

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029320.D
 Acq On : 08 Jun 2022 14:50
 Operator : JC/MD
 Sample : N3224-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 06:59:52 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)

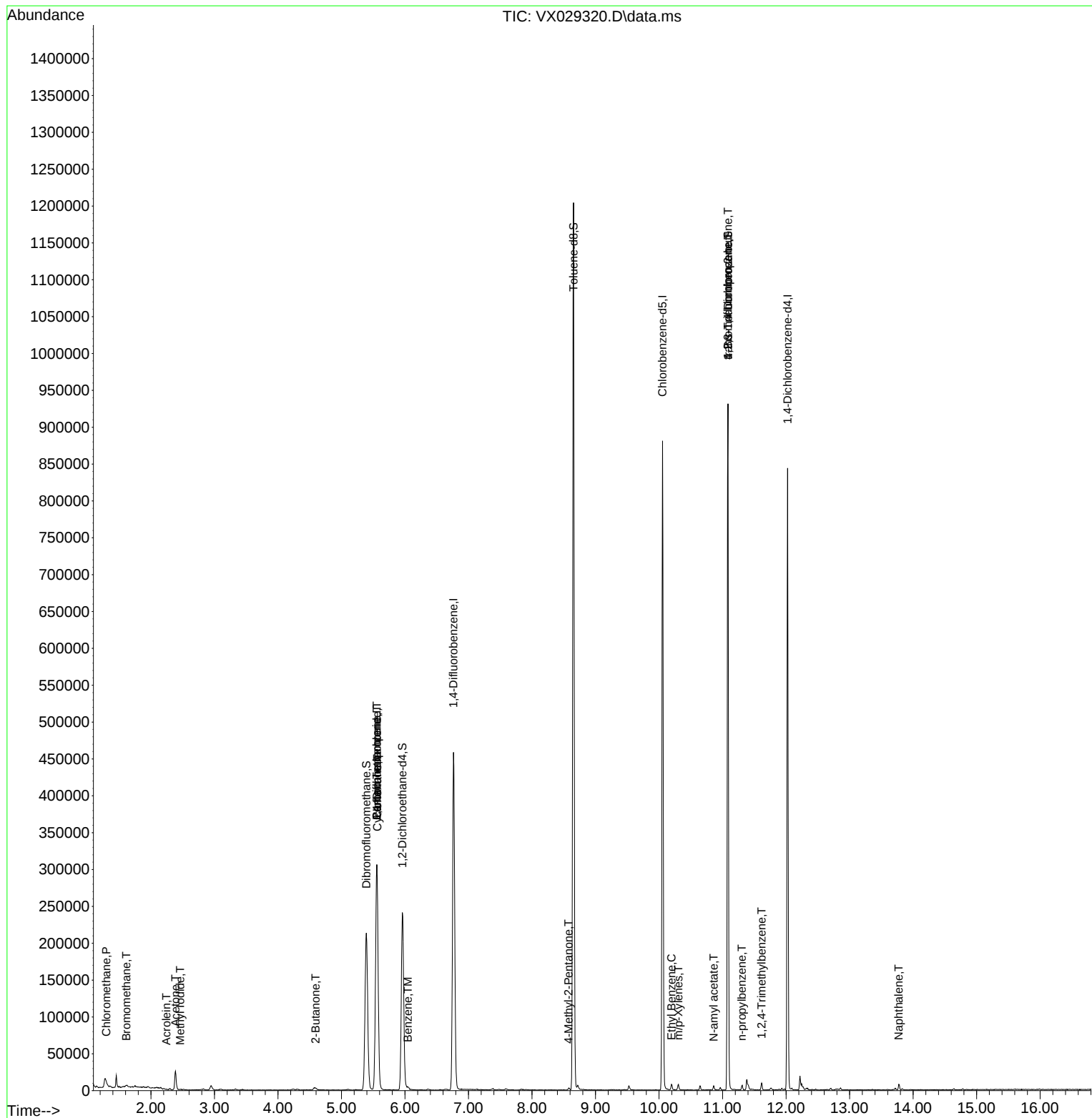
Internal Standards						
1) Pentafluorobenzene	5.556	168	281376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	473554	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	235721	55.217	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.440%			
35) Dibromofluoromethane	5.391	113	192298	47.765	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.540%			
50) Toluene-d8	8.653	98	704526	49.481	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.960%			
62) 4-Bromofluorobenzene	11.085	95	257286	46.175	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.340%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	1000	0.210	ug/l	94
5) Bromomethane	1.611	94	882	0.333	ug/l	94
6) Chloroethane	1.703	64	515	Below Cal	#	43
10) Methyl Iodide	2.459	142	843	1.388	ug/l #	89
11) Tert butyl alcohol	2.947	59	4045	Below Cal	#	72
13) Acrolein	2.239	56	280	0.539	ug/l #	76
16) Acetone	2.386	43	27118	11.914	ug/l	90
25) 2-Butanone	4.593	43	4572	1.270	ug/l	94
31) Cyclohexane	5.562	56	5886	0.772	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	22394	3.367	ug/l #	50
38) Carbon Tetrachloride	5.556	117	30372	4.468	ug/l #	16
40) Benzene	6.044	78	4001	0.202	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	1990	0.295	ug/l	94
67) Ethyl Benzene	10.195	91	4961	0.258	ug/l #	87
68) m/p-Xylenes	10.305	106	1825	0.245	ug/l	94
74) N-amyl acetate	10.860	43	1099	0.250	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	130060	33.731	ug/l #	38
78) n-propylbenzene	11.305	91	4291	0.291	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	130060	102.481	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.616	105	4614	0.424	ug/l	77
95) Naphthalene	13.774	128	4688	0.390	ug/l	97

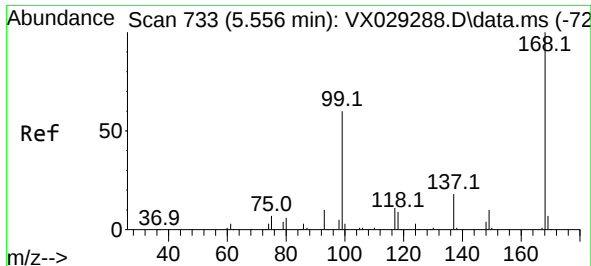
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

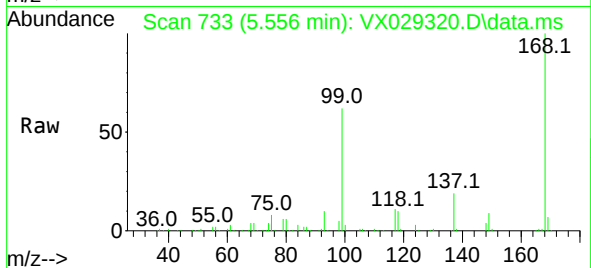
Quant Time: Jun 09 06:59:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration



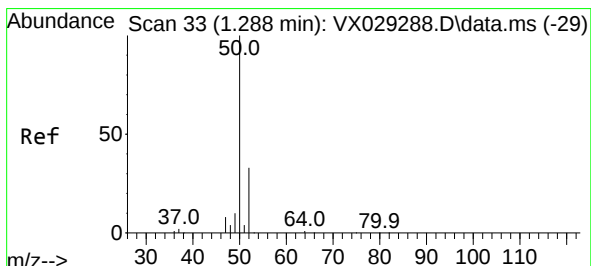
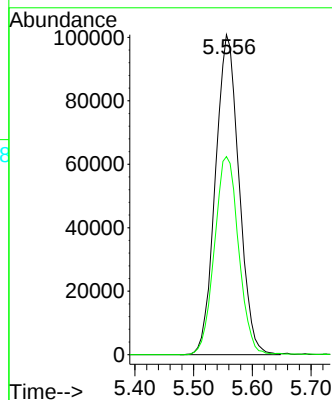
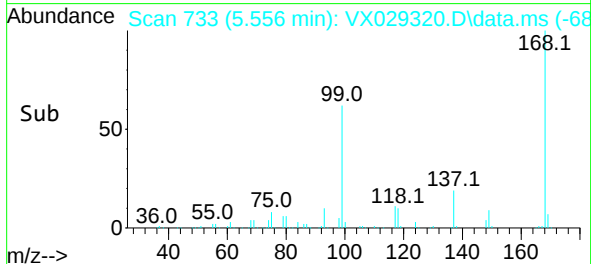


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :

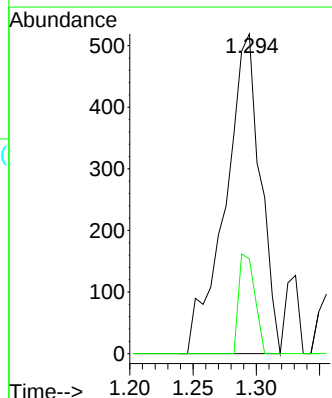
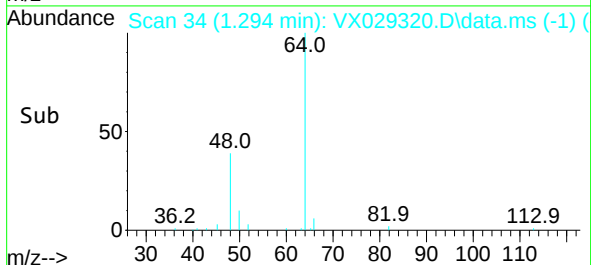
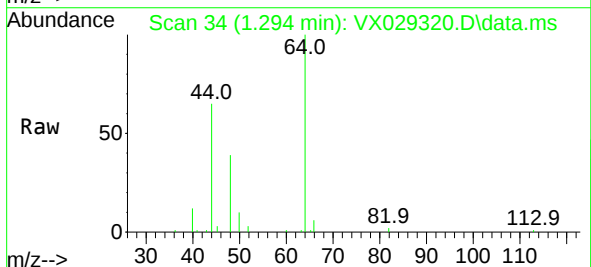


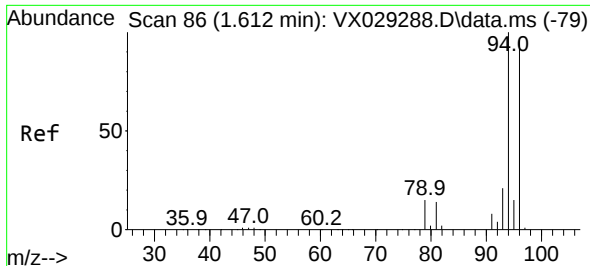
Tgt Ion:168 Resp: 281376
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 50 Resp: 1000
Ion Ratio Lower Upper
50 100
52 29.7 26.4 39.6

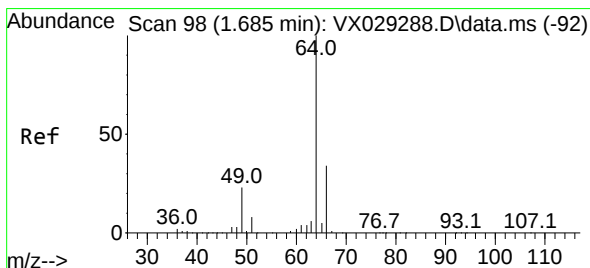
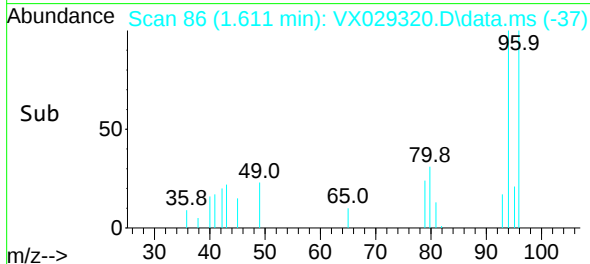
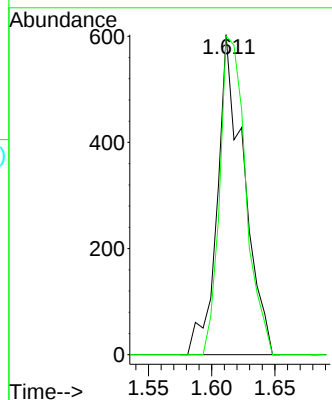
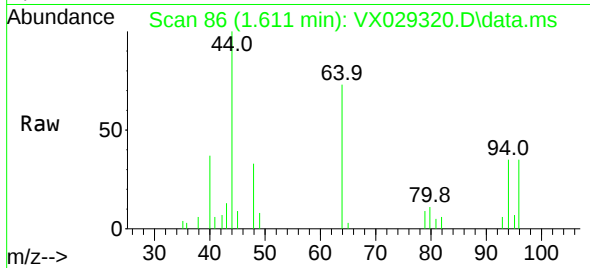




#5
Bromomethane
Concen: 0.333 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.001 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

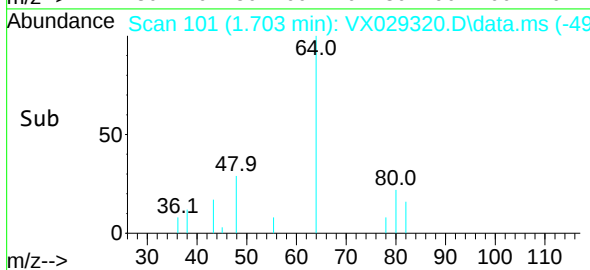
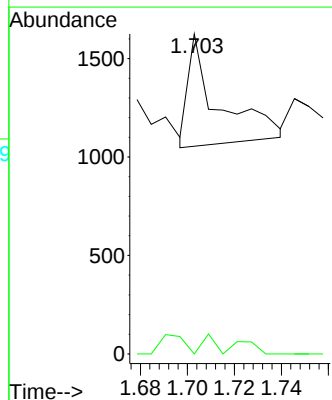
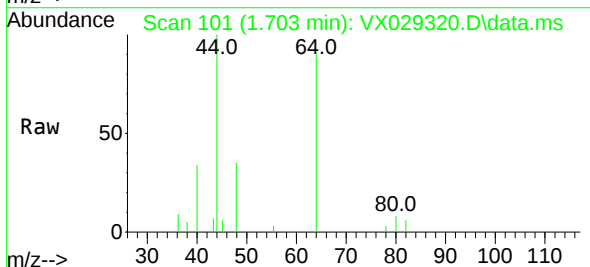
Instrument :
MSVOA_X
ClientSampleId :

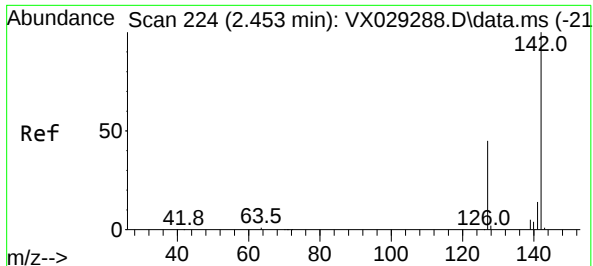
Tgt Ion: 94 Resp: 882
Ion Ratio Lower Upper
94 100
96 99.7 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

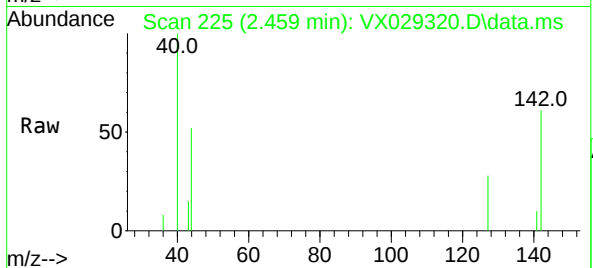
Tgt Ion: 64 Resp: 515
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



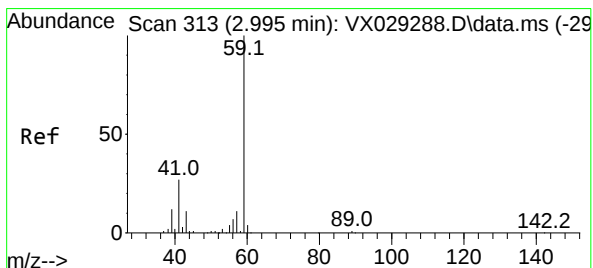
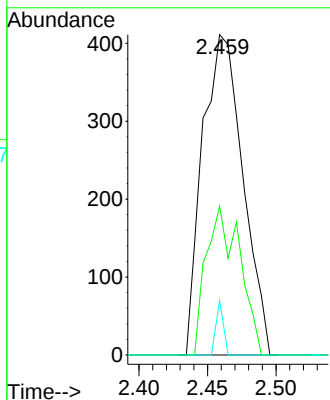
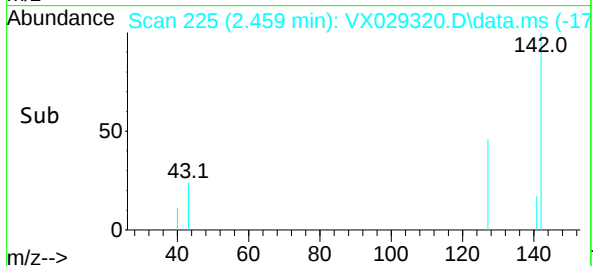


#10
Methyl Iodide
Concen: 1.388 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

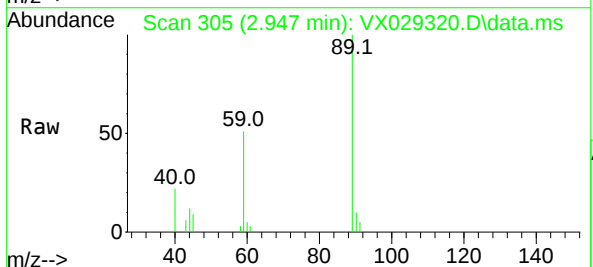
Instrument :
MSVOA_X
ClientSampleId :



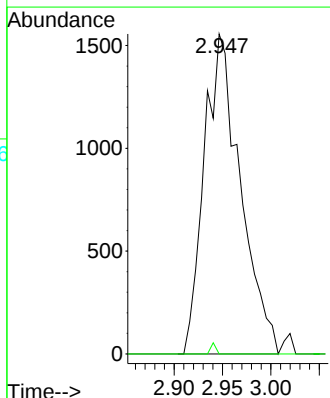
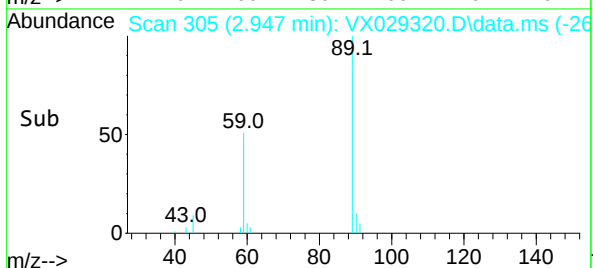
Tgt Ion:142 Resp: 843
Ion Ratio Lower Upper
142 100
127 38.7 33.9 50.9
141 3.1 11.4 17.2#

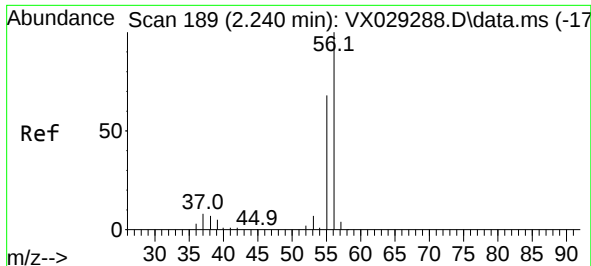


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50



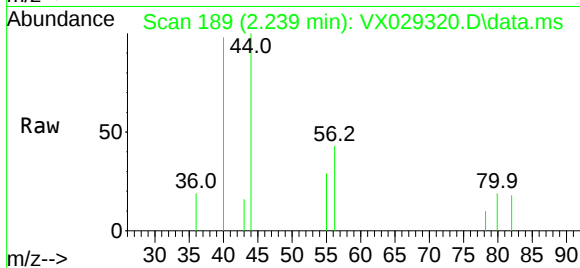
Tgt Ion: 59 Resp: 4045
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



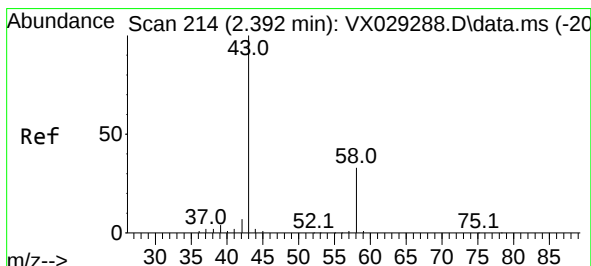
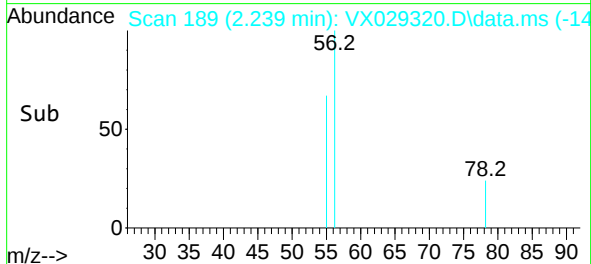
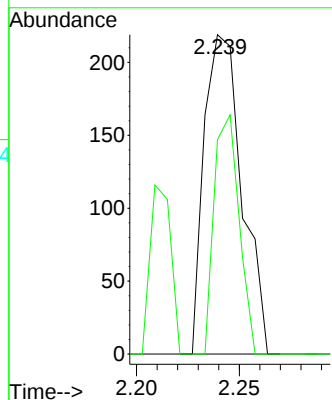


#13
Acrolein
Concen: 0.539 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :

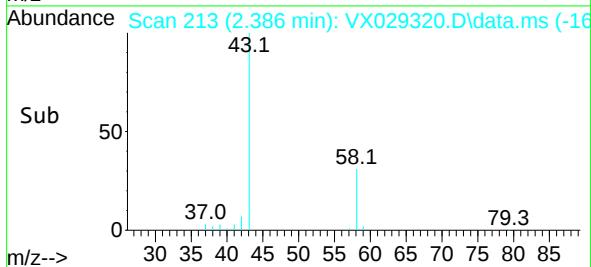
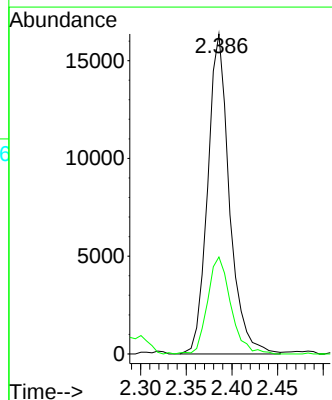
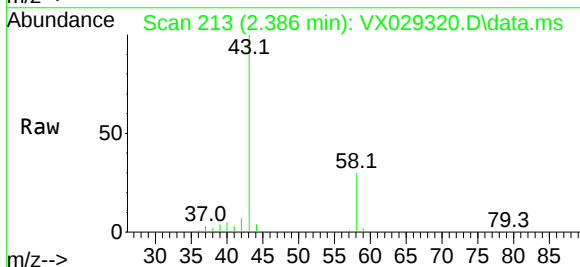


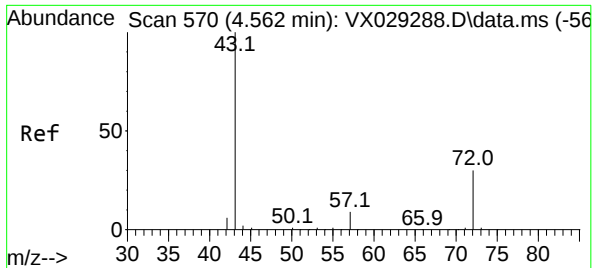
Tgt Ion: 56 Resp: 280
Ion Ratio Lower Upper
56 100
55 49.3 55.0 82.6#



#16
Acetone
Concen: 11.914 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 43 Resp: 27118
Ion Ratio Lower Upper
43 100
58 30.3 28.8 43.2

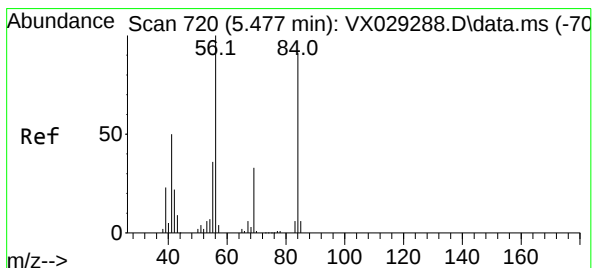
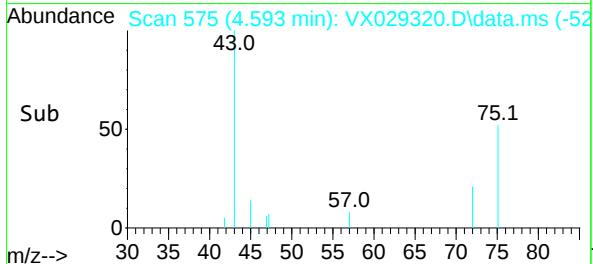
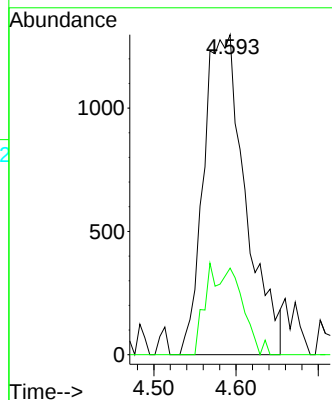
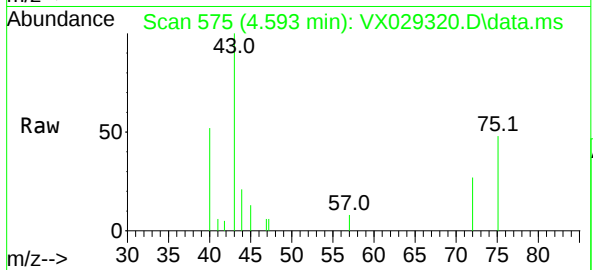




#25
2-Butanone
Concen: 1.270 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

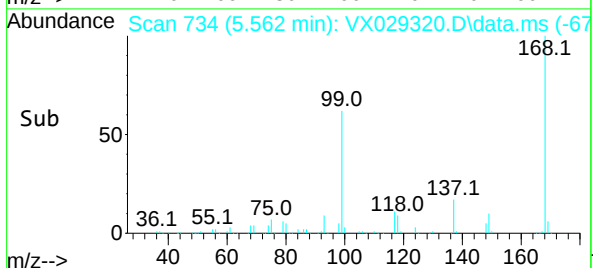
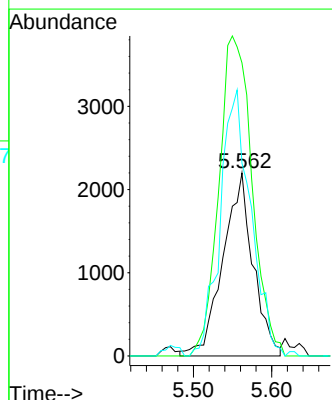
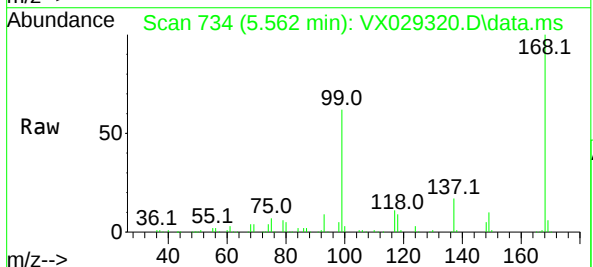
Instrument :
MSVOA_X
ClientSampleId :

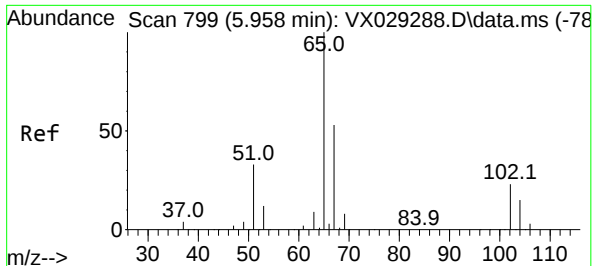
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
72 27.0 24.4 36.6



#31
Cyclohexane
Concen: 0.772 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 56 Resp: 5886
Ion Ratio Lower Upper
56 100
69 164.6 26.7 40.1#
84 103.8 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 55.217 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029320.D

Acq: 08 Jun 2022 14:50

Instrument :

MSVOA_X

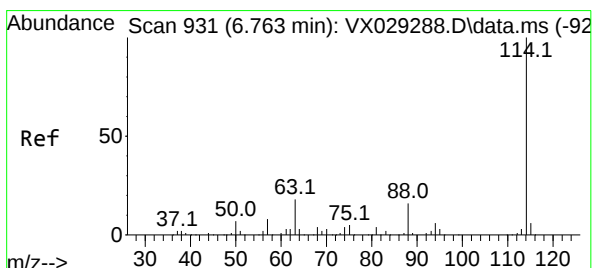
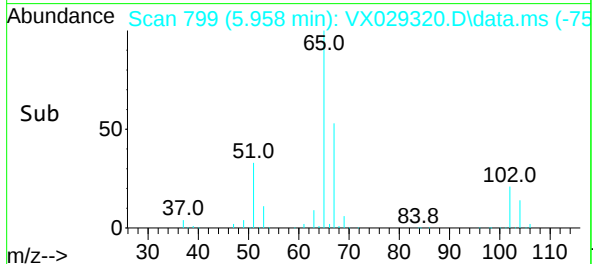
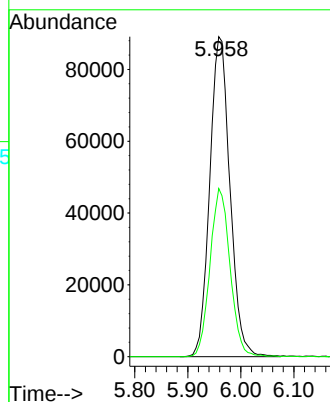
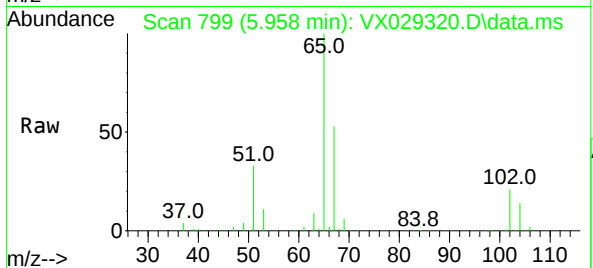
ClientSampleId :

Tgt Ion: 65 Resp: 235721

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029320.D

Acq: 08 Jun 2022 14:50

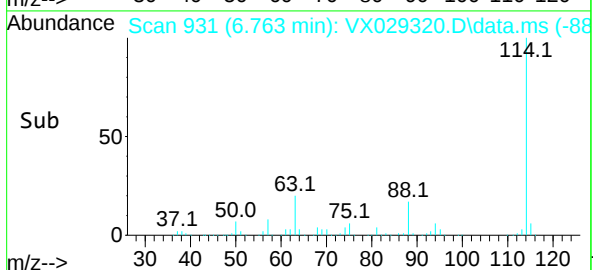
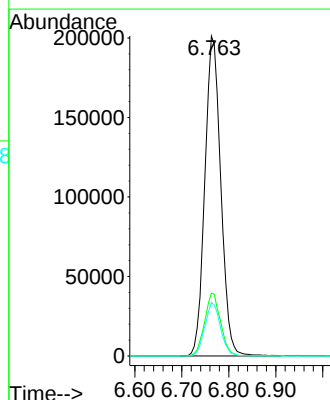
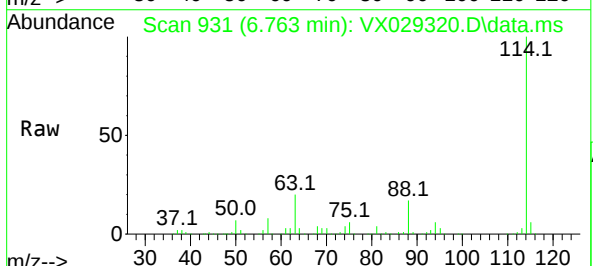
Tgt Ion: 114 Resp: 473554

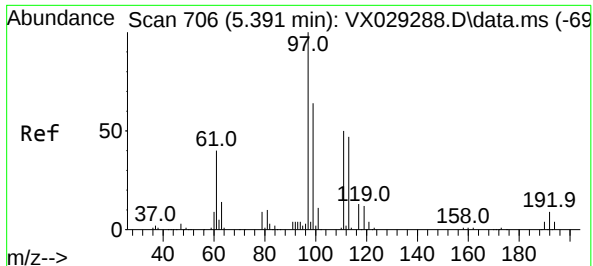
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.765 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

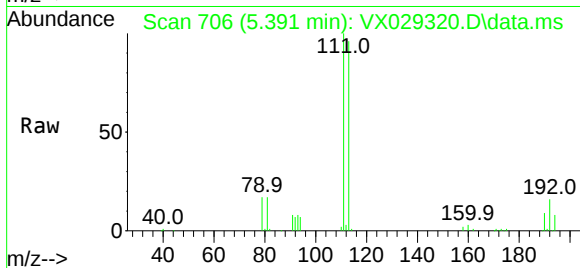
Lab File: VX029320.D

Acq: 08 Jun 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :



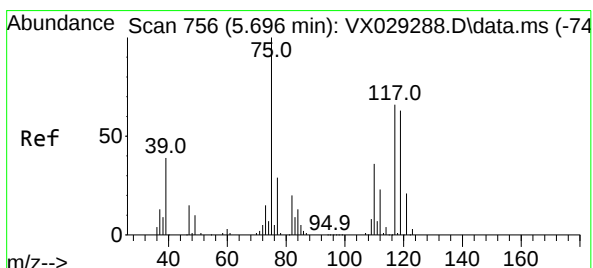
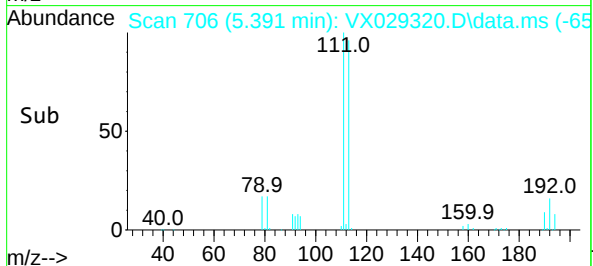
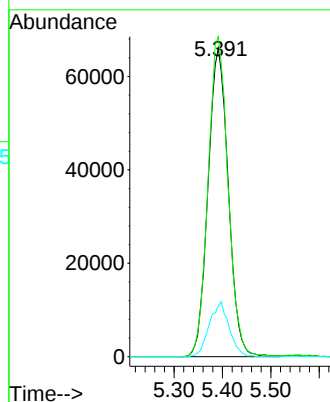
Tgt Ion:113 Resp: 192298

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 17.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.367 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029320.D

Acq: 08 Jun 2022 14:50

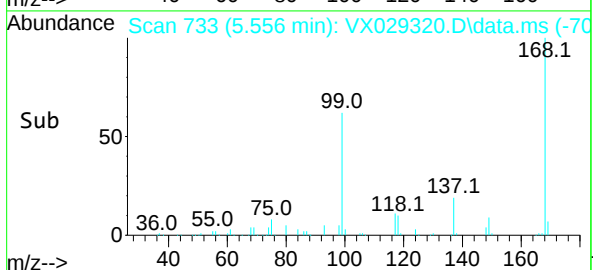
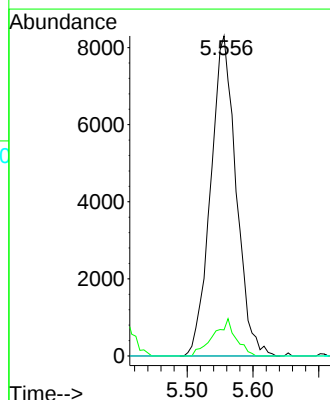
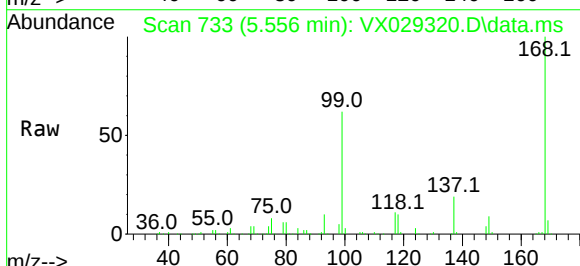
Tgt Ion: 75 Resp: 22394

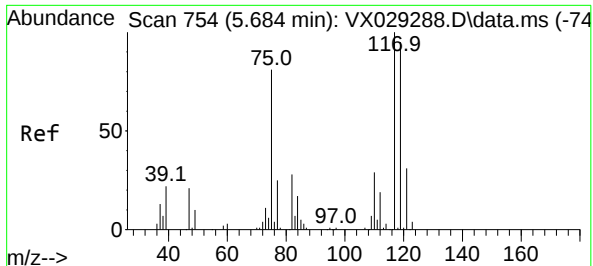
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

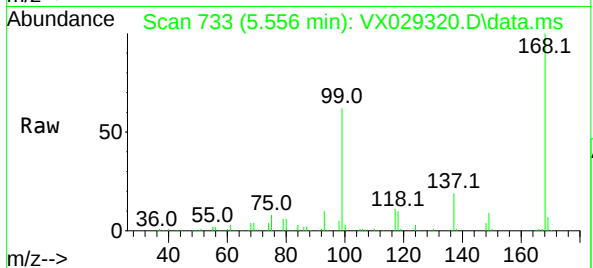
77 0.0 24.8 37.2#



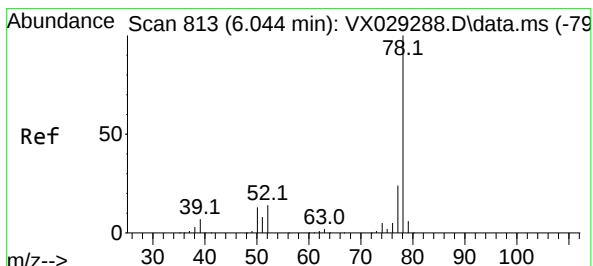
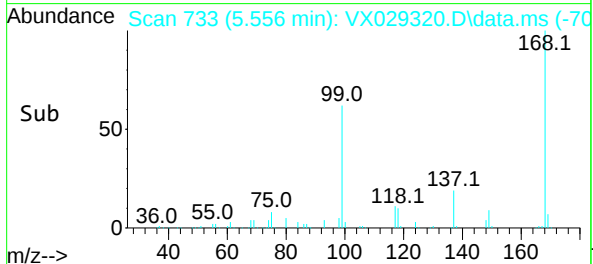
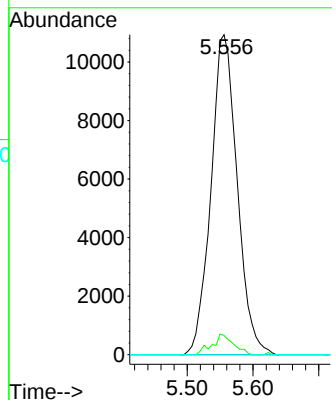


#38
Carbon Tetrachloride
Concen: 4.468 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :

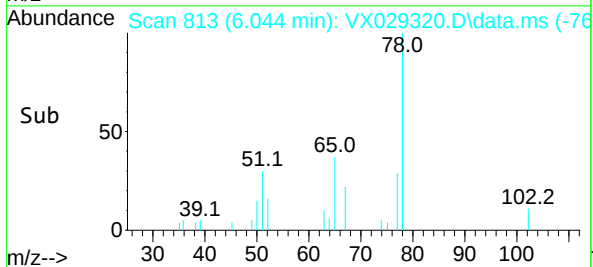
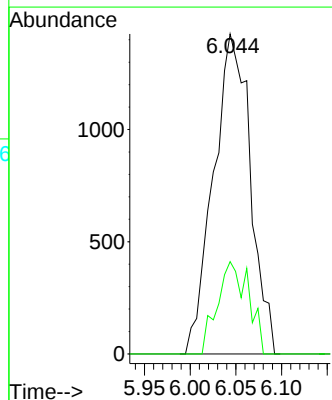
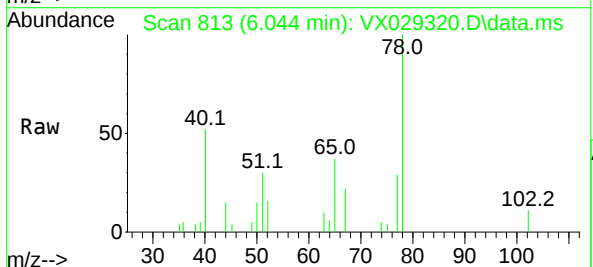


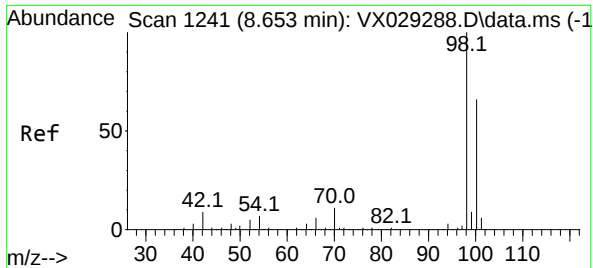
Tgt Ion:117 Resp: 30372
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.202 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 78 Resp: 4001
Ion Ratio Lower Upper
78 100
77 28.8 19.3 28.9

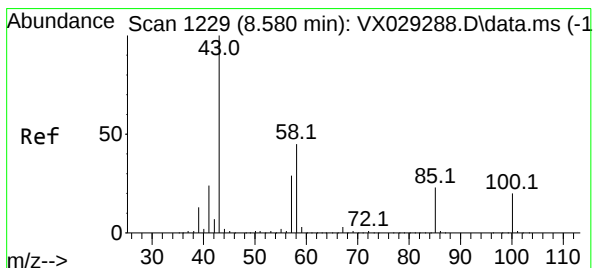
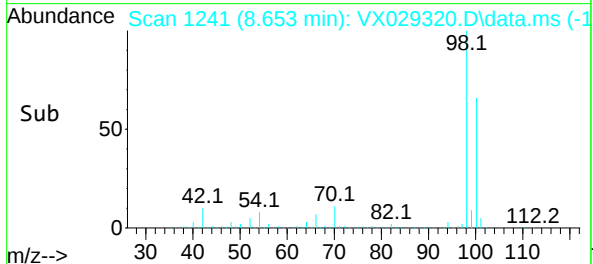
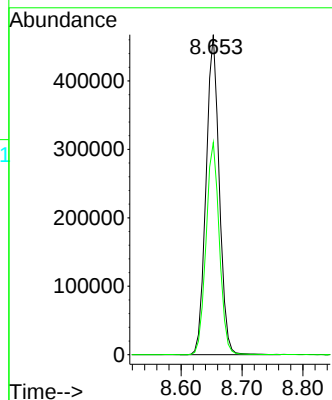
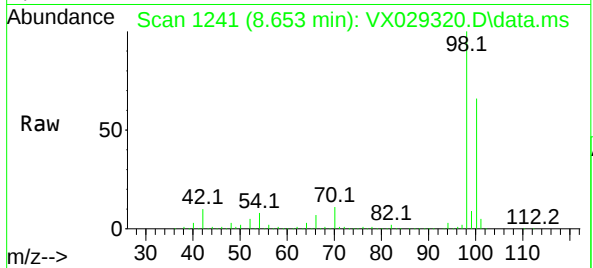




#50
Toluene-d8
Concen: 49.481 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

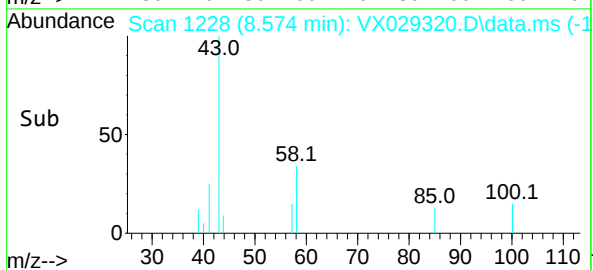
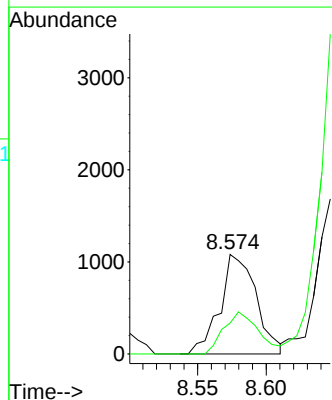
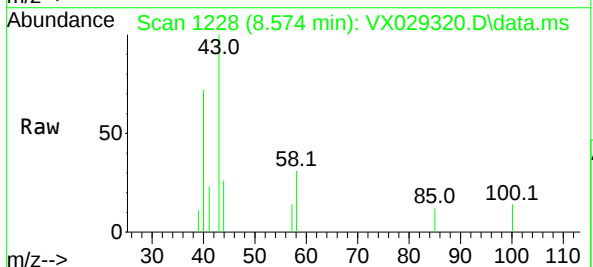
Instrument :
MSVOA_X
ClientSampleId :

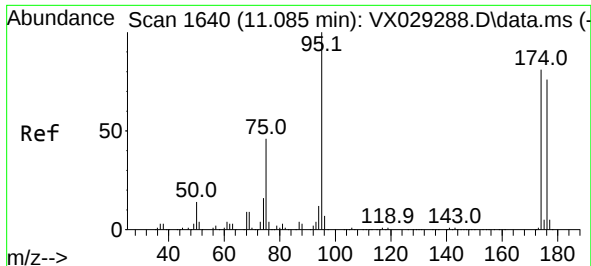
Tgt Ion: 98 Resp: 704526
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.295 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
58 40.9 36.1 54.1

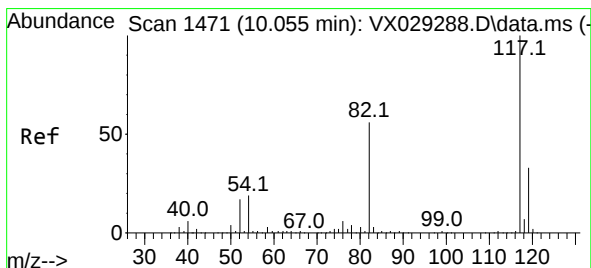
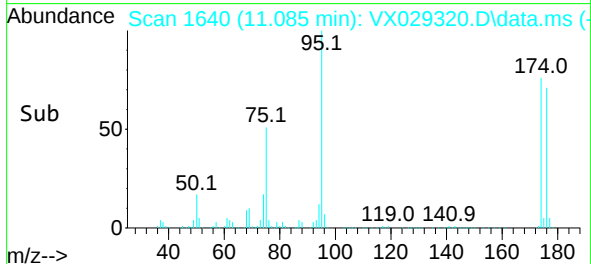
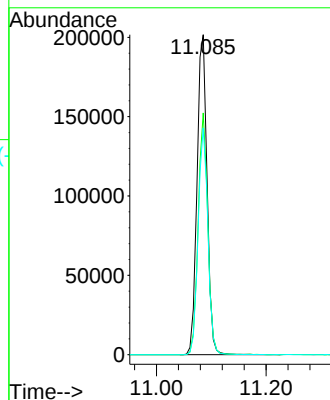
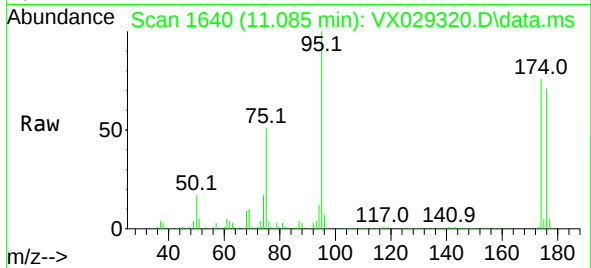




#62
4-Bromofluorobenzene
Concen: 46.175 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

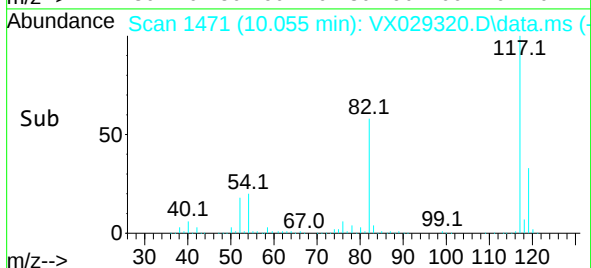
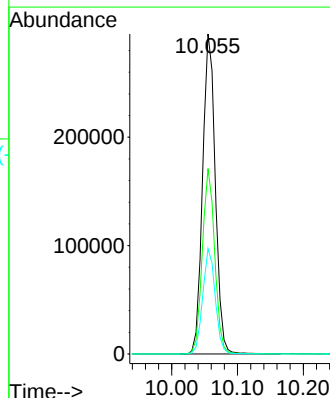
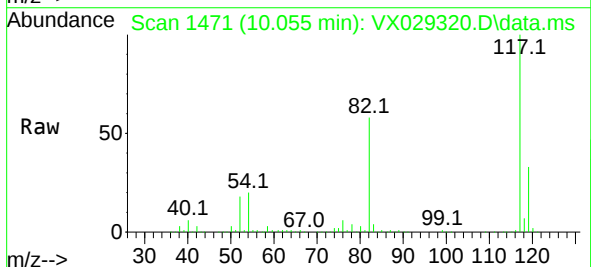
Instrument :
MSVOA_X
ClientSampleId :

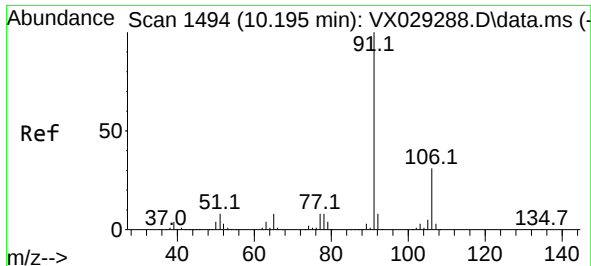
Tgt Ion: 95 Resp: 257286
Ion Ratio Lower Upper
95 100
174 72.5 0.0 163.0
176 68.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 117 Resp: 397372
Ion Ratio Lower Upper
117 100
82 58.0 41.8 62.8
119 32.9 24.8 37.2

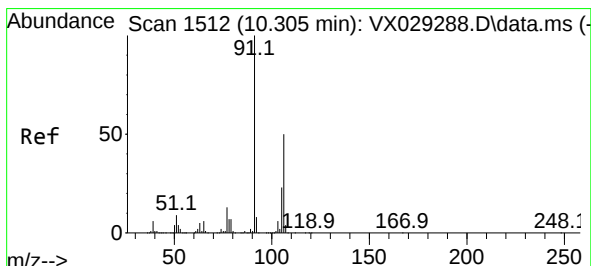
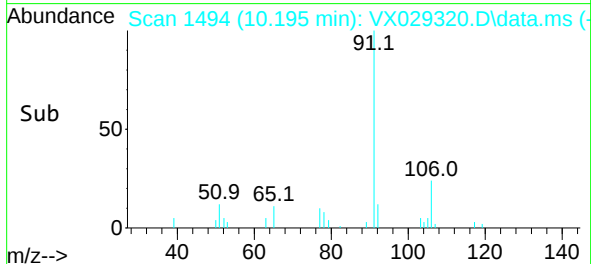
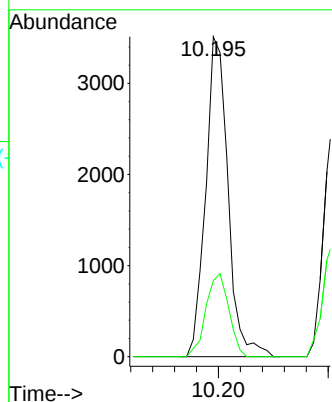
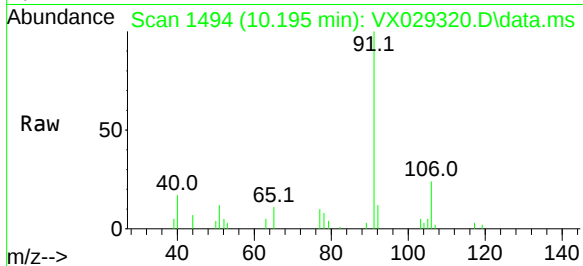




#67
Ethyl Benzene
Concen: 0.258 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

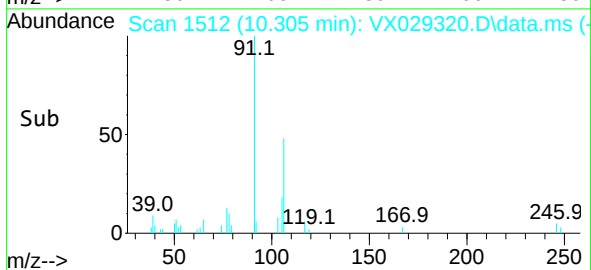
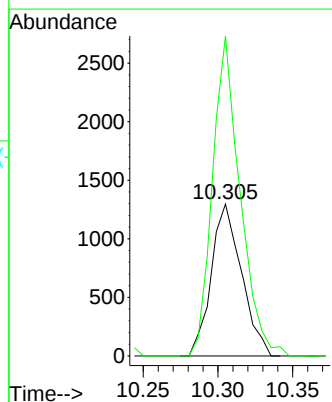
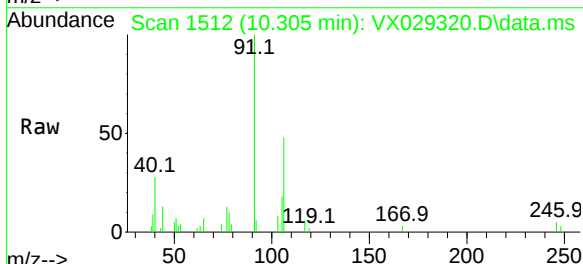
Instrument :
MSVOA_X
ClientSampleId :

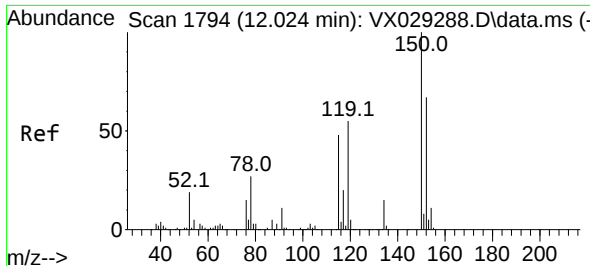
Tgt Ion: 91 Resp: 4961
Ion Ratio Lower Upper
91 100
106 23.7 24.6 36.8#



#68
m/p-Xylenes
Concen: 0.245 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

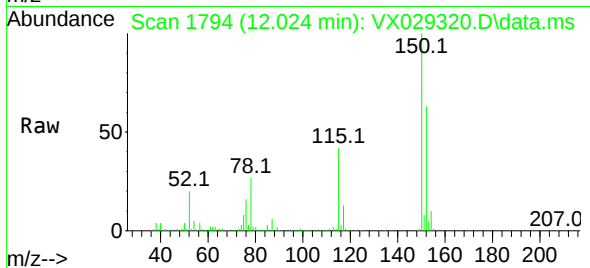
Tgt Ion: 106 Resp: 1825
Ion Ratio Lower Upper
106 100
91 192.1 160.4 240.6



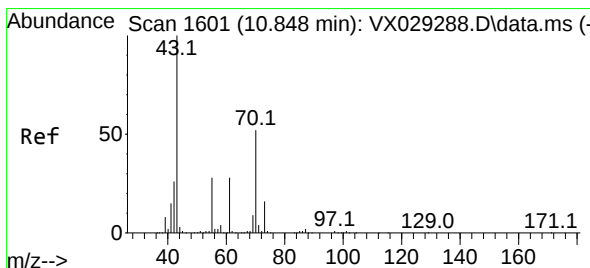
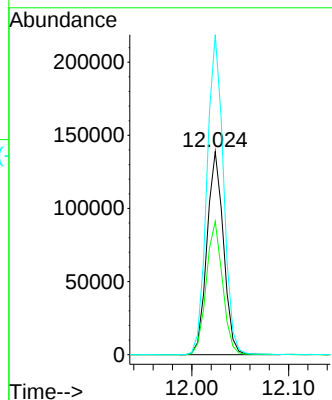
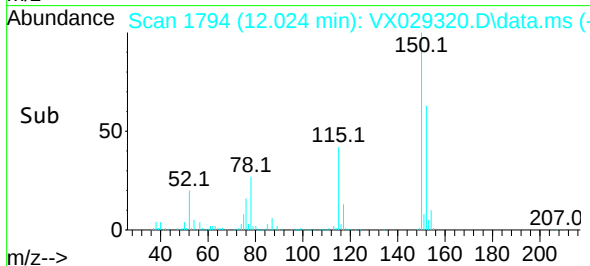


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

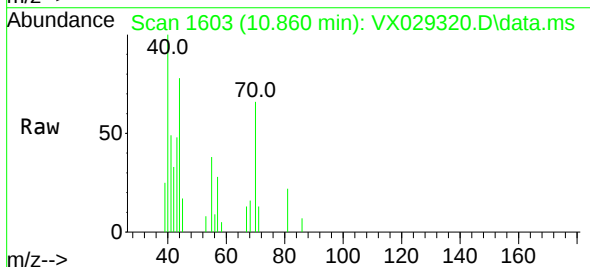
Instrument :
MSVOA_X
ClientSampleId :



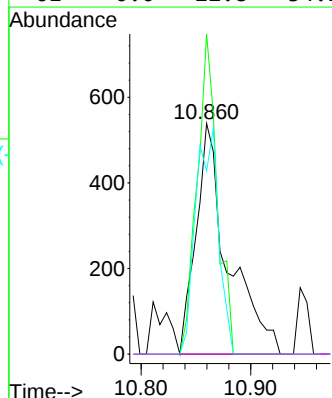
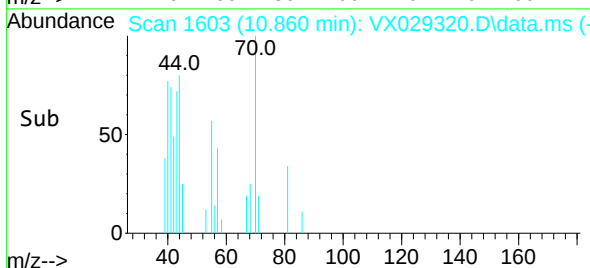
Tgt Ion:152 Resp: 165082
Ion Ratio Lower Upper
152 100
115 64.7 37.5 112.7
150 157.9 0.0 338.2

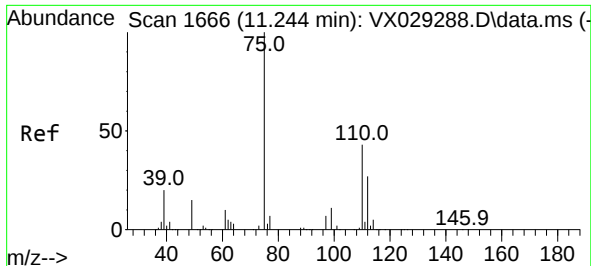


#74
N-ethyl acetate
Concen: 0.250 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50



Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
70 86.7 42.5 63.7#
55 69.7 23.1 34.7#
61 0.0 22.8 34.2#

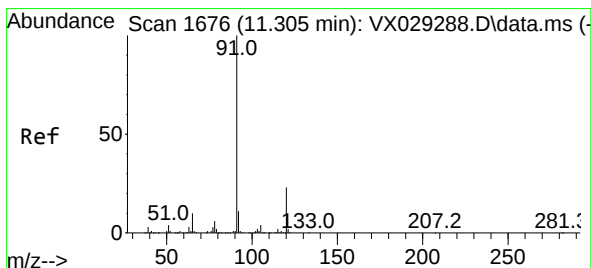
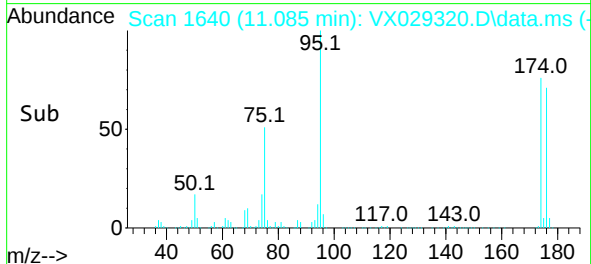
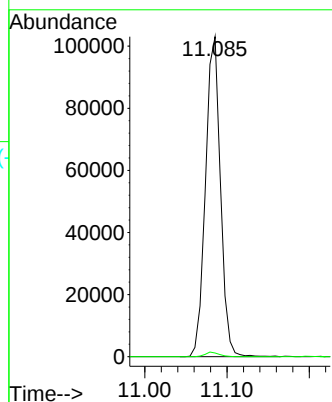
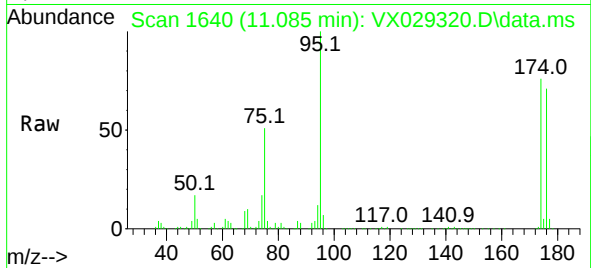




#76
1,2,3-Trichloropropane
Concen: 33.731 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.159 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

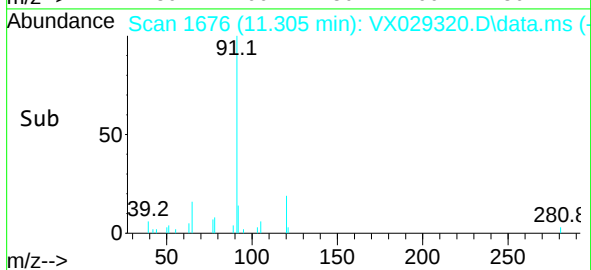
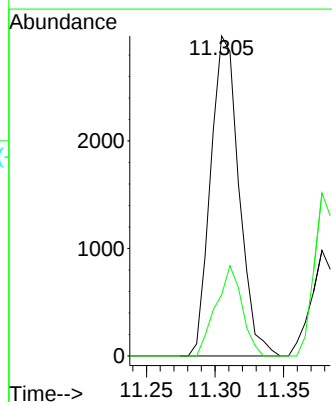
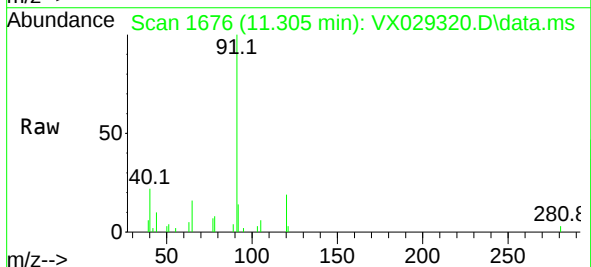
Instrument :
MSVOA_X
ClientSampleId :

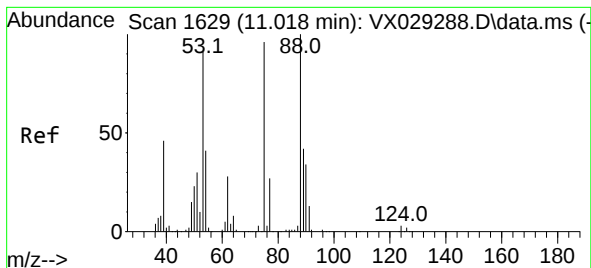
Tgt Ion: 75 Resp: 130060
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#78
n-propylbenzene
Concen: 0.291 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

Tgt Ion: 91 Resp: 4291
Ion Ratio Lower Upper
91 100
120 25.8 11.6 34.8

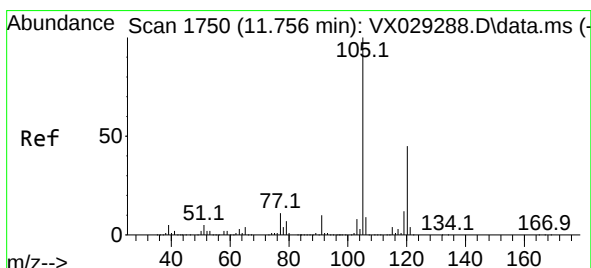
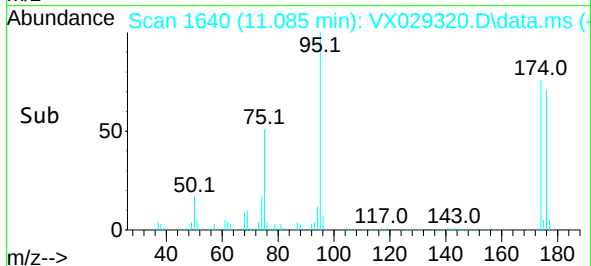
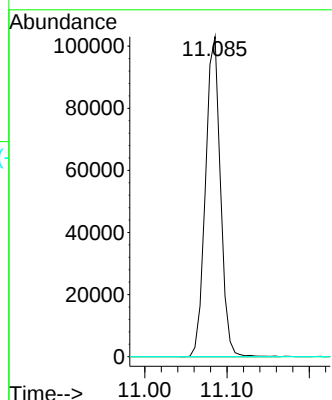
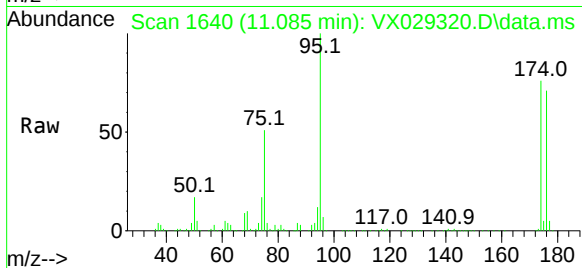




#81
trans-1,4-Dichloro-2-butene
Concen: 102.481 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

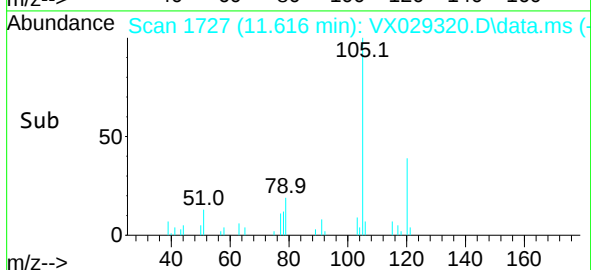
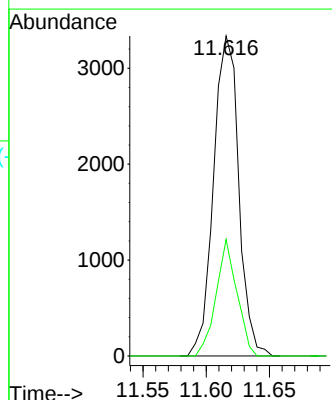
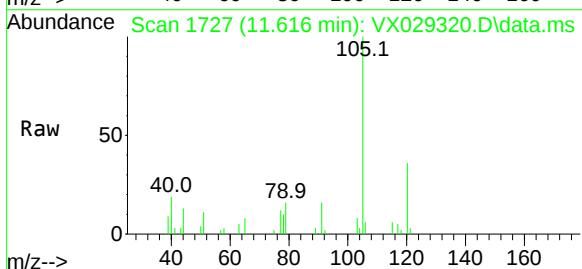
Instrument :
MSVOA_X
ClientSampleId :

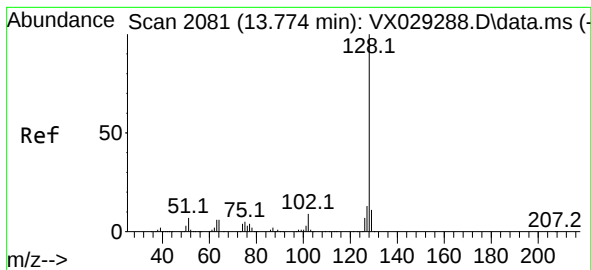
Tgt Ion: 75 Resp: 130060
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.424 ug/l
RT: 11.616 min Scan# 1727
Delta R.T. -0.140 min
Lab File: VX029320.D
Acq: 08 Jun 2022 14:50

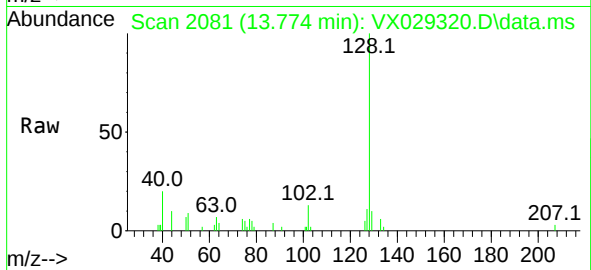
Tgt Ion:105 Resp: 4614
Ion Ratio Lower Upper
105 100
120 30.1 22.6 67.8





#95
 Naphthalene
 Concen: 0.390 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX029320.D
 Acq: 08 Jun 2022 14:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	128	Resp:	4688
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.2	15.4
129	11.4	8.7	13.1

