

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030865.D
 Acq On : 27 Aug 2022 13:02
 Operator : JC/MD
 Sample : VX0827WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBL01

Quant Time: Aug 29 01:08:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

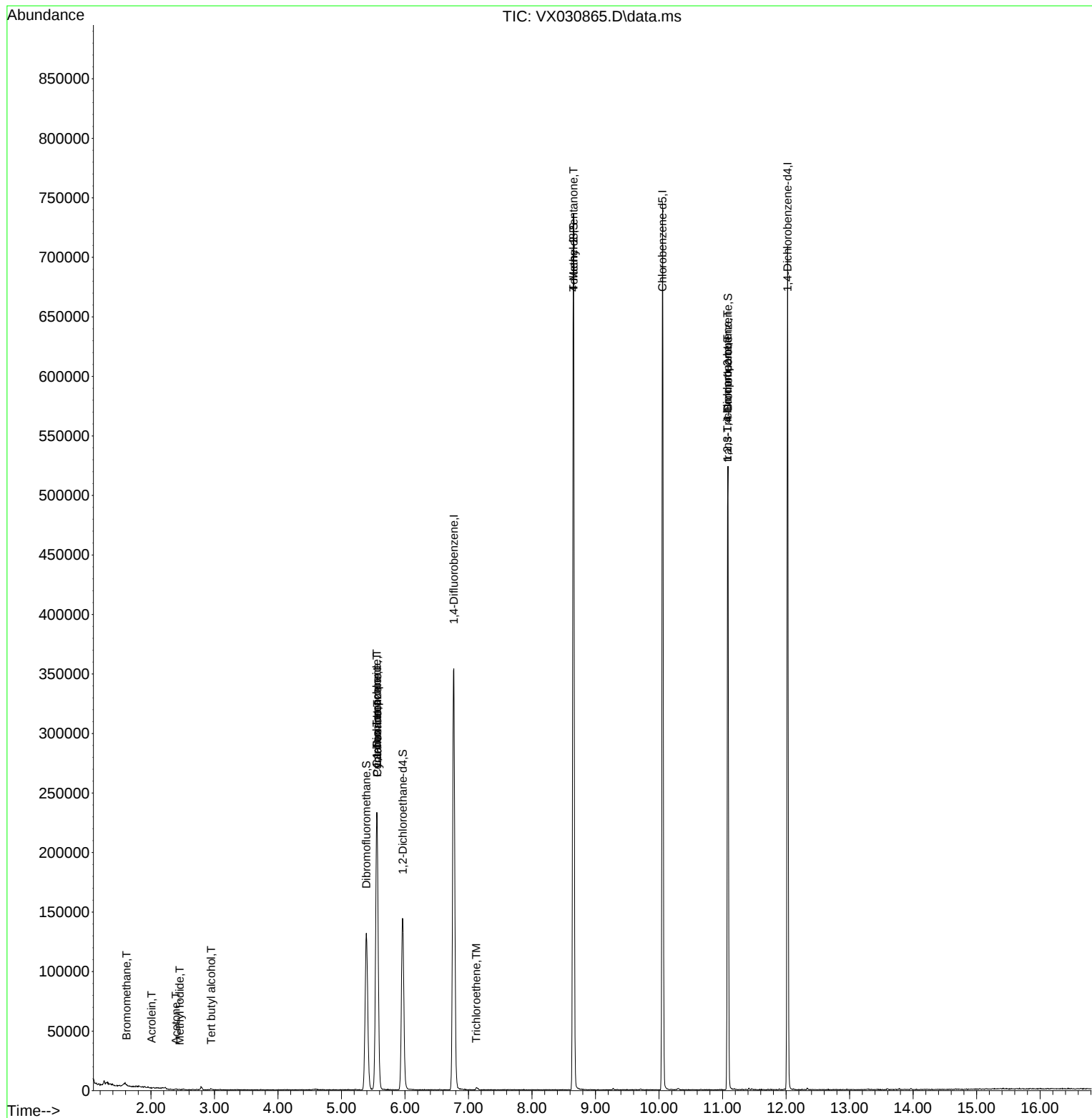
Internal Standards						
1) Pentafluorobenzene	5.562	168	216348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	365543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140179	55.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	5.391	113	116075	51.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.340%			
50) Toluene-d8	8.653	98	436394	55.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.480%			
62) 4-Bromofluorobenzene	11.085	95	142630	48.937	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.880%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	418	Below Cal		97
4) Vinyl Chloride	1.398	62	20	Below Cal	#	1
5) Bromomethane	1.617	94	453	0.449	ug/l #	62
6) Chloroethane	1.733	64	101	Below Cal	#	41
10) Methyl Iodide	2.453	142	288	4.180	ug/l #	72
11) Tert butyl alcohol	2.946	59	450	0.815	ug/l #	74
13) Acrolein	2.008	56	20	10.092	ug/l #	14
16) Acetone	2.392	43	537	0.457	ug/l #	88
17) Carbon Disulfide	2.514	76	844	Below Cal	#	74
20) Methylene Chloride	2.794	84	994	Below Cal	#	92
31) Cyclohexane	5.562	56	4653	1.430	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	16976	5.549	ug/l #	48
38) Carbon Tetrachloride	5.556	117	22681	7.029	ug/l #	17
44) Trichloroethene	7.122	130	860	0.325	ug/l	45
51) 4-Methyl-2-Pentanone	8.653	43	1917	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	72374	23.247	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	72374	75.006	ug/l #	13

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

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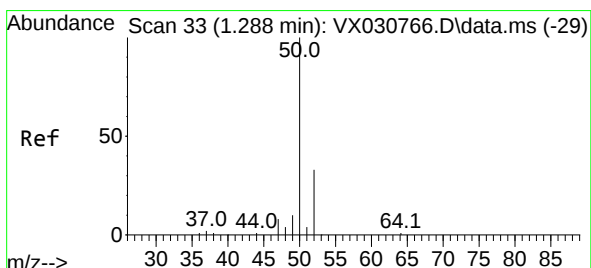
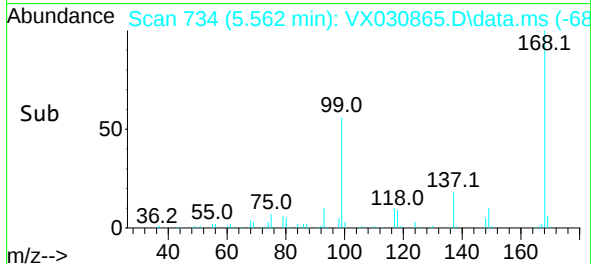
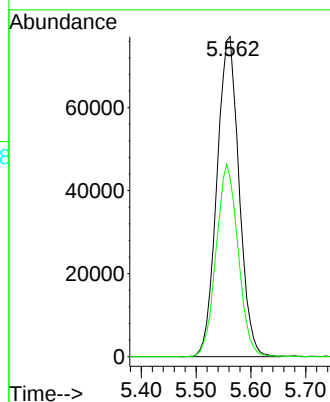
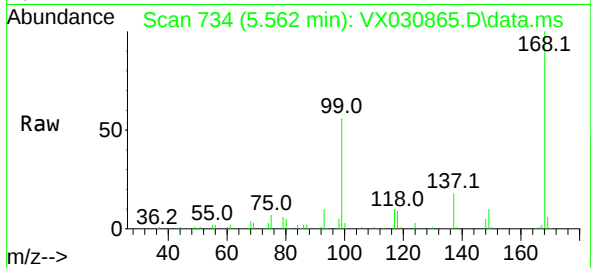




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

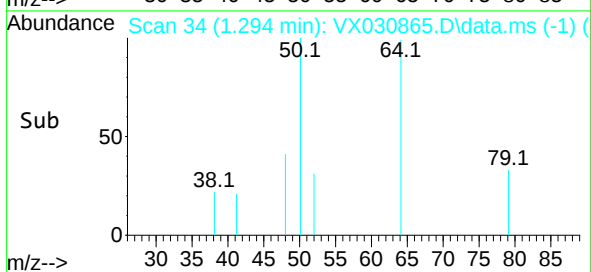
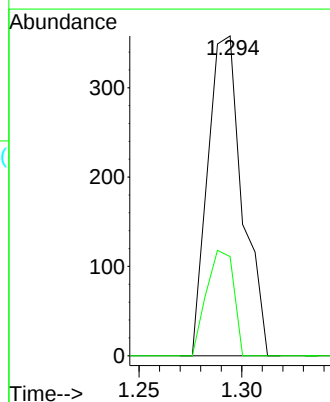
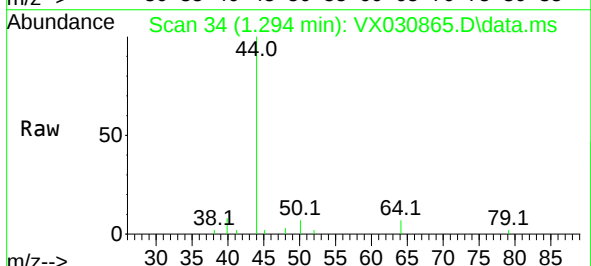
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

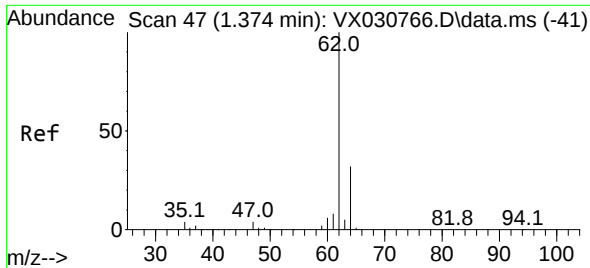
Tgt Ion:168 Resp: 216348
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 31.0 26.3 39.5

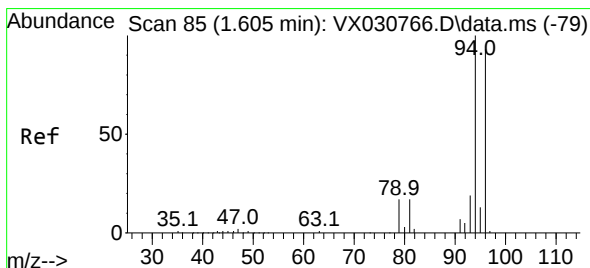
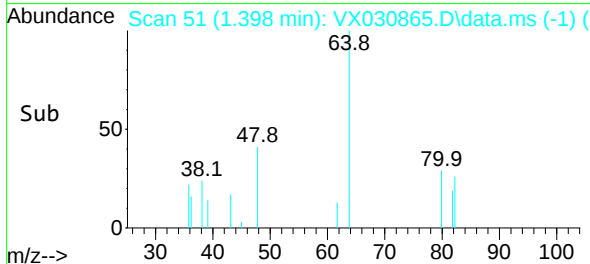
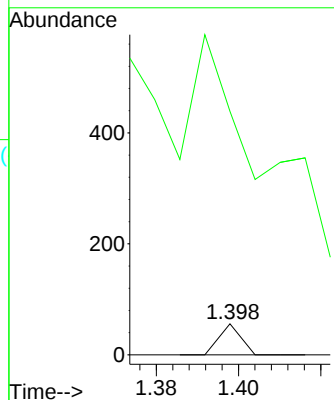
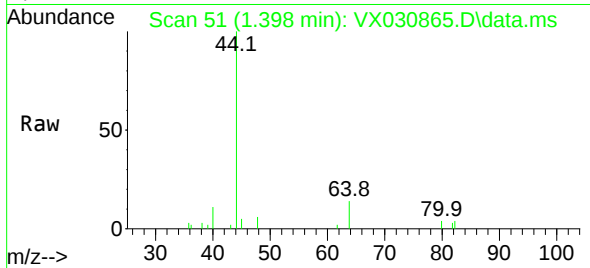




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.398 min Scan# 51
 Delta R.T. 0.024 min
 Lab File: VX030865.D
 Acq: 27 Aug 2022 13:02

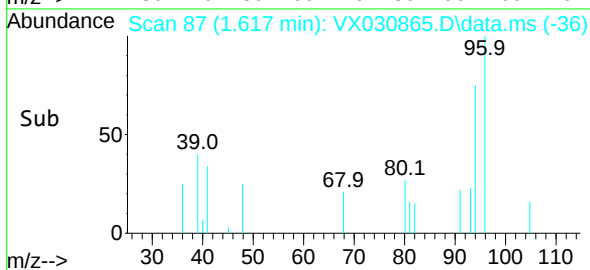
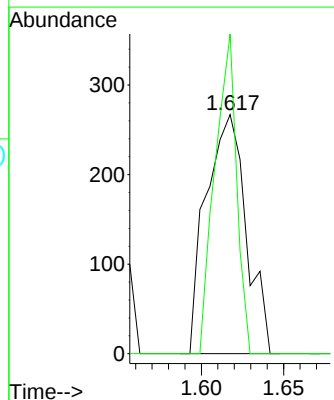
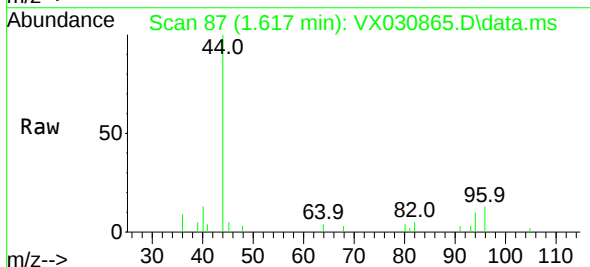
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBL01

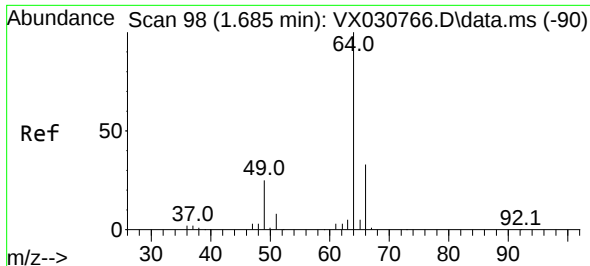
Tgt Ion: 62 Resp: 20
 Ion Ratio Lower Upper
 62 100
 64 164.3 25.2 37.8#



#5
 Bromomethane
 Concen: 0.449 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: VX030865.D
 Acq: 27 Aug 2022 13:02

Tgt Ion: 94 Resp: 453
 Ion Ratio Lower Upper
 94 100
 96 133.7 76.9 115.3#

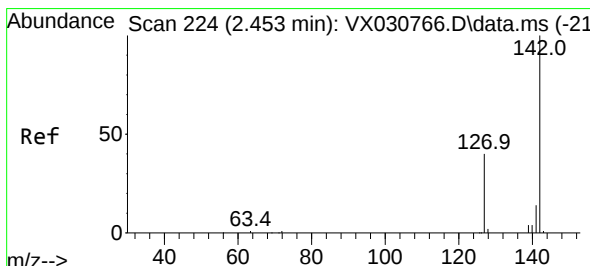
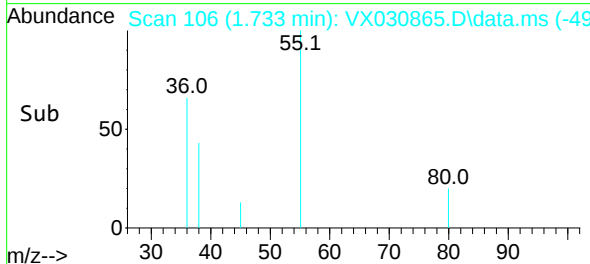
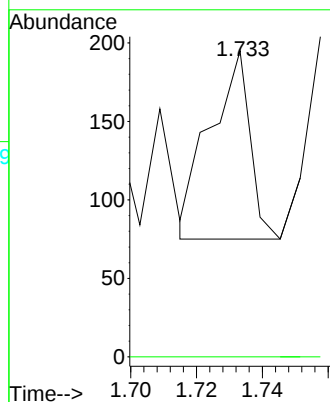
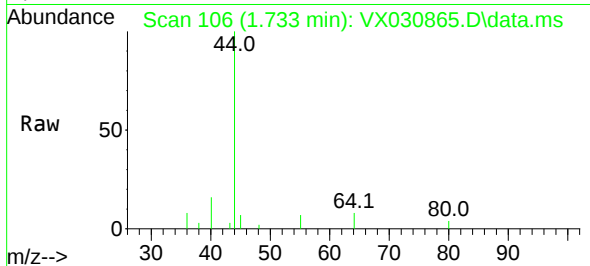




#6
Chloroethane
Concen: Below Cal
RT: 1.733 min Scan# 106
Delta R.T. 0.048 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

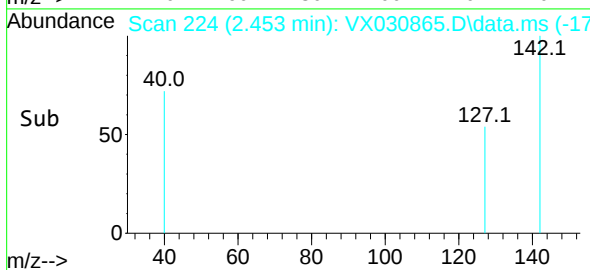
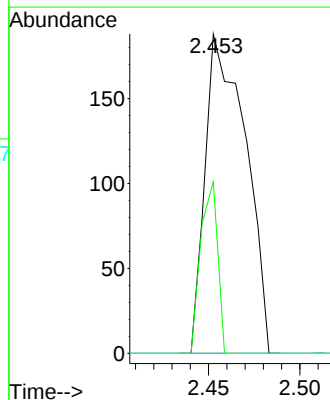
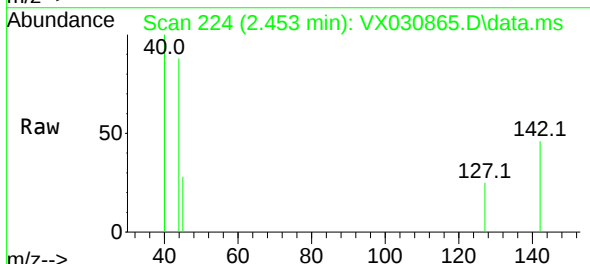
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

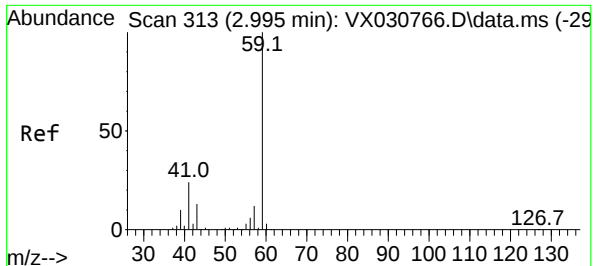
Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.180 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

Tgt Ion: 142 Resp: 288
Ion Ratio Lower Upper
142 100
127 22.6 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.815 ug/l

RT: 2.946 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX030865.D

Acq: 27 Aug 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

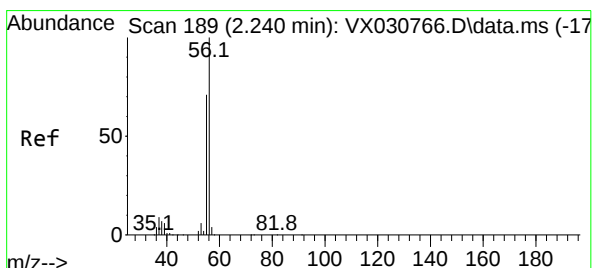
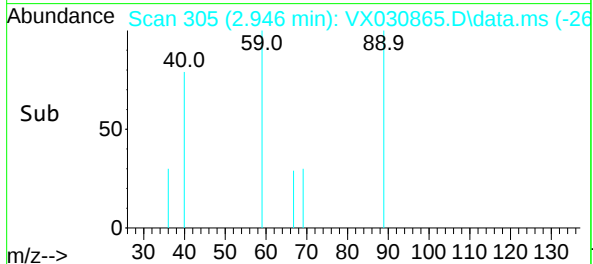
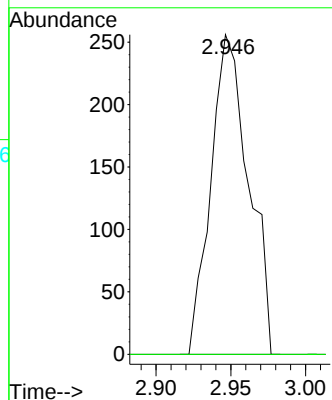
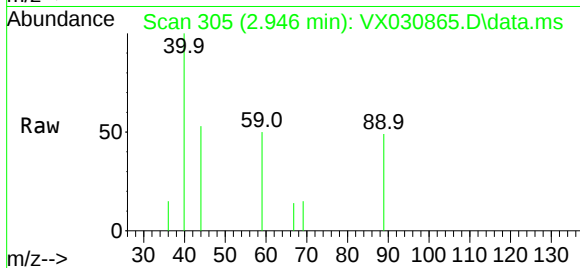
VX0827WBL01

Tgt Ion: 59 Resp: 450

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 10.092 ug/l

RT: 2.008 min Scan# 151

Delta R.T. -0.232 min

Lab File: VX030865.D

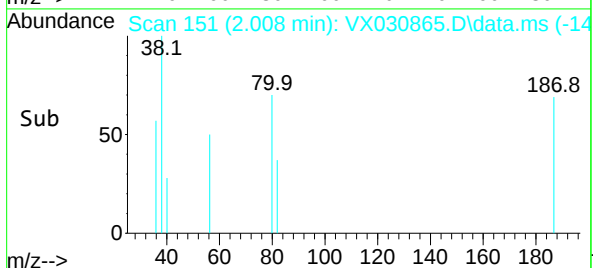
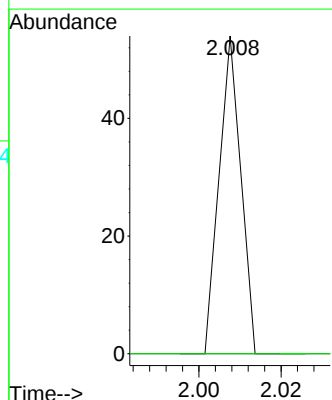
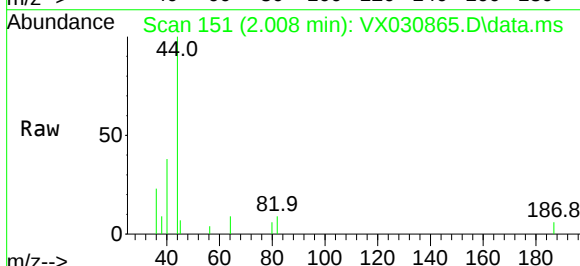
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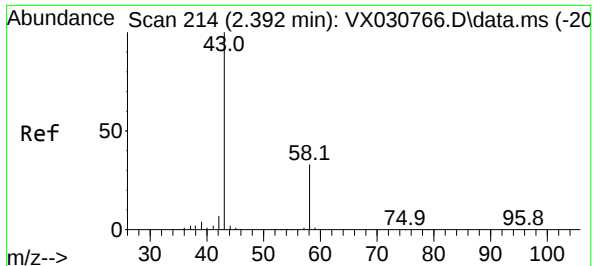
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

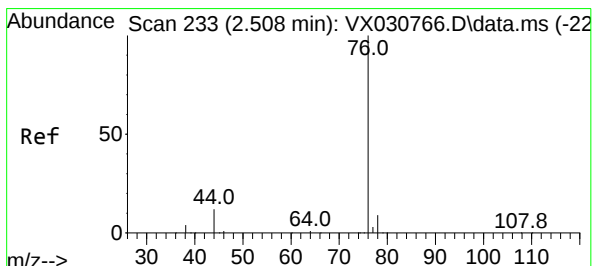
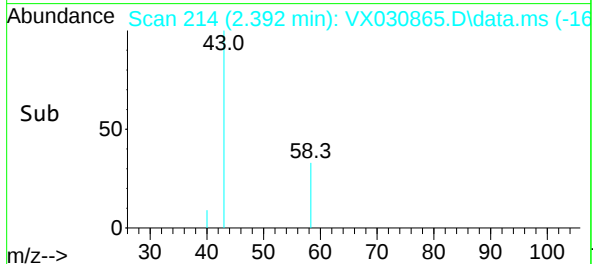
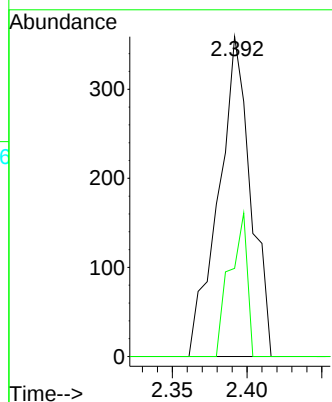
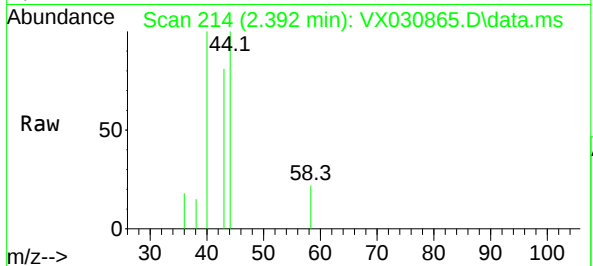




#16
Acetone
Concen: 0.457 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

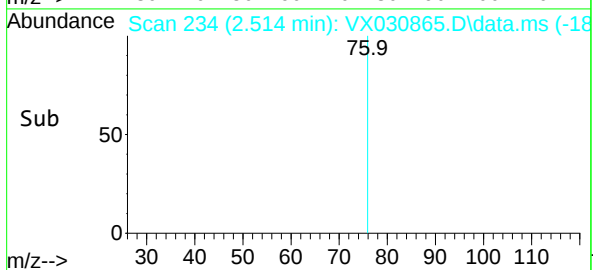
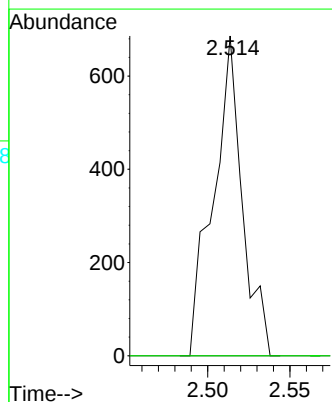
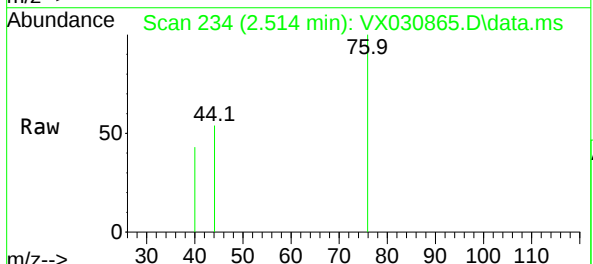
Instrument :
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VX0827WBL01

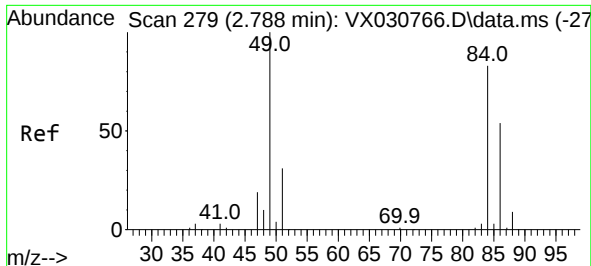
Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 27.6 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

Tgt Ion: 76 Resp: 844
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

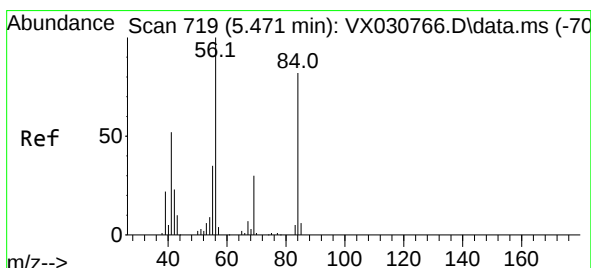
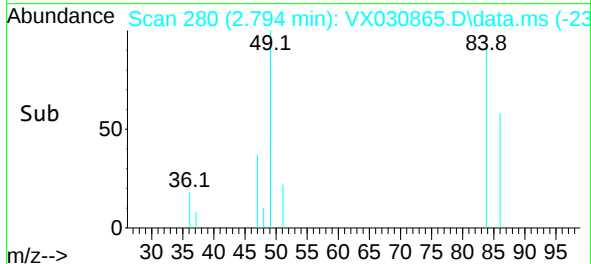
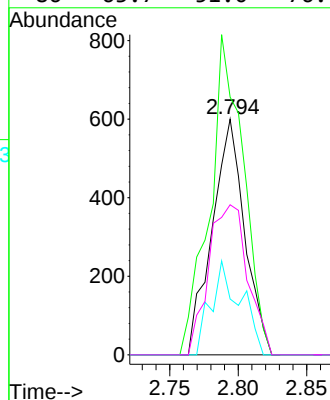
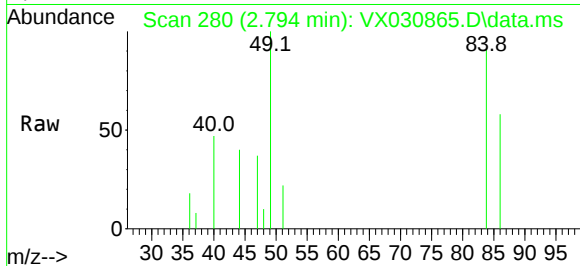




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

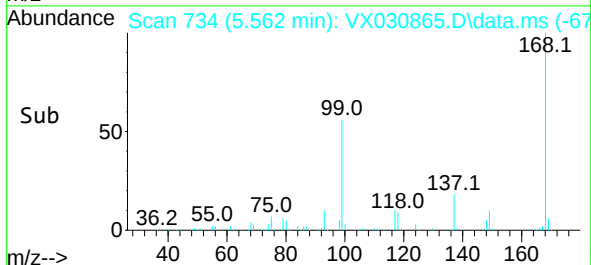
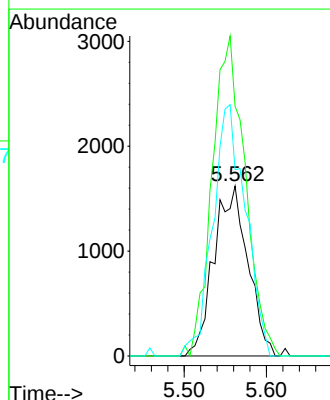
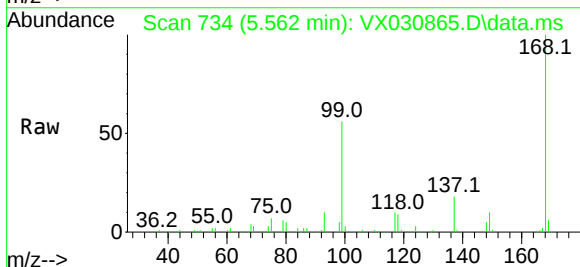
Instrument :
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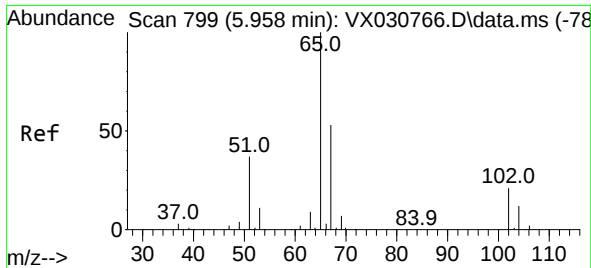
Tgt Ion: 84	Resp: 994
Ion Ratio	Lower Upper
84 100	
49 109.3	93.8 140.6
51 23.7	29.4 44.0#
86 63.7	51.0 76.4



#31
Cyclohexane
Concen: 1.430 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

Tgt Ion: 56	Resp: 4653		
Ion Ratio	Lower	Upper	
56	100		
69	146.8	25.4	38.0#
84	109.6	68.9	103.3#

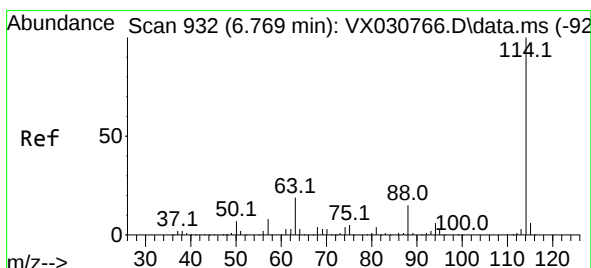
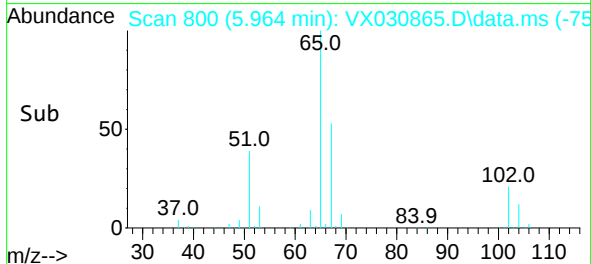
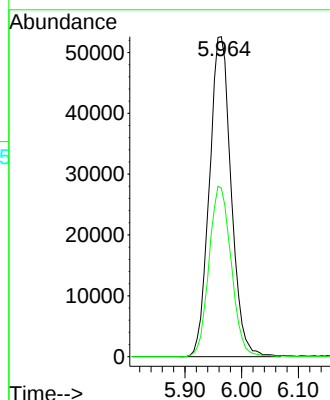
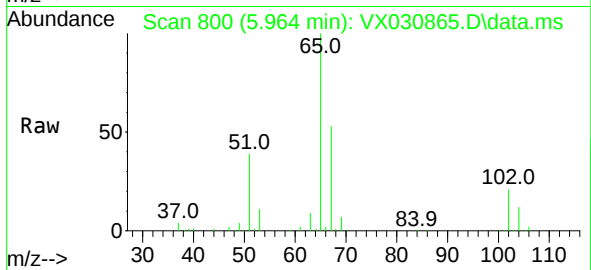




#33
 1,2-Dichloroethane-d4
 Concen: 55.084 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX030865.D
 Acq: 27 Aug 2022 13:02

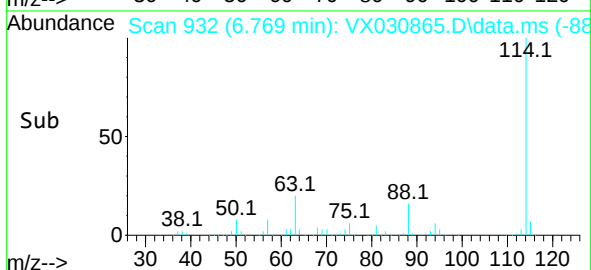
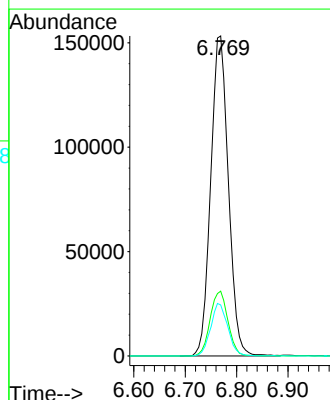
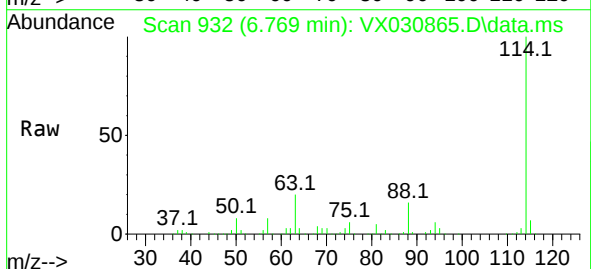
Instrument :
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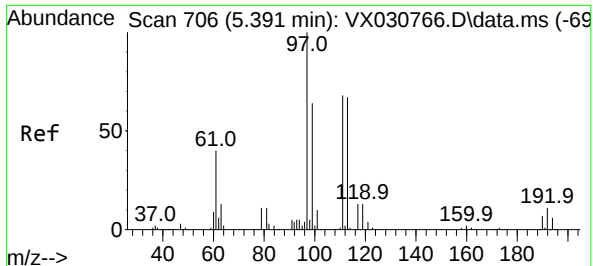
Tgt Ion: 65 Resp: 140179
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX030865.D
 Acq: 27 Aug 2022 13:02

Tgt Ion: 114 Resp: 365543
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.4
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.668 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030865.D

Acq: 27 Aug 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0827WBL01

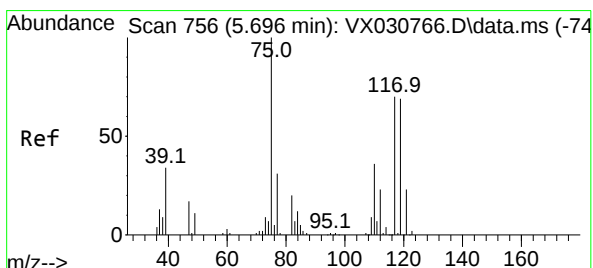
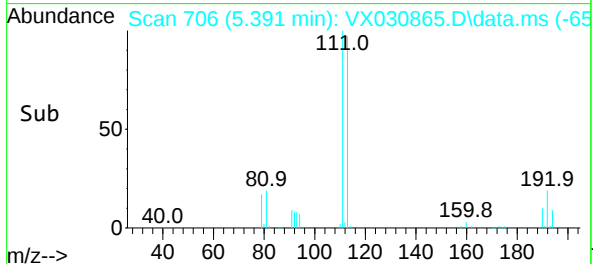
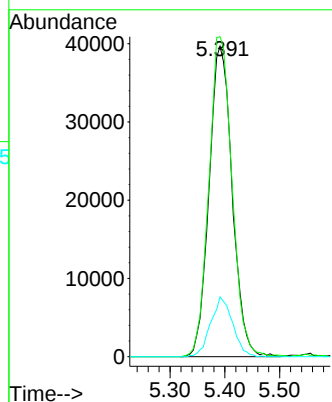
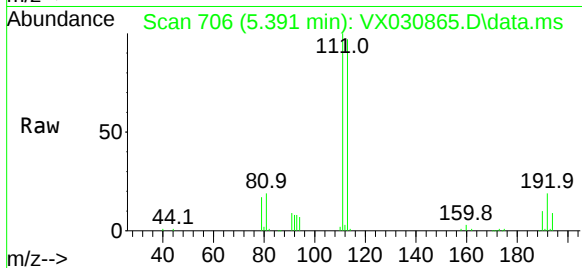
Tgt Ion:113 Resp: 116075

Ion Ratio Lower Upper

113 100

111 103.5 83.2 124.8

192 18.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.549 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030865.D

Acq: 27 Aug 2022 13:02

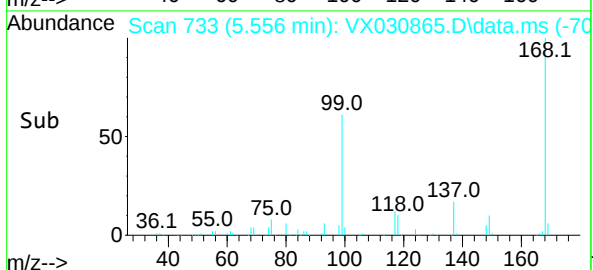
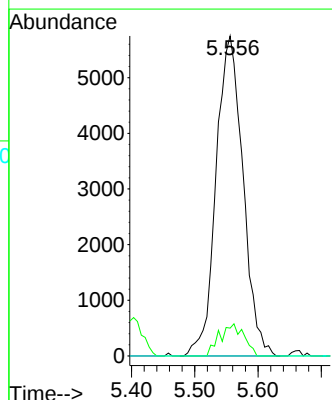
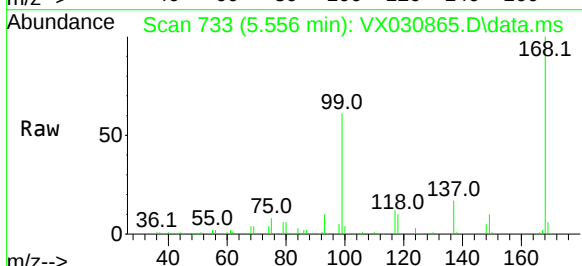
Tgt Ion: 75 Resp: 16976

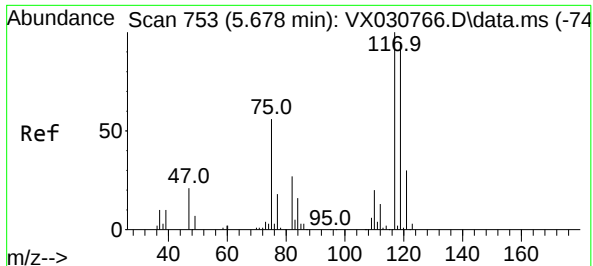
Ion Ratio Lower Upper

75 100

110 9.0 19.3 57.9#

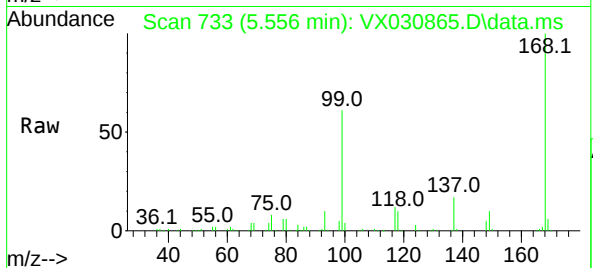
77 0.0 24.4 36.6#



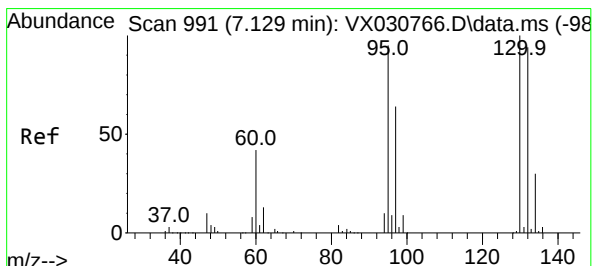
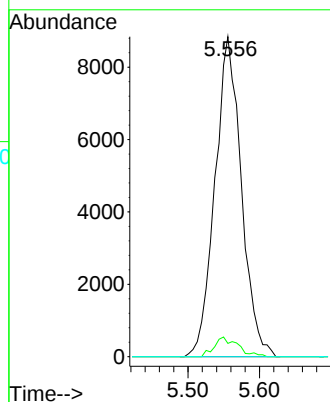
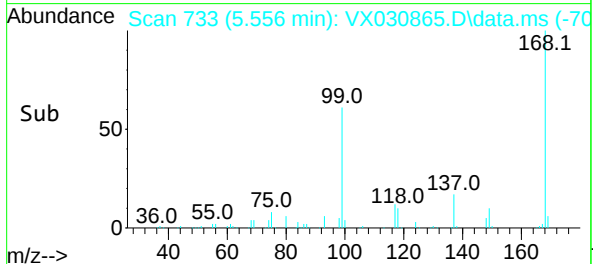


#38
Carbon Tetrachloride
Concen: 7.029 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

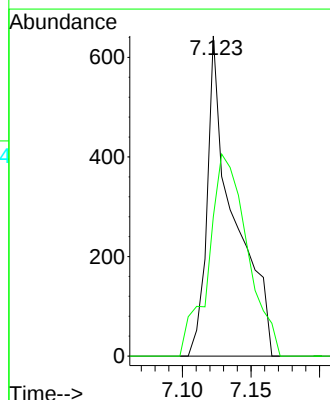
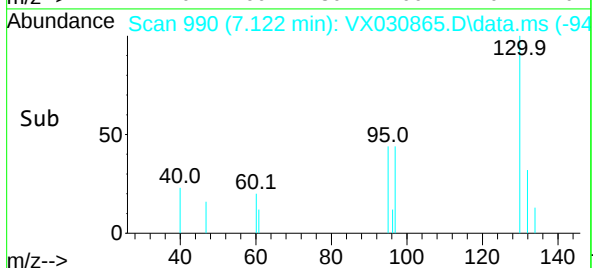
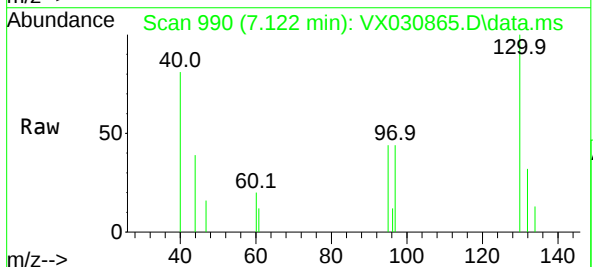


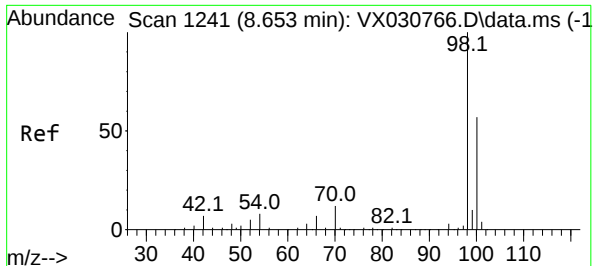
Tgt Ion:117 Resp: 22681
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.325 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

Tgt Ion:130 Resp: 860
Ion Ratio Lower Upper
130 100
95 43.5 0.0 194.8

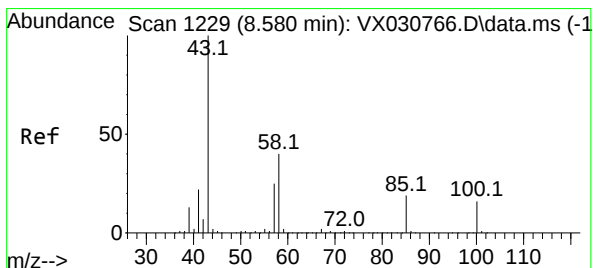
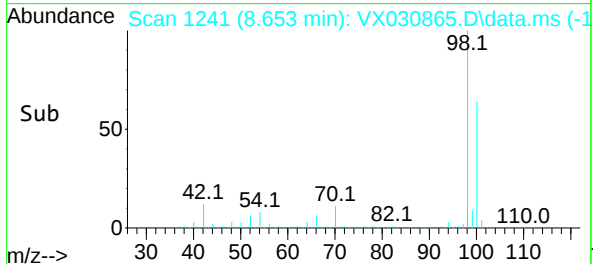
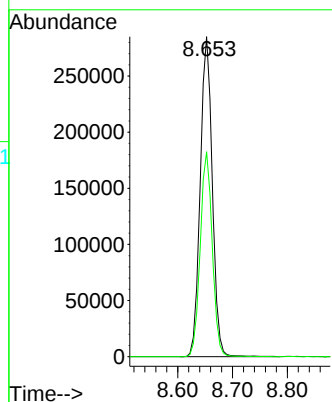
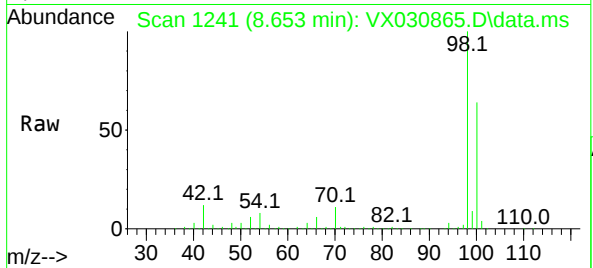




#50
Toluene-d8
Concen: 55.744 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

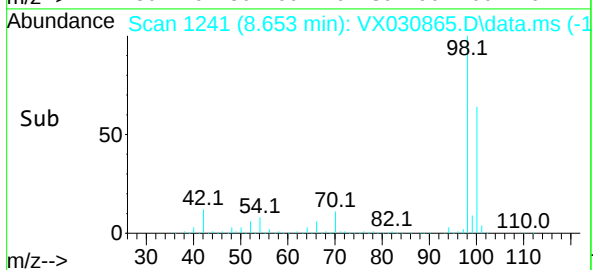
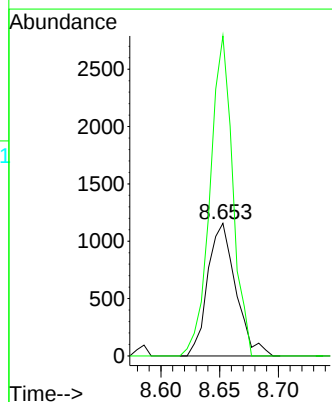
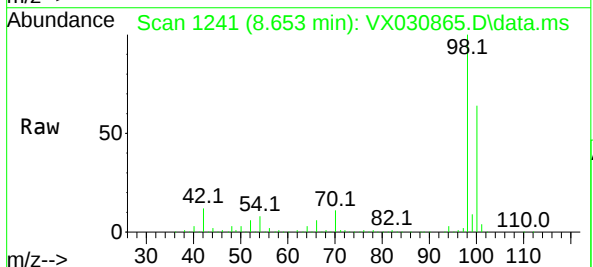
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

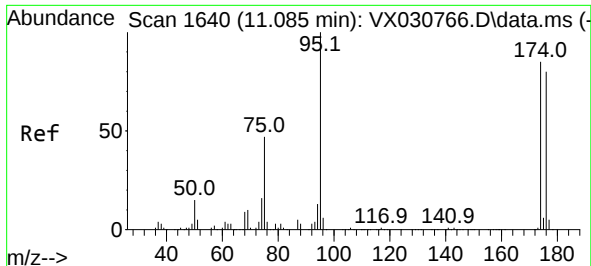
Tgt Ion: 98 Resp: 436394
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
58 195.4 31.4 47.2#

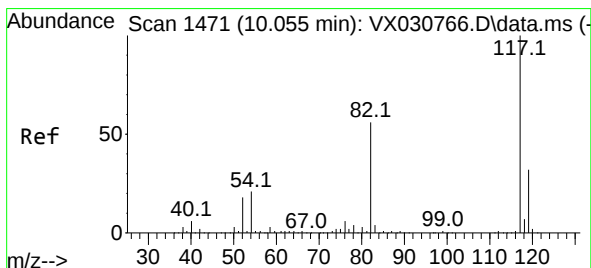
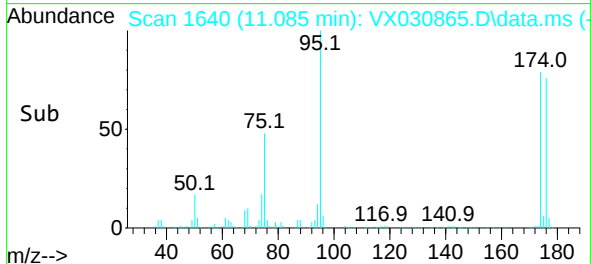
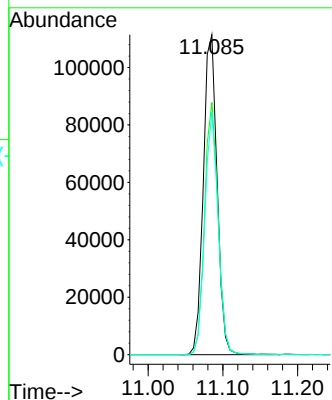
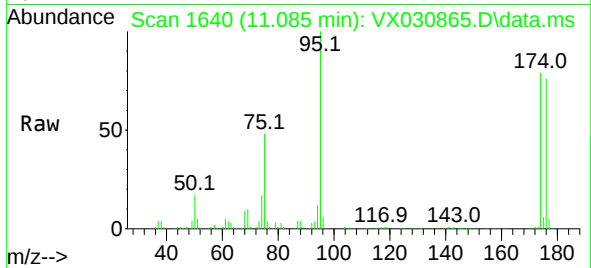




#62
4-Bromofluorobenzene
Concen: 48.937 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

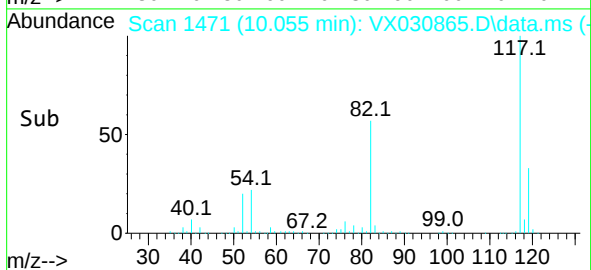
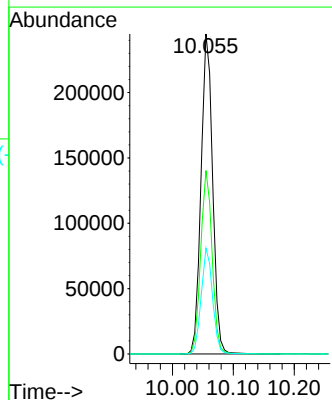
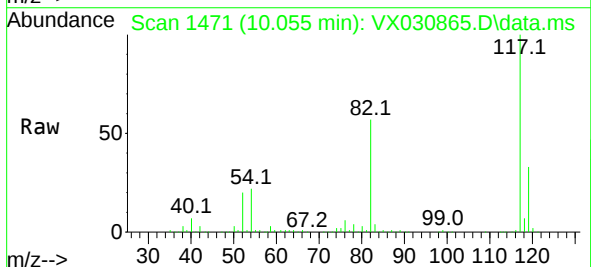
Instrument :
MSVOA_X
ClientSampleId :
VX0827WBL01

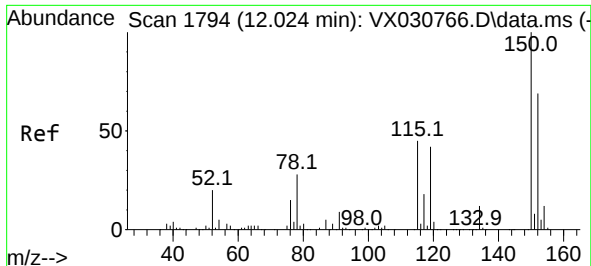
Tgt Ion: 95 Resp: 142630
Ion Ratio Lower Upper
95 100
174 77.6 0.0 149.0
176 73.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030865.D
Acq: 27 Aug 2022 13:02

Tgt Ion: 117 Resp: 323982
Ion Ratio Lower Upper
117 100
82 57.4 42.7 64.1
119 33.0 25.4 38.2

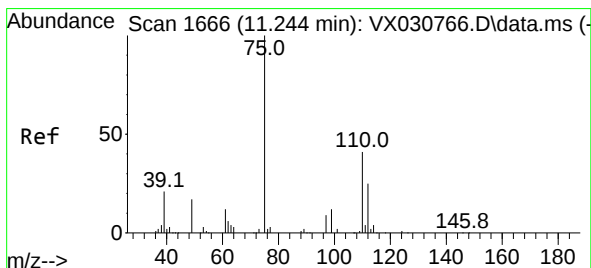
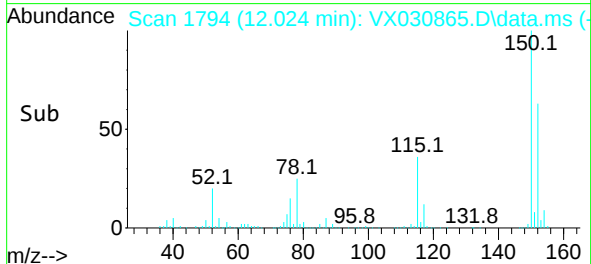
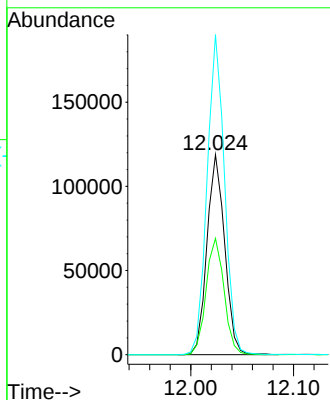
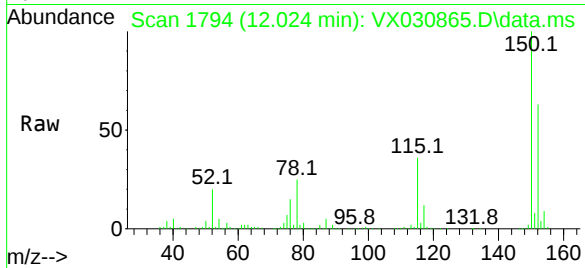




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030865.D
 Acq: 27 Aug 2022 13:02

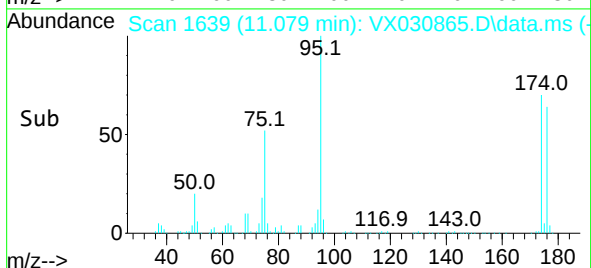
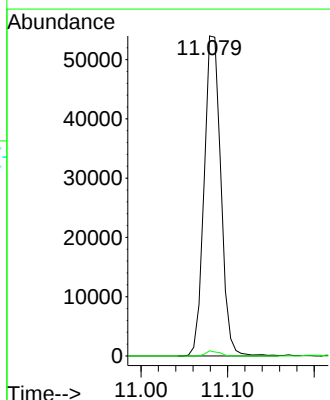
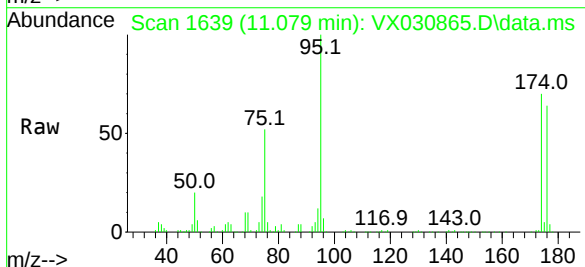
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBL01

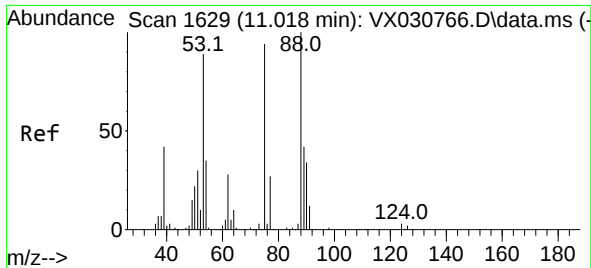
Tgt Ion:152 Resp: 142099
 Ion Ratio Lower Upper
 152 100
 115 59.3 40.5 121.5
 150 157.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 23.247 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030865.D
 Acq: 27 Aug 2022 13:02

Tgt Ion: 75 Resp: 72374
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.006 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030865.D
 Acq: 27 Aug 2022 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBL01

Tgt Ion: 75 Resp: 72374
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

