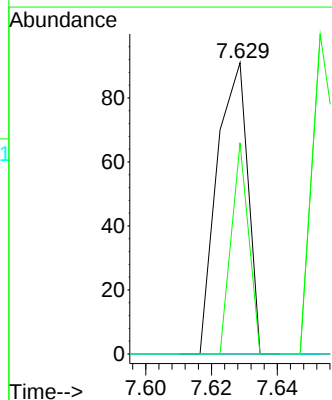
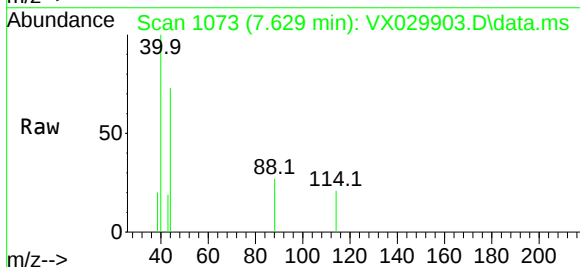
Instrument :
 MSVOA_X
 ClientSampleId :

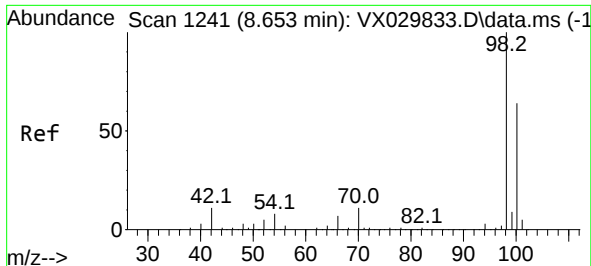
Tgt Ion:130 Resp: 1066
 Ion Ratio Lower Upper
 130 100
 95 100.9 0.0 194.8



#49
 1,4-Dioxane
 Concen: 0.827 ug/l
 RT: 7.629 min Scan# 1073
 Delta R.T. -0.055 min
 Lab File: VX029903.D
 Acq: 30 Jun 2022 11:47

Tgt Ion: 88 Resp: 59
 Ion Ratio Lower Upper
 88 100
 43 40.7 23.8 35.8#
 58 0.0 53.8 80.6#

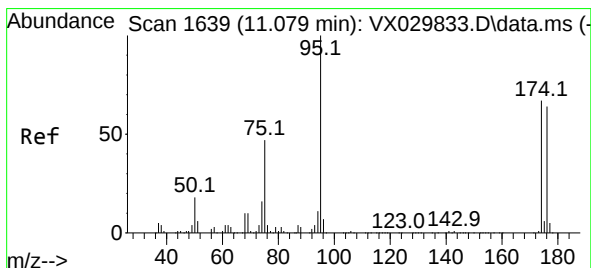
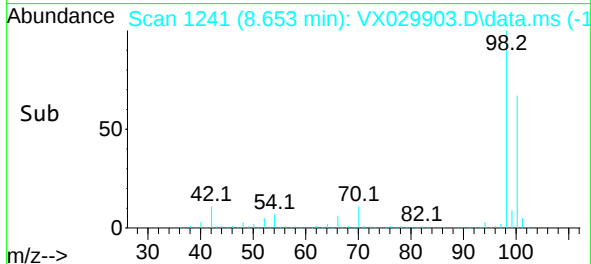
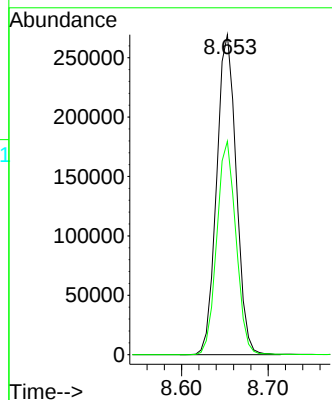
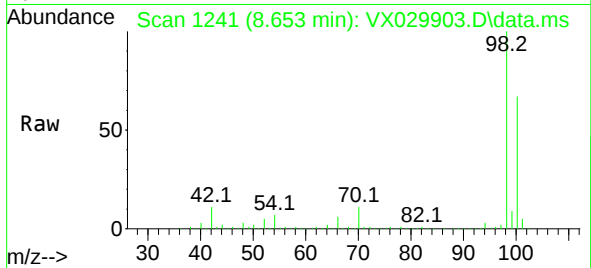




#50
Toluene-d8
Concen: 48.645 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

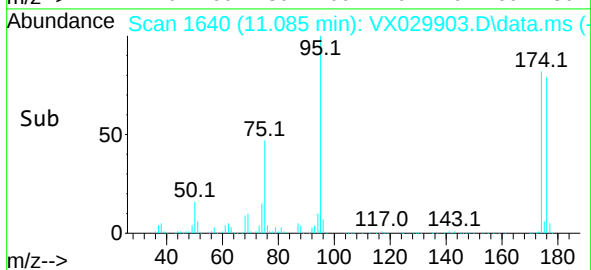
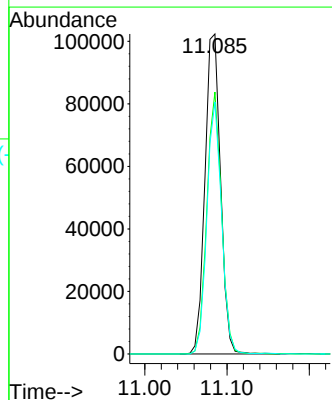
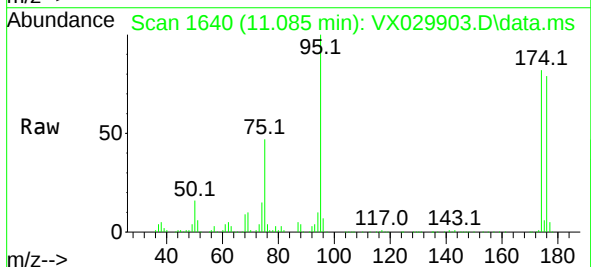
Instrument :
MSVOA_X
ClientSampleId :

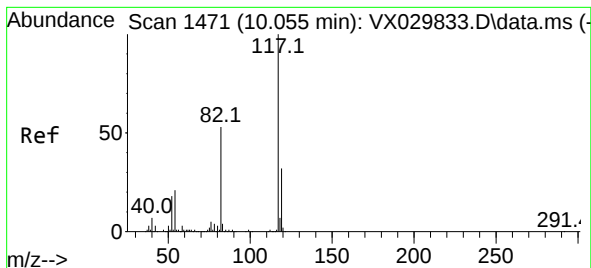
Tgt Ion: 98 Resp: 423349
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.932 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029903.D
Acq: 30 Jun 2022 11:47

Tgt Ion: 95 Resp: 135149
Ion Ratio Lower Upper
95 100
174 77.0 0.0 149.0
176 73.9 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: VX029903.D

Acq: 30 Jun 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :

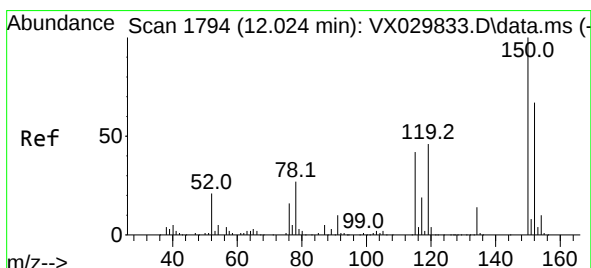
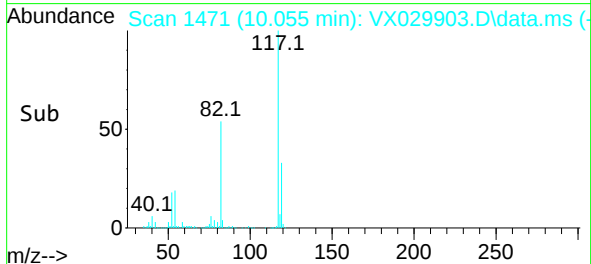
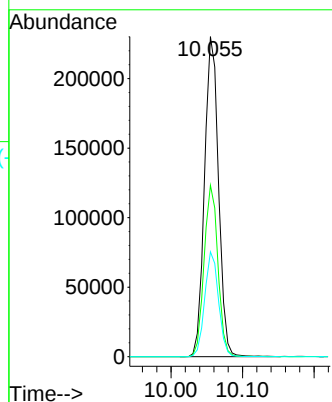
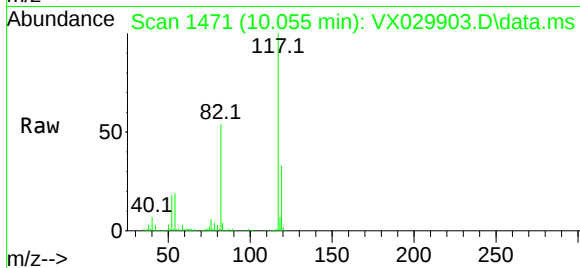
Tgt Ion:117 Resp: 313498

Ion Ratio Lower Upper

117 100

82 53.5 42.7 64.1

119 32.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029903.D

Acq: 30 Jun 2022 11:47

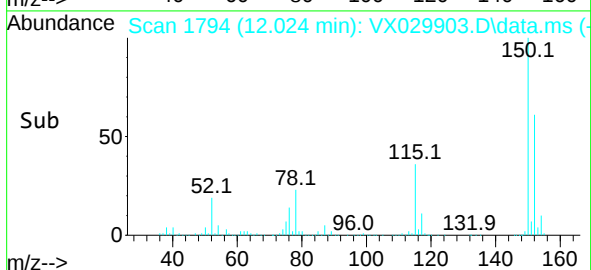
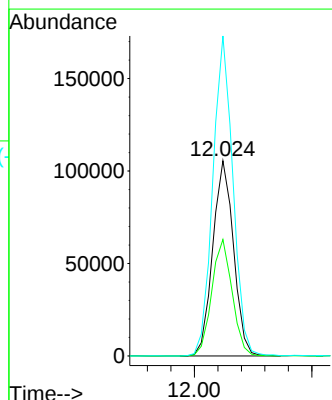
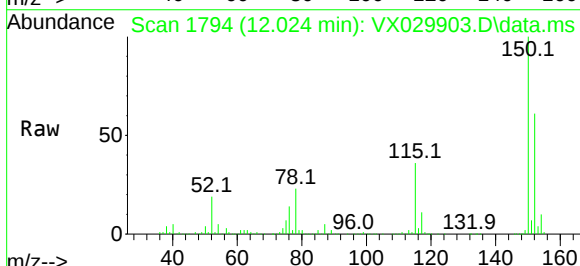
Tgt Ion:152 Resp: 129766

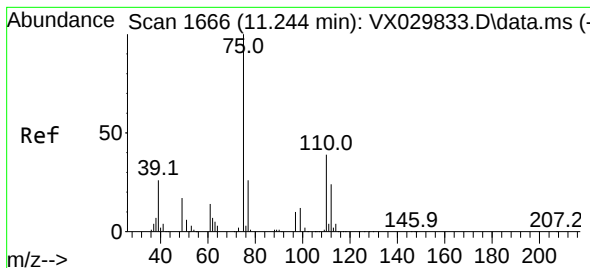
Ion Ratio Lower Upper

152 100

115 58.7 40.5 121.5

150 158.7 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 20.528 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX029903.D

Acq: 30 Jun 2022 11:47

Instrument :

MSVOA_X

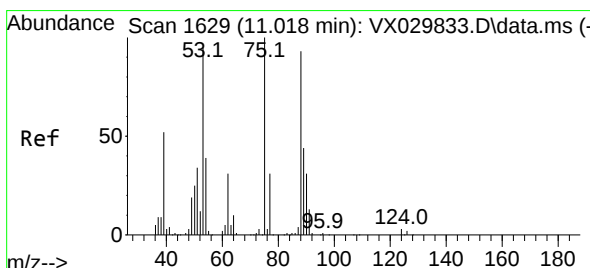
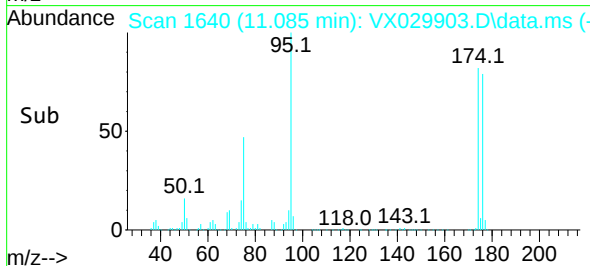
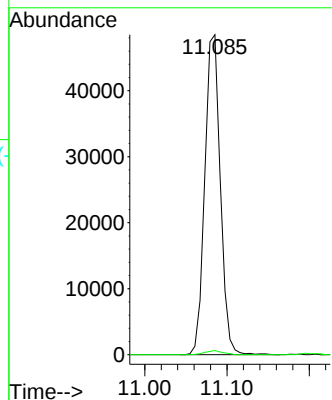
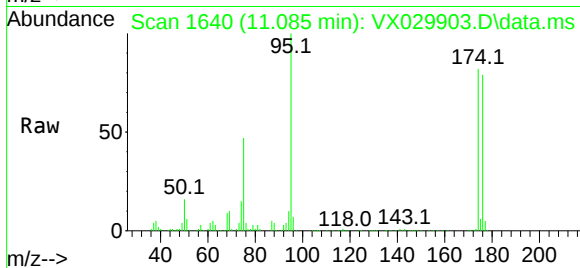
ClientSampleId :

Tgt Ion: 75 Resp: 63770

Ion Ratio Lower Upper

75 100

77 1.5 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.194 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX029903.D

Acq: 30 Jun 2022 11:47

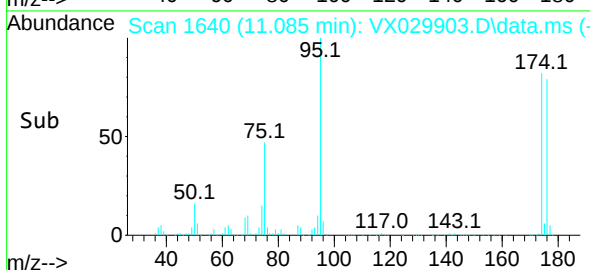
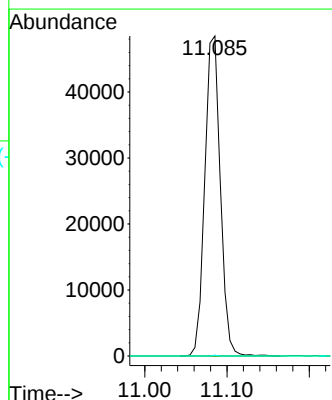
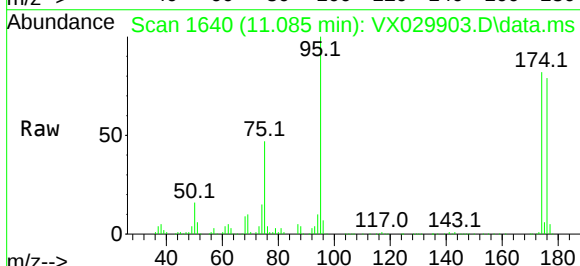
Tgt Ion: 75 Resp: 63770

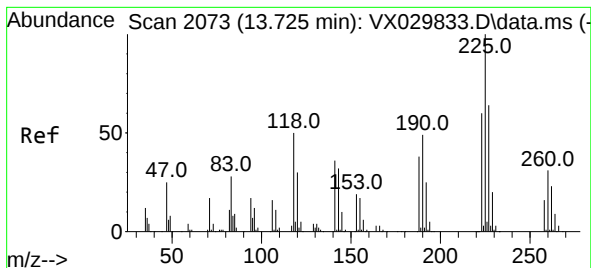
Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.1 34.8 52.2#





#94

Hexachlorobutadiene

Concen: 0.291 ug/l

RT: 13.731 min Scan# 20

Delta R.T. 0.006 min

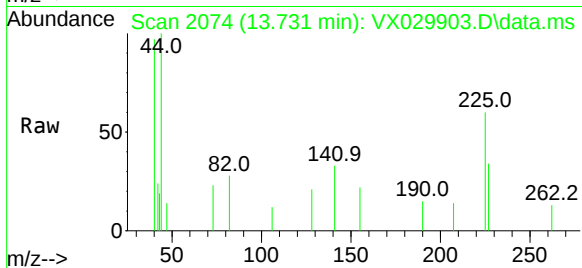
Lab File: VX029903.D

Acq: 30 Jun 2022 11:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:225 Resp: 278

Ion Ratio Lower Upper

225 100

223 0.0 30.6 91.6#

227 64.4 31.9 95.9

