

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031082.D
 Acq On : 03 Sep 2022 15:01
 Operator : JC/MD
 Sample : VX0903WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBL01

Quant Time: Sep 06 00:12:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

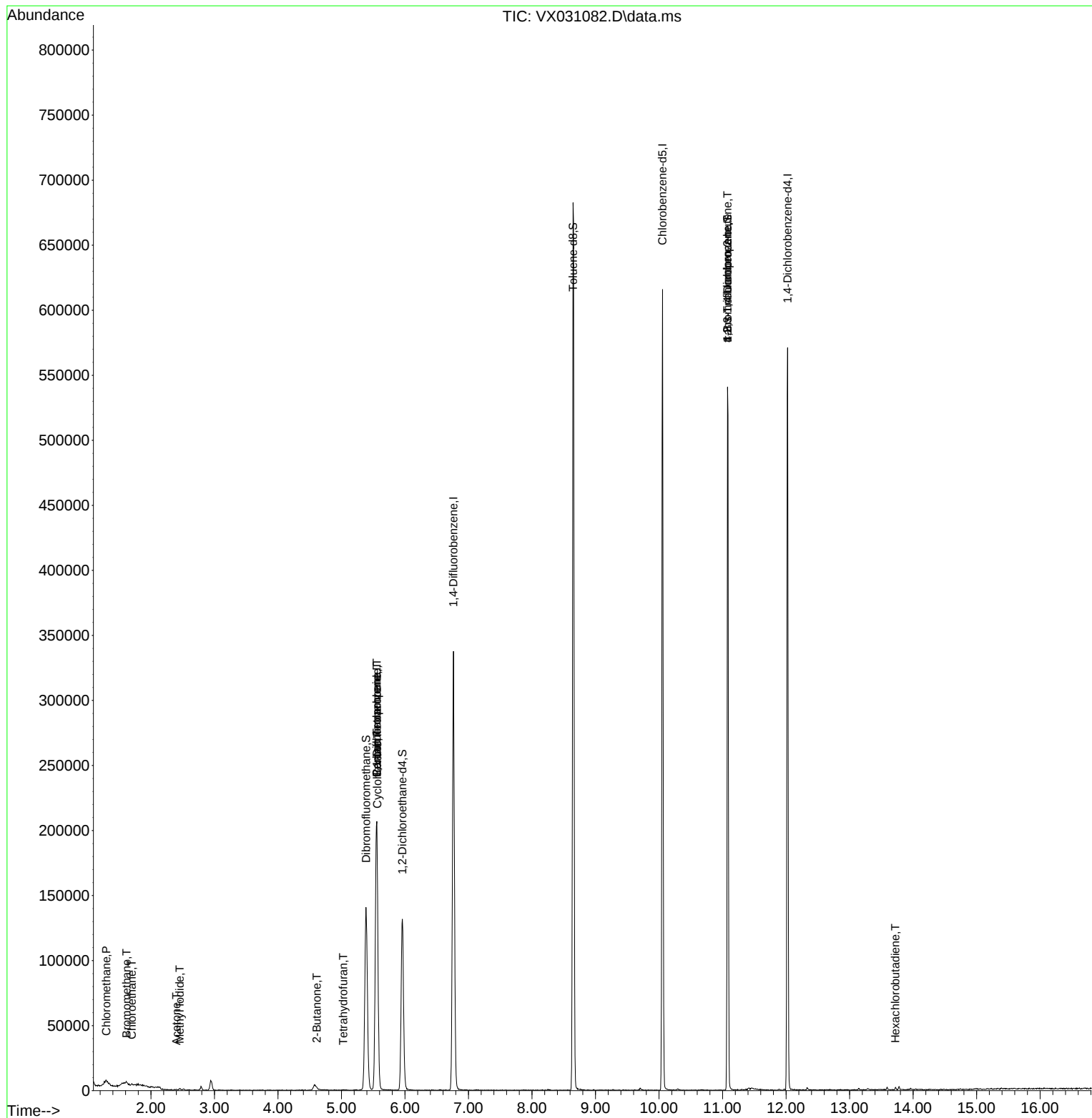
Internal Standards						
1) Pentafluorobenzene	5.556	168	212836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130280	47.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	5.385	113	124597	49.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.880%		
50) Toluene-d8	8.647	98	443976	48.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.079	95	147131	45.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.740%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	751	1.054	ug/l #	56
5) Bromomethane	1.618	94	662	0.647	ug/l #	74
6) Chloroethane	1.697	64	751	2.171	ug/l #	60
10) Methyl Iodide	2.453	142	1371	3.430	ug/l	94
11) Tert butyl alcohol	2.934	59	4413	Below Cal	#	74
16) Acetone	2.398	43	570	0.539	ug/l #	32
20) Methylene Chloride	2.788	84	1279	Below Cal	#	79
25) 2-Butanone	4.611	43	409	0.251	ug/l #	48
29) Tetrahydrofuran	5.025	42	217	0.206	ug/l #	70
31) Cyclohexane	5.562	56	2968	0.793	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14365	4.111	ug/l #	44
38) Carbon Tetrachloride	5.556	117	19875	5.479	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	68947	22.433	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68947	70.503	ug/l #	12
94) Hexachlorobutadiene	13.719	225	395	0.269	ug/l	72

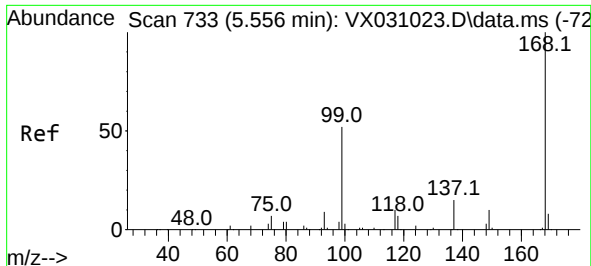
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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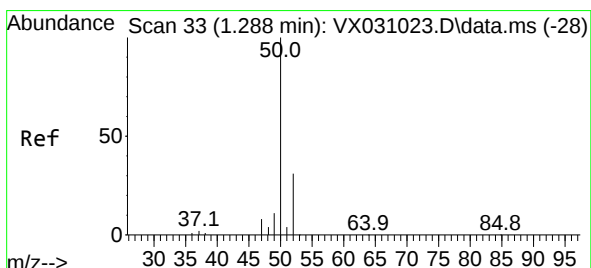
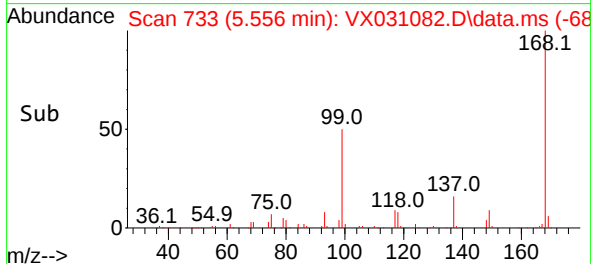
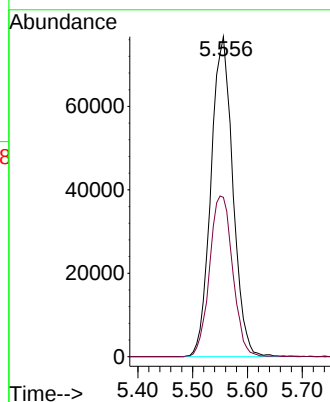
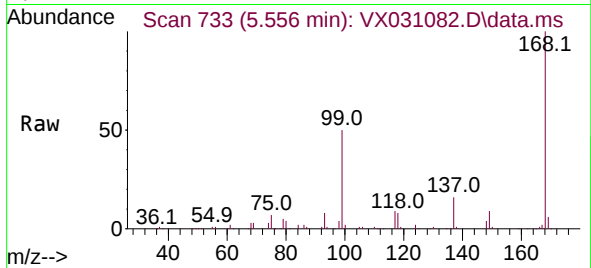




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

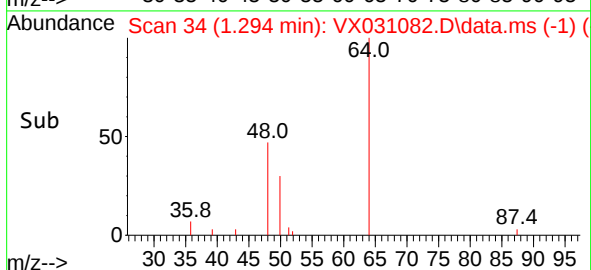
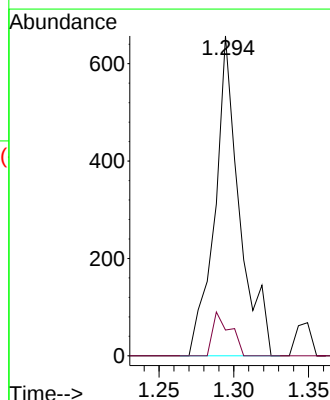
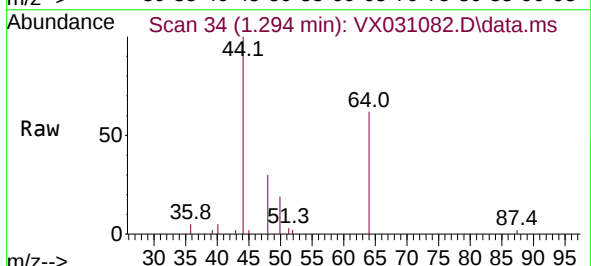
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL01

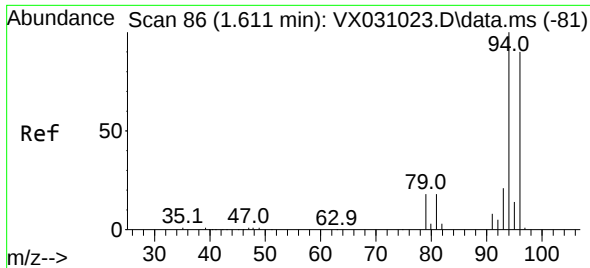
Tgt Ion:168 Resp: 212836
Ion Ratio Lower Upper
168 100
99 49.8 44.0 66.0



#3
Chloromethane
Concen: 1.054 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion: 50 Resp: 751
Ion Ratio Lower Upper
50 100
52 8.1 26.3 39.5

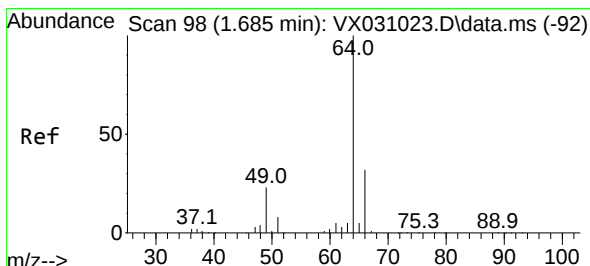
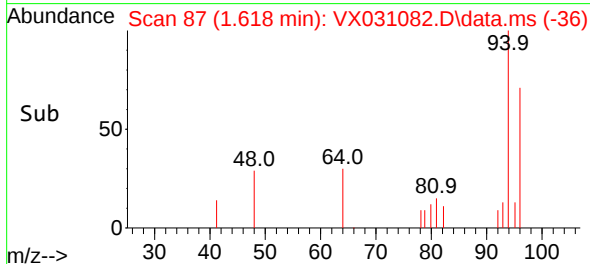
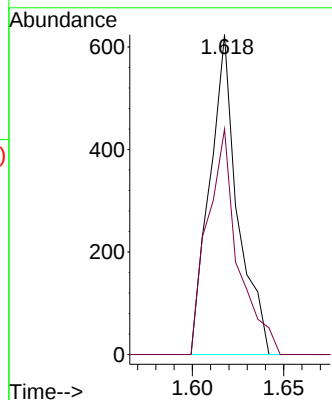
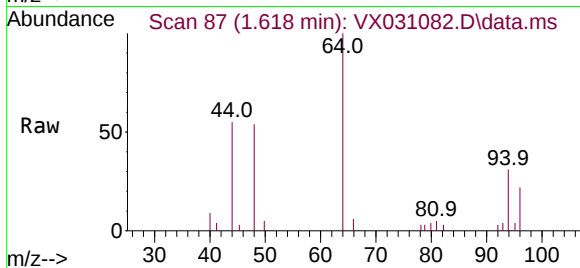




#5
Bromomethane
Concen: 0.647 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

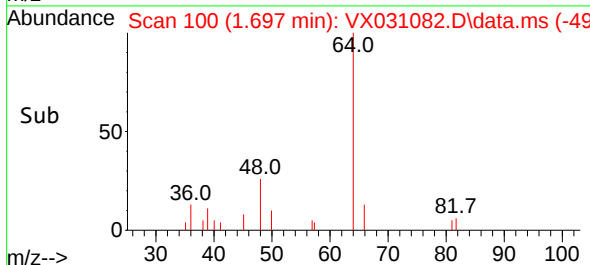
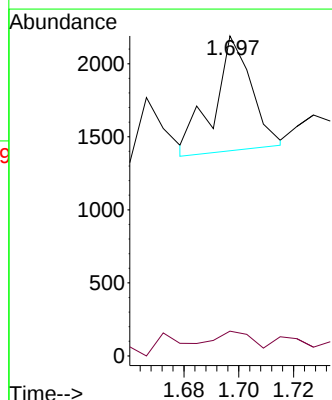
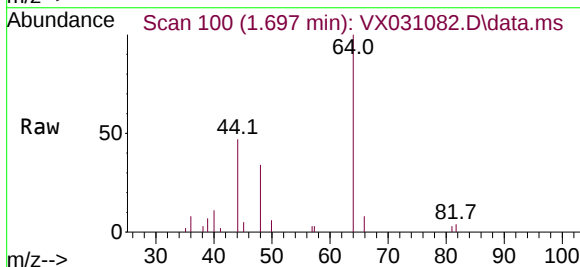
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL01

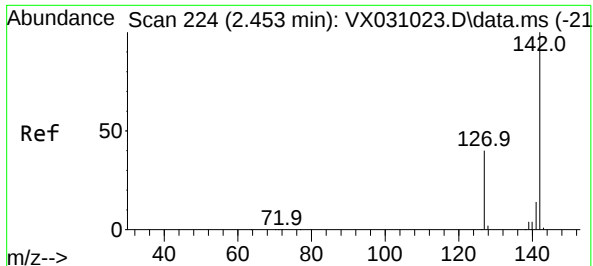
Tgt Ion: 94 Resp: 662
Ion Ratio Lower Upper
94 100
96 70.5 76.9 115.3#



#6
Chloroethane
Concen: 2.171 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion: 64 Resp: 751
Ion Ratio Lower Upper
64 100
66 11.1 27.2 40.8#





#10

Methyl Iodide

Concen: 3.430 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031082.D

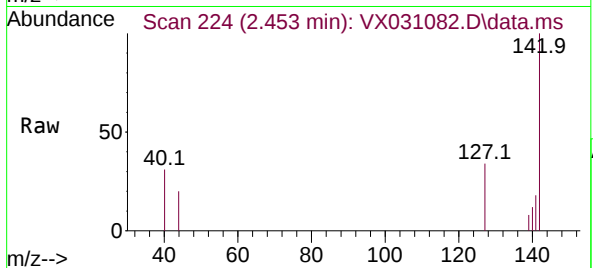
Acq: 03 Sep 2022 15:01

Instrument :

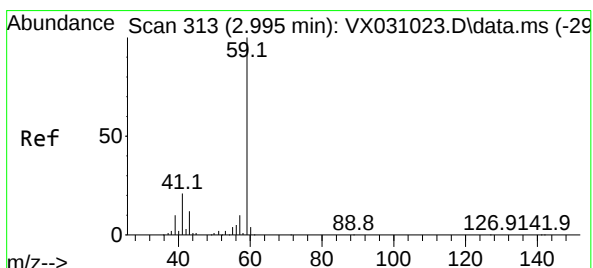
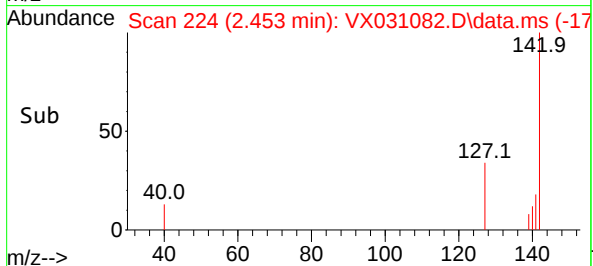
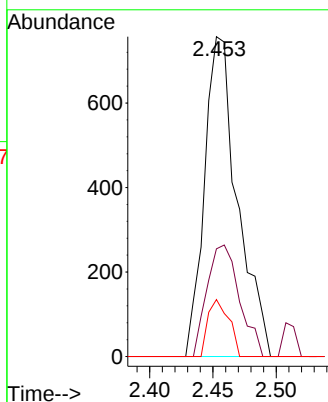
MSVOA_X

ClientSampleId :

VX0903WBL01



Tgt Ion:142	Resp:	1371
Ion	Ratio	Lower Upper
142	100	
127	34.4	30.2 45.2
141	11.3	11.3 16.9



#11

Tert butyl alcohol

Concen: Below Cal

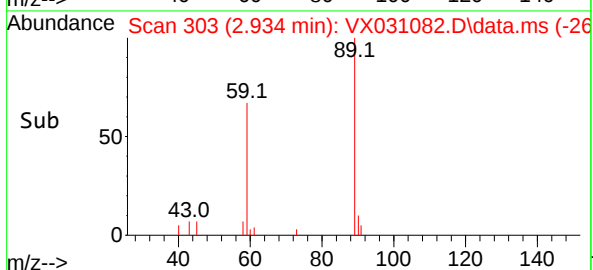
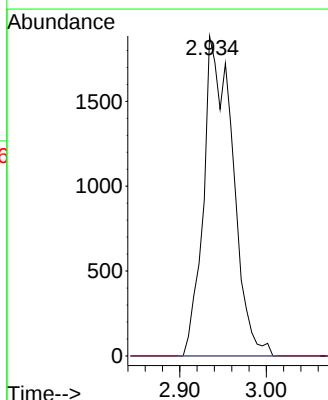
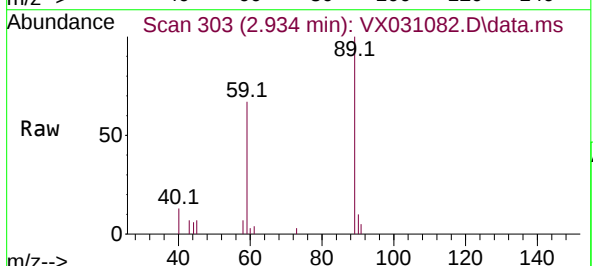
RT: 2.934 min Scan# 303

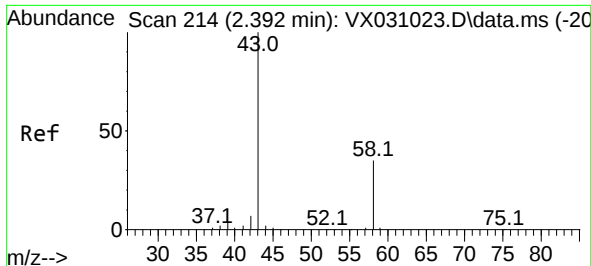
Delta R.T. -0.055 min

Lab File: VX031082.D

Acq: 03 Sep 2022 15:01

Tgt Ion: 59	Resp:	4413
Ion	Ratio	Lower Upper
59	100	
57	0.0	7.4 11.2#

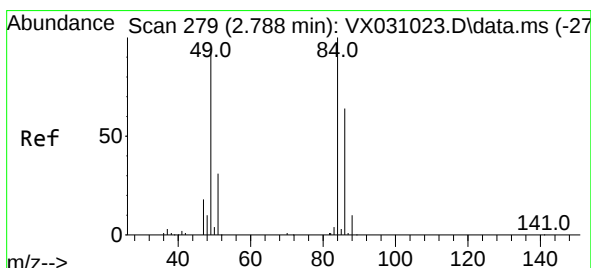
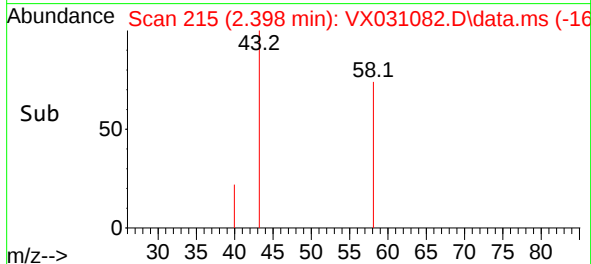
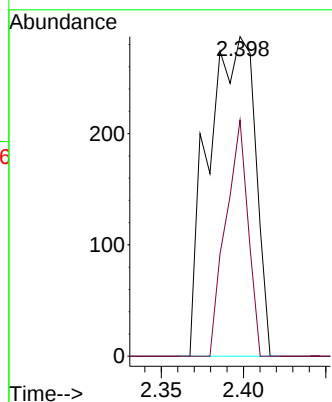
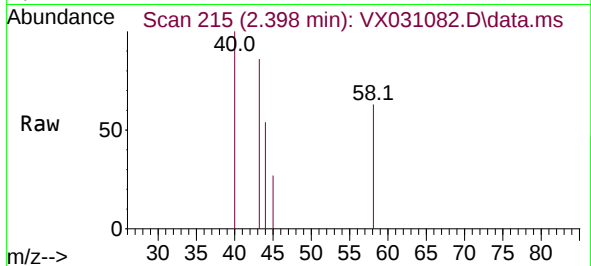




#16
Acetone
Concen: 0.539 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

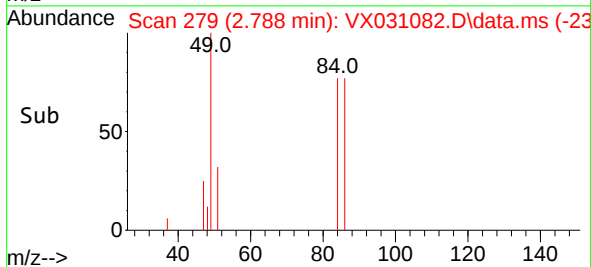
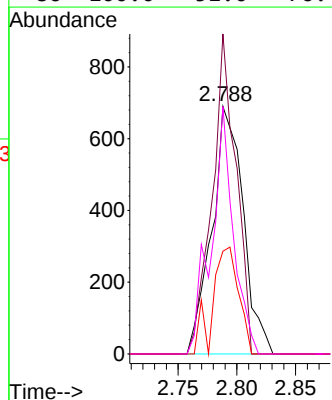
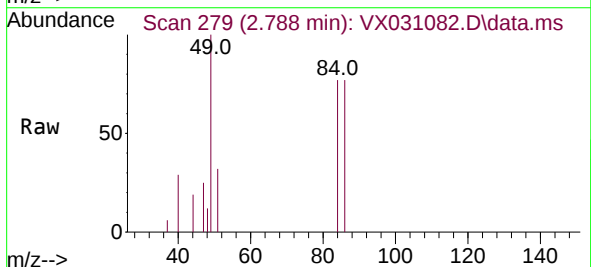
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL01

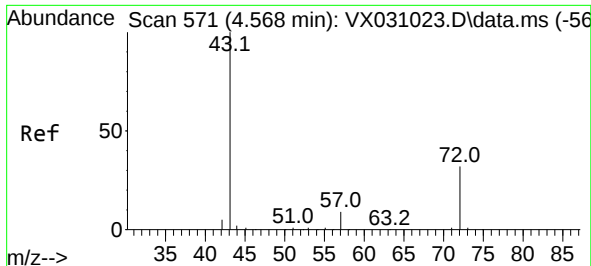
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 73.9 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion: 84 Resp: 1279
Ion Ratio Lower Upper
84 100
49 129.3 93.8 140.6
51 41.4 29.4 44.0
86 100.0 51.0 76.4#

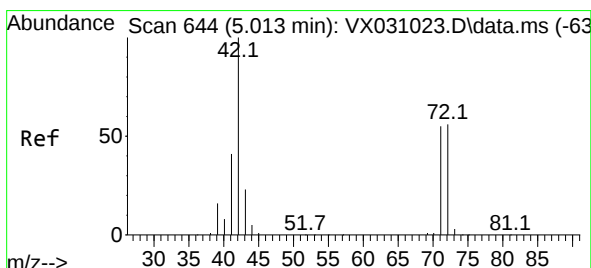
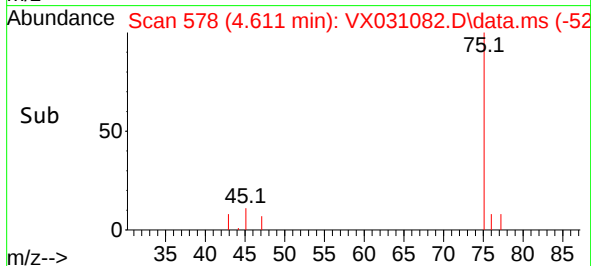
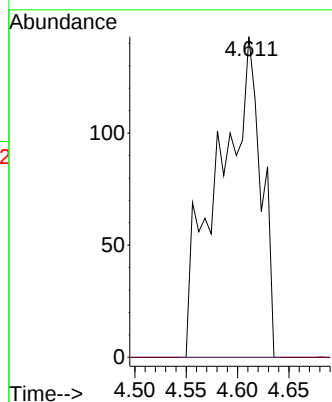
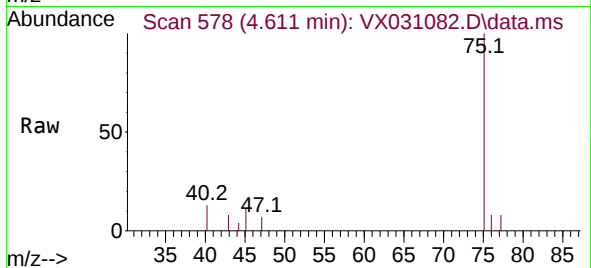




#25
2-Butanone
Concen: 0.251 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

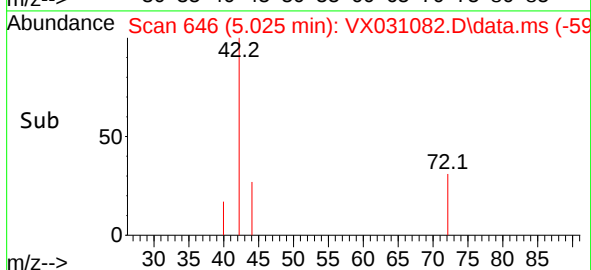
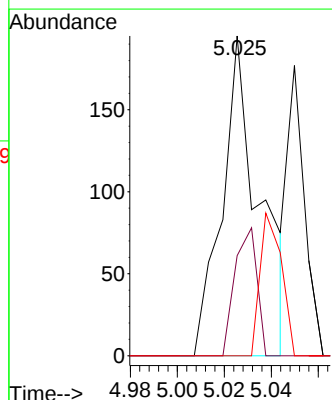
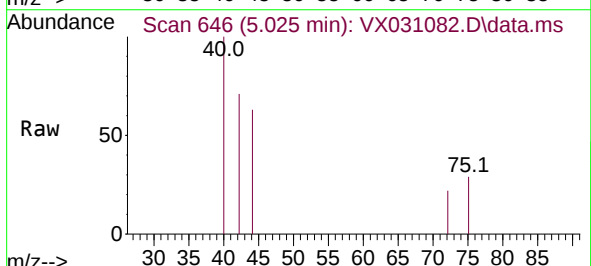
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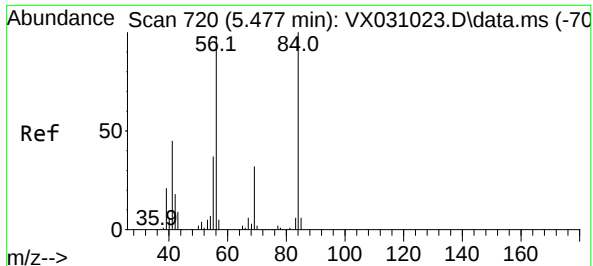
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion: 42 Resp: 217
Ion Ratio Lower Upper
42 100
72 23.5 36.5 54.7#
71 25.3 33.9 50.9#

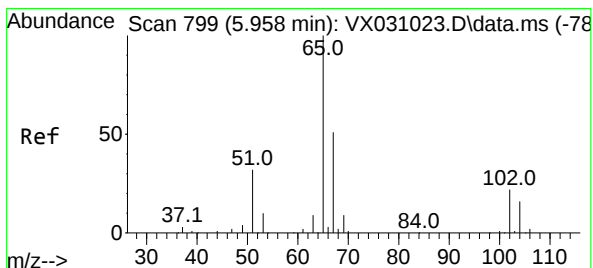
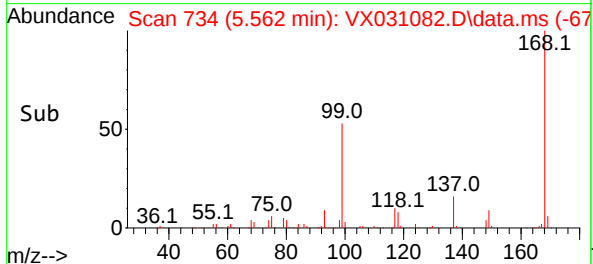
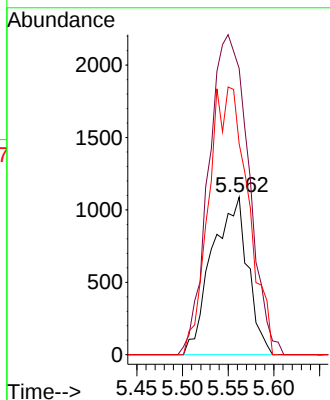
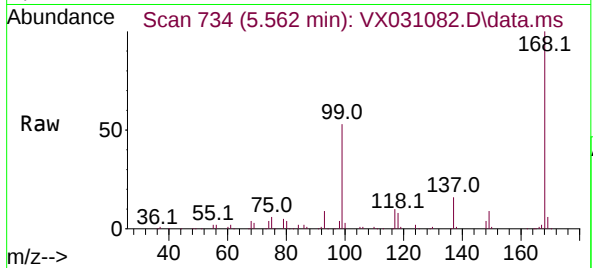




#31
Cyclohexane
Concen: 0.793 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

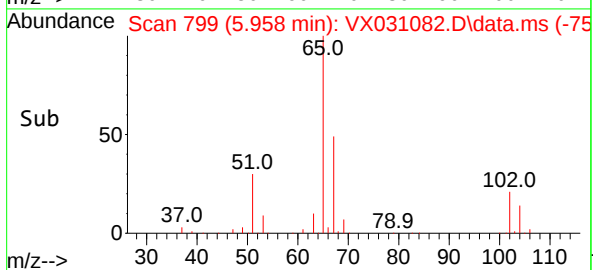
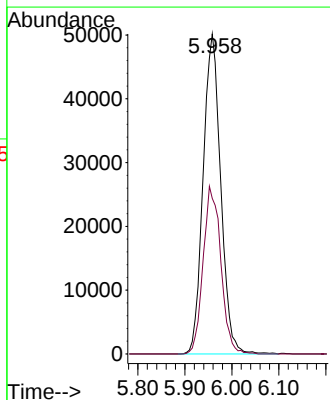
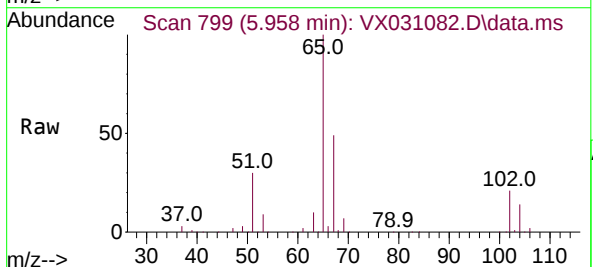
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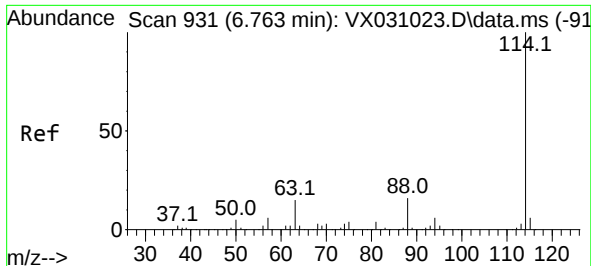
Tgt Ion: 56 Resp: 2968
Ion Ratio Lower Upper
56 100
69 181.5 25.4 38.0#
84 133.7 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.573 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion: 65 Resp: 130280
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

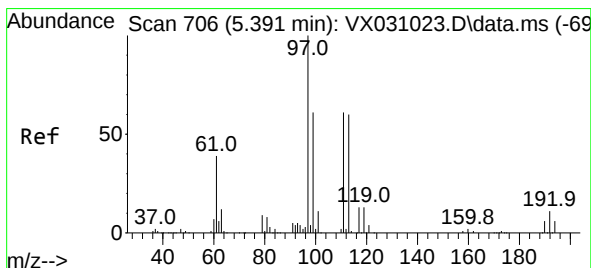
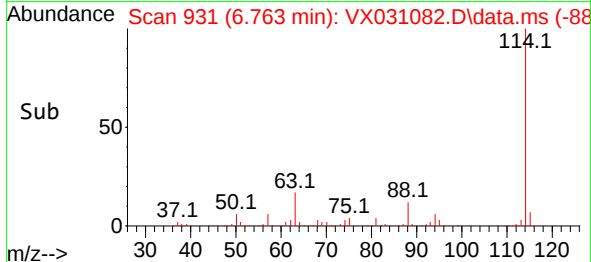
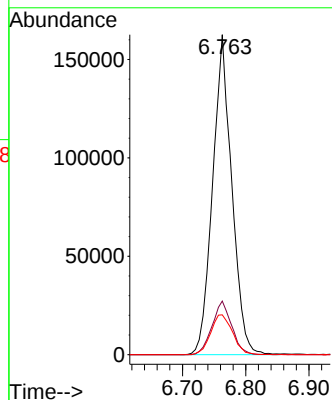
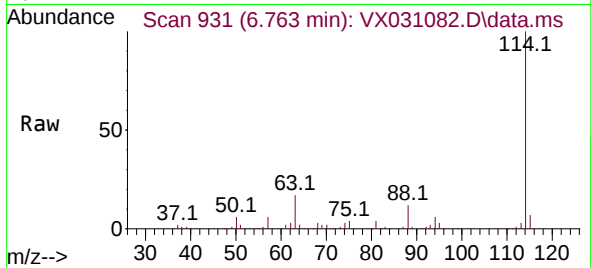




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

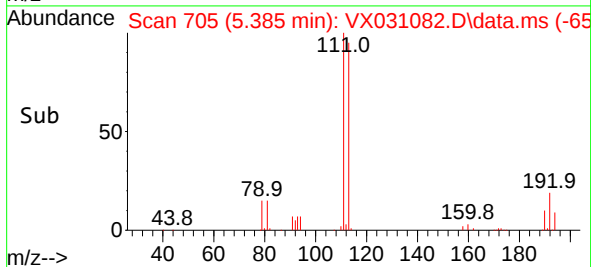
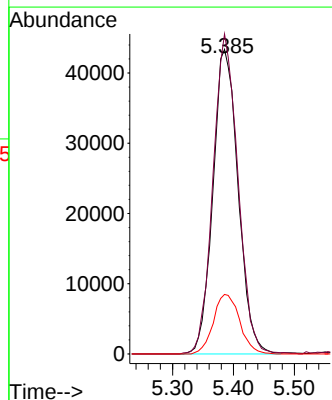
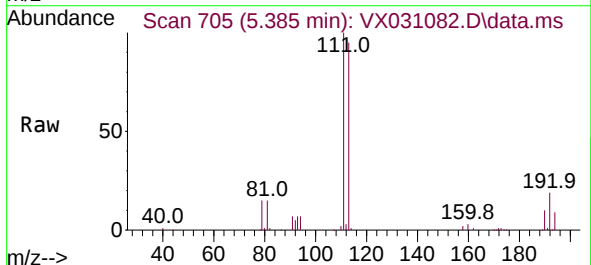
Instrument :
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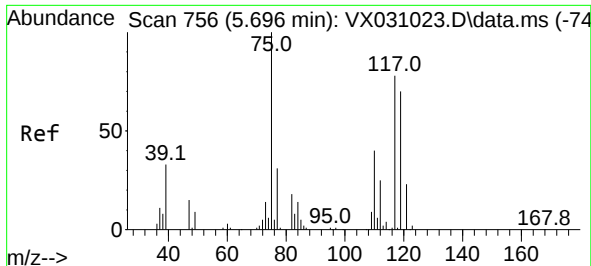
Tgt Ion:114 Resp: 341860
Ion Ratio Lower Upper
114 100
63 16.8 0.0 38.4
88 12.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.943 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion:113 Resp: 124597
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 20.4 14.8 22.2

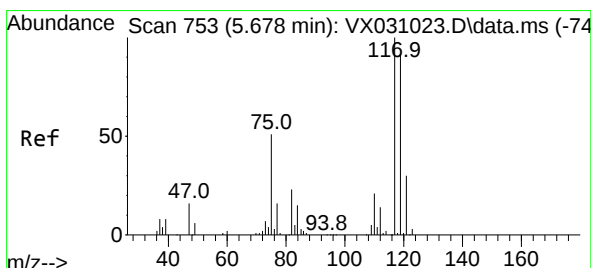
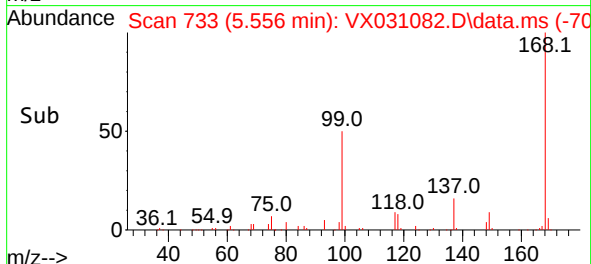
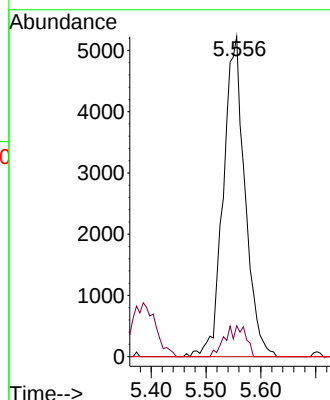
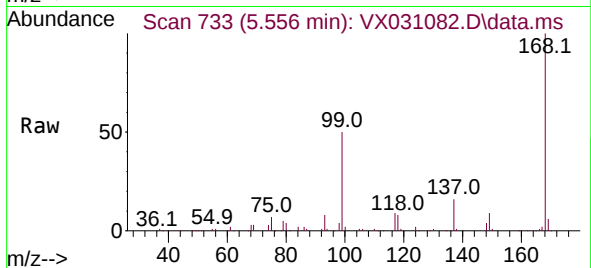




#36
1,1-Dichloropropene
Concen: 4.111 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

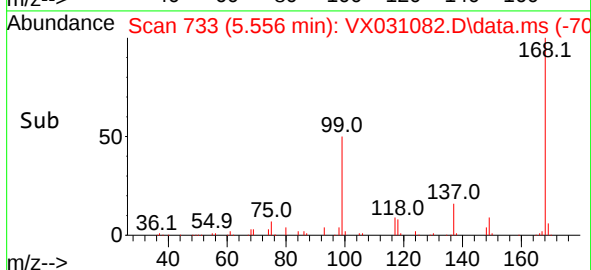
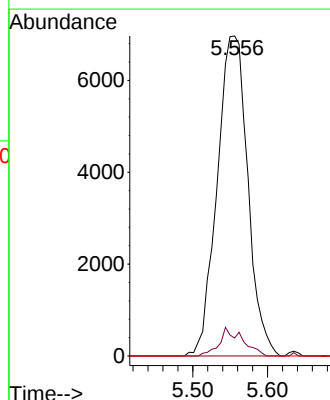
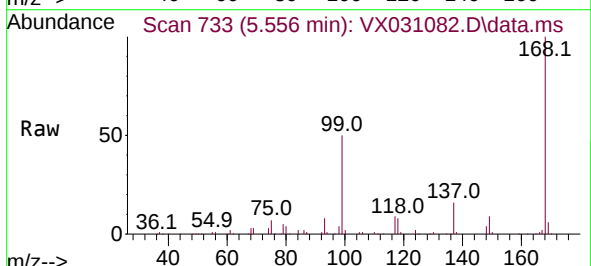
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL01

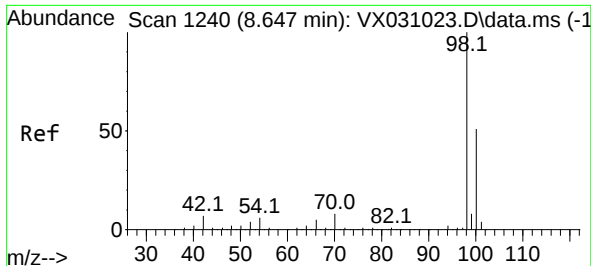
Tgt Ion: 75 Resp: 14365
Ion Ratio Lower Upper
75 100
110 4.4 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion: 117 Resp: 19875
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#

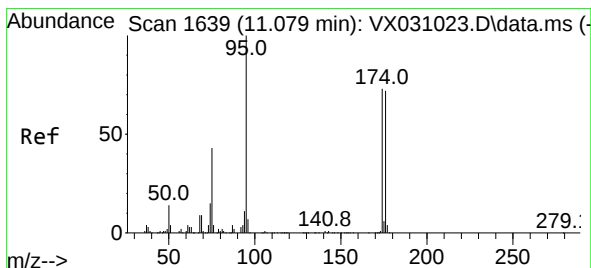
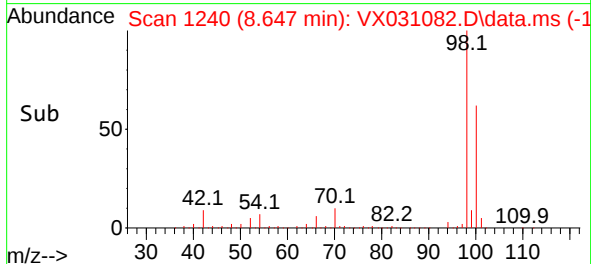
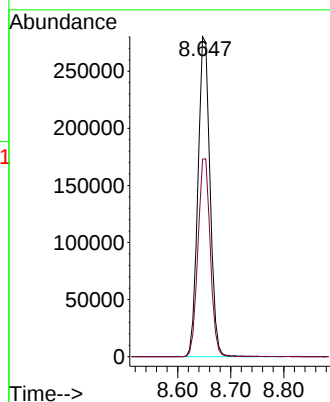
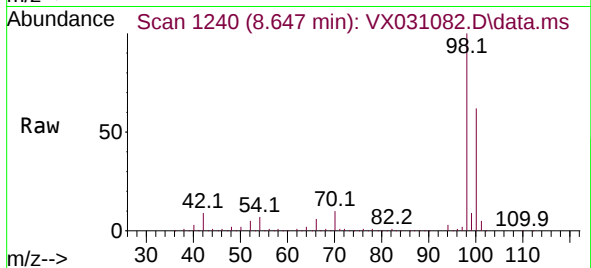




#50
Toluene-d8
Concen: 48.354 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

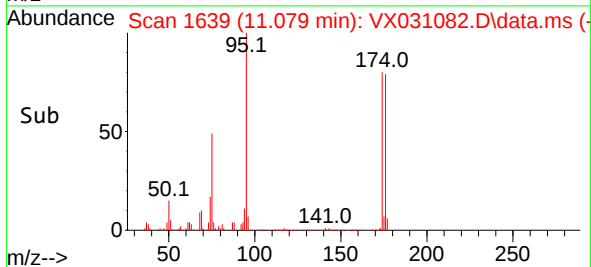
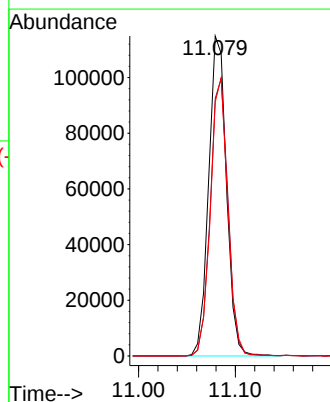
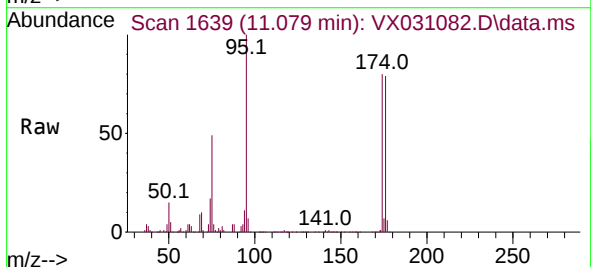
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL01

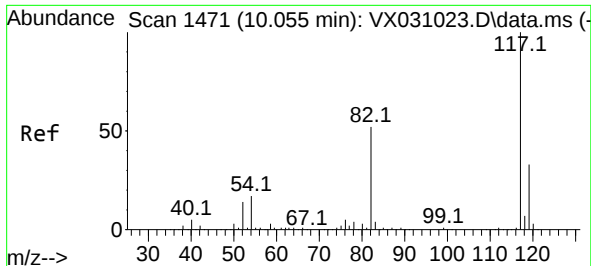
Tgt Ion: 98 Resp: 443976
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion: 95 Resp: 147131
Ion Ratio Lower Upper
95 100
174 86.3 0.0 149.0
176 84.9 0.0 146.0

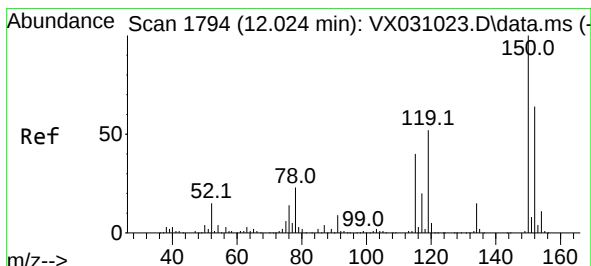
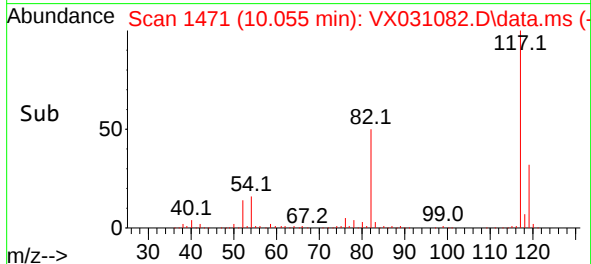
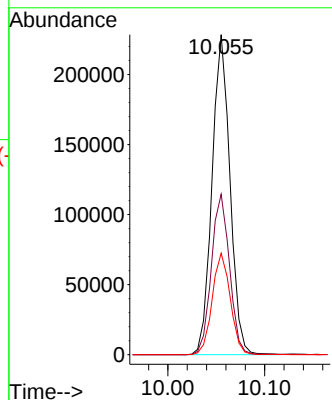
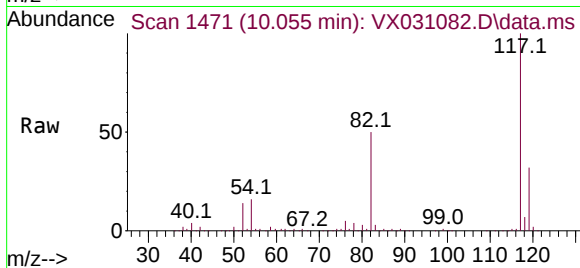




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

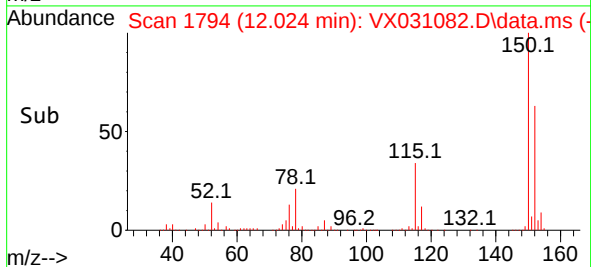
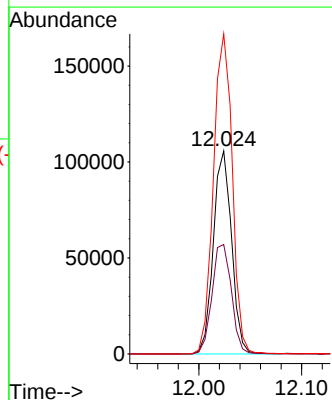
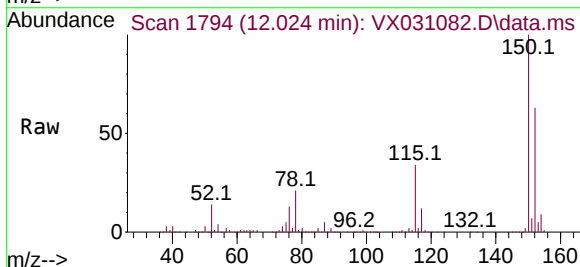
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL01

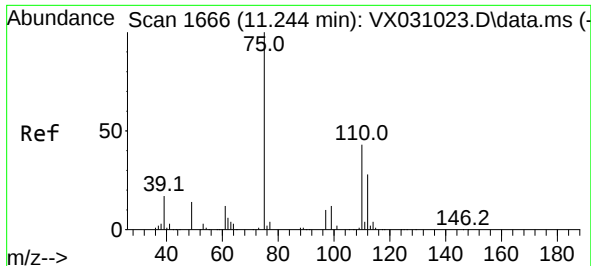
Tgt Ion:117 Resp: 294554
Ion Ratio Lower Upper
117 100
82 50.2 42.7 64.1
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

Tgt Ion:152 Resp: 130013
Ion Ratio Lower Upper
152 100
115 57.4 40.5 121.5
150 162.8 0.0 347.0

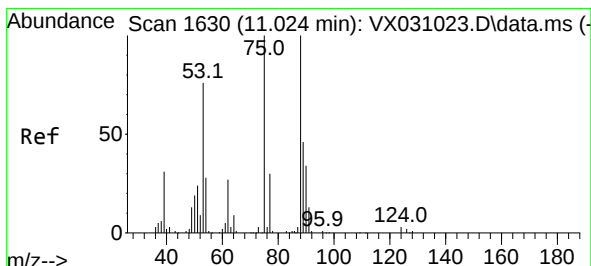
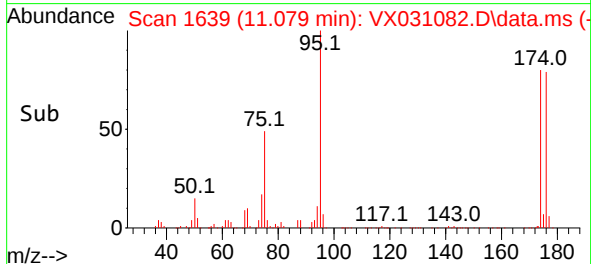
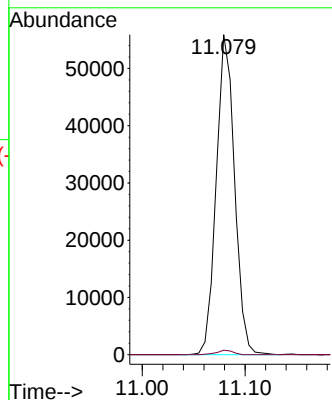
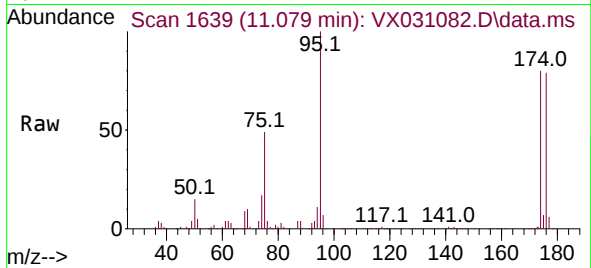




#76
1,2,3-Trichloropropane
Concen: 22.433 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

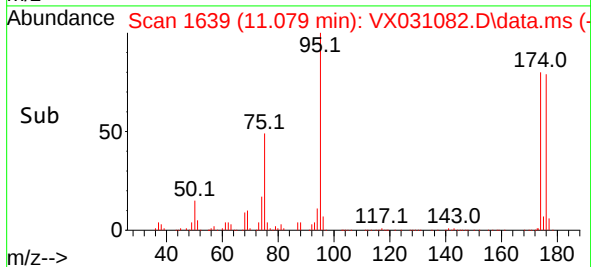
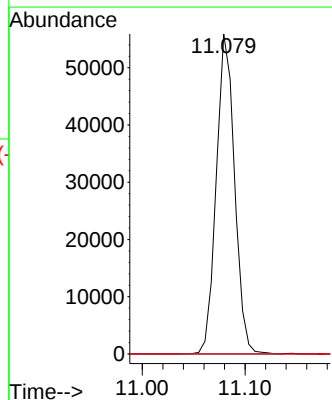
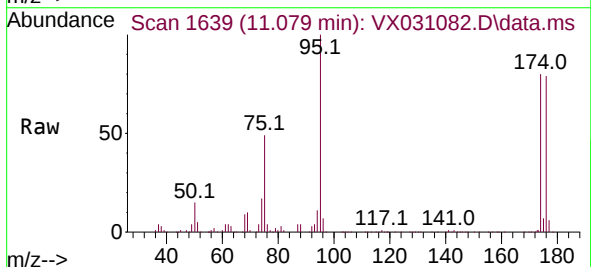
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL01

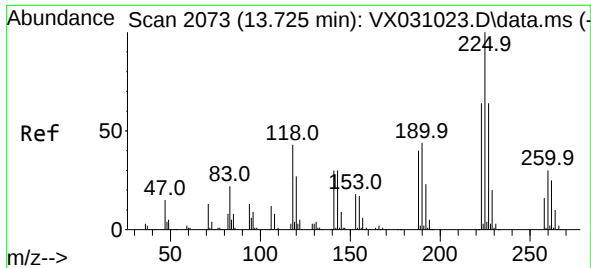
Tgt Ion: 75 Resp: 68947
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031082.D
Acq: 03 Sep 2022 15:01

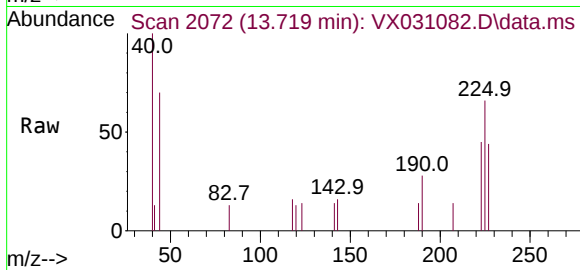
Tgt Ion: 75 Resp: 68947
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#94
 Hexachlorobutadiene
 Concen: 0.269 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX031082.D
 Acq: 03 Sep 2022 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBL01



Tgt Ion:	225	Resp:	395
Ion	Ratio	Lower	Upper
225	100		
223	90.9	30.6	91.6
227	50.4	31.9	95.9

