

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029821.D
 Acq On : 27 Jun 2022 17:18
 Operator : JC/MD
 Sample : N3473-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 18:31:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	200300	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	436324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154882	49.911	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.820%
35) Dibromofluoromethane	5.391	113	132682	47.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.653	98	537274	48.947	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.085	95	179752	44.780	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.560%

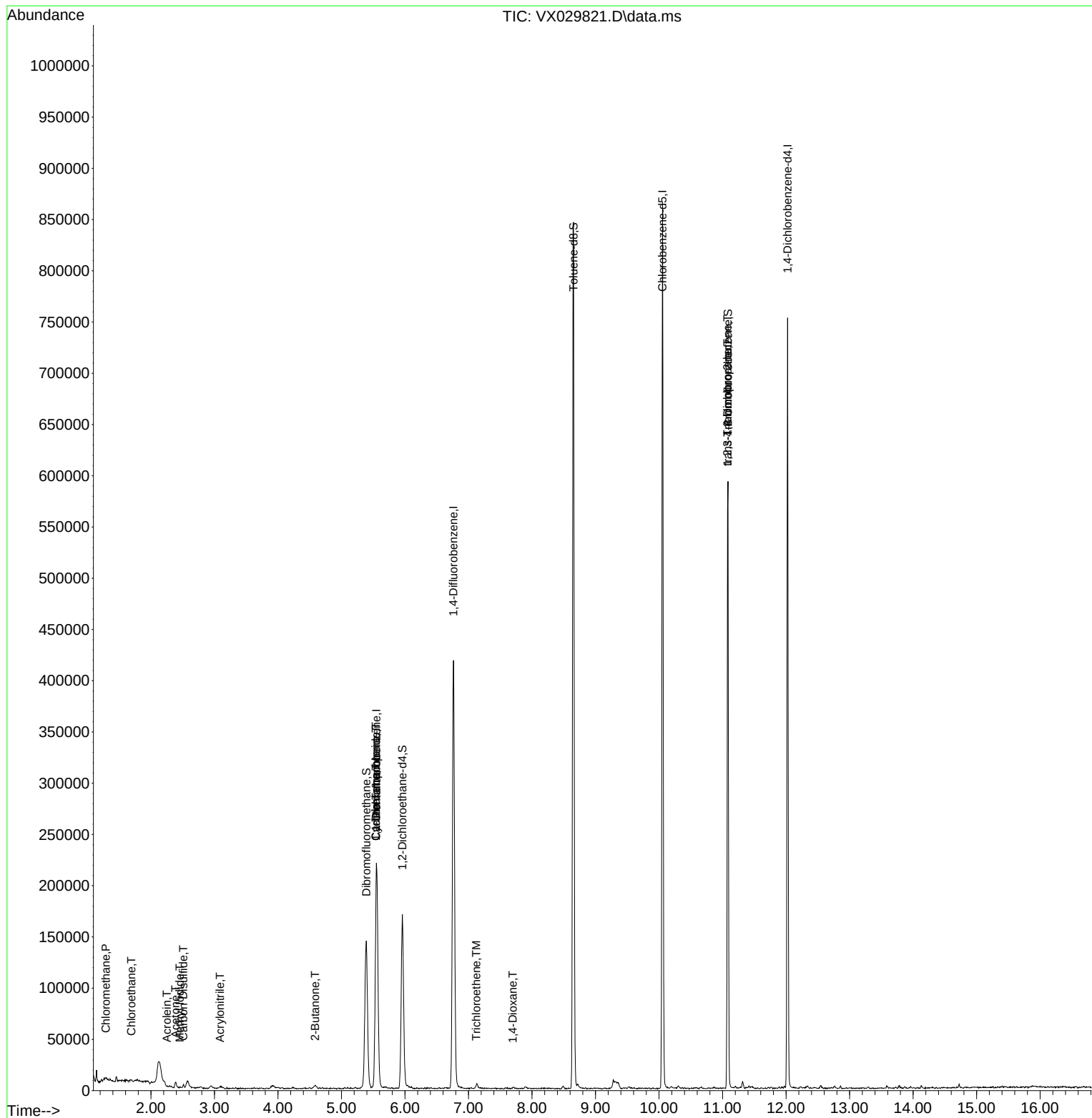
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	1375	0.493	ug/l	93
5) Bromomethane	1.618	94	590	Below Cal	#	42
6) Chloroethane	1.691	64	1208	0.749	ug/l	# 86
10) Methyl Iodide	2.453	142	862	0.317	ug/l	# 93
11) Tert butyl alcohol	2.940	59	1753	Below Cal	#	80
13) Acrolein	2.252	56	305	0.562	ug/l	# 29
15) Acrylonitrile	3.087	53	482	0.264	ug/l	# 74
16) Acetone	2.386	43	6555	4.431	ug/l	92
17) Carbon Disulfide	2.508	76	3714	0.591	ug/l	# 90
25) 2-Butanone	4.587	43	1907	0.759	ug/l	# 78
31) Cyclohexane	5.544	56	5062	1.095	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	17820	4.340	ug/l	# 49
38) Carbon Tetrachloride	5.544	117	21702	6.516	ug/l	# 15
44) Trichloroethene	7.123	130	1815	0.574	ug/l	# 99
49) 1,4-Dioxane	7.696	88	334	3.617	ug/l	# 46
76) 1,2,3-Trichloropropane	11.079	75	86017	21.538	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	86017	65.506	ug/l	# 15

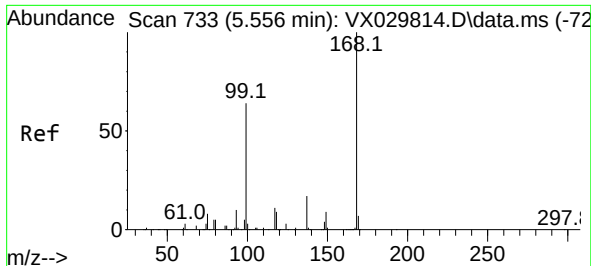
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 27 15:32:24 2022
Response via : Initial Calibration

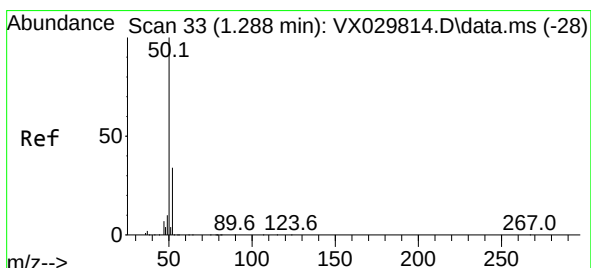
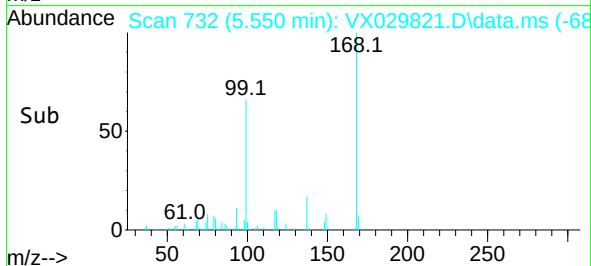
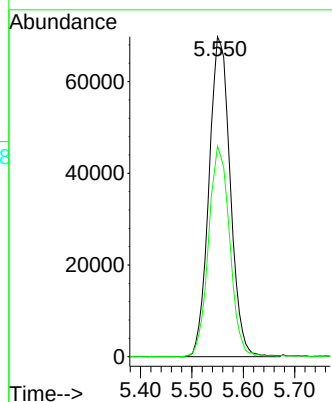
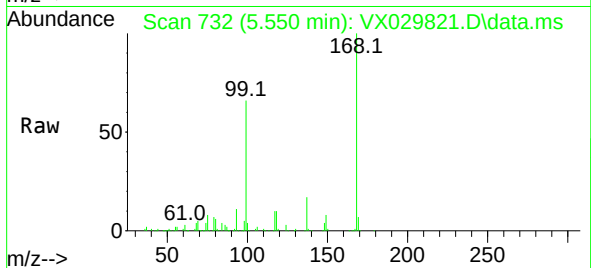




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

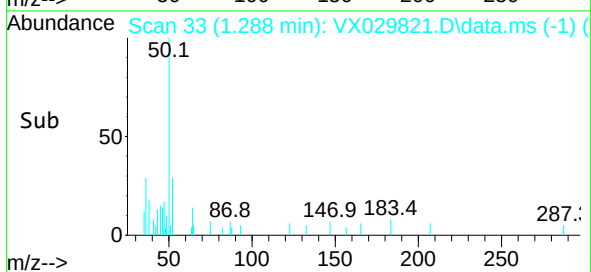
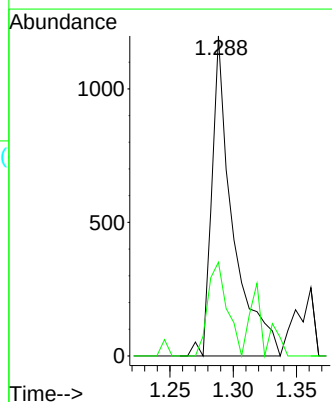
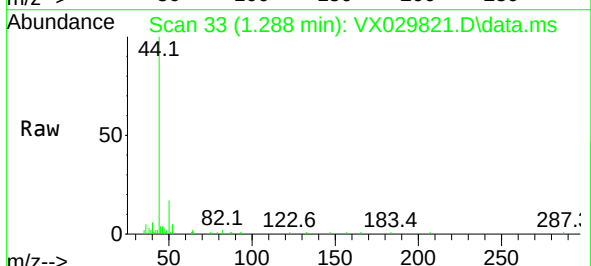
Instrument :
MSVOA_X
ClientSampleId :

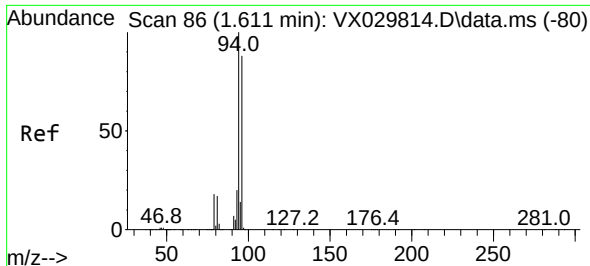
Tgt Ion:168 Resp: 200300
Ion Ratio Lower Upper
168 100
99 65.8 41.7 62.5#



#3
Chloromethane
Concen: 0.493 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

Tgt Ion: 50 Resp: 1375
Ion Ratio Lower Upper
50 100
52 29.3 26.4 39.6

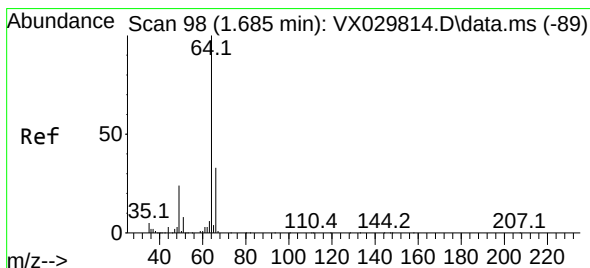
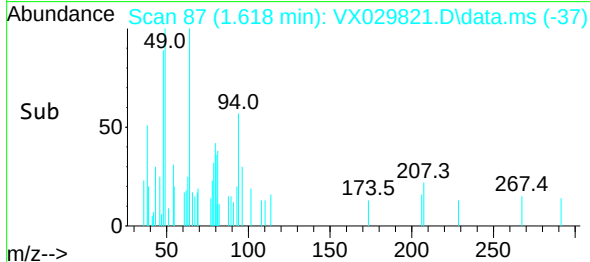
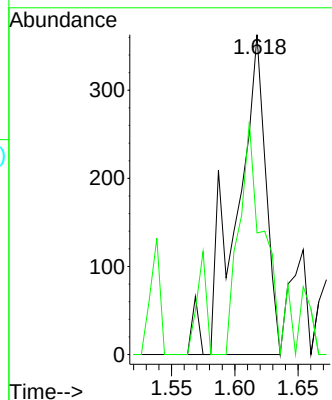
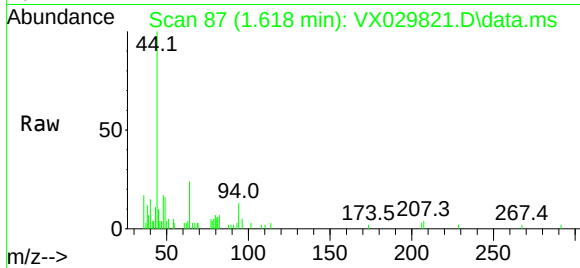




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

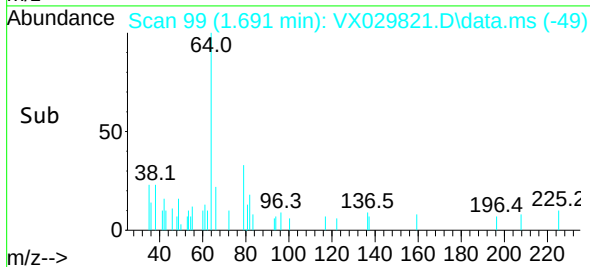
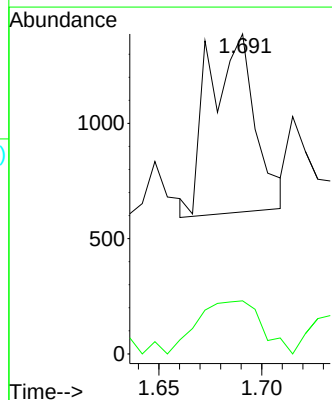
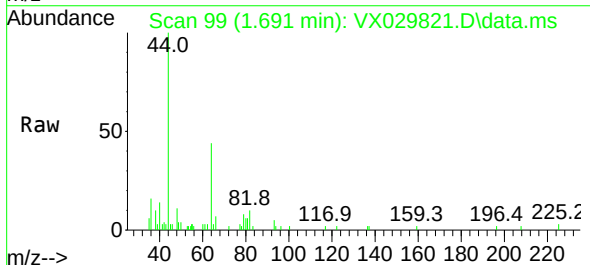
Instrument :
MSVOA_X
ClientSampleId :

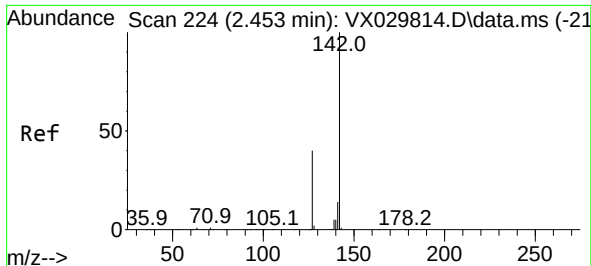
Tgt Ion: 94 Resp: 590
Ion Ratio Lower Upper
94 100
96 38.0 75.3 112.9#



#6
Chloroethane
Concen: 0.749 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

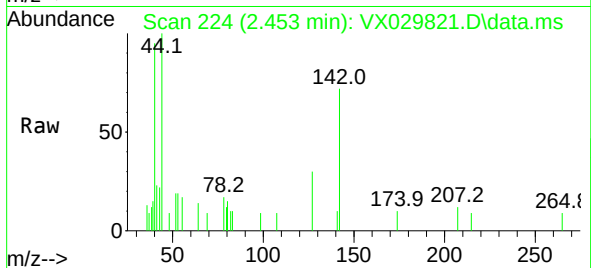
Tgt Ion: 64 Resp: 1208
Ion Ratio Lower Upper
64 100
66 23.7 25.3 37.9#



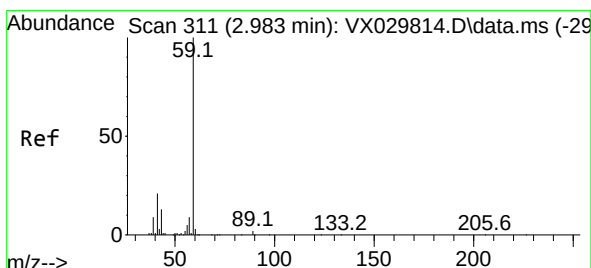
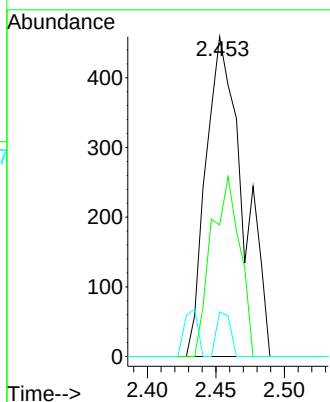
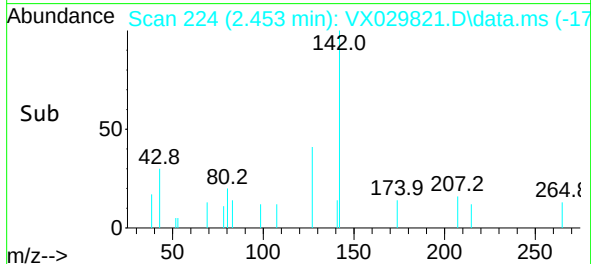


#10
Methyl Iodide
Concen: 0.317 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

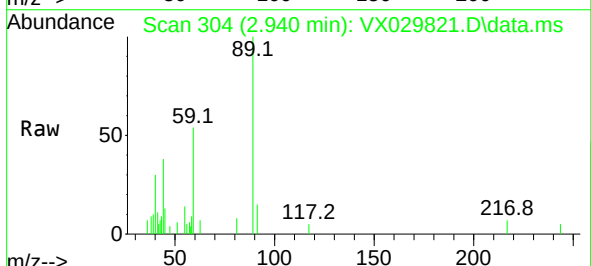
Instrument :
MSVOA_X
ClientSampleId :



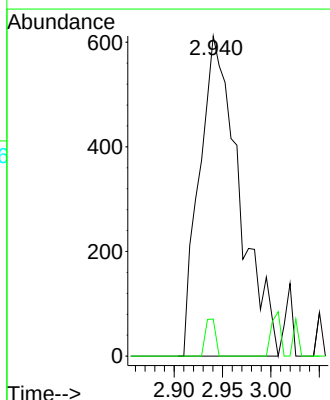
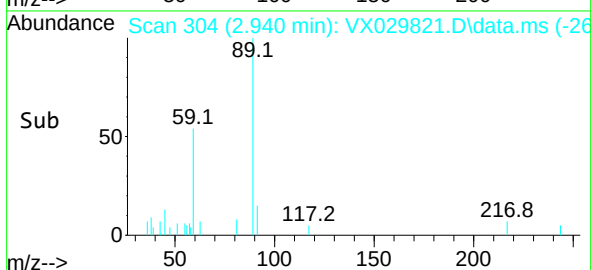
Tgt Ion:142 Resp: 862
Ion Ratio Lower Upper
142 100
127 43.4 33.9 50.9
141 5.2 11.4 17.2#

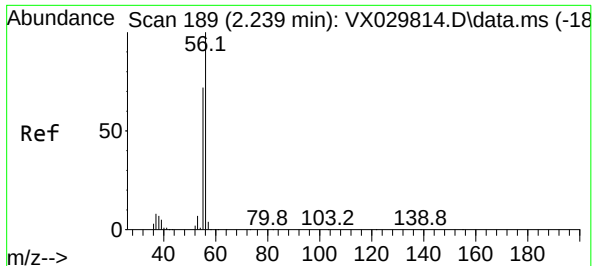


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18



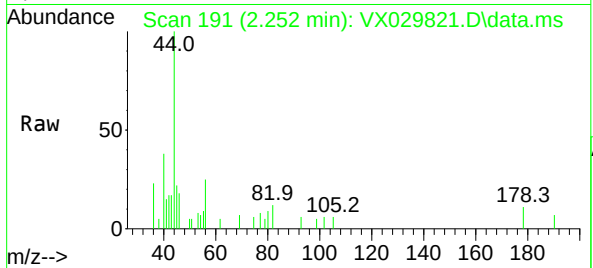
Tgt Ion: 59 Resp: 1753
Ion Ratio Lower Upper
59 100
57 3.0 8.3 12.5#



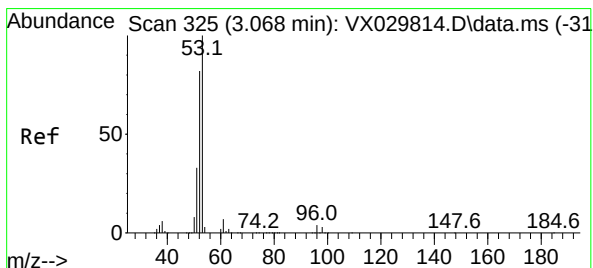
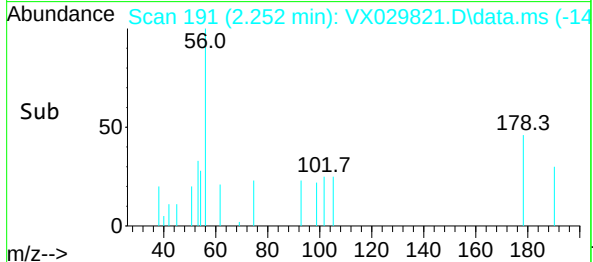
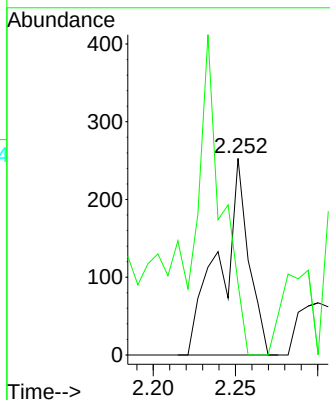


#13
Acrolein
Concen: 0.562 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

Instrument :
MSVOA_X
ClientSampleId :

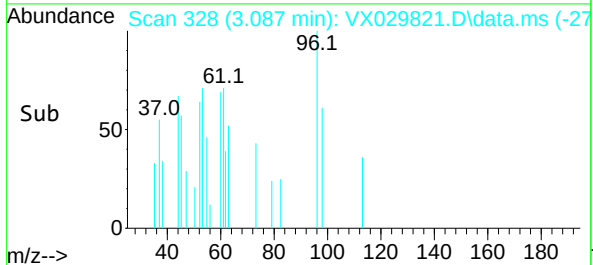
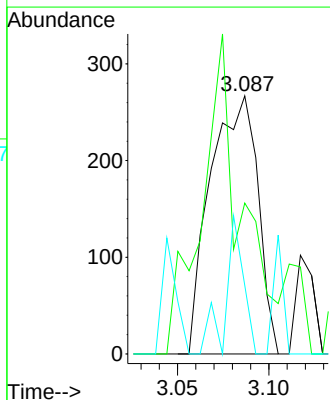
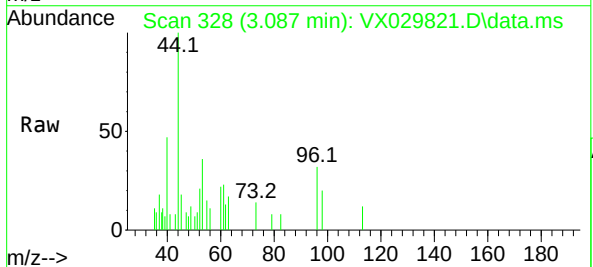


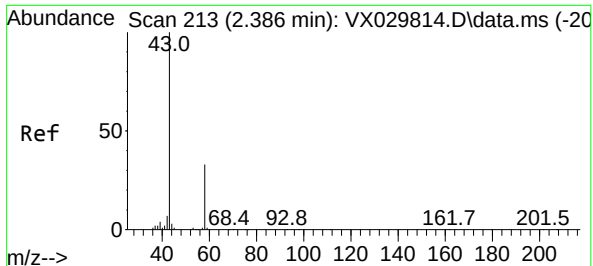
Tgt Ion: 56 Resp: 305
Ion Ratio Lower Upper
56 100
55 126.2 55.0 82.6#



#15
Acrylonitrile
Concen: 0.264 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

Tgt Ion: 53 Resp: 482
Ion Ratio Lower Upper
53 100
52 104.8 65.7 98.5#
51 20.3 28.4 42.6#

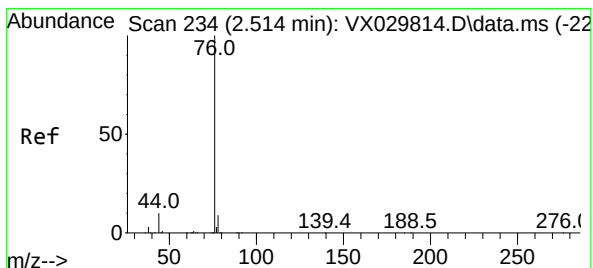
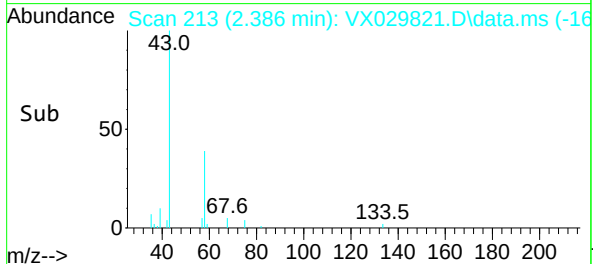
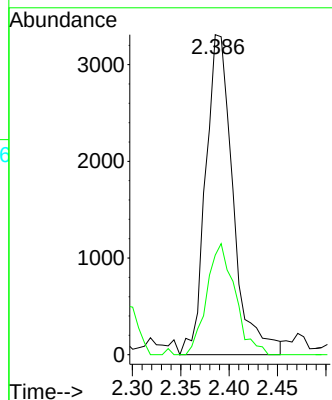
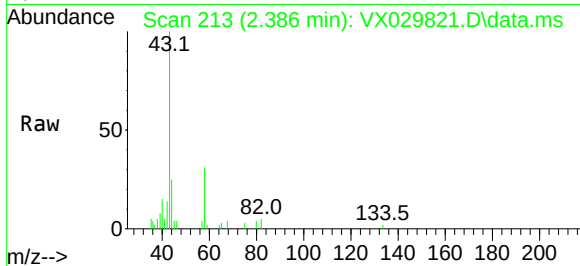




#16
Acetone
Concen: 4.431 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

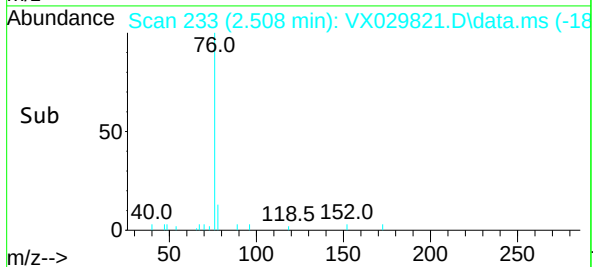
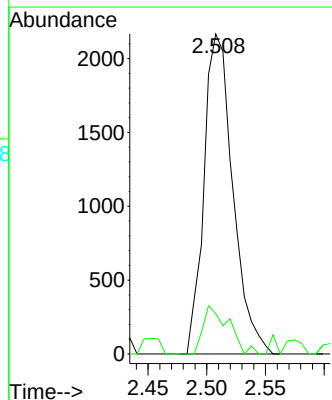
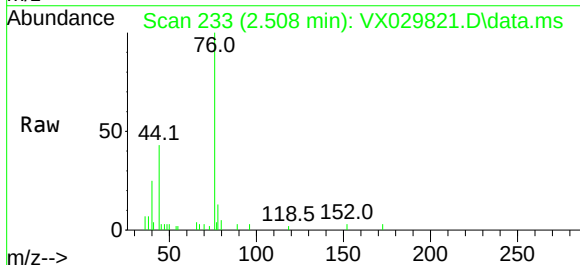
Instrument :
MSVOA_X
ClientSampleId :

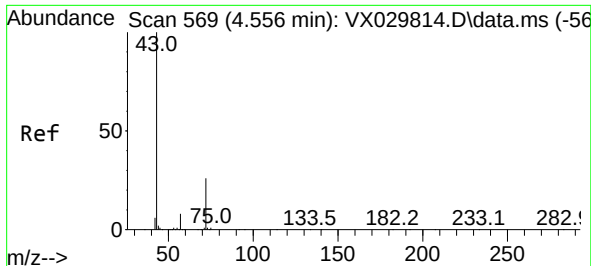
Tgt Ion: 43 Resp: 6555
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2



#17
Carbon Disulfide
Concen: 0.591 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

Tgt Ion: 76 Resp: 3714
Ion Ratio Lower Upper
76 100
78 12.6 7.2 10.8#





#25

2-Butanone

Concen: 0.759 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.031 min

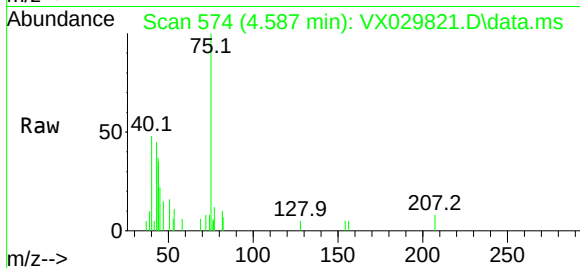
Lab File: VX029821.D

Acq: 27 Jun 2022 17:18

Instrument :

MSVOA_X

ClientSampleId :

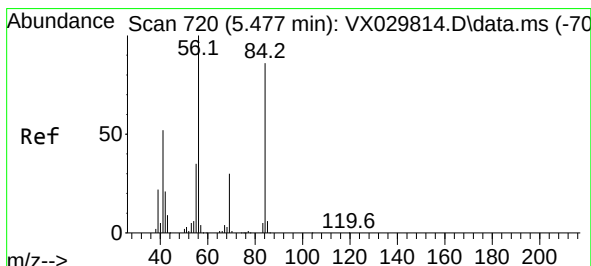
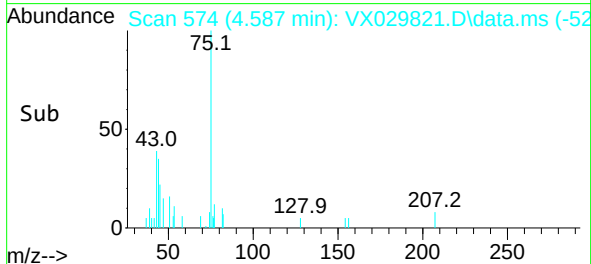
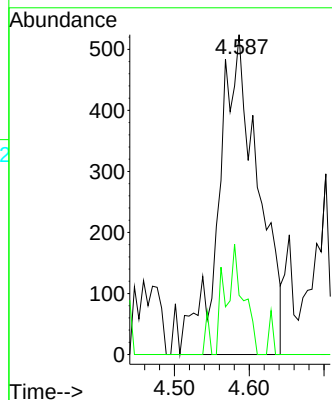


Tgt Ion: 43 Resp: 1907

Ion Ratio Lower Upper

43 100

72 18.5 24.4 36.6#



#31

Cyclohexane

Concen: 1.095 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX029821.D

Acq: 27 Jun 2022 17:18

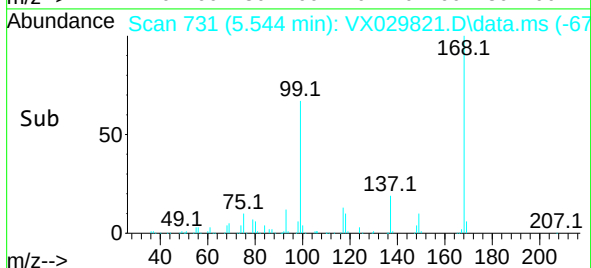
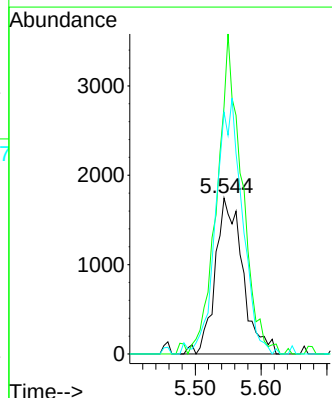
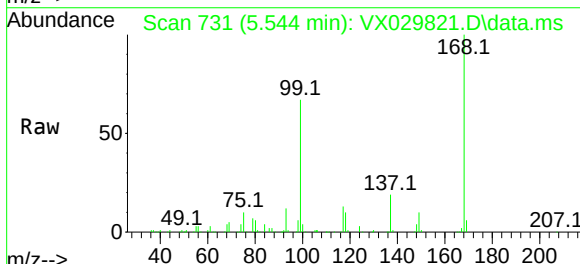
Tgt Ion: 56 Resp: 5062

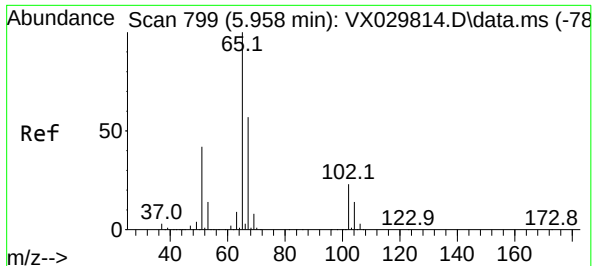
Ion Ratio Lower Upper

56 100

69 158.7 26.7 40.1#

84 155.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.911 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029821.D

Acq: 27 Jun 2022 17:18

Instrument :

MSVOA_X

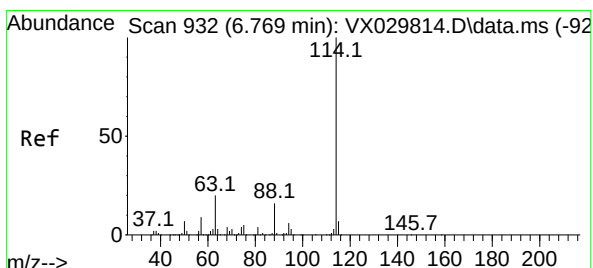
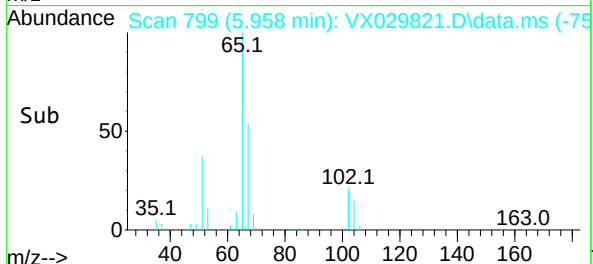
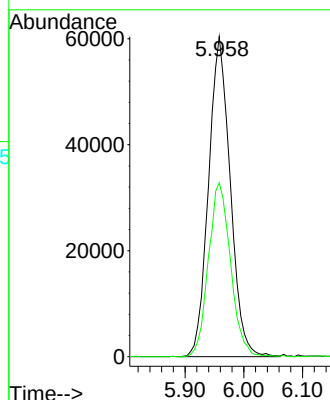
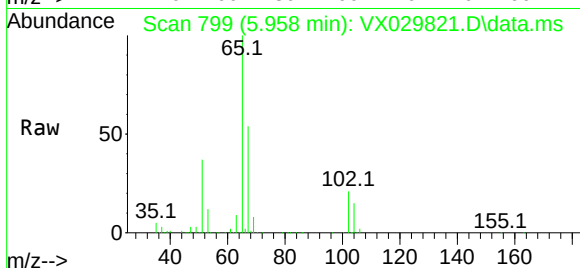
ClientSampleId :

Tgt Ion: 65 Resp: 154882

Ion Ratio Lower Upper

65 100

67 55.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX029821.D

Acq: 27 Jun 2022 17:18

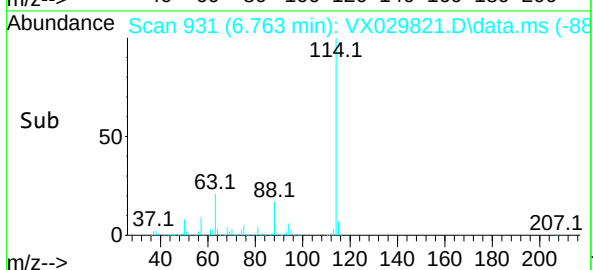
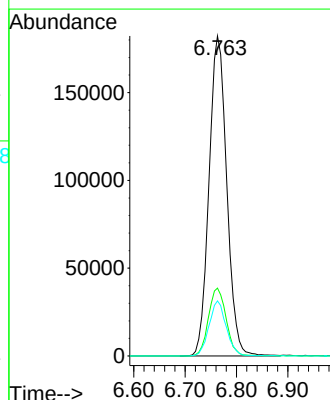
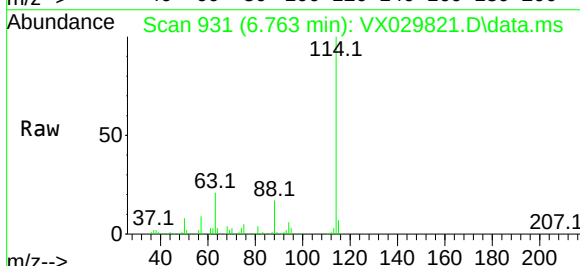
Tgt Ion: 114 Resp: 436324

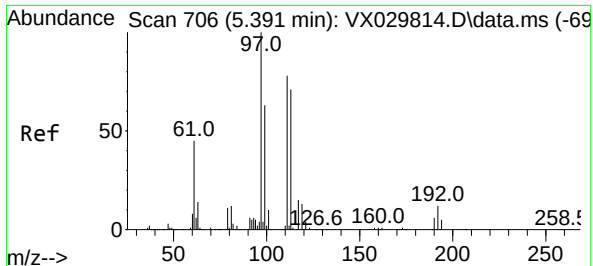
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.8

88 17.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.337 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

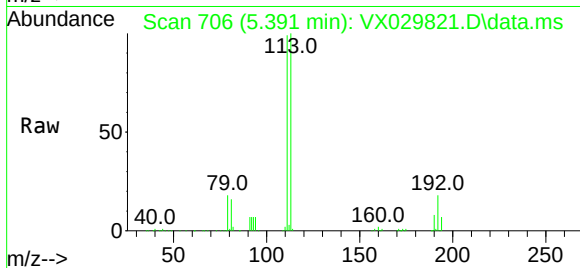
Lab File: VX029821.D

Acq: 27 Jun 2022 17:18

Instrument :

MSVOA_X

ClientSampleId :



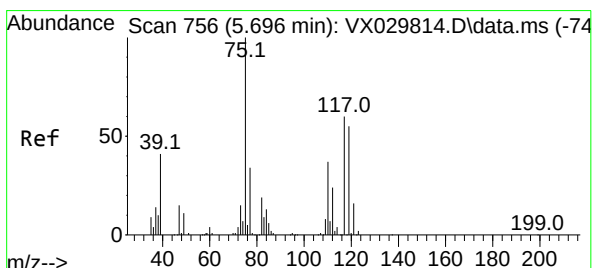
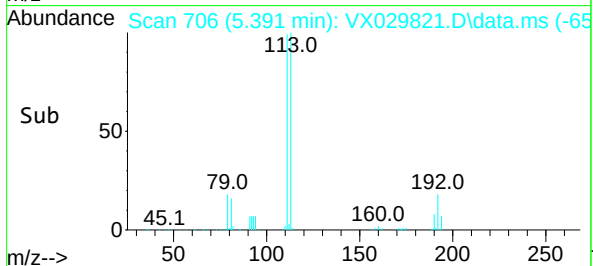
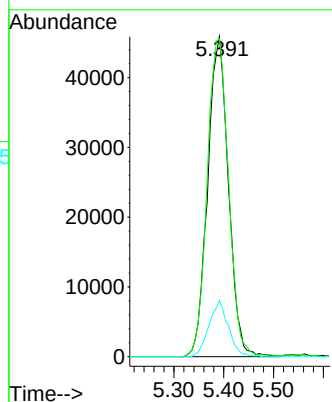
Tgt Ion:113 Resp: 132682

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 16.5 16.9 25.3#



#36

1,1-Dichloropropene

Concen: 4.340 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX029821.D

Acq: 27 Jun 2022 17:18

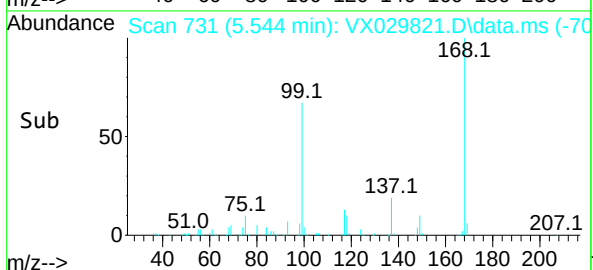
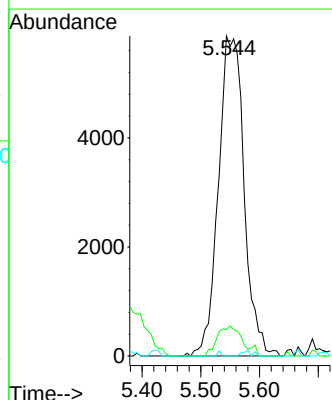
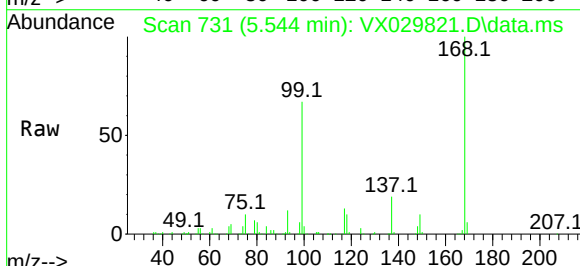
Tgt Ion: 75 Resp: 17820

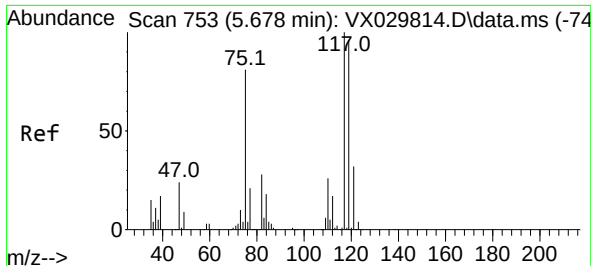
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

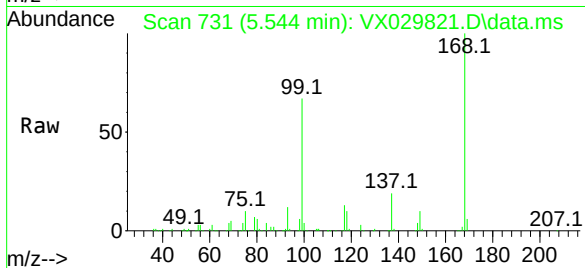
77 0.2 24.8 37.2#



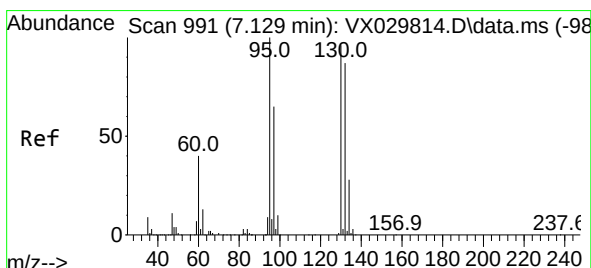
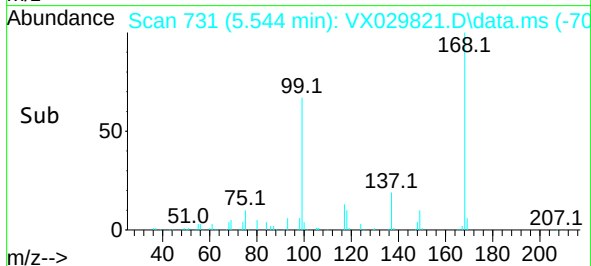
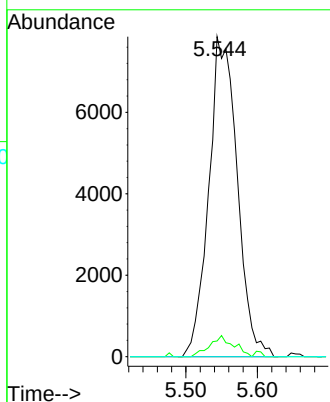


#38
Carbon Tetrachloride
Concen: 6.516 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

Instrument :
MSVOA_X
ClientSampleId :

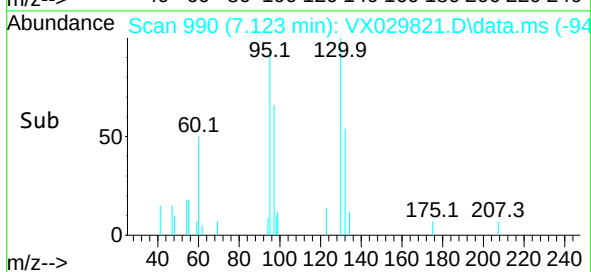
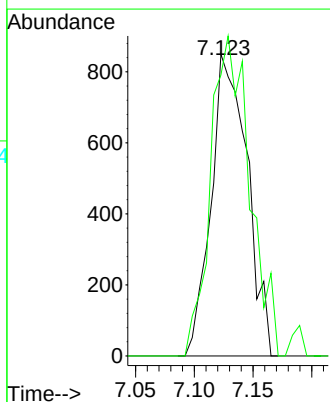
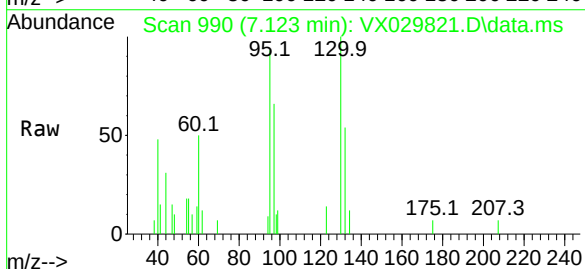


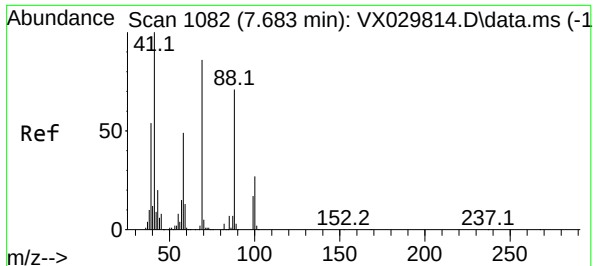
Tgt Ion:117 Resp: 21702
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.574 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

Tgt Ion:130 Resp: 1815
Ion Ratio Lower Upper
130 100
95 93.1 0.0 188.8





#49

1,4-Dioxane

Concen: 3.617 ug/l

RT: 7.696 min Scan# 1082

Delta R.T. 0.012 min

Lab File: VX029821.D

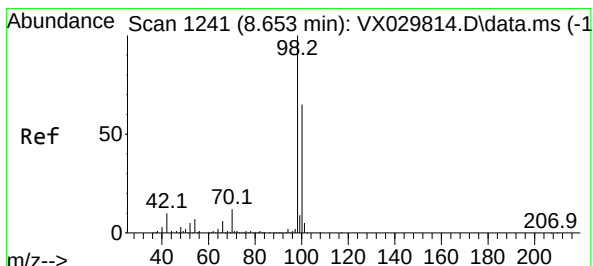
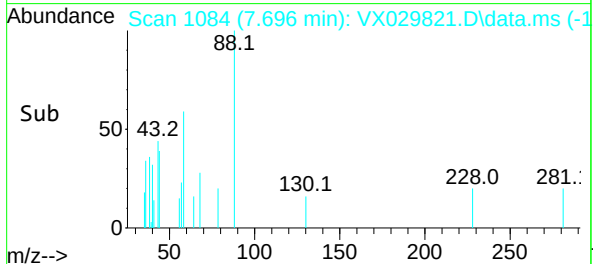
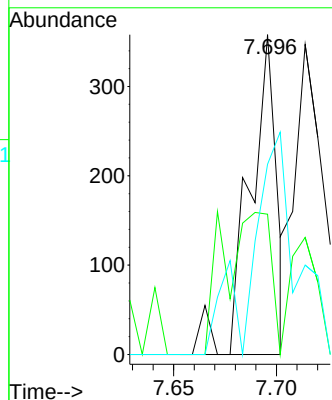
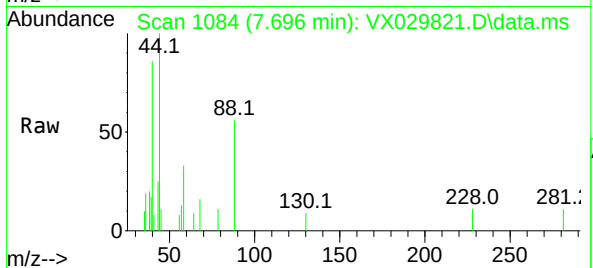
Acq: 27 Jun 2022 17:18

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp: 334
Ion Ratio	Lower Upper
88 100	
43 0.0	21.9 32.9#
58 111.1	53.7 80.5#



#50

Toluene-d8

Concen: 48.947 ug/l

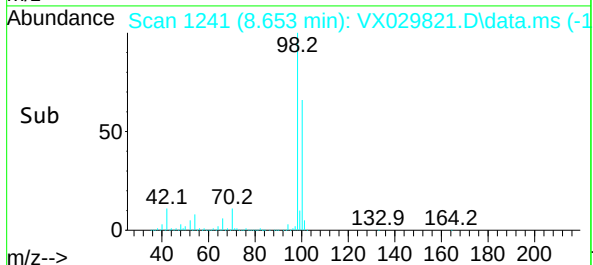
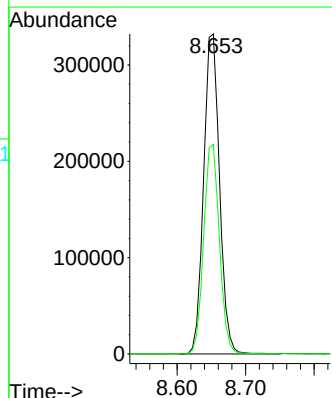
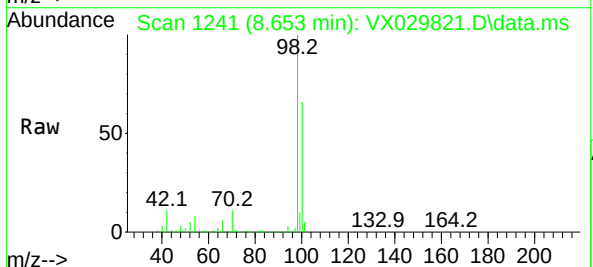
RT: 8.653 min Scan# 1241

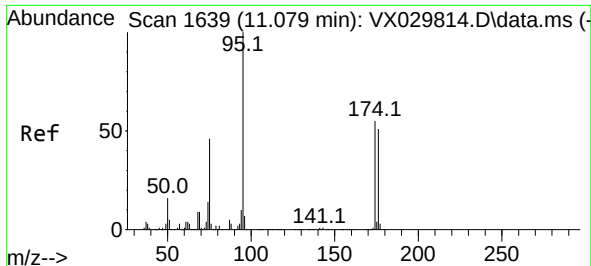
Delta R.T. 0.000 min

Lab File: VX029821.D

Acq: 27 Jun 2022 17:18

Tgt Ion: 98	Resp: 537274
Ion Ratio	Lower Upper
98 100	
100 65.1	52.6 78.8

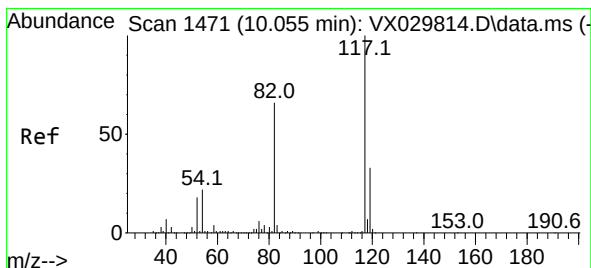
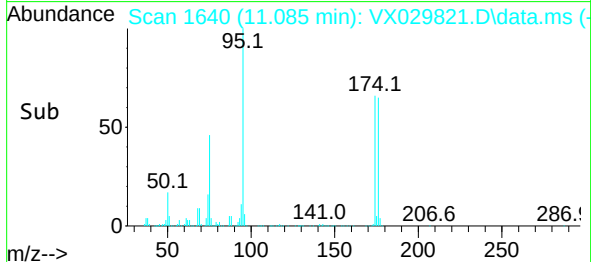
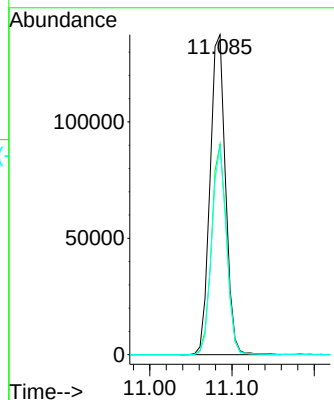
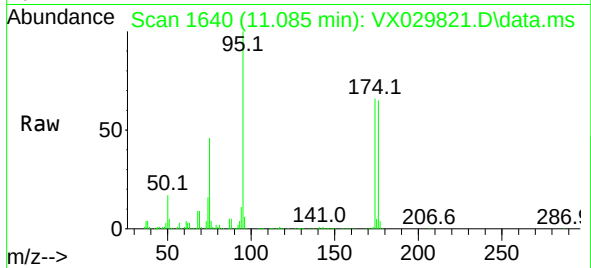




#62
4-Bromofluorobenzene
Concen: 44.780 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

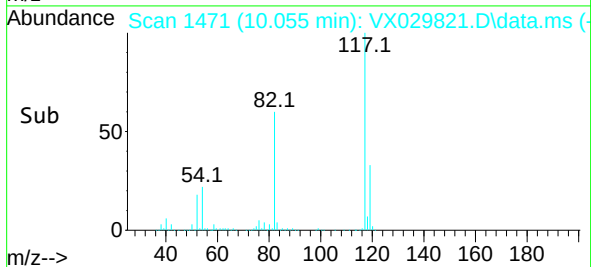
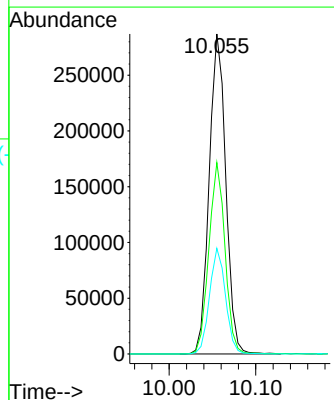
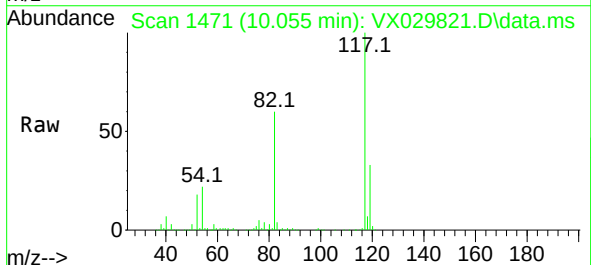
Instrument :
MSVOA_X
ClientSampleId :

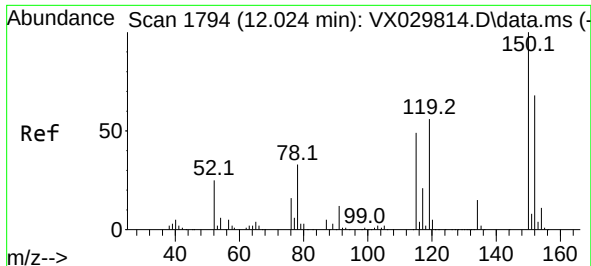
Tgt Ion: 95 Resp: 179752
Ion Ratio Lower Upper
95 100
174 64.1 0.0 163.0
176 62.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029821.D
Acq: 27 Jun 2022 17:18

Tgt Ion: 117 Resp: 381488
Ion Ratio Lower Upper
117 100
82 59.8 41.8 62.8
119 33.0 24.8 37.2

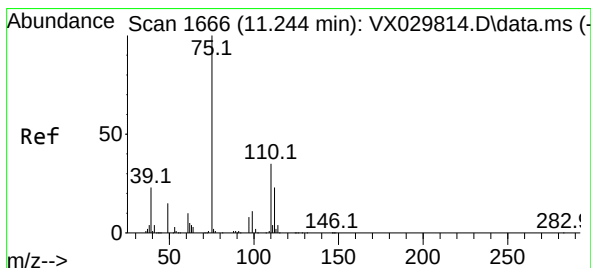
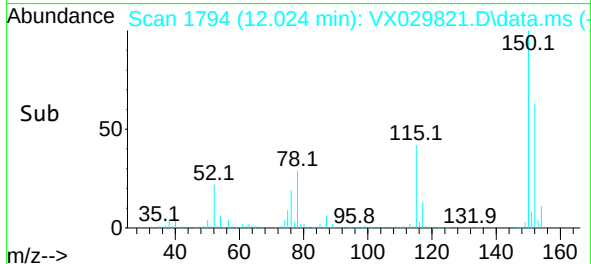
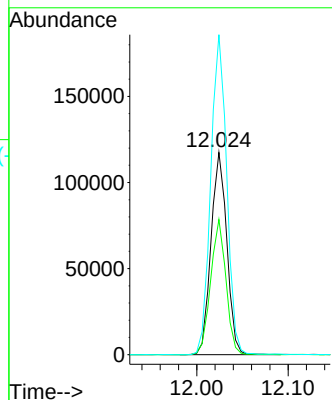
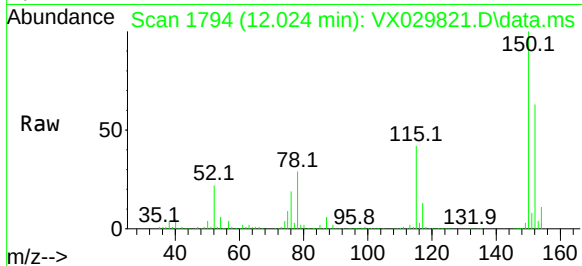




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029821.D
 Acq: 27 Jun 2022 17:18

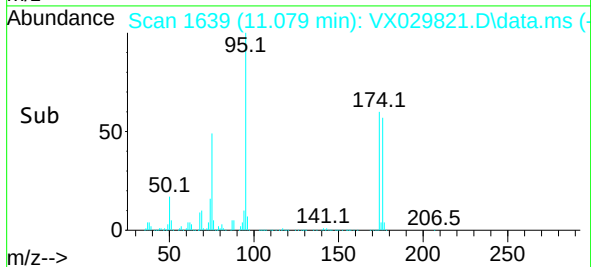
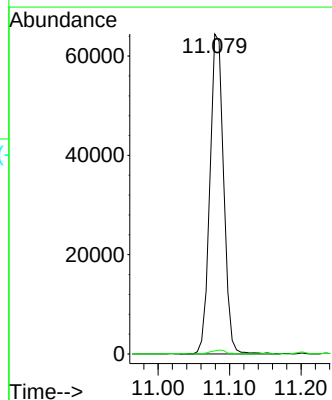
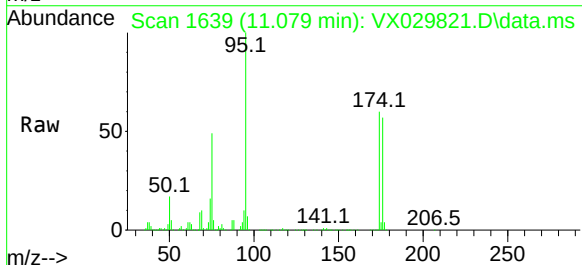
Instrument :
 MSVOA_X
 ClientSampleId :

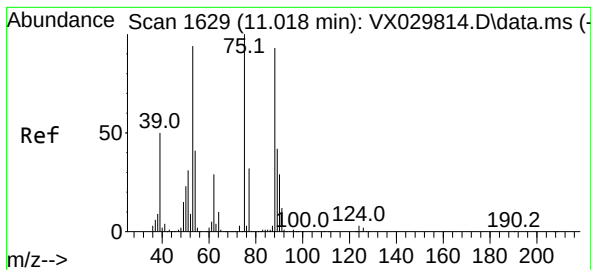
Tgt Ion:152 Resp: 140884
 Ion Ratio Lower Upper
 152 100
 115 64.6 37.5 112.7
 150 159.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.538 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029821.D
 Acq: 27 Jun 2022 17:18

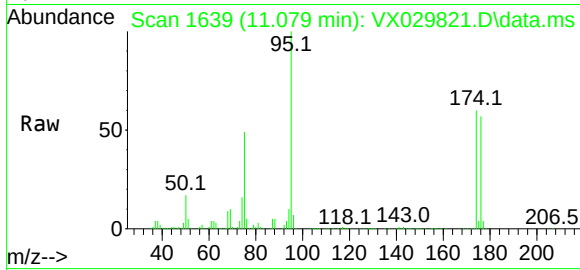
Tgt Ion: 75 Resp: 86017
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.506 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029821.D
 Acq: 27 Jun 2022 17:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 86017
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

