

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029865.D
 Acq On : 29 Jun 2022 16:30
 Operator : JC/MD
 Sample : N3485-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20220622

Quant Time: Jun 29 23:00:21 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)

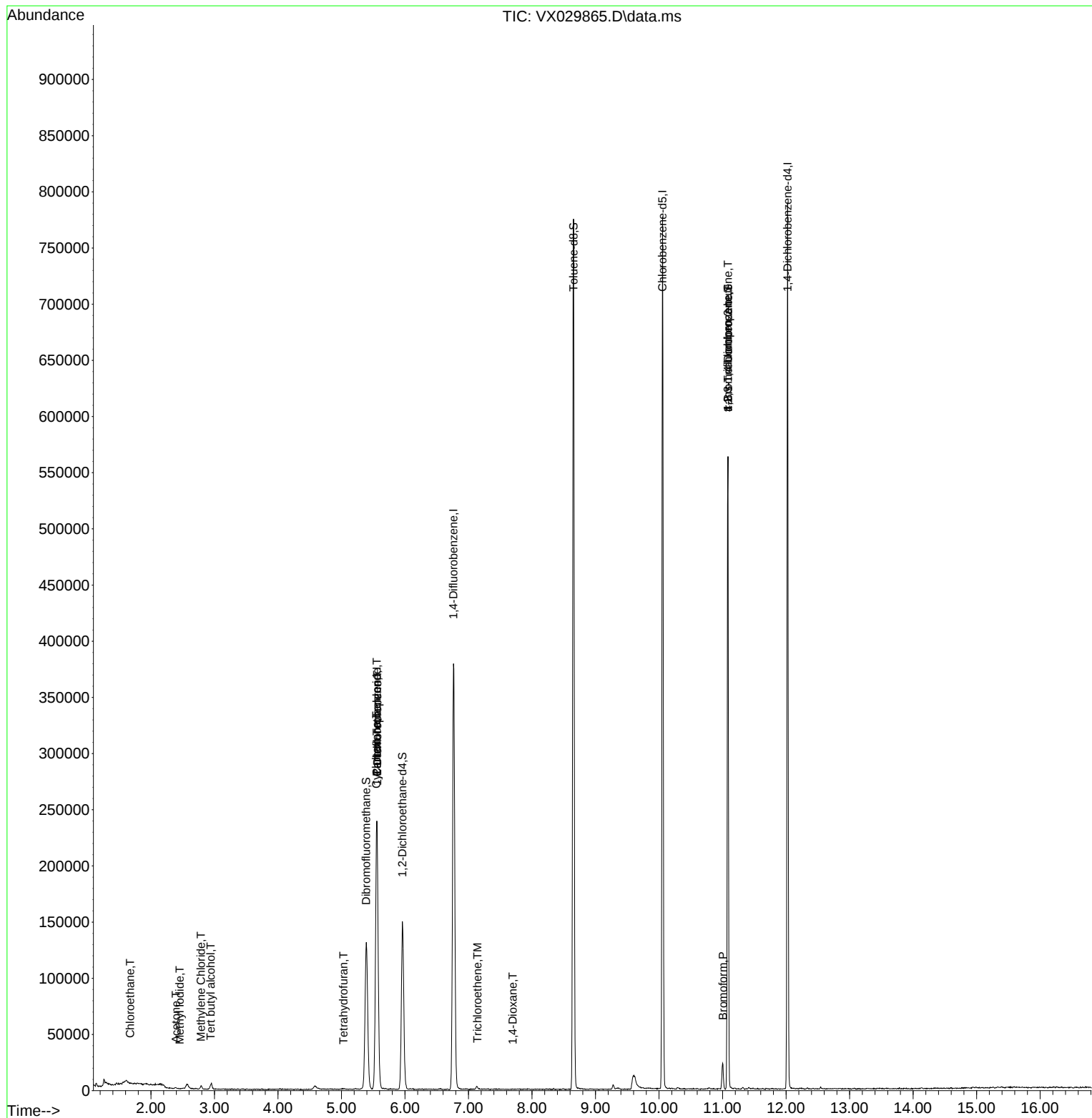
Internal Standards						
1) Pentafluorobenzene	5.556	168	237591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	413775	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129285	42.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.980%		
35) Dibromofluoromethane	5.385	113	116742	45.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	8.653	98	474641	48.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.085	95	156056	45.509	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.020%		
Target Compounds						Qvalue
6) Chloroethane	1.672	64	774	1.424	ug/l #	68
10) Methyl Iodide	2.453	142	83	1.898	ug/l #	45
11) Tert butyl alcohol	2.940	59	2788	3.545	ug/l #	74
13) Acrolein	2.239	56	60	Below Cal	#	14
16) Acetone	2.392	43	1036	0.704	ug/l #	77
20) Methylene Chloride	2.788	84	1146	0.369	ug/l #	89
29) Tetrahydrofuran	5.032	42	450	0.268	ug/l #	36
31) Cyclohexane	5.550	56	4854	1.158	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	18432	5.359	ug/l #	47
38) Carbon Tetrachloride	5.556	117	22259	7.469	ug/l #	18
44) Trichloroethene	7.141	130	1092	0.365	ug/l	57
49) 1,4-Dioxane	7.696	88	42	0.528	ug/l #	1
71) Bromoform	11.006	173	878	0.515	ug/l #	29
76) 1,2,3-Trichloropropane	11.085	75	72618	19.806	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	72618	62.900	ug/l #	13

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

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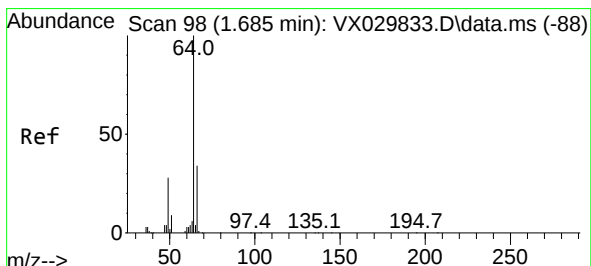
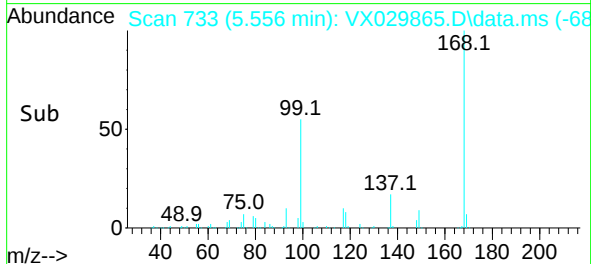
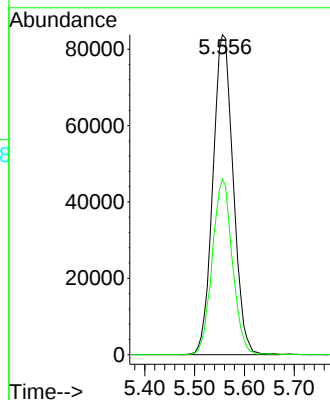
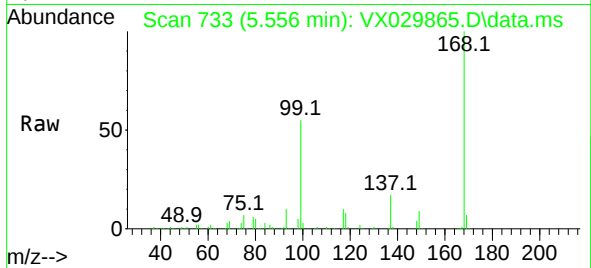




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

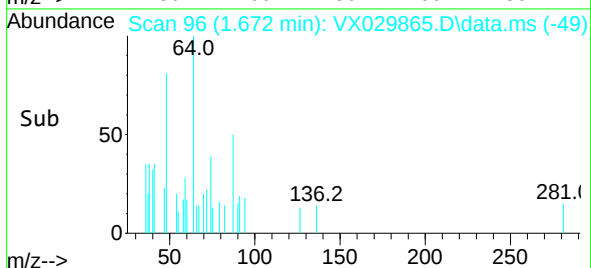
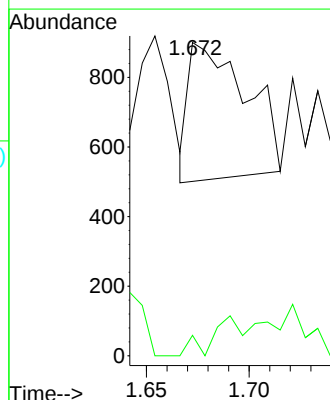
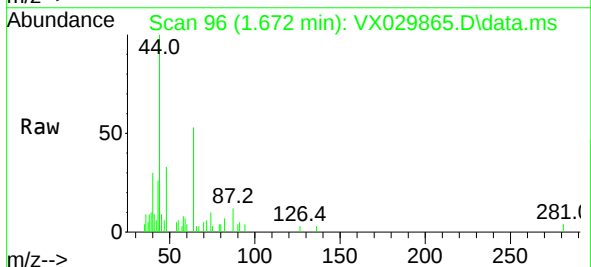
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220622

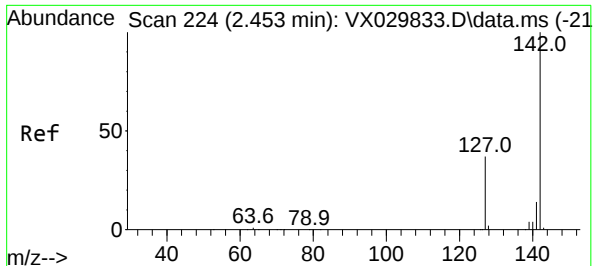
Tgt Ion:168 Resp: 237591
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#6
Chloroethane
Concen: 1.424 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion: 64 Resp: 774
Ion Ratio Lower Upper
64 100
66 15.9 27.2 40.8

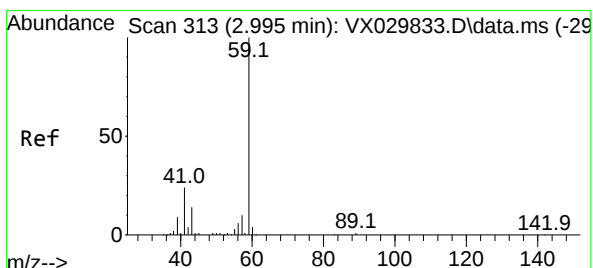
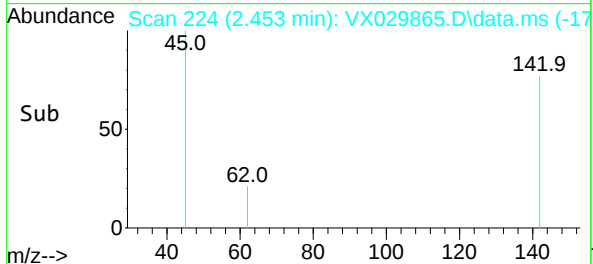
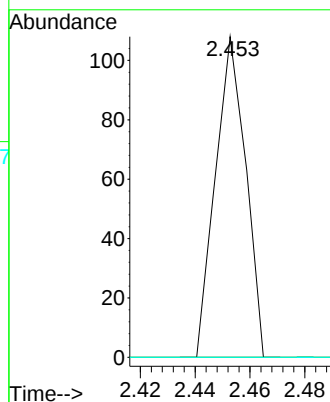
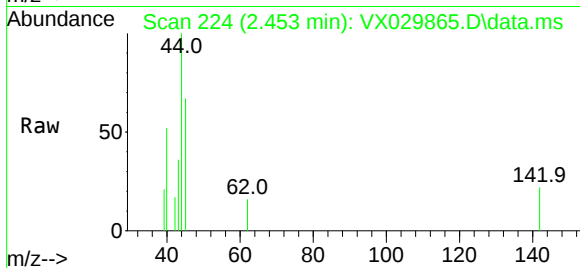




#10
Methyl Iodide
Concen: 1.898 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

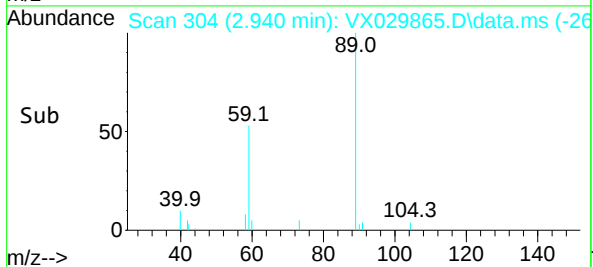
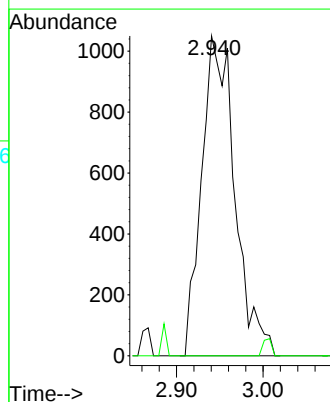
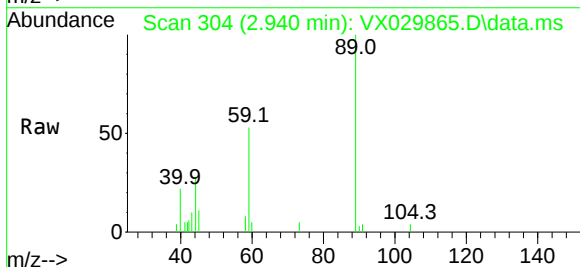
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220622

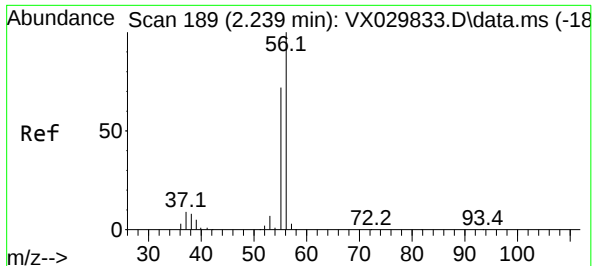
Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 3.545 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion: 59 Resp: 2788
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

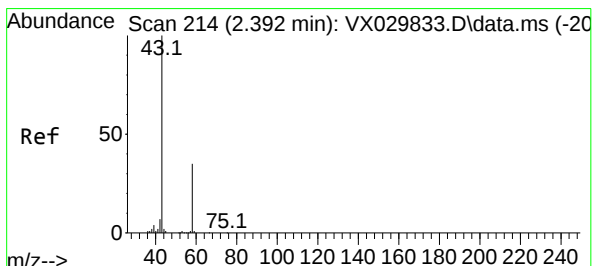
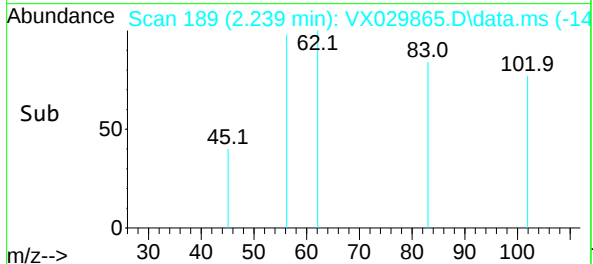
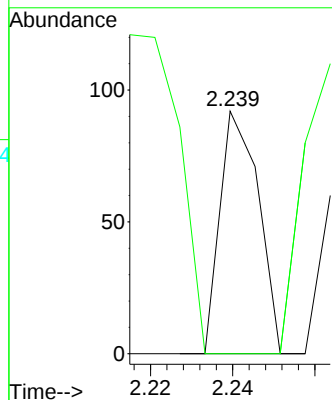
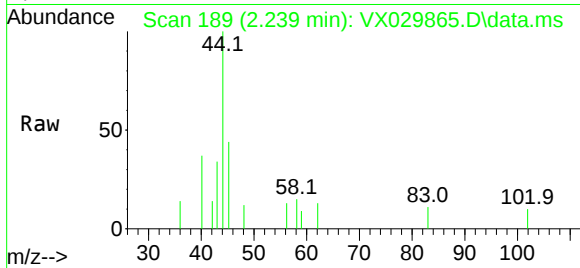




#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

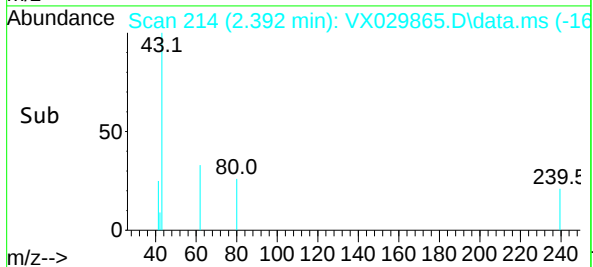
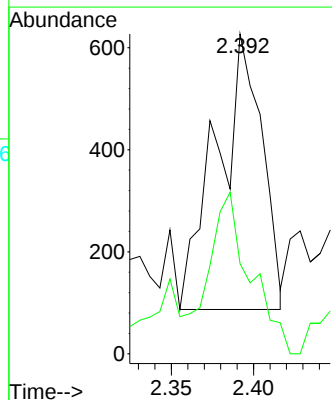
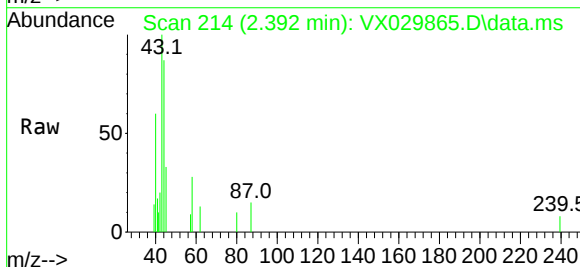
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220622

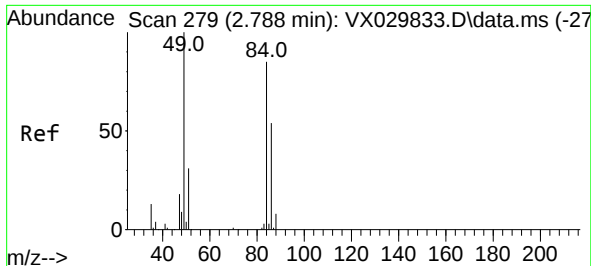
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 0.704 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

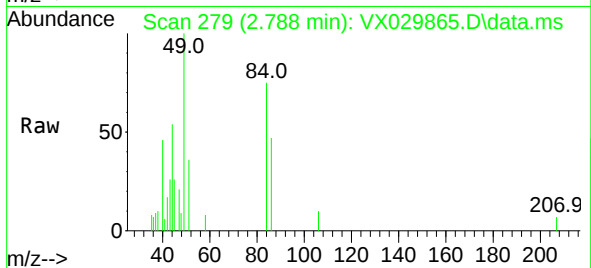
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 21.5 27.7 41.5#



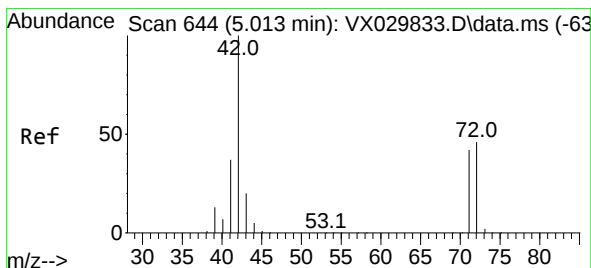
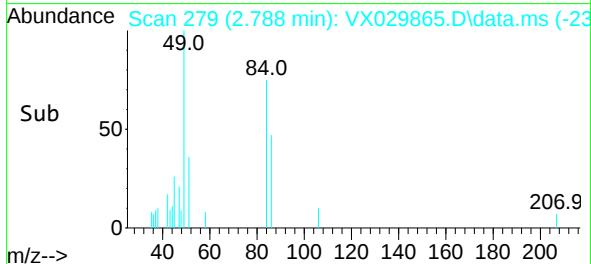
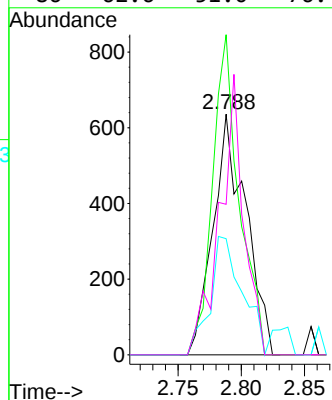


#20
Methylene Chloride
Concen: 0.369 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Instrument :
MSVOA_X
ClientSampleId :
TB01-20220622

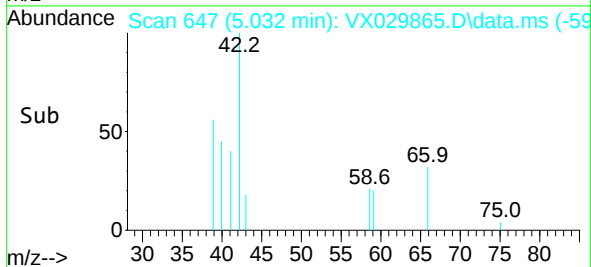
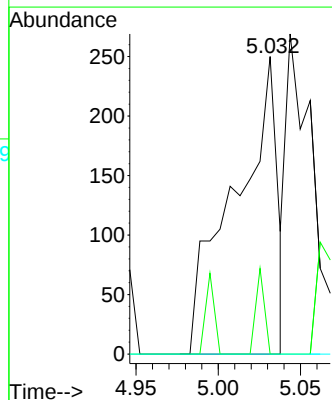
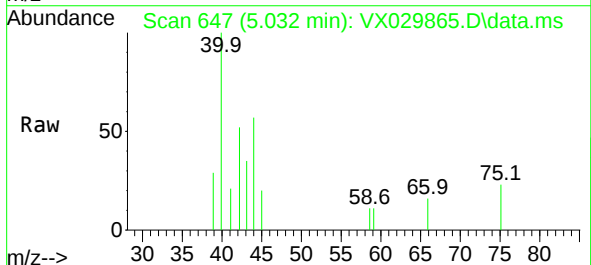


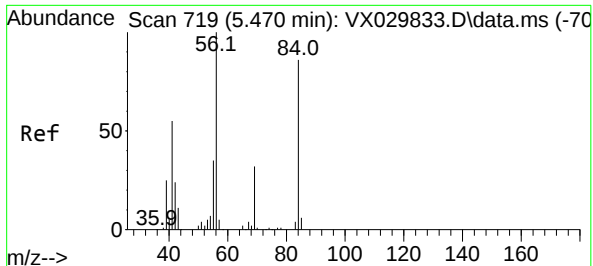
Tgt Ion: 84	Resp:	1146	
Ion	Ratio	Lower	Upper
84	100		
49	133.0	93.8	140.6
51	48.3	29.4	44.0#
86	62.6	51.0	76.4



#29
Tetrahydrofuran
Concen: 0.268 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

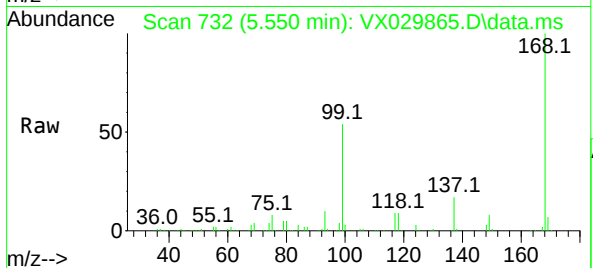
Tgt Ion: 42	Resp: 450
Ion Ratio	Lower Upper
42 100	
72 5.8	36.5 54.7#
71 0.0	33.9 50.9#



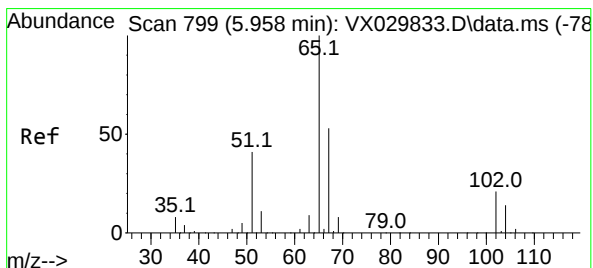
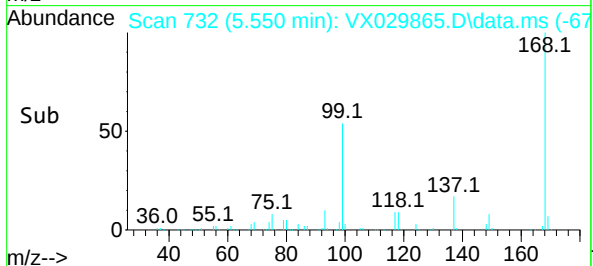
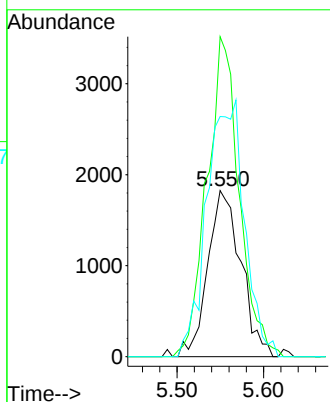


#31
Cyclohexane
Concen: 1.158 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Instrument :
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TB01-20220622

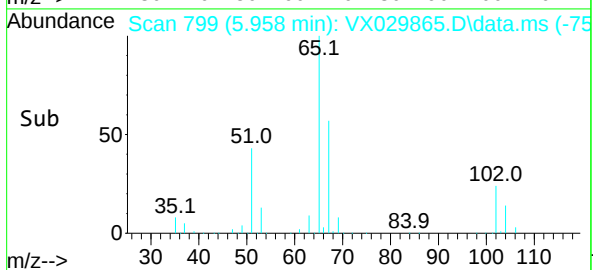
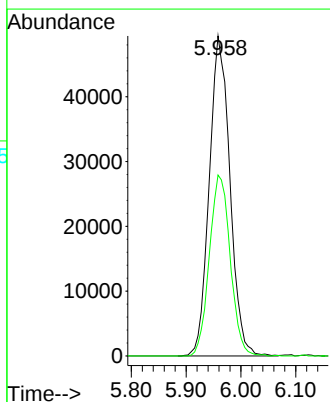
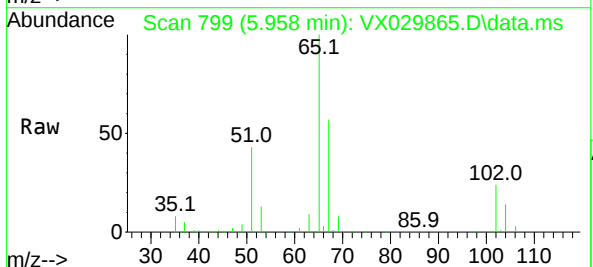


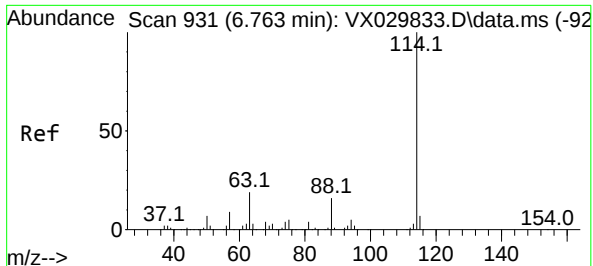
Tgt Ion: 56 Resp: 4854
Ion Ratio Lower Upper
56 100
69 189.2 25.4 38.0#
84 144.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 42.988 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion: 65 Resp: 129285
Ion Ratio Lower Upper
65 100
67 57.1 0.0 109.6

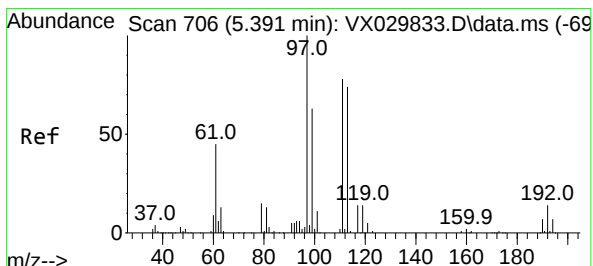
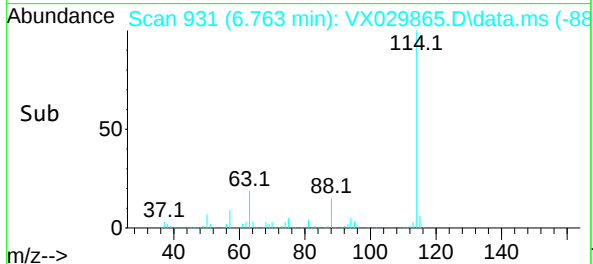
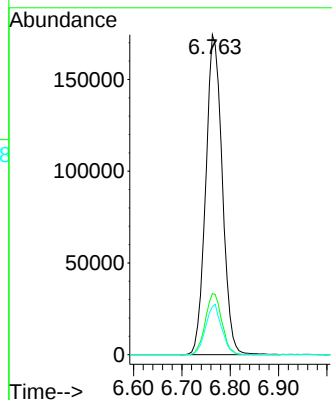
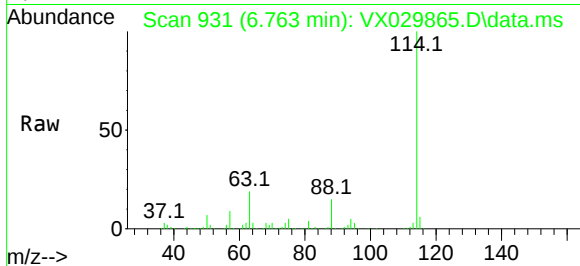




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

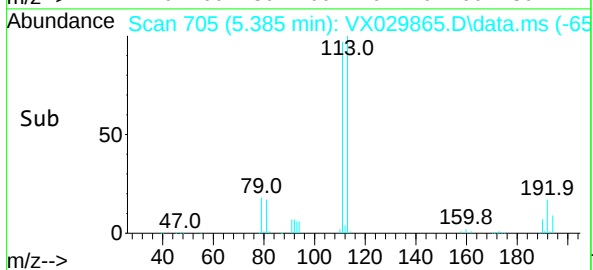
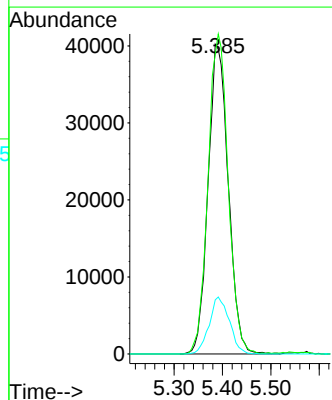
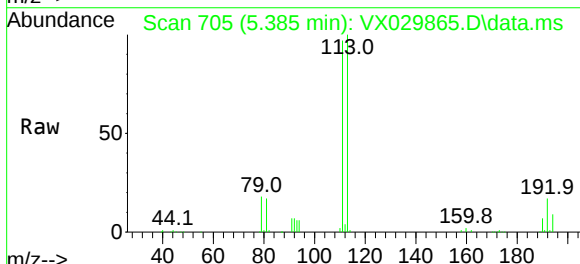
Instrument :
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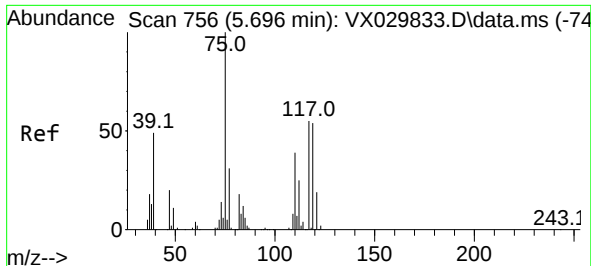
Tgt Ion:114 Resp: 413775
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.146 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion:113 Resp: 116742
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 18.4 14.8 22.2

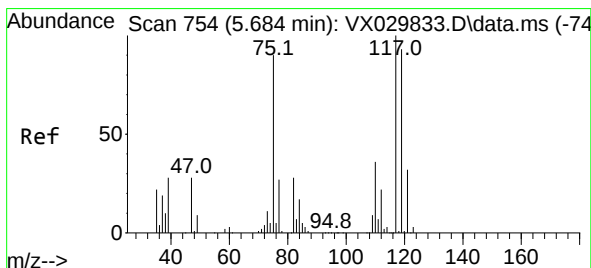
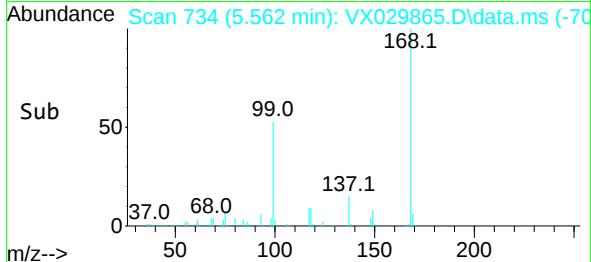
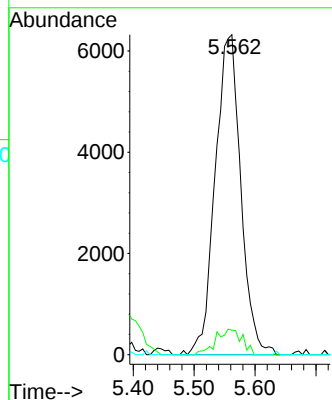
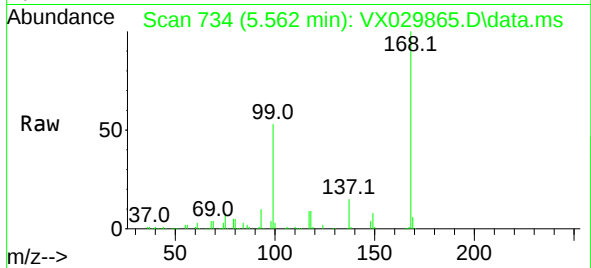




#36
1,1-Dichloropropene
Concen: 5.359 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

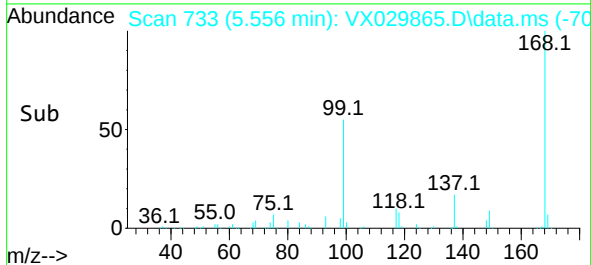
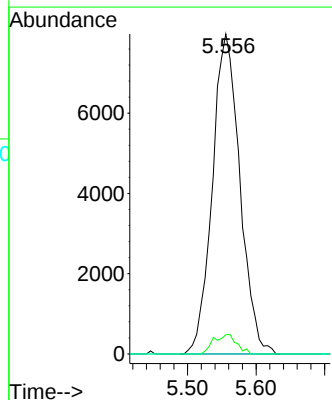
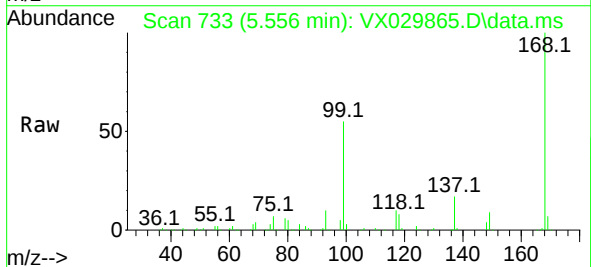
Instrument :
MSVOA_X
ClientSampleId :
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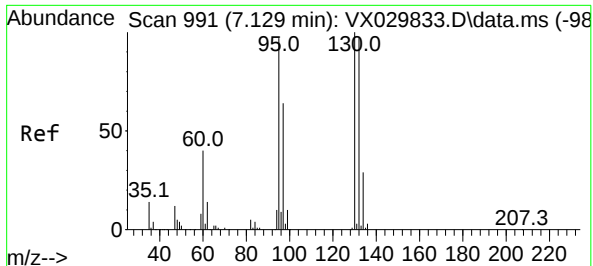
Tgt Ion: 75 Resp: 18432
Ion Ratio Lower Upper
75 100
110 8.1 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.469 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion: 117 Resp: 22259
Ion Ratio Lower Upper
117 100
119 6.0 74.1 111.1#
121 0.0 25.8 38.8#

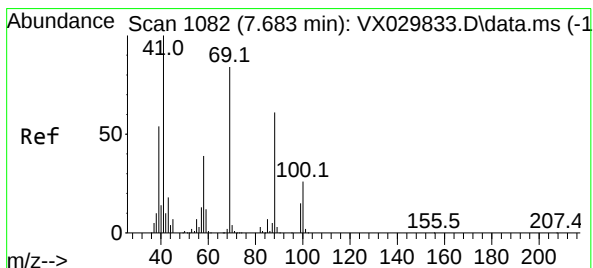
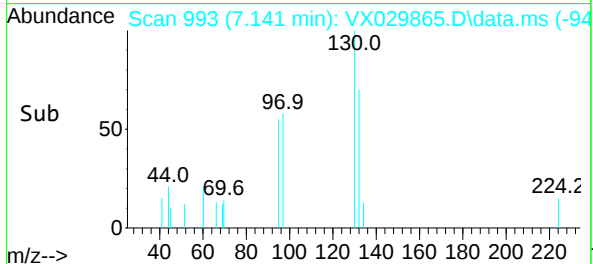
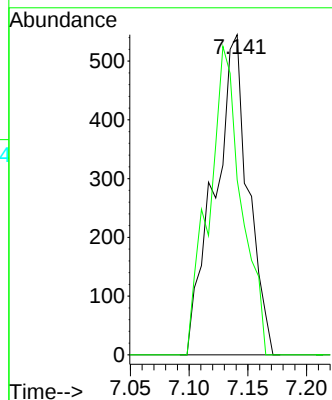
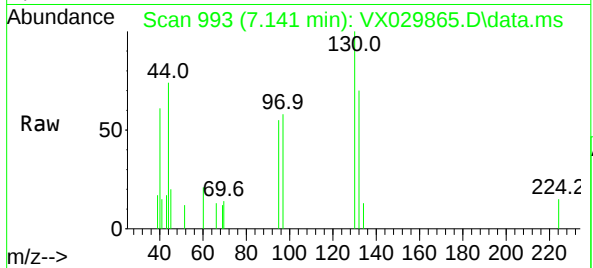




#44
Trichloroethene
Concen: 0.365 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

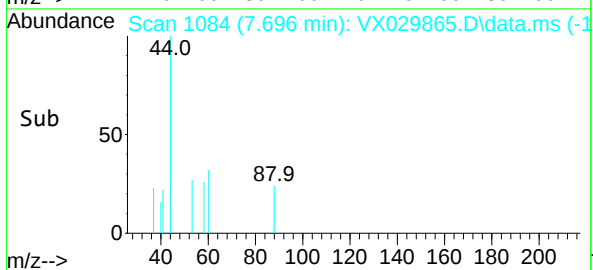
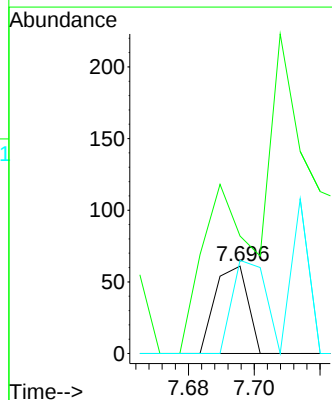
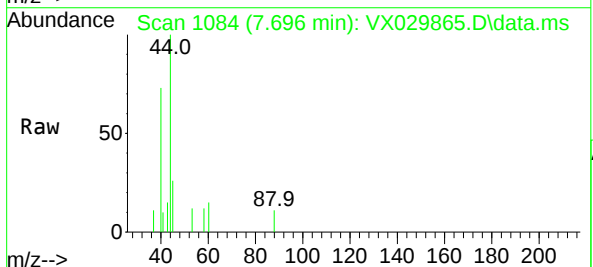
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220622

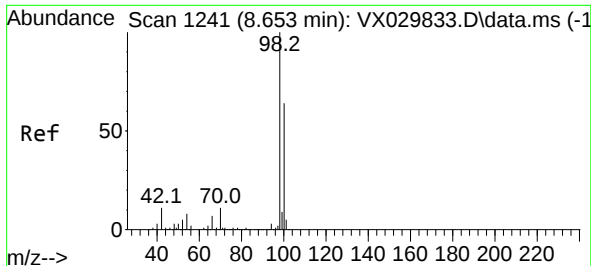
Tgt Ion:130 Resp: 1092
Ion Ratio Lower Upper
130 100
95 54.7 0.0 194.8



#49
1,4-Dioxane
Concen: 0.528 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.012 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 1085.7 23.8 35.8#
58 109.5 53.8 80.6#

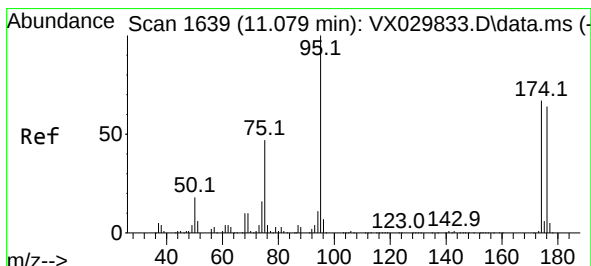
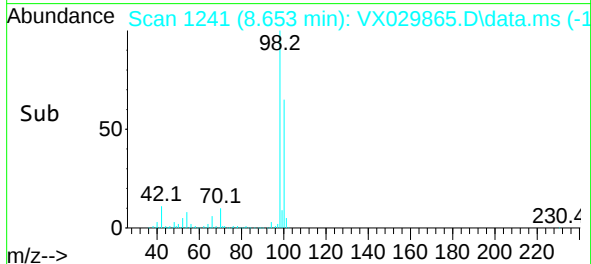
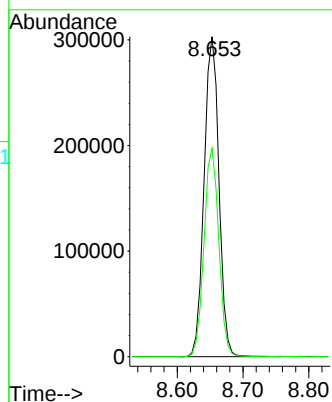
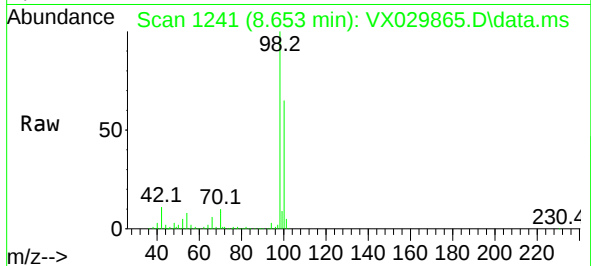




#50
Toluene-d8
Concen: 48.928 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

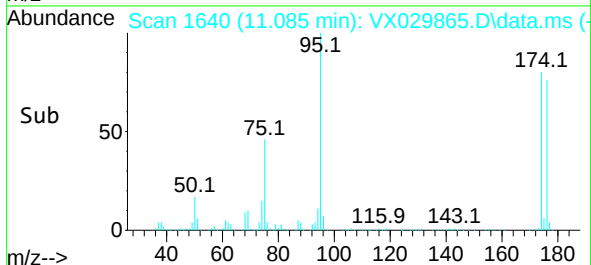
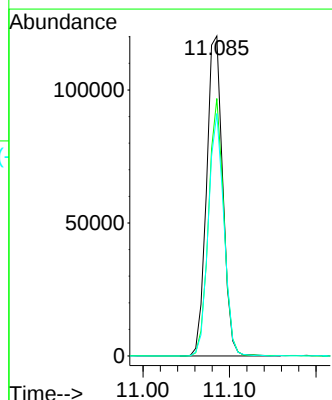
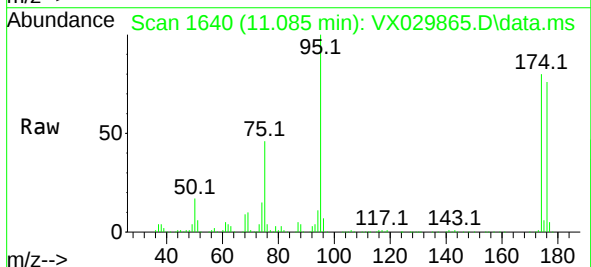
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220622

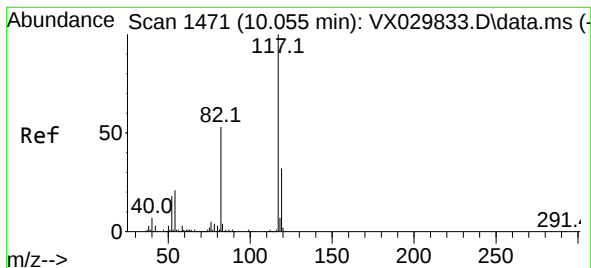
Tgt Ion: 98 Resp: 474641
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.509 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion: 95 Resp: 156056
Ion Ratio Lower Upper
95 100
174 75.9 0.0 149.0
176 72.7 0.0 146.0

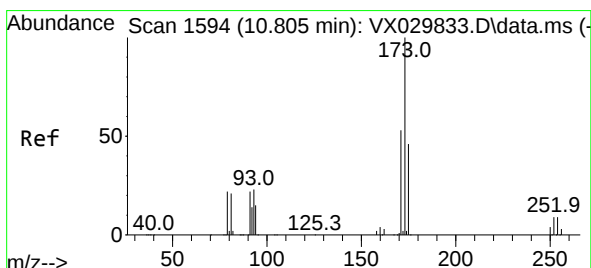
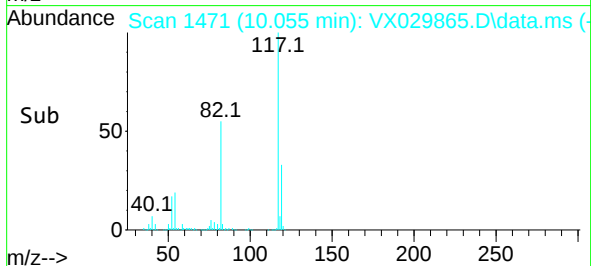
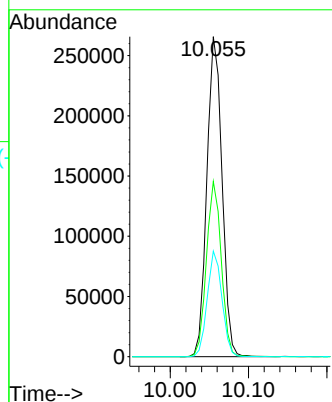
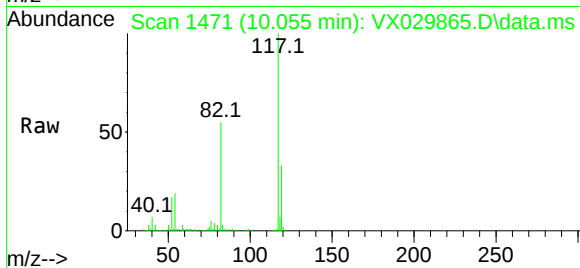




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

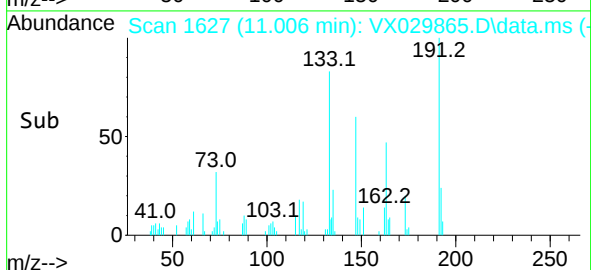
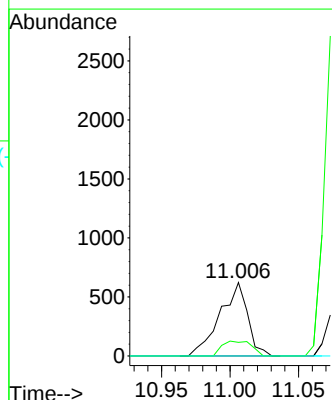
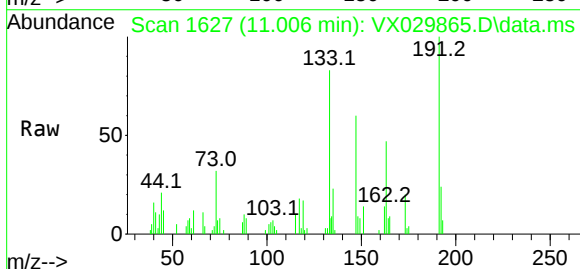
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220622

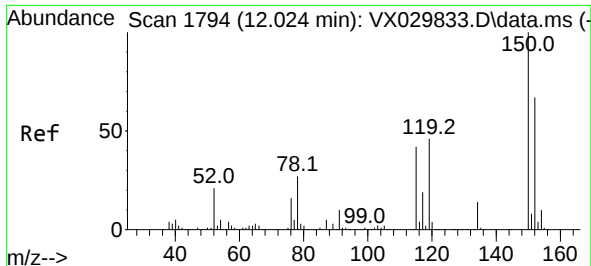
Tgt Ion:117 Resp: 356523
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 33.0 25.4 38.2



#71
Bromoform
Concen: 0.515 ug/l
RT: 11.006 min Scan# 1627
Delta R.T. 0.201 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion:173 Resp: 878
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.1 0.1#

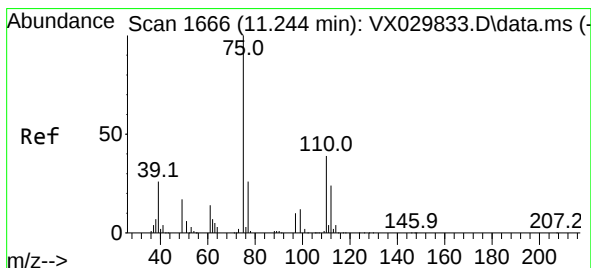
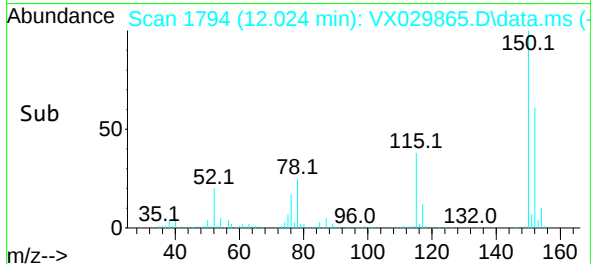
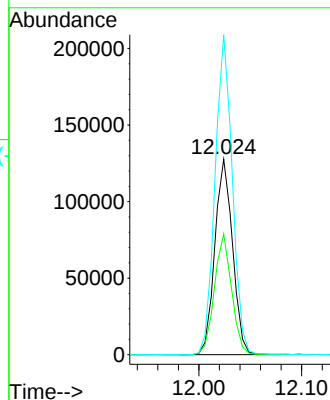
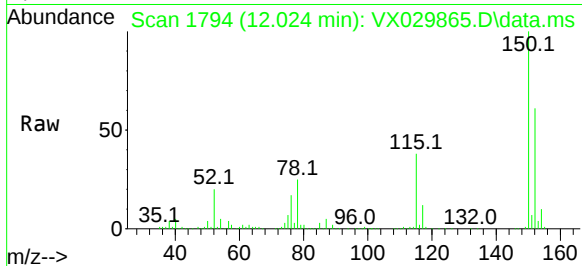




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

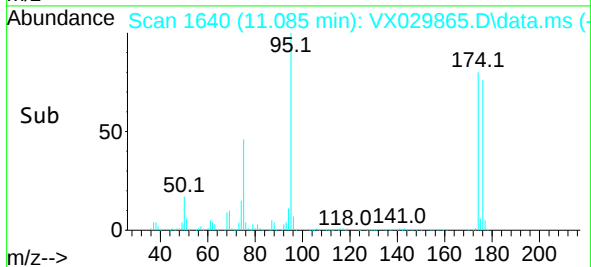
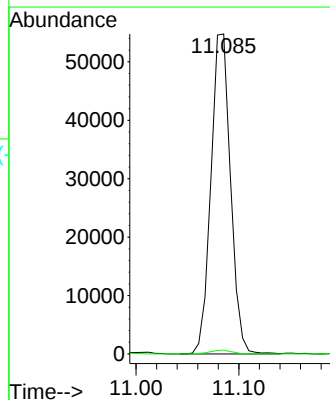
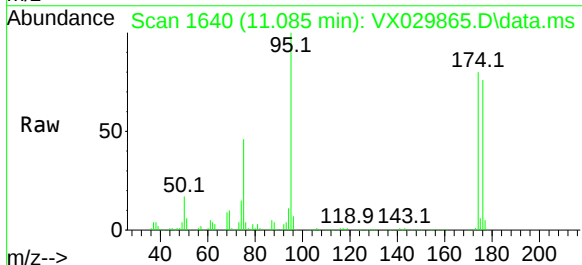
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220622

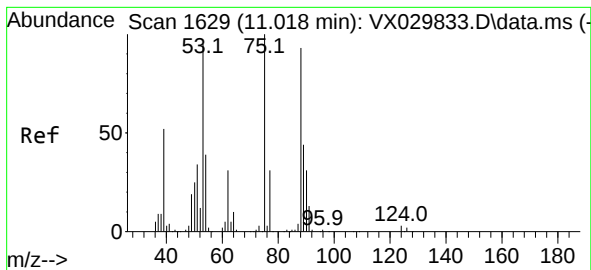
Tgt Ion:152 Resp: 153159
Ion Ratio Lower Upper
152 100
115 60.0 40.5 121.5
150 159.5 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 19.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX029865.D
Acq: 29 Jun 2022 16:30

Tgt Ion: 75 Resp: 72618
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.900 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029865.D
 Acq: 29 Jun 2022 16:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20220622

Tgt Ion: 75 Resp: 72618
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.3 34.8 52.2#

