

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091322\
 Data File : VX031300.D
 Acq On : 13 Sep 2022 19:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 14 05:54:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 05:51:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	62645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	100628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37390	28.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	56.220%#		
35) Dibromofluoromethane	5.391	113	33041	27.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	55.300%#		
50) Toluene-d8	8.653	98	129431	28.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	56.440%#		
62) 4-Bromofluorobenzene	11.079	95	35575	24.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	48.440%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	189	0.293	ug/l #	41
3) Chloromethane	1.294	50	853	0.452	ug/l #	81
5) Bromomethane	1.611	94	2818	0.570	ug/l	96
7) Trichlorofluoromethane	1.892	101	843	0.201	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	390	0.388	ug/l #	52
10) Methyl Iodide	2.459	142	647	0.576	ug/l #	64
11) Tert butyl alcohol	2.946	59	1764	Below Cal	#	91
12) 1,1-Dichloroethene	2.324	96	440	0.438	ug/l #	29
13) Acrolein	2.215	56	1792	4.929	ug/l	93
15) Acrylonitrile	3.074	53	632	0.719	ug/l #	54
16) Acetone	2.385	43	378	0.525	ug/l #	42
17) Carbon Disulfide	2.507	76	1990	4.427	ug/l #	88
20) Methylene Chloride	2.788	84	624	0.507	ug/l #	50
21) trans-1,2-Dichloroethene	3.093	96	876	0.767	ug/l #	69
23) Vinyl Acetate	3.733	43	1324	0.317	ug/l #	74
25) 2-Butanone	4.568	43	294	0.231	ug/l #	51
26) 2,2-Dichloropropane	4.580	77	414	0.220	ug/l	81
31) Cyclohexane	5.464	56	555	0.303	ug/l #	73
36) 1,1-Dichloropropene	5.696	75	591	0.360	ug/l #	56
38) Carbon Tetrachloride	5.543	117	6025	3.413	ug/l #	16
49) 1,4-Dioxane	7.415	88	69	1.688	ug/l #	1
65) Chlorobenzene	10.085	112	602	0.203	ug/l #	68
68) m/p-Xylenes	10.299	106	623	0.292	ug/l	82
73) Isopropylbenzene	10.969	105	734	0.237	ug/l	91
74) N-amyl acetate	10.853	43	821	0.462	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	20644	19.762	ug/l #	37
77) Bromobenzene	11.201	156	204	0.268	ug/l	61
78) n-propylbenzene	11.305	91	1398	0.388	ug/l	92
79) 2-Chlorotoluene	11.365	91	785	0.382	ug/l	79
80) 1,3,5-Trimethylbenzene	11.451	105	736	0.282	ug/l	84
81) trans-1,4-Dichloro-2-b...	11.079	75	20644	47.071	ug/l #	13
82) 4-Chlorotoluene	11.457	91	965	0.404	ug/l	92
83) tert-Butylbenzene	11.713	119	762	0.283	ug/l	83
84) 1,2,4-Trimethylbenzene	11.762	105	792	0.309	ug/l	79
85) sec-Butylbenzene	11.890	105	1273	0.383	ug/l	99
86) p-Isopropyltoluene	12.012	119	1066	0.383	ug/l #	72

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 05:51:22 2022
 Response via : Initial Calibration

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

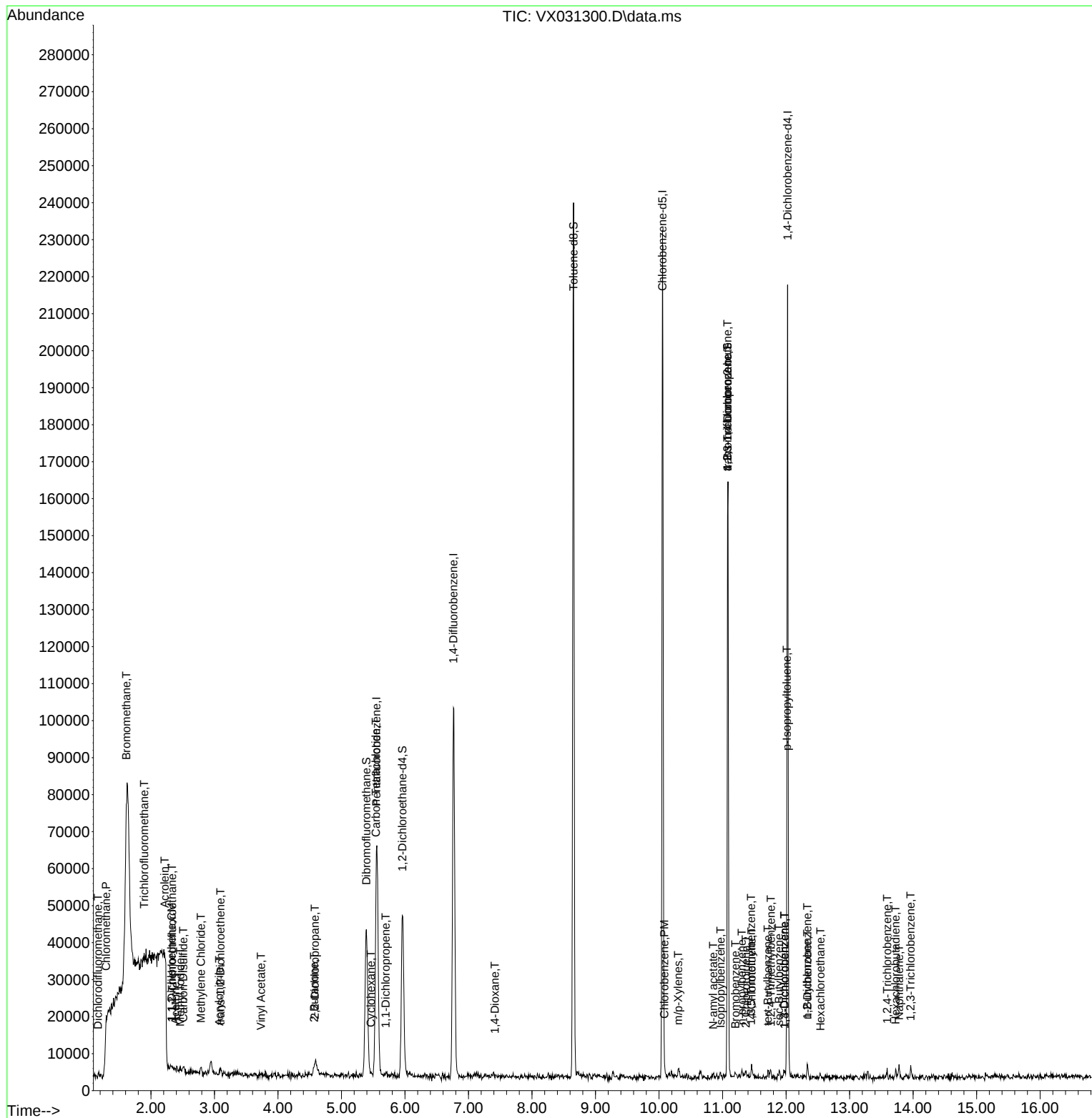
87) 1,3-Dichlorobenzene	11.975	146	748	0.516	ug/l	91
88) 1,4-Dichlorobenzene	11.975	146	748	0.500	ug/l	91
89) n-Butylbenzene	12.335	91	1188	0.482	ug/l	95
90) Hexachloroethane	12.542	117	130	0.231	ug/l #	15
91) 1,2-Dichlorobenzene	12.335	146	453	0.308	ug/l	85
92) 1,2-Dibromo-3-Chloropr...	12.957	75	182	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	13.591	180	655	0.786	ug/l	92
94) Hexachlorobutadiene	13.725	225	368	1.129	ug/l	88
95) Naphthalene	13.780	128	2108	0.655	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	665	0.759	ug/l	90

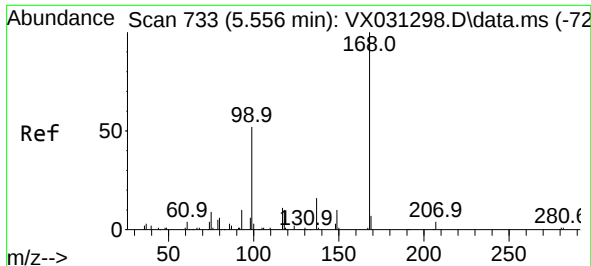
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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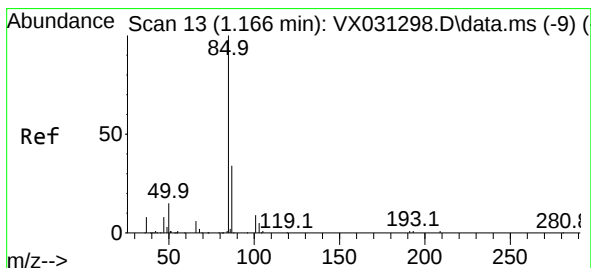
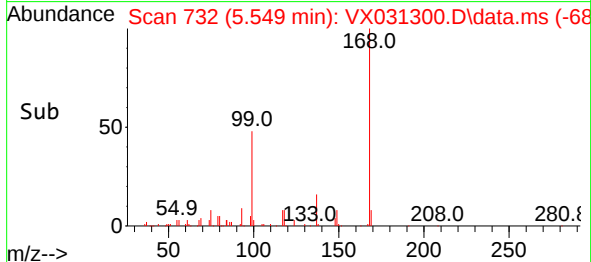
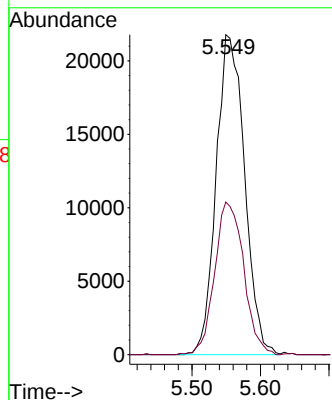
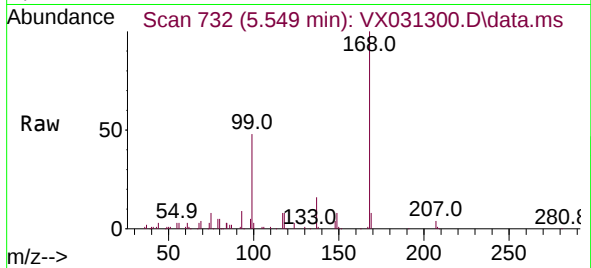




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

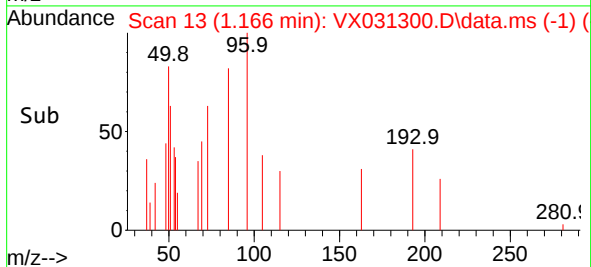
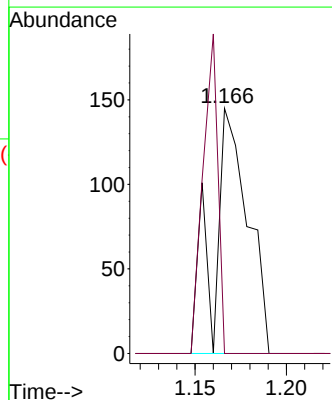
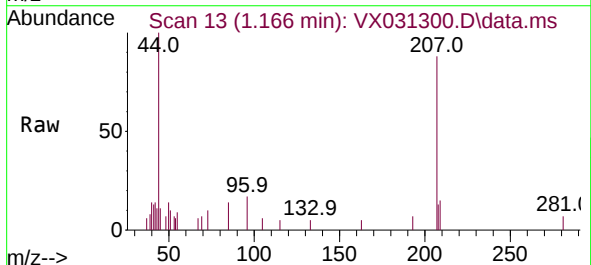
Instrument :
MSVOA_X
ClientSampleId :
IBLK

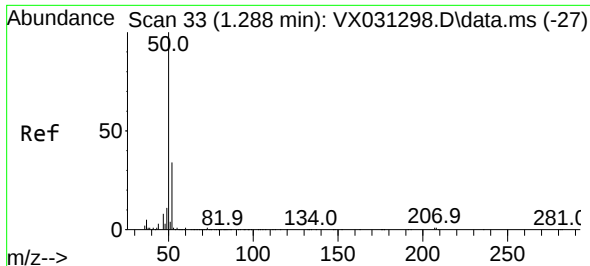
Tgt Ion:168 Resp: 62645
Ion Ratio Lower Upper
168 100
99 47.7 41.3 61.9



#2
Dichlorodifluoromethane
Concen: 0.293 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 85 Resp: 189
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

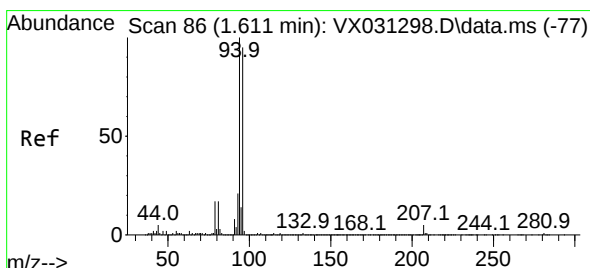
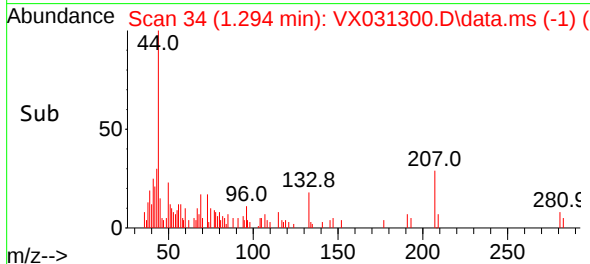
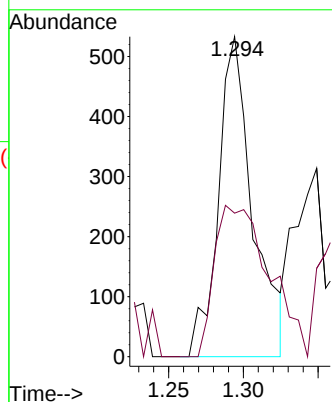
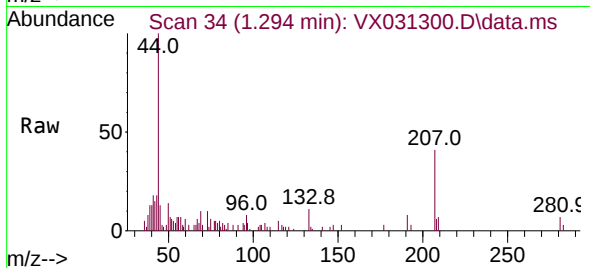




#3
Chloromethane
Concen: 0.452 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

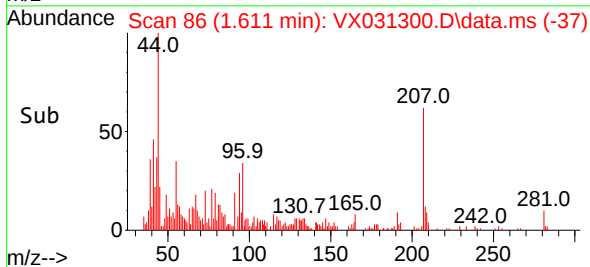
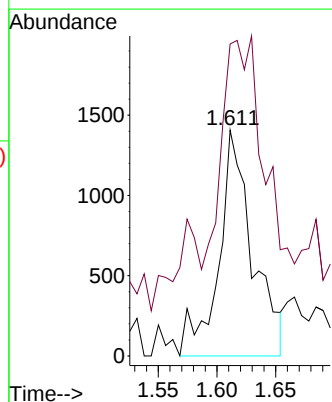
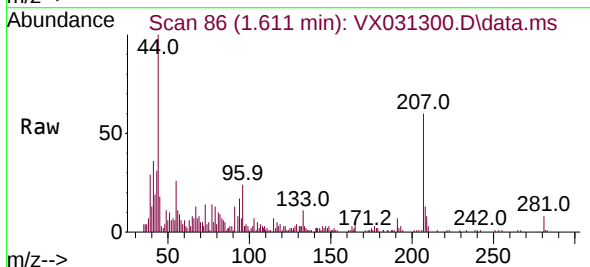
Instrument :
MSVOA_X
ClientSampleId :
IBLK

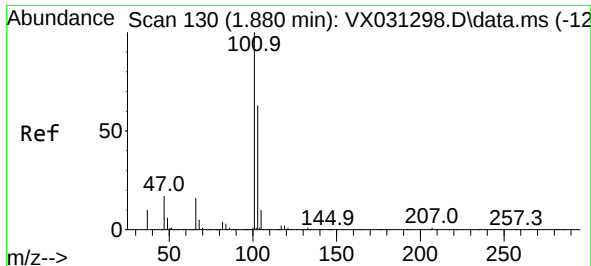
Tgt Ion: 50 Resp: 853
Ion Ratio Lower Upper
50 100
52 44.8 27.1 40.7#



#5
Bromomethane
Concen: 0.570 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 94 Resp: 2818
Ion Ratio Lower Upper
94 100
96 99.0 76.1 114.1

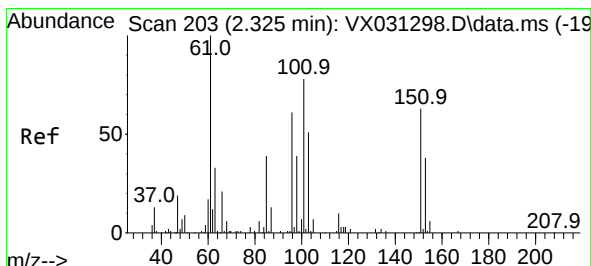
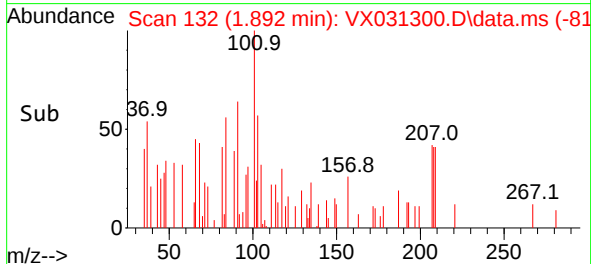
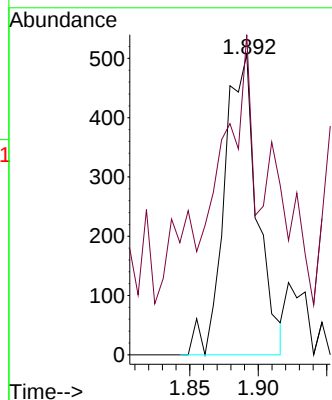
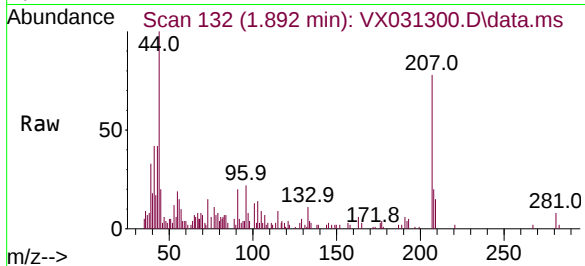




#7
 Trichlorofluoromethane
 Concen: 0.201 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX031300.D
 Acq: 13 Sep 2022 19:27

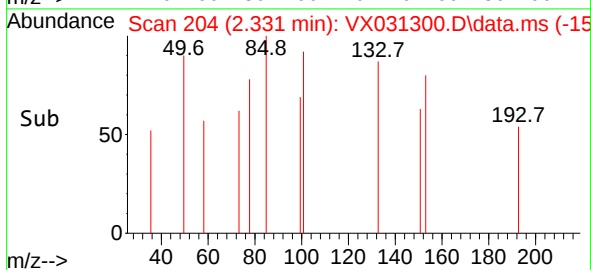
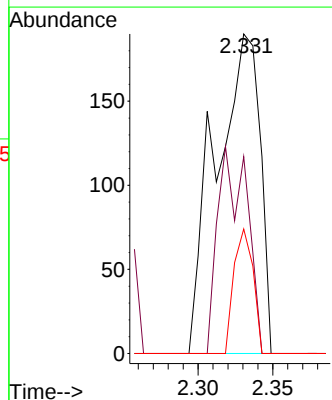
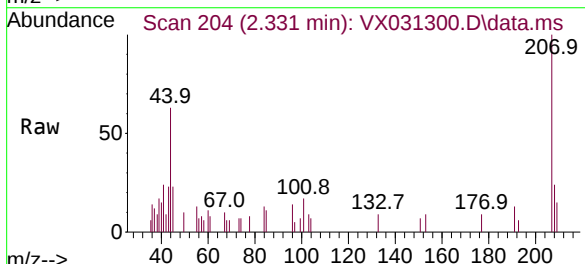
Instrument :
 MSVOA_X
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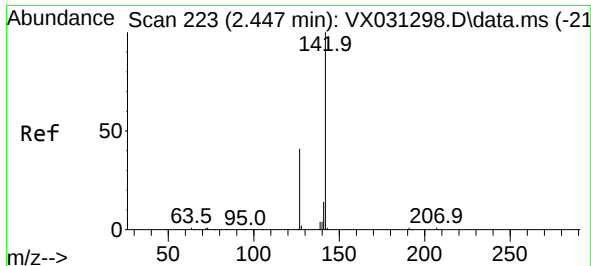
Tgt Ion:101 Resp: 843
 Ion Ratio Lower Upper
 101 100
 103 69.2 50.2 75.4



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.388 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX031300.D
 Acq: 13 Sep 2022 19:27

Tgt Ion:101 Resp: 390
 Ion Ratio Lower Upper
 101 100
 85 42.8 38.2 57.2
 151 16.9 64.1 96.1#

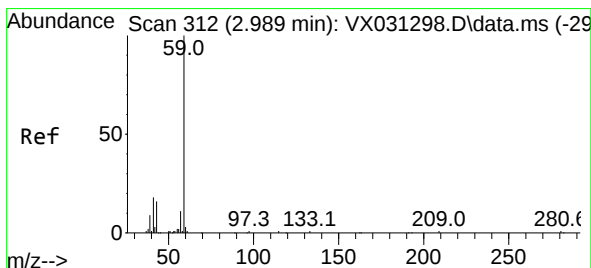
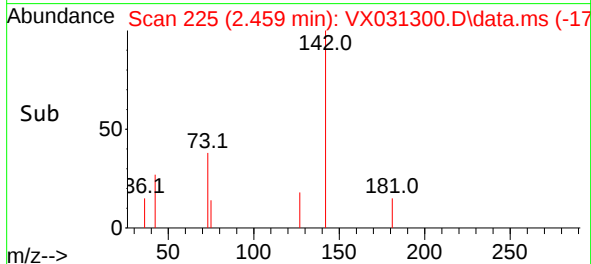
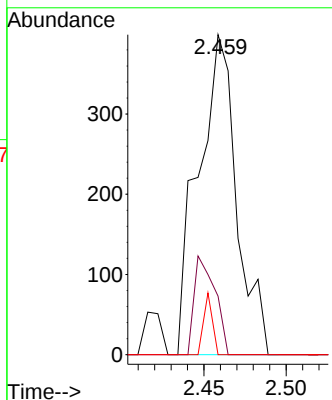
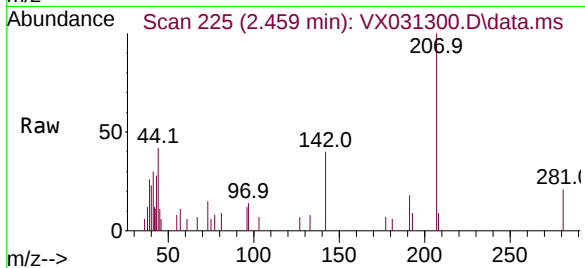




#10
Methyl Iodide
Concen: 0.576 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

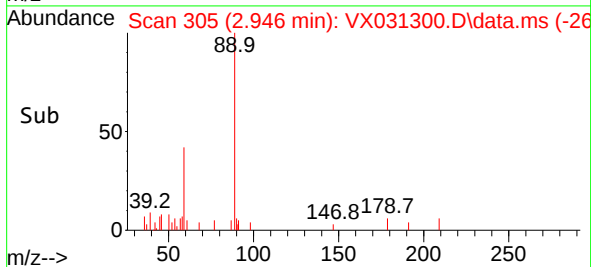
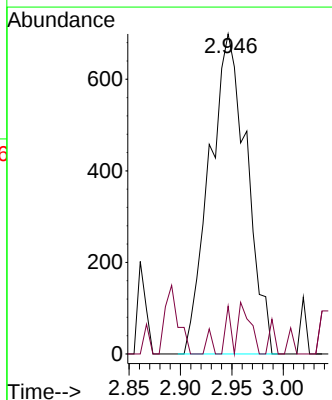
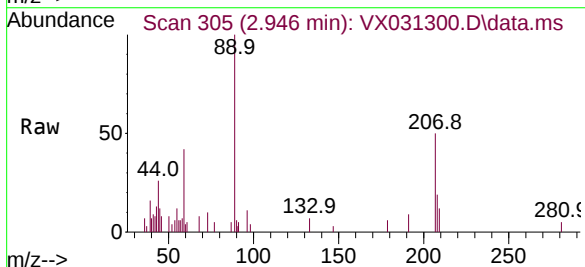
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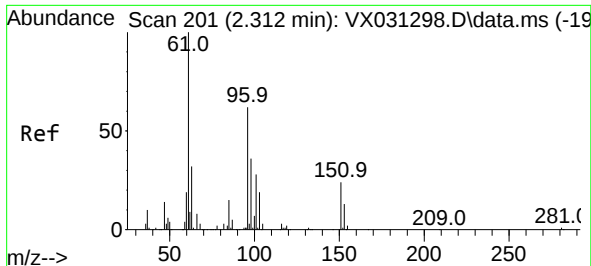
Tgt Ion:142 Resp: 647
Ion Ratio Lower Upper
142 100
127 16.7 33.3 49.9#
141 4.3 12.0 18.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 59 Resp: 1764
Ion Ratio Lower Upper
59 100
57 7.4 8.5 12.7#





#12

1,1-Dichloroethene

Concen: 0.438 ug/l

RT: 2.324 min Scan# 201

Delta R.T. 0.012 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

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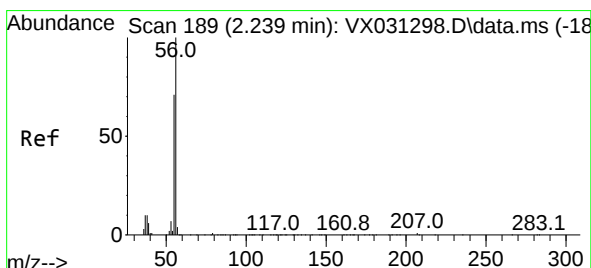
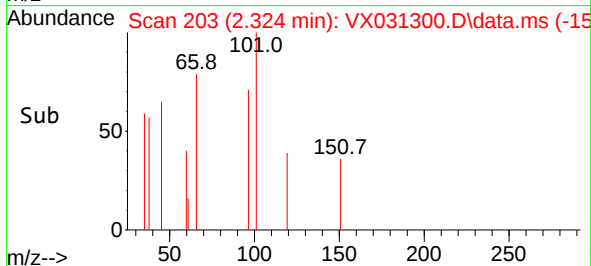
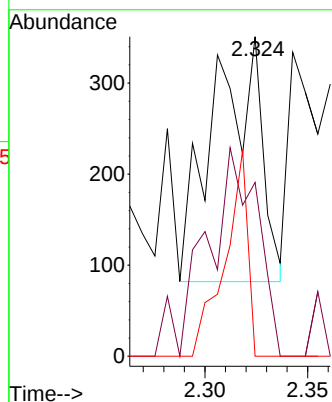
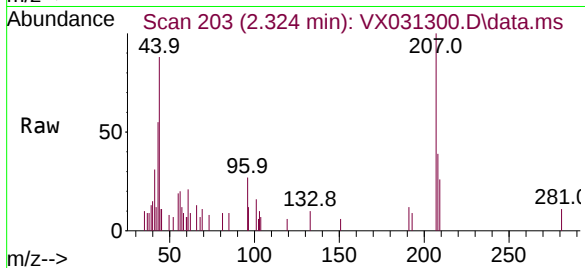
Tgt Ion: 96 Resp: 440

Ion Ratio Lower Upper

96 100

61 71.0 128.7 193.1#

98 0.0 46.7 70.1#



#13

Acrolein

Concen: 4.929 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

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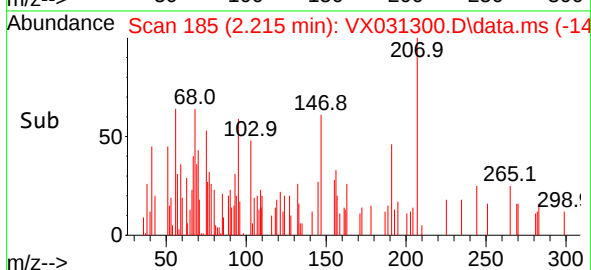
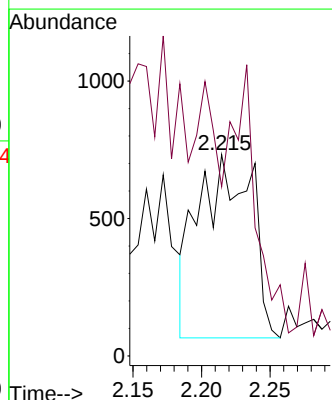
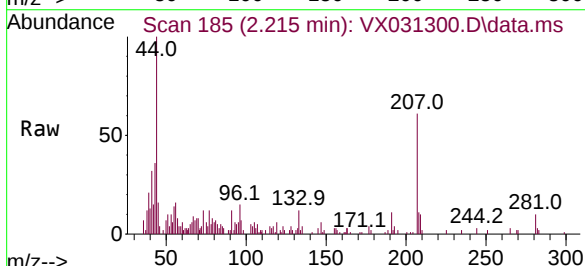
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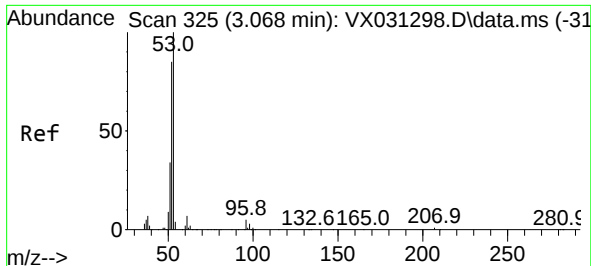
Tgt Ion: 56 Resp: 1792

Ion Ratio Lower Upper

56 100

55 69.4 60.6 90.8





#15

Acrylonitrile

Concen: 0.719 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

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IBLK

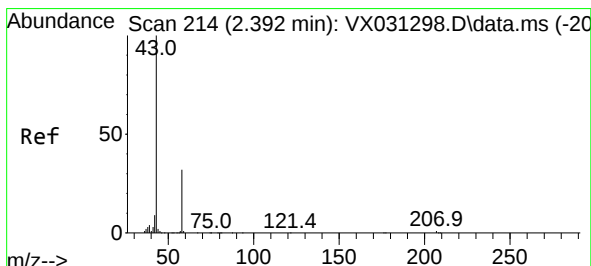
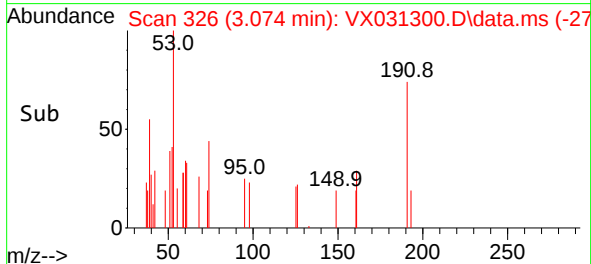
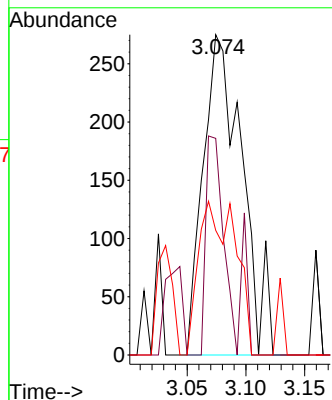
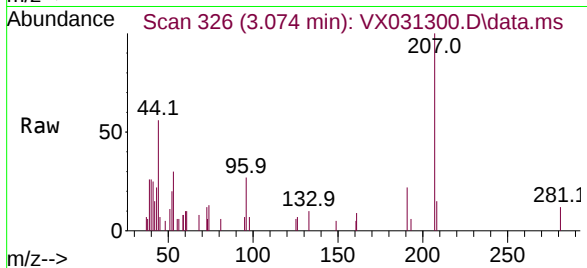
Tgt Ion: 53 Resp: 632

Ion Ratio Lower Upper

53 100

52 30.9 66.7 100.1#

51 45.7 28.2 42.2#



#16

Acetone

Concen: 0.525 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031300.D

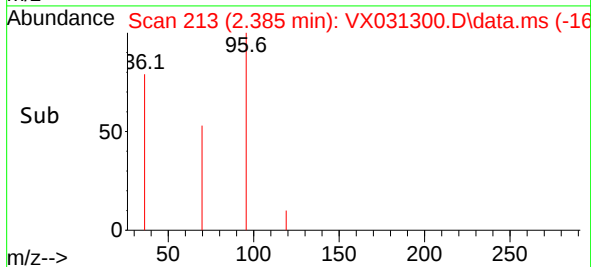
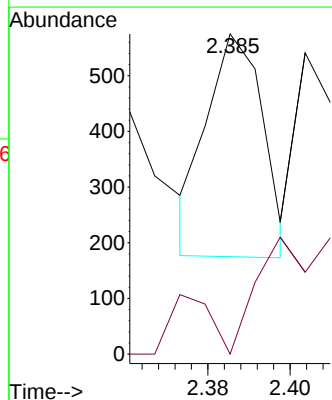
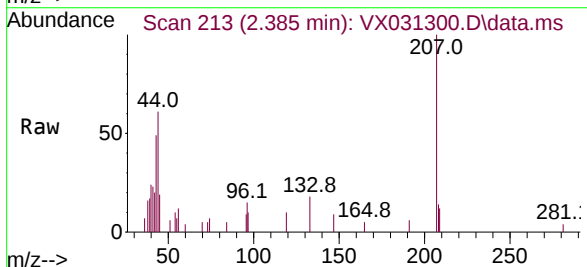
Acq: 13 Sep 2022 19:27

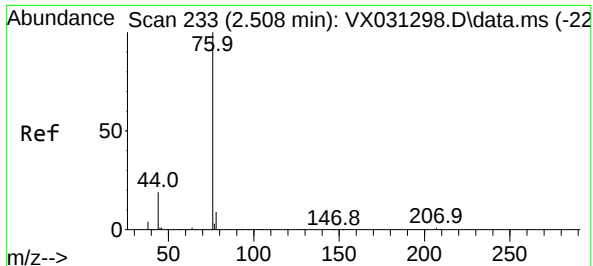
Tgt Ion: 43 Resp: 378

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#

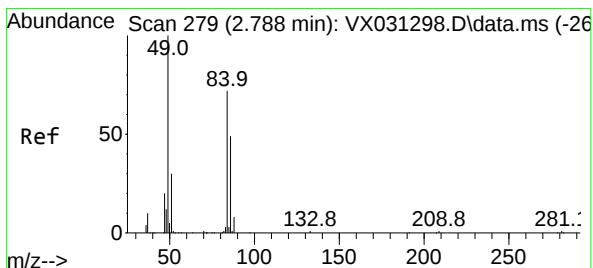
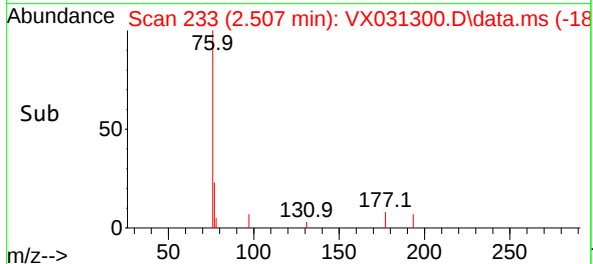
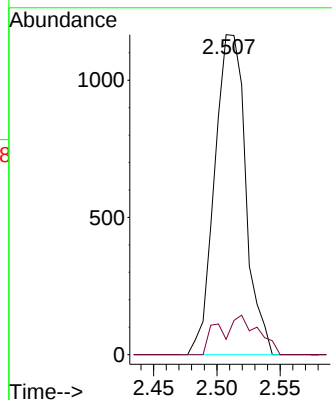
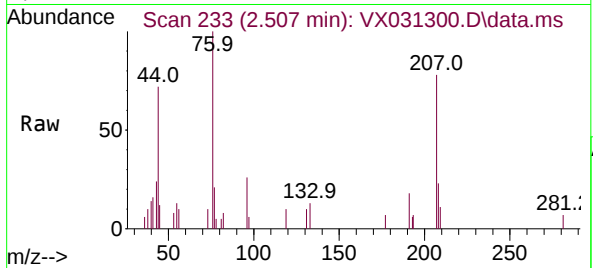




#17
Carbon Disulfide
Concen: 4.427 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

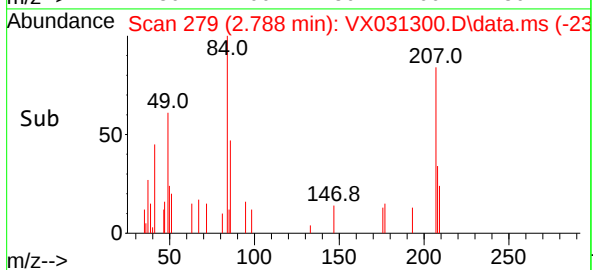
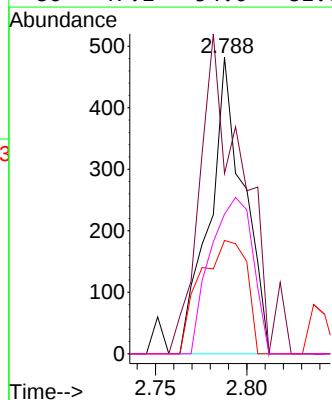
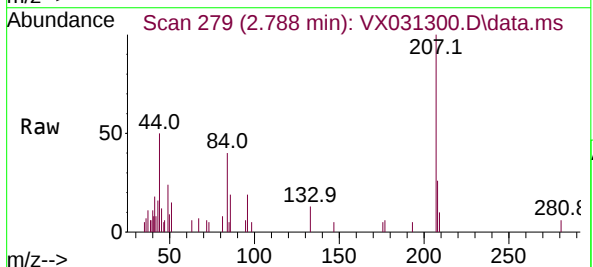
Instrument :
MSVOA_X
ClientSampleId :
IBLK

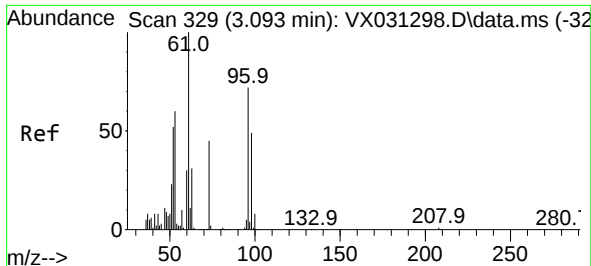
Tgt Ion: 76 Resp: 1990
Ion Ratio Lower Upper
76 100
78 4.8 7.4 11.2#



#20
Methylene Chloride
Concen: 0.507 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 84 Resp: 624
Ion Ratio Lower Upper
84 100
49 48.1 111.0 166.4#
51 38.2 33.7 50.5
86 47.1 54.0 81.0#

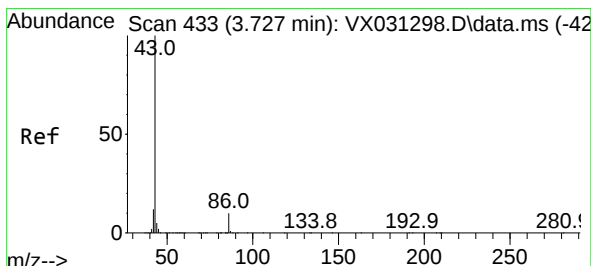
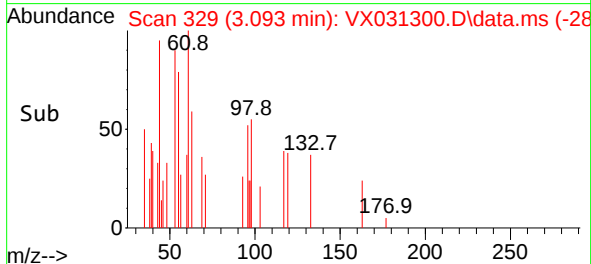
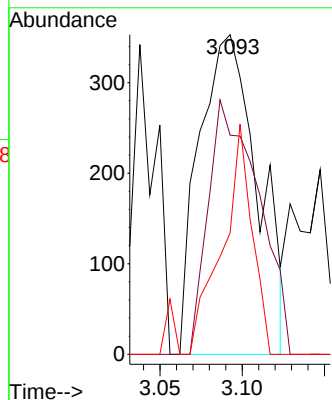
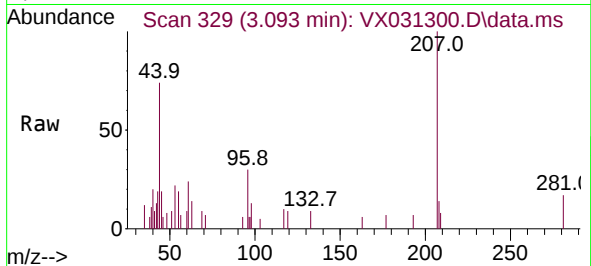




#21
trans-1,2-Dichloroethene
Concen: 0.767 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

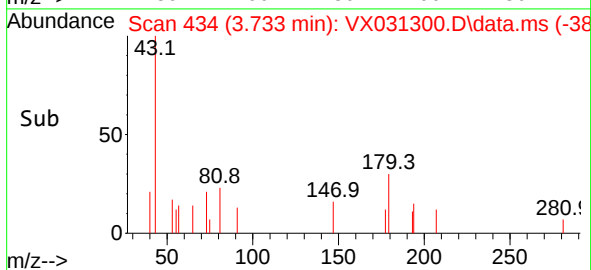
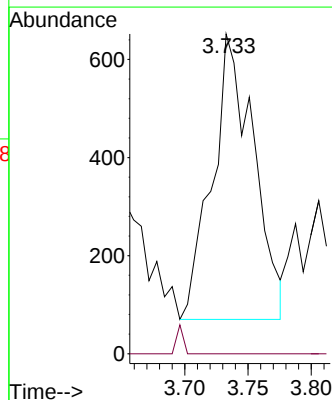
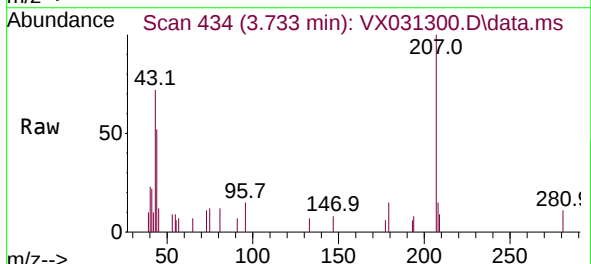
Instrument :
MSVOA_X
ClientSampleId :
IBLK

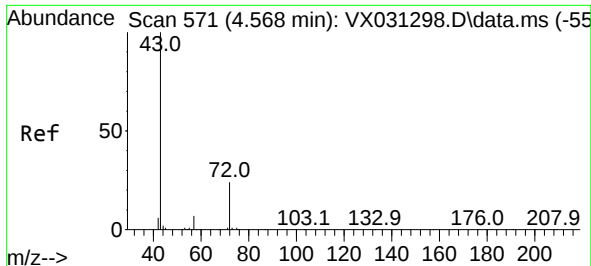
Tgt Ion: 96 Resp: 876
Ion Ratio Lower Upper
96 100
61 94.2 110.6 166.0#
98 52.1 54.0 81.0#



#23
Vinyl Acetate
Concen: 0.317 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.006 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 43 Resp: 1324
Ion Ratio Lower Upper
43 100
86 0.0 7.7 11.5#





#25

2-Butanone

Concen: 0.231 ug/l

RT: 4.568 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

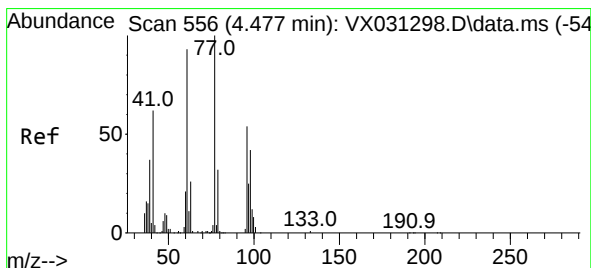
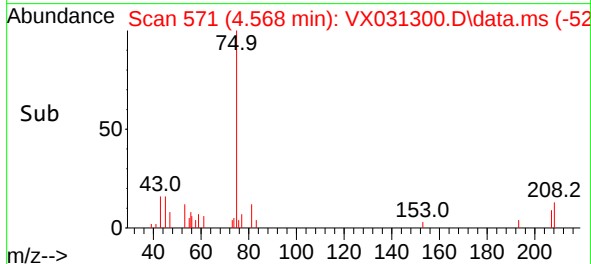
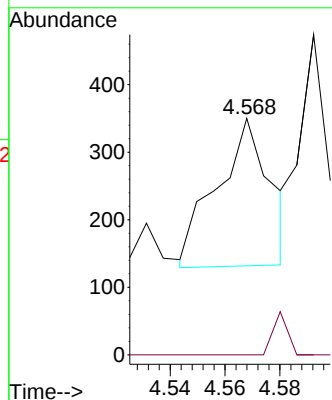
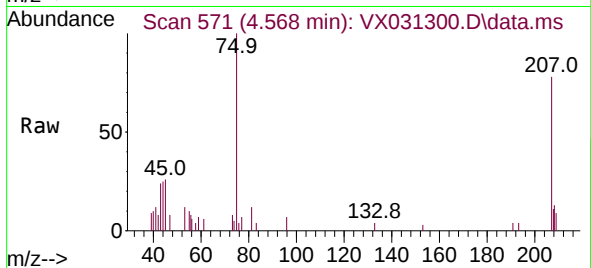
IBLK

Tgt Ion: 43 Resp: 294

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.220 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.103 min

Lab File: VX031300.D

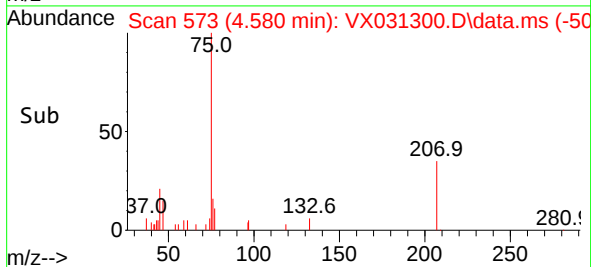
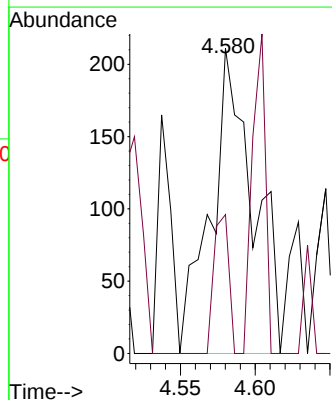
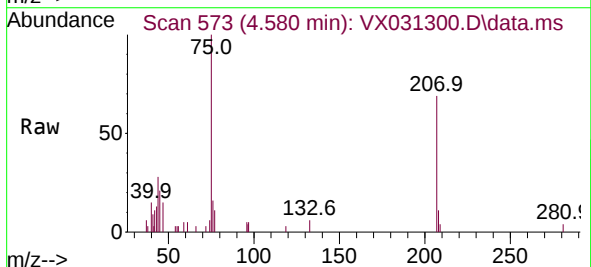
Acq: 13 Sep 2022 19:27

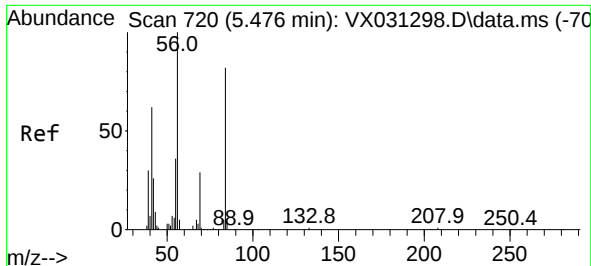
Tgt Ion: 77 Resp: 414

Ion Ratio Lower Upper

77 100

97 16.2 13.0 38.9

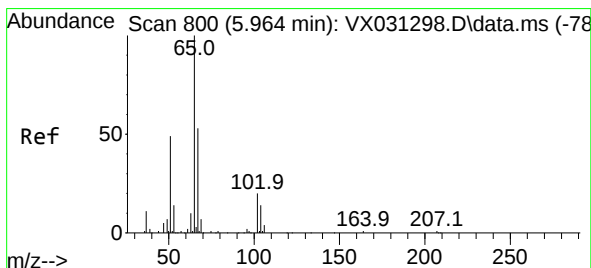
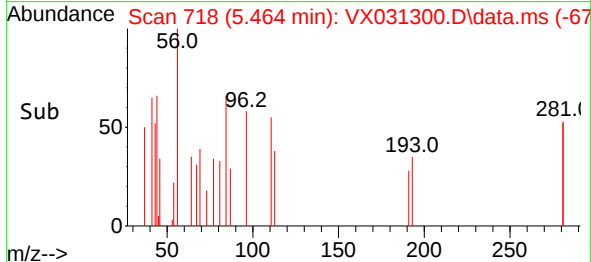
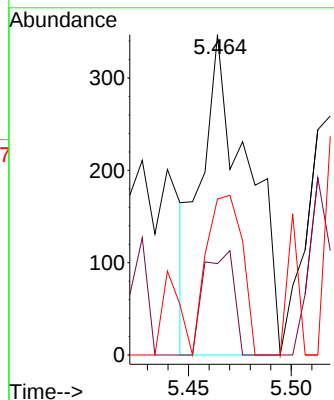
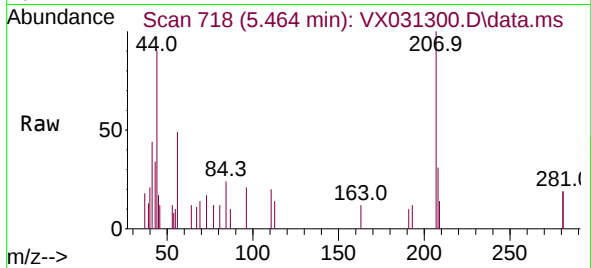




#31
Cyclohexane
Concen: 0.303 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

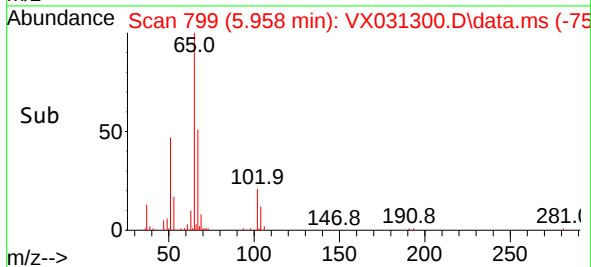
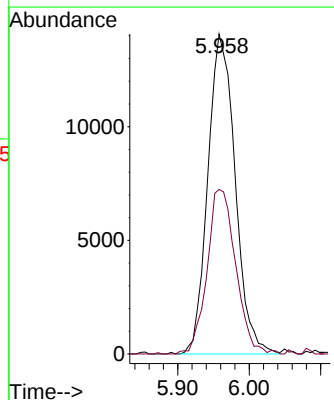
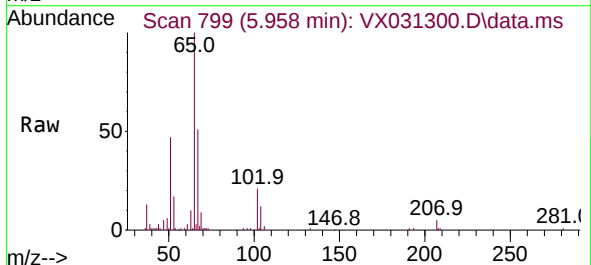
Instrument :
MSVOA_X
ClientSampleId :
IBLK

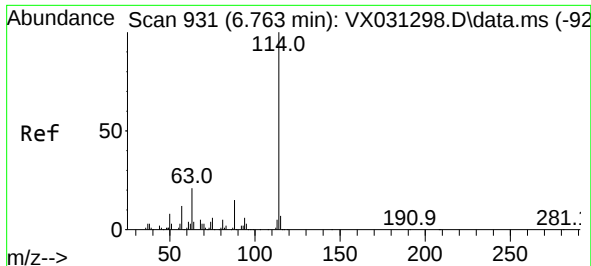
Tgt Ion: 56 Resp: 555
Ion Ratio Lower Upper
56 100
69 28.5 23.0 34.4
84 48.7 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 28.115 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 65 Resp: 37390
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.2

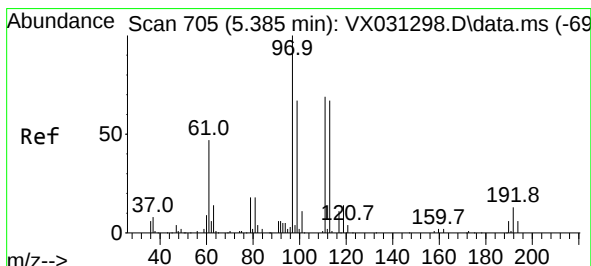
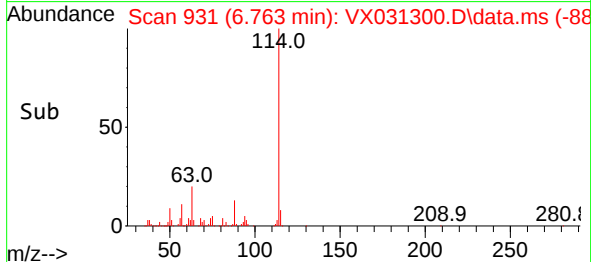
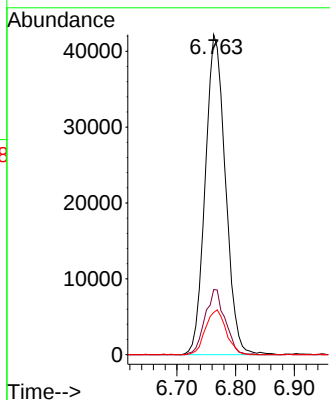
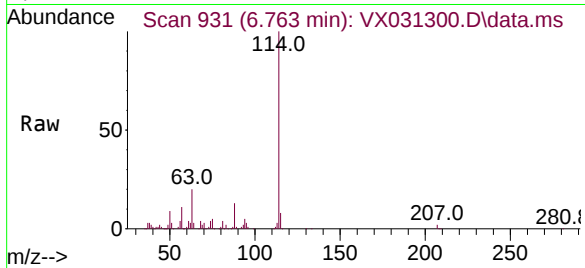




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

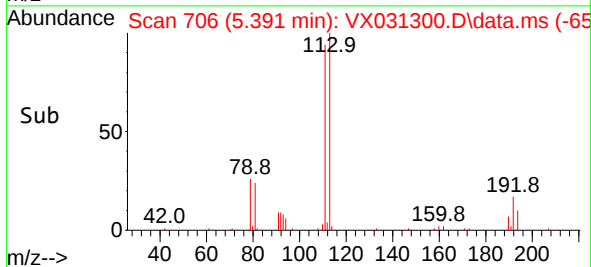
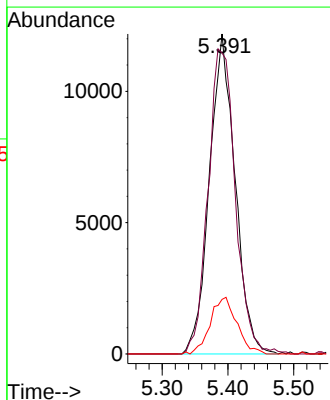
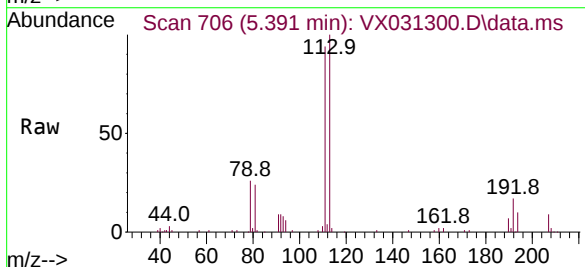
Instrument :
MSVOA_X
ClientSampleId :
IBLK

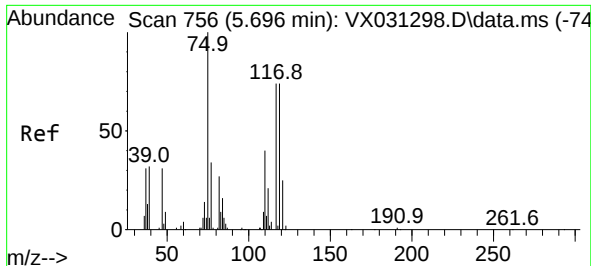
Tgt Ion:114 Resp: 100628
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 13.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 27.652 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion:113 Resp: 33041
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 18.4 16.0 24.0

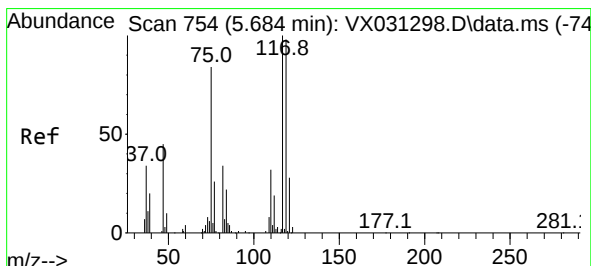
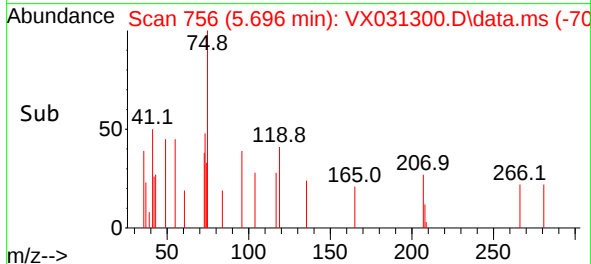
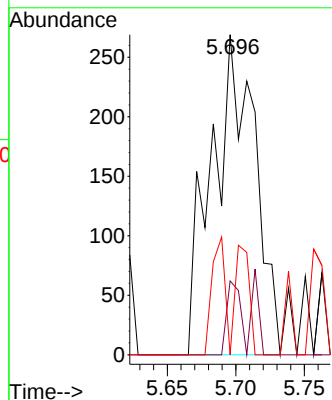
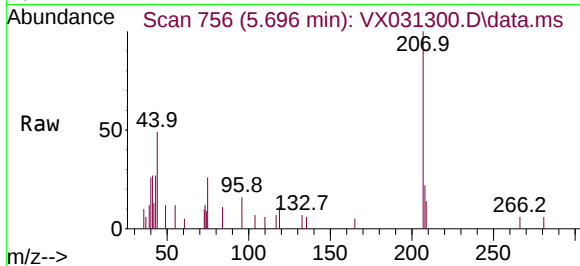




#36
1,1-Dichloropropene
Concen: 0.360 ug/l
RT: 5.696 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

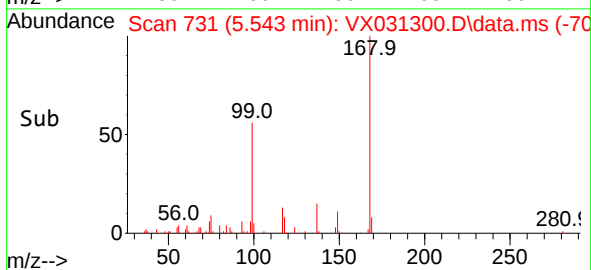
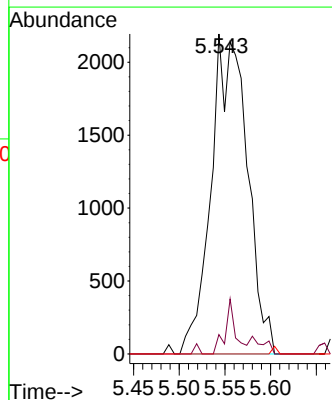
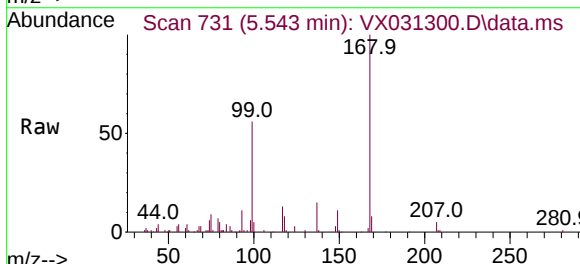
Instrument :
MSVOA_X
ClientSampleId :
IBLK

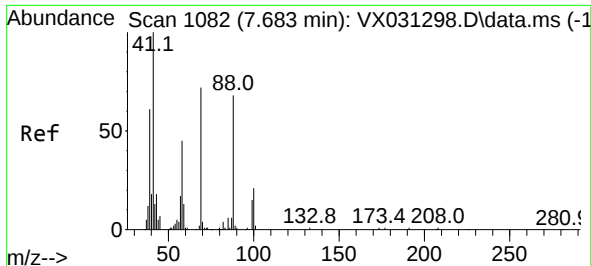
Tgt Ion: 75 Resp: 591
Ion Ratio Lower Upper
75 100
110 7.1 18.5 55.5#
77 11.0 25.5 38.3#



#38
Carbon Tetrachloride
Concen: 3.413 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 117 Resp: 6025
Ion Ratio Lower Upper
117 100
119 6.1 77.6 116.4#
121 0.0 22.0 33.0#





#49

1,4-Dioxane

Concen: 1.688 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.268 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

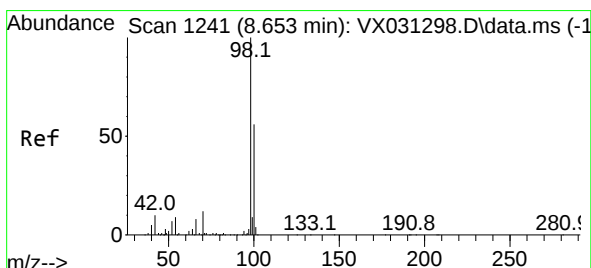
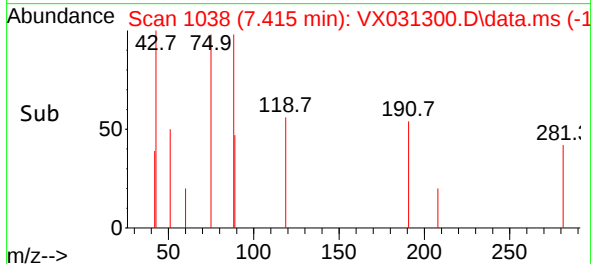
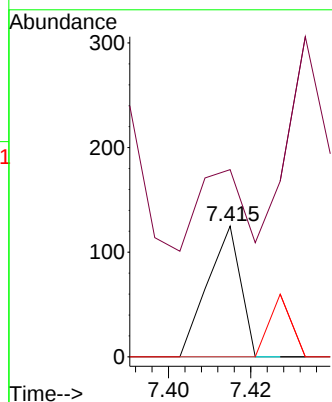
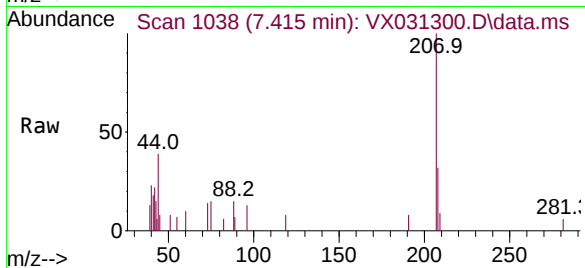
Tgt Ion: 88 Resp: 69

Ion Ratio Lower Upper

88 100

43 276.8 27.2 40.8#

58 31.9 52.0 78.0#



#50

Toluene-d8

Concen: 28.216 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031300.D

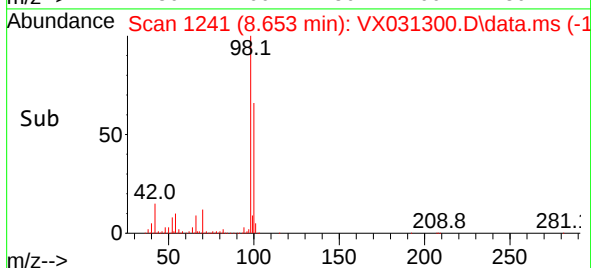
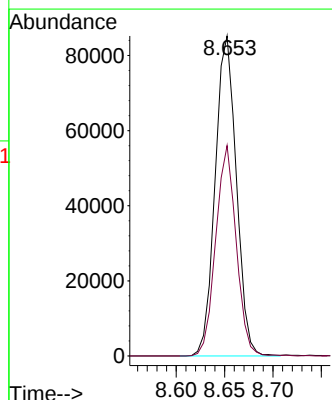
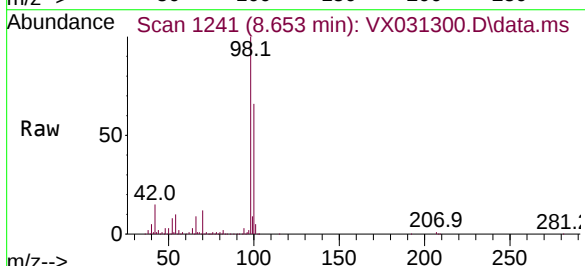
Acq: 13 Sep 2022 19:27

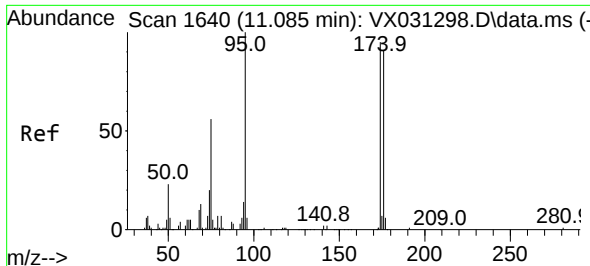
Tgt Ion: 98 Resp: 129431

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.2

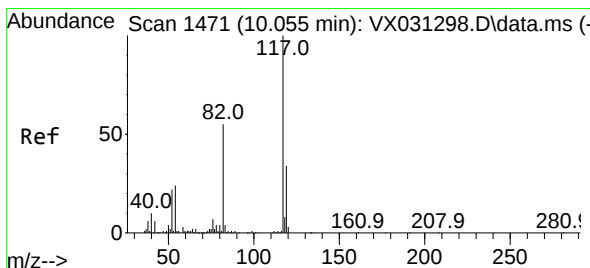
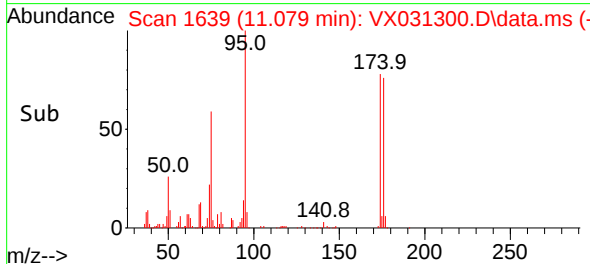
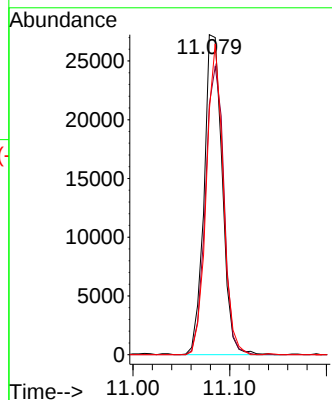
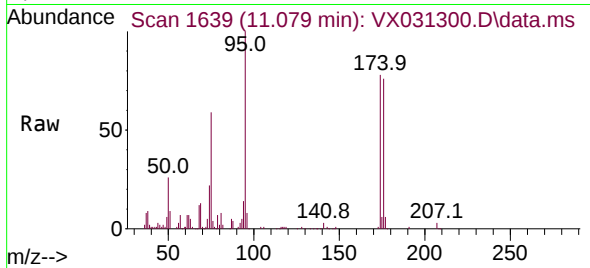




#62
4-Bromofluorobenzene
Concen: 24.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

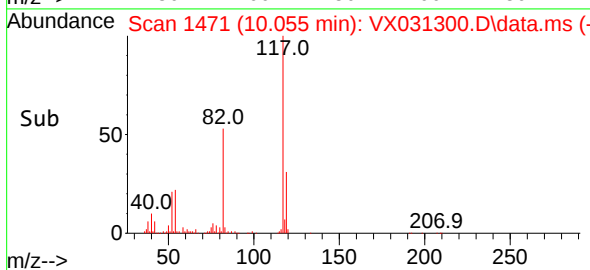
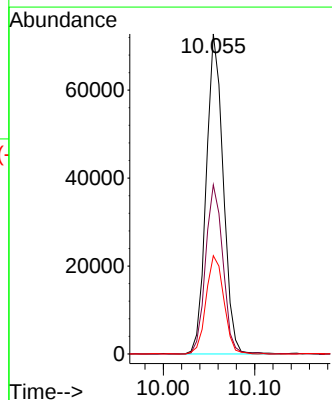
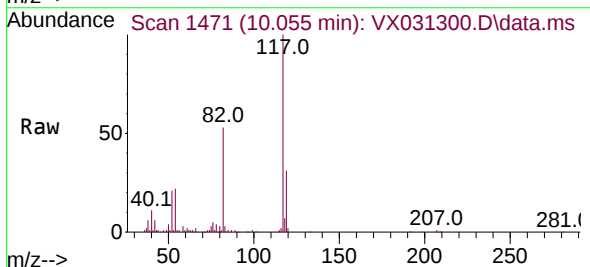
Instrument :
MSVOA_X
ClientSampleId :
IBLK

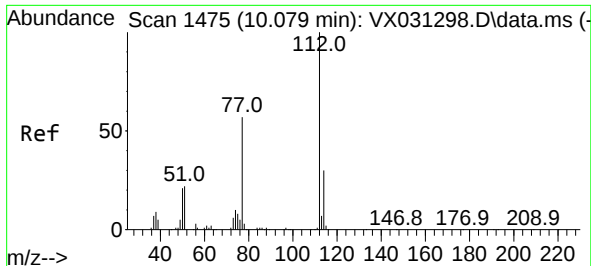
Tgt Ion: 95 Resp: 35575
Ion Ratio Lower Upper
95 100
174 91.5 0.0 179.8
176 90.2 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 117 Resp: 93623
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.4
119 30.7 27.0 40.4

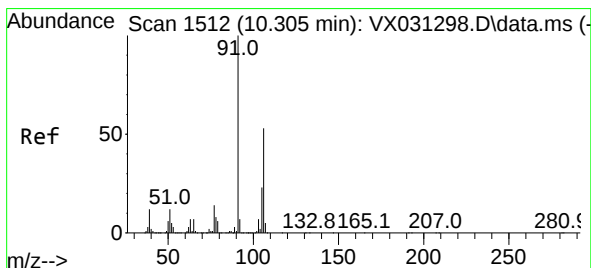
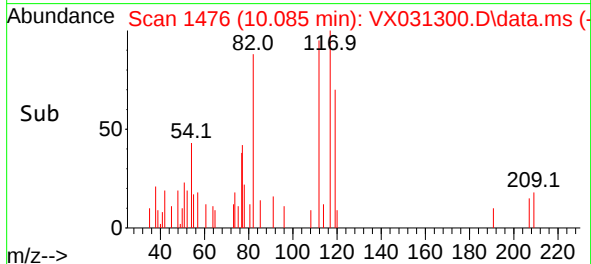
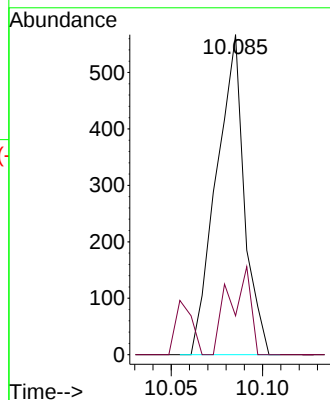
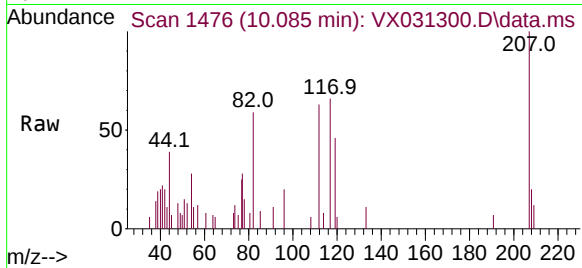




#65
Chlorobenzene
Concen: 0.203 ug/l
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

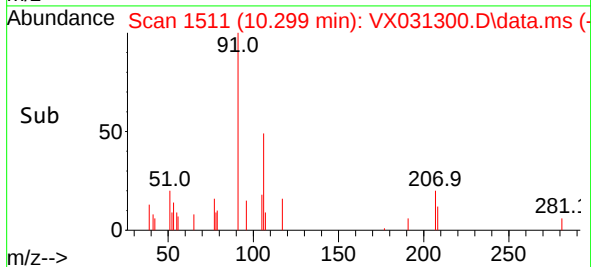
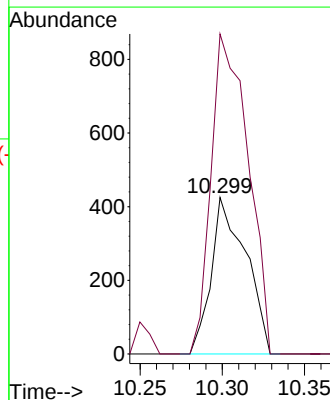
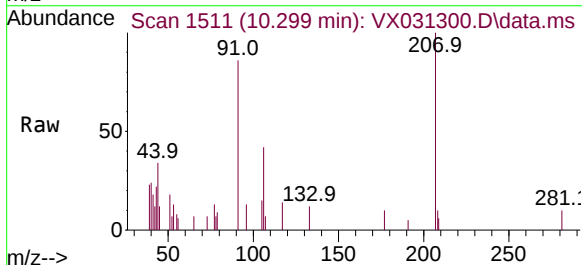
Instrument :
MSVOA_X
ClientSampleId :
IBLK

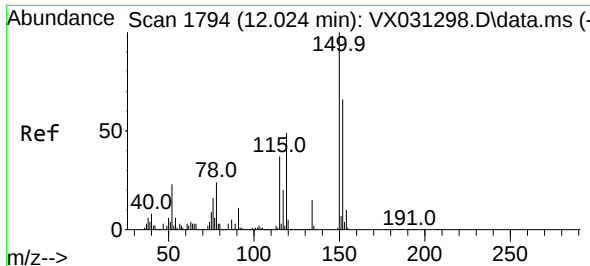
Tgt Ion:112 Resp: 602
Ion Ratio Lower Upper
112 100
114 12.2 23.7 35.5#



#68
m/p-Xylenes
Concen: 0.292 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion:106 Resp: 623
Ion Ratio Lower Upper
106 100
91 218.8 153.4 230.0

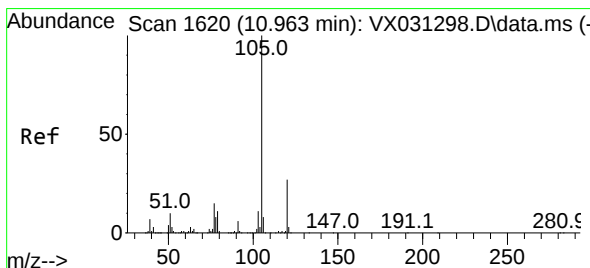
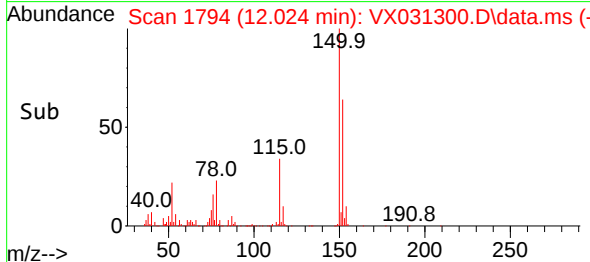
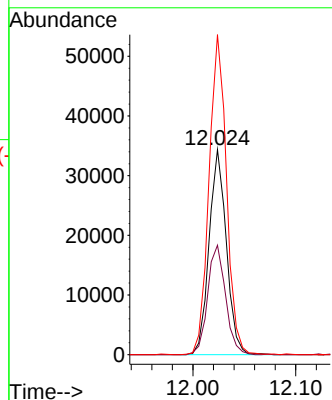
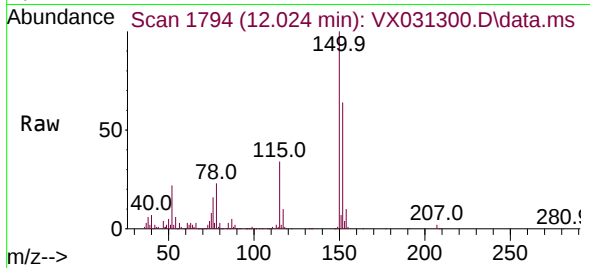




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

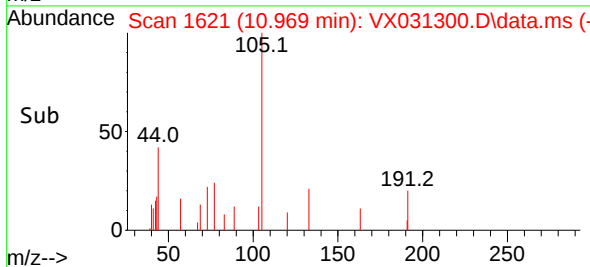
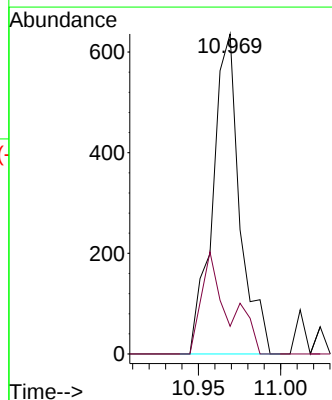
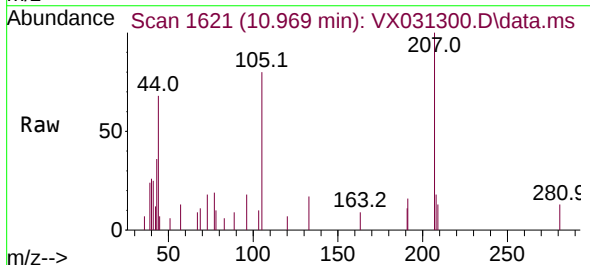
Instrument :
MSVOA_X
ClientSampleId :
IBLK

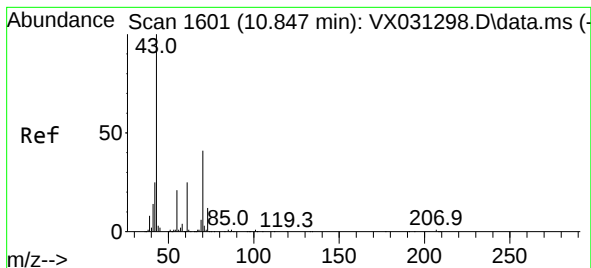
Tgt Ion:152 Resp: 40120
Ion Ratio Lower Upper
152 100
115 55.3 39.8 119.3
150 157.6 0.0 347.6



#73
Isopropylbenzene
Concen: 0.237 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion:105 Resp: 734
Ion Ratio Lower Upper
105 100
120 31.9 13.6 40.7





#74

N-amy1 acetate

Concen: 0.462 ug/l

RT: 10.853 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 43 Resp: 821

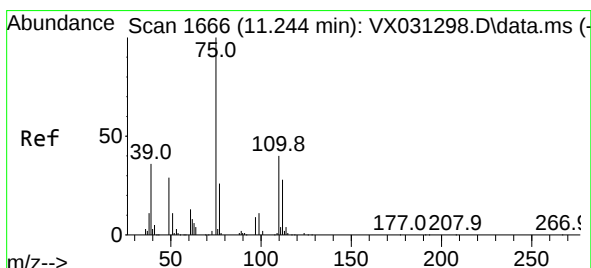
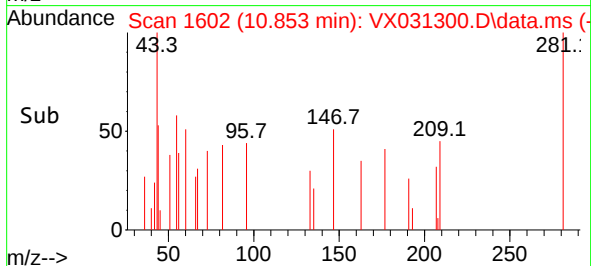
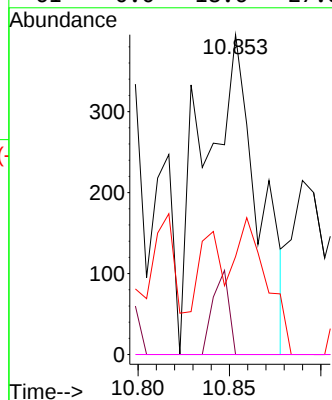
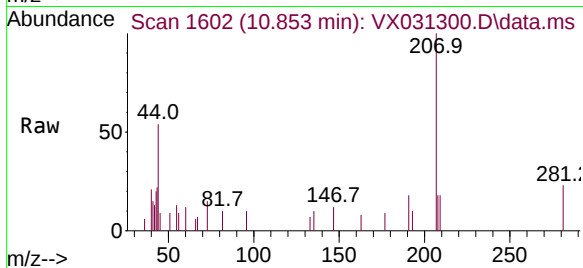
Ion Ratio Lower Upper

43 100

70 0.0 30.5 45.7#

55 25.2 16.6 25.0#

61 0.0 18.6 27.8#



#76

1,2,3-Trichloropropane

Concen: 19.762 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX031300.D

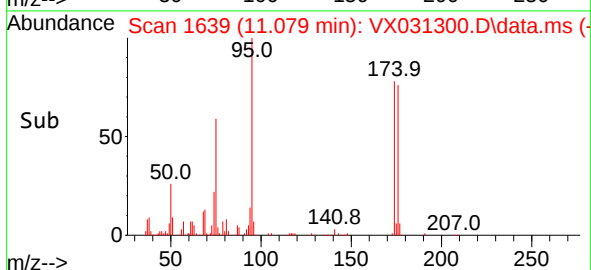
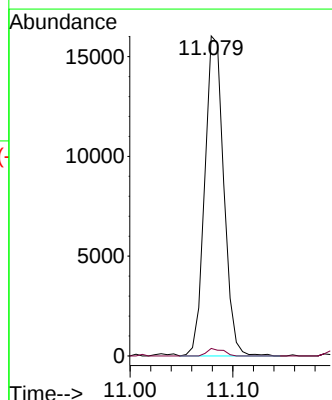
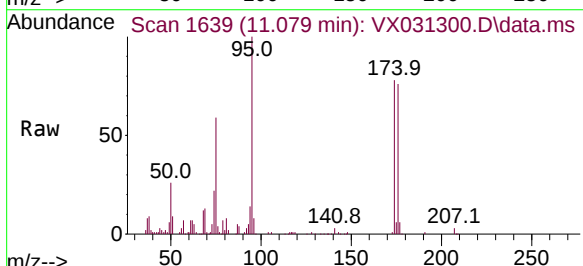
Acq: 13 Sep 2022 19:27

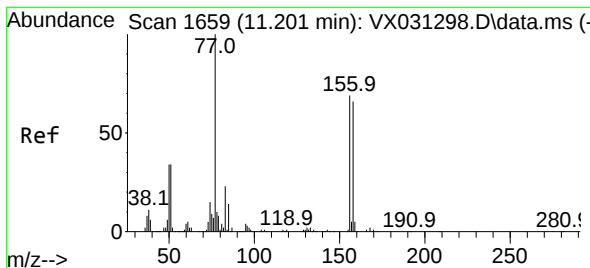
Tgt Ion: 75 Resp: 20644

Ion Ratio Lower Upper

75 100

77 2.0 20.6 61.9#





#77

Bromobenzene

Concen: 0.268 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

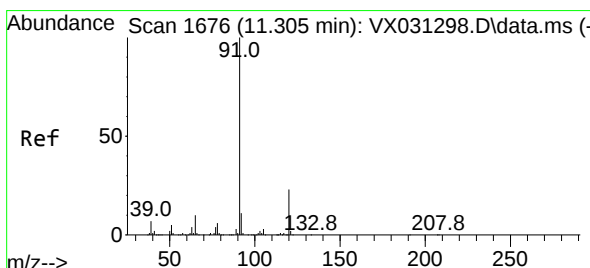
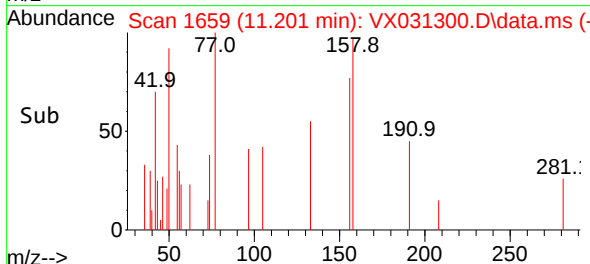
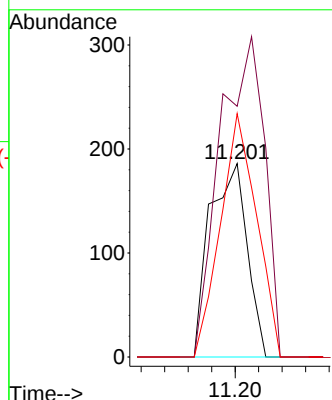
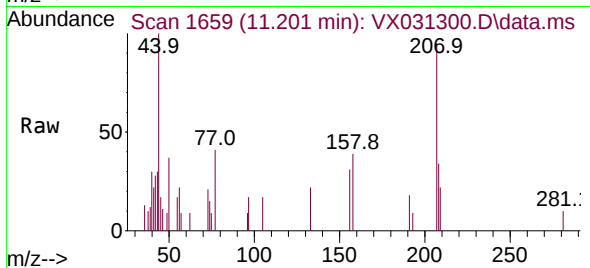
Tgt Ion:156 Resp: 204

Ion Ratio Lower Upper

156 100

77 198.5 73.0 218.9

158 122.5 45.7 137.1



#78

n-propylbenzene

Concen: 0.388 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031300.D

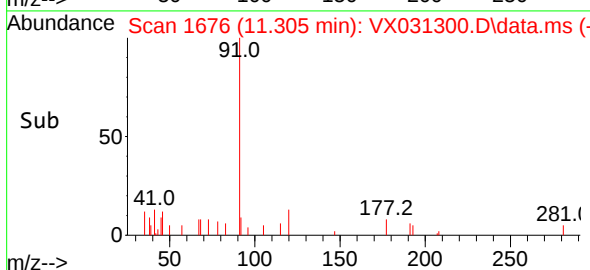
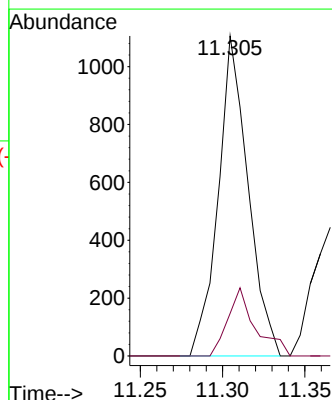
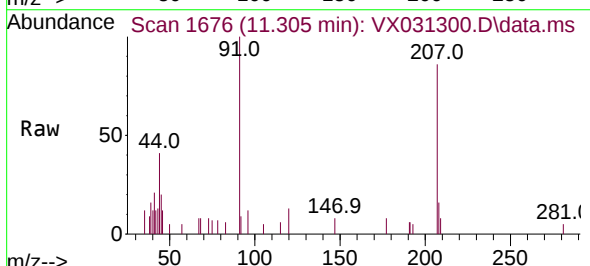
Acq: 13 Sep 2022 19:27

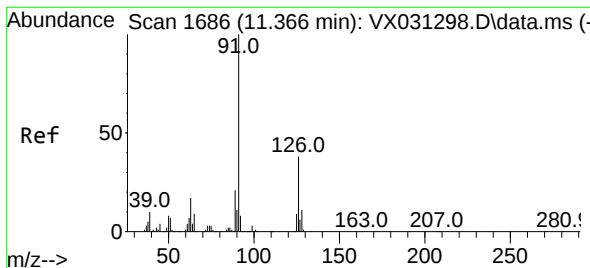
Tgt Ion: 91 Resp: 1398

Ion Ratio Lower Upper

91 100

120 19.7 11.8 35.3





#79

2-Chlorotoluene

Concen: 0.382 ug/l

RT: 11.365 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

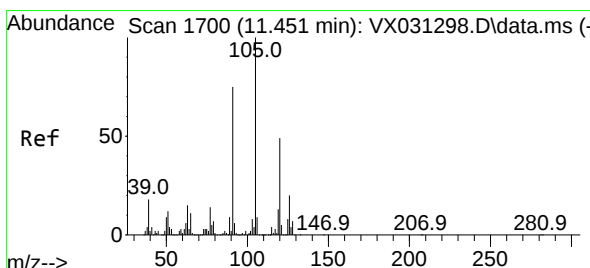
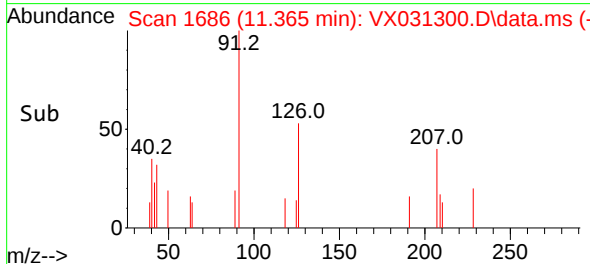
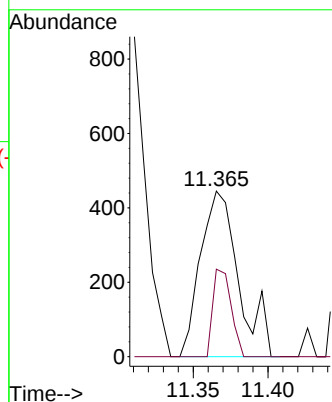
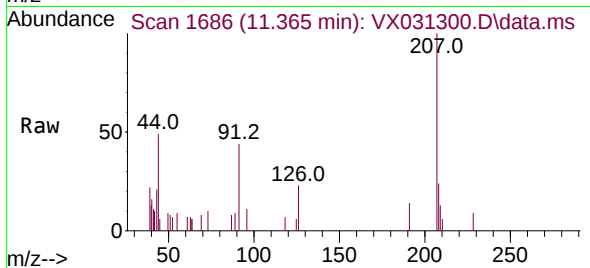
IBLK

Tgt Ion: 91 Resp: 785

Ion Ratio Lower Upper

91 100

126 25.2 18.9 56.9



#80

1,3,5-Trimethylbenzene

Concen: 0.282 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX031300.D

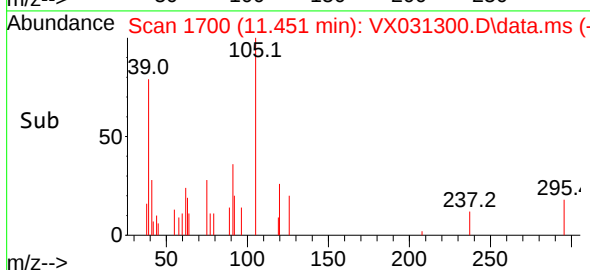
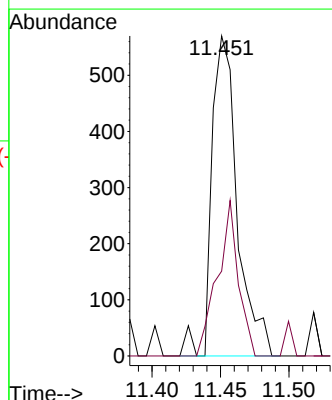
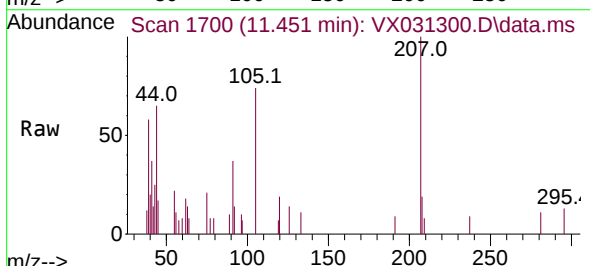
Acq: 13 Sep 2022 19:27

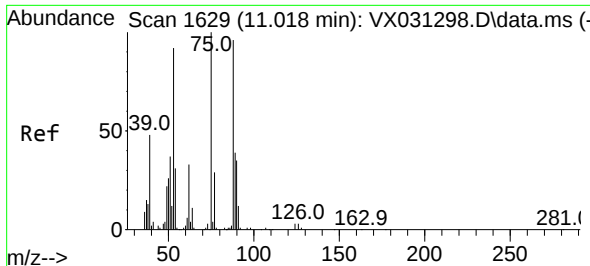
Tgt Ion: 105 Resp: 736

Ion Ratio Lower Upper

105 100

120 39.7 25.3 75.9

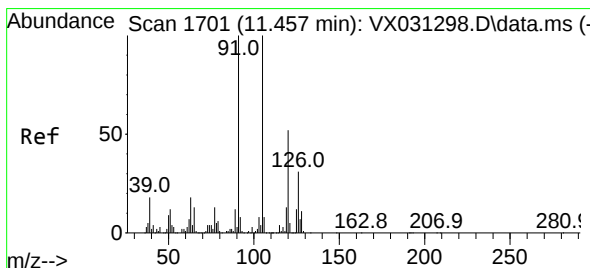
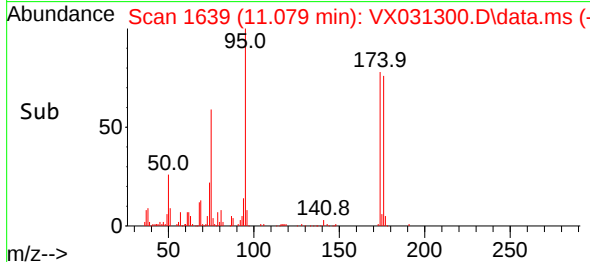
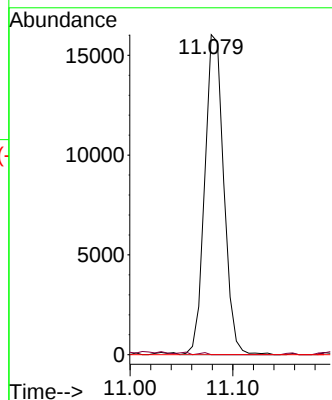
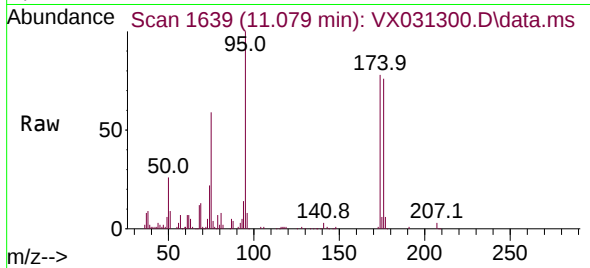




#81
trans-1,4-Dichloro-2-butene
Concen: 47.071 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

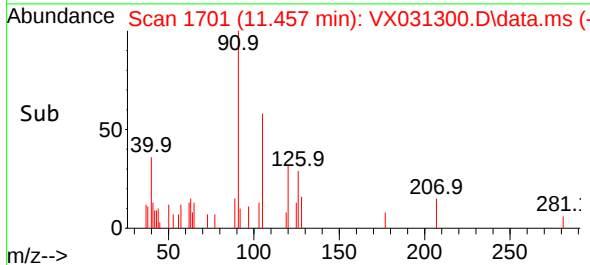
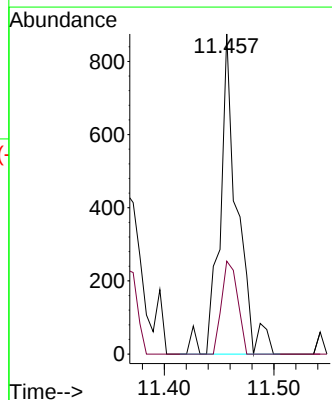
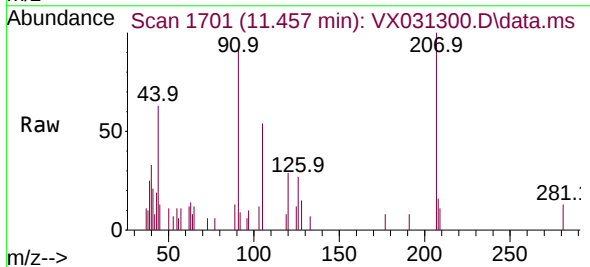
Instrument :
MSVOA_X
ClientSampleId :
IBLK

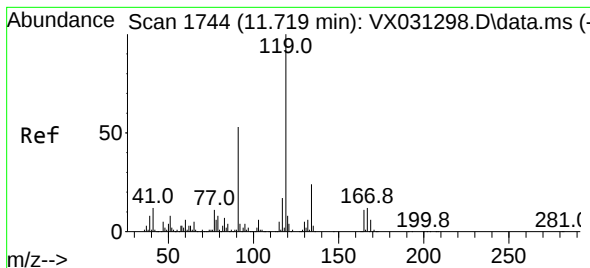
Tgt Ion: 75 Resp: 20644
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.2#
89 0.0 33.6 50.4#



#82
4-Chlorotoluene
Concen: 0.404 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion: 91 Resp: 965
Ion Ratio Lower Upper
91 100
126 26.8 15.5 46.5





#83

tert-Butylbenzene

Concen: 0.283 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

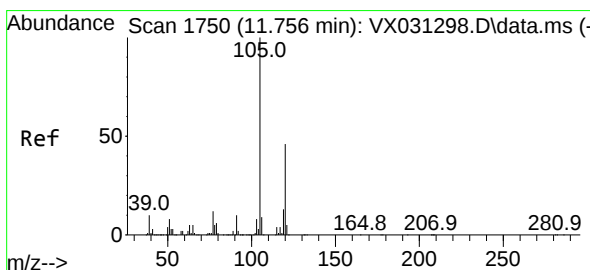
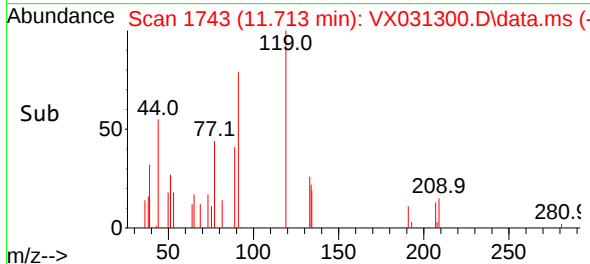
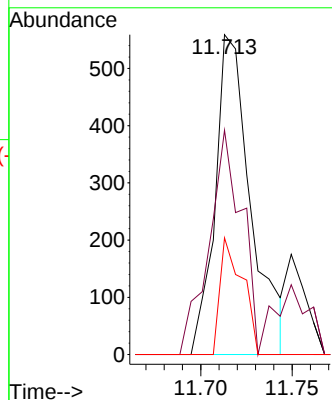
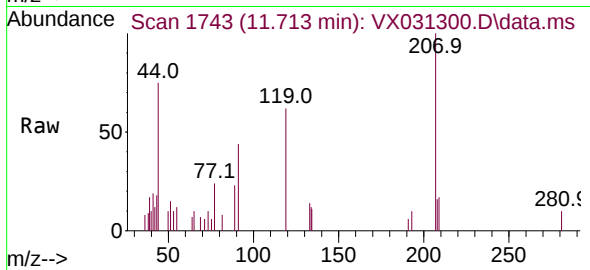
Tgt Ion:119 Resp: 762

Ion Ratio Lower Upper

119 100

91 71.4 27.2 81.5

134 22.7 11.7 35.1



#84

1,2,4-Trimethylbenzene

Concen: 0.309 ug/l

RT: 11.762 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VX031300.D

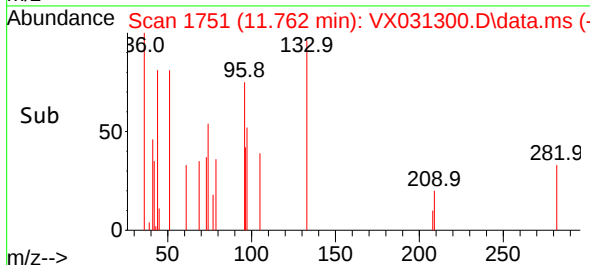
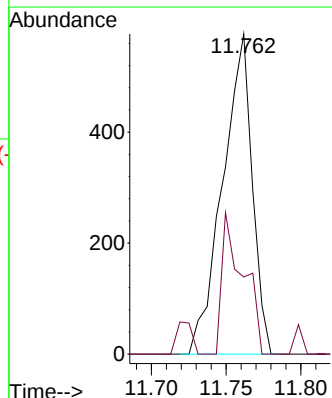
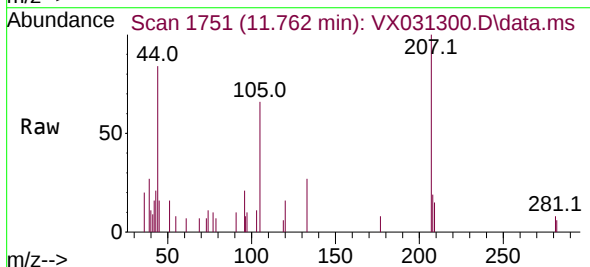
Acq: 13 Sep 2022 19:27

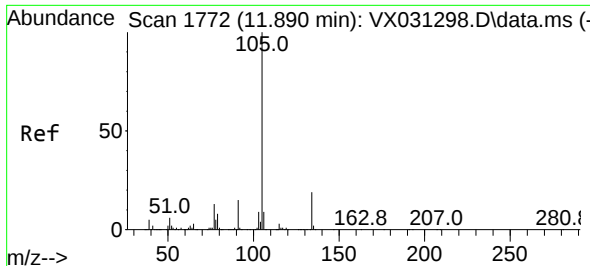
Tgt Ion:105 Resp: 792

Ion Ratio Lower Upper

105 100

120 32.1 22.9 68.8

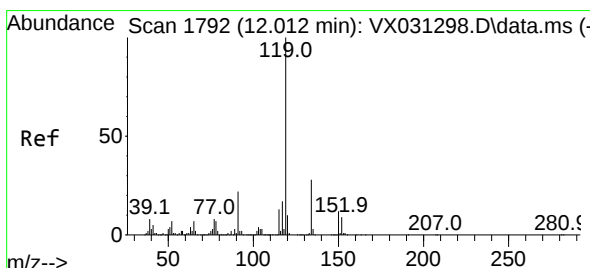
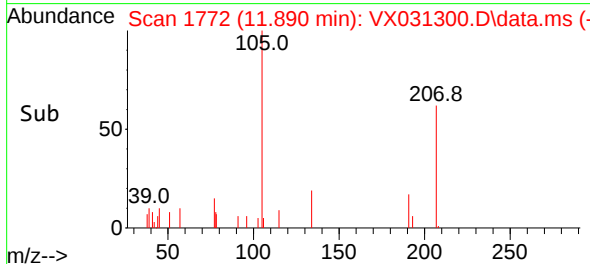
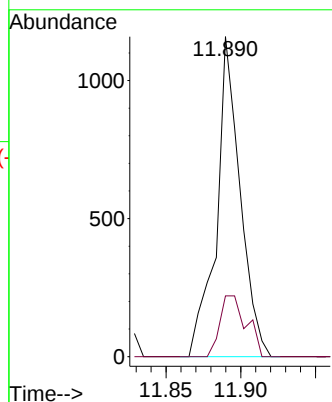
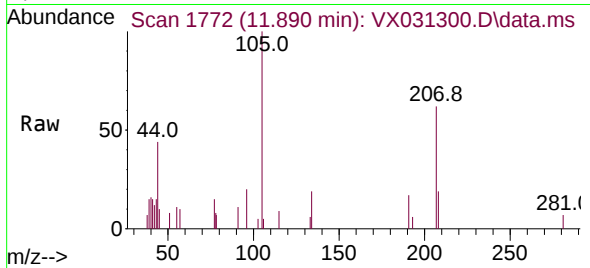




#85
 sec-Butylbenzene
 Concen: 0.383 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031300.D
 Acq: 13 Sep 2022 19:27

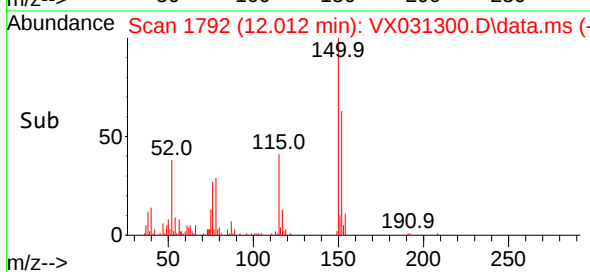
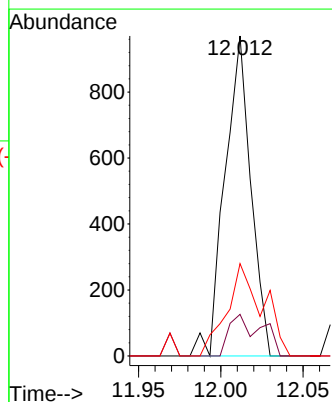
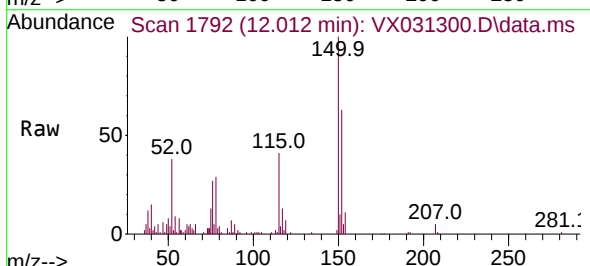
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

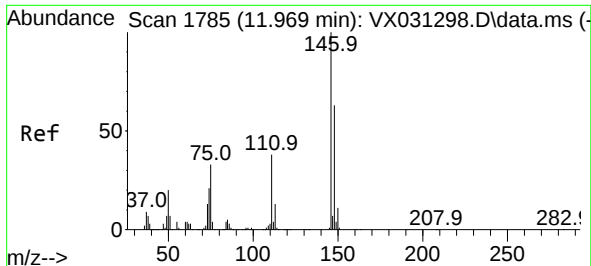
Tgt Ion:105 Resp: 1273
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 0.383 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031300.D
 Acq: 13 Sep 2022 19:27

Tgt Ion:119 Resp: 1066
 Ion Ratio Lower Upper
 119 100
 134 16.0 13.8 41.4
 91 40.0 11.4 34.1#





#87

1,3-Dichlorobenzene

Concen: 0.516 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

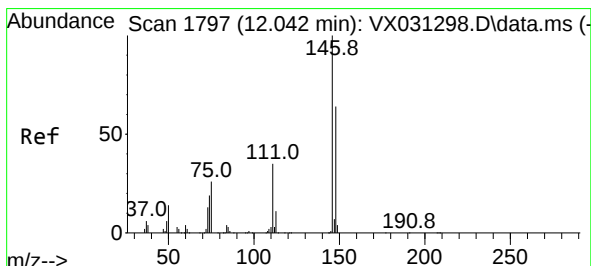
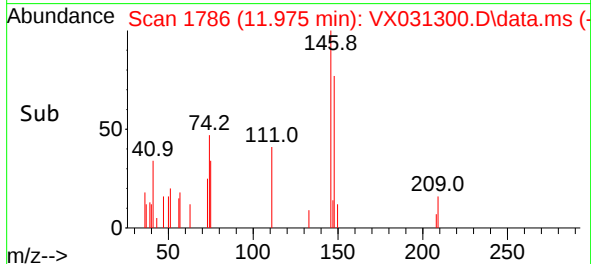
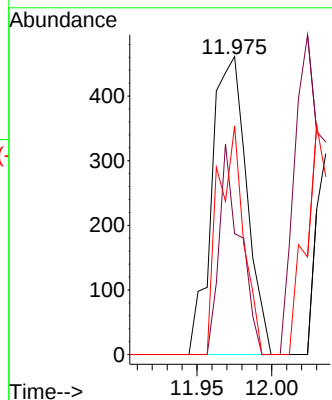
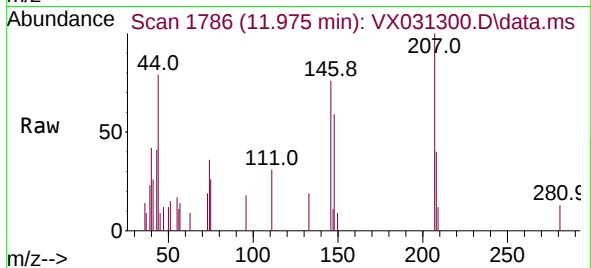
Tgt Ion:146 Resp: 748

Ion Ratio Lower Upper

146 100

111 42.2 18.8 56.3

148 56.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.500 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

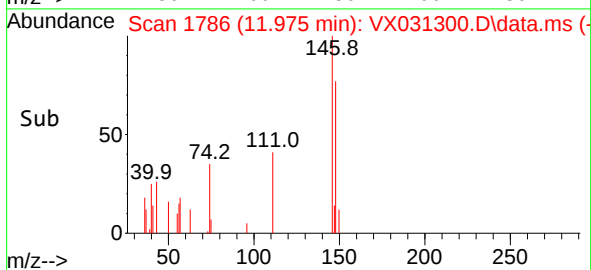
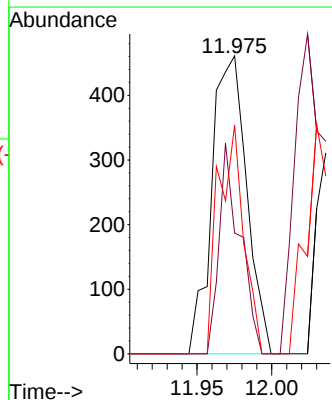
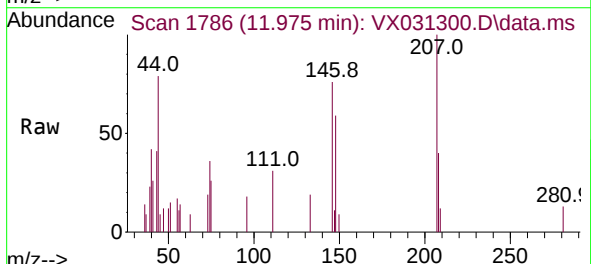
Tgt Ion:146 Resp: 748

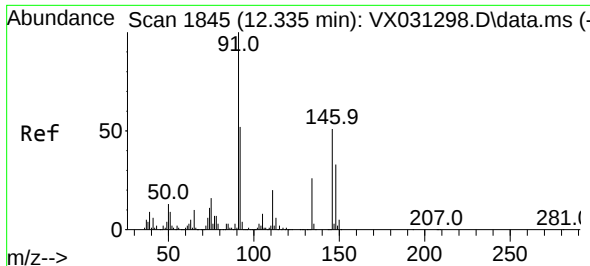
Ion Ratio Lower Upper

146 100

111 42.2 18.0 54.0

148 56.1 31.4 94.2





#89

n-Butylbenzene

Concen: 0.482 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

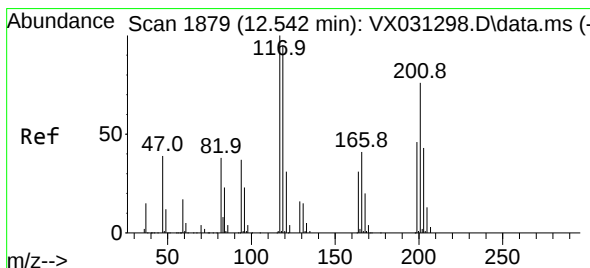
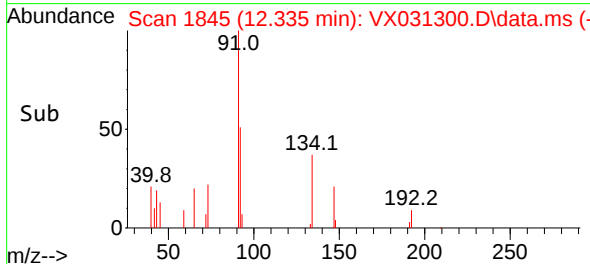
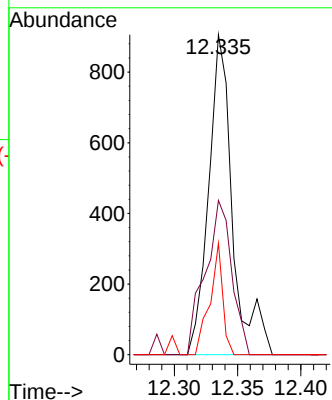
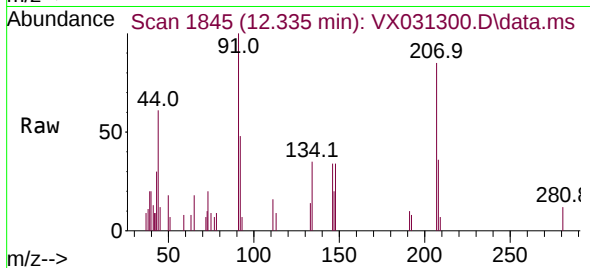
Tgt Ion: 91 Resp: 1188

Ion Ratio Lower Upper

91 100

92 53.7 26.7 80.1

134 18.9 13.0 38.9



#90

Hexachloroethane

Concen: 0.231 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX031300.D

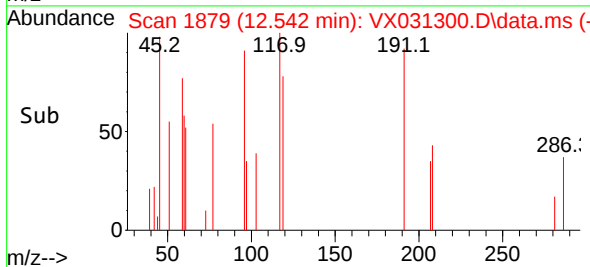
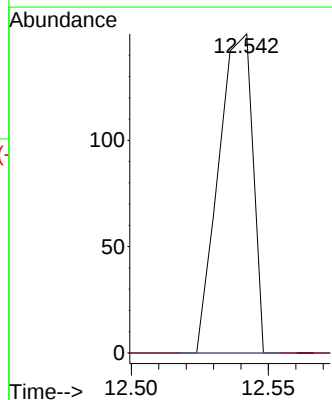
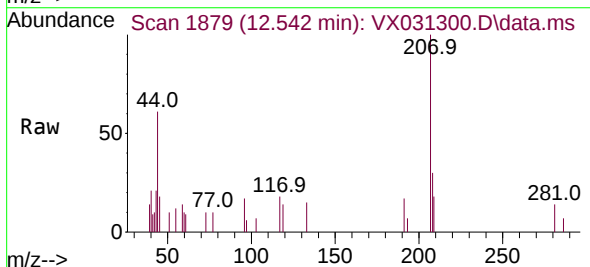
Acq: 13 Sep 2022 19:27

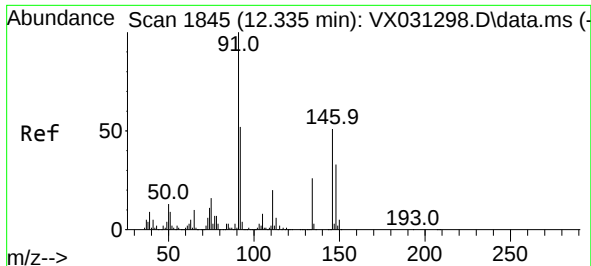
Tgt Ion: 117 Resp: 130

Ion Ratio Lower Upper

117 100

201 0.0 34.6 103.9#





#91

1,2-Dichlorobenzene

Concen: 0.308 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

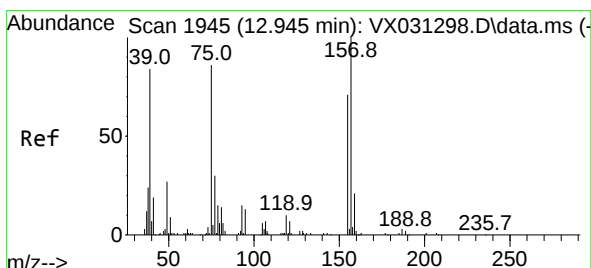
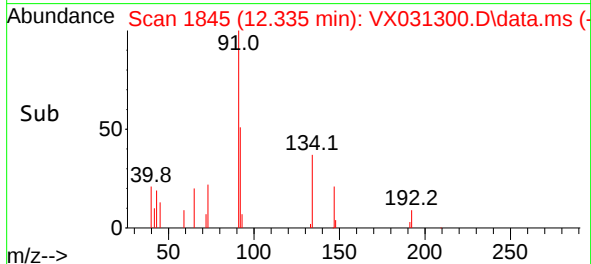
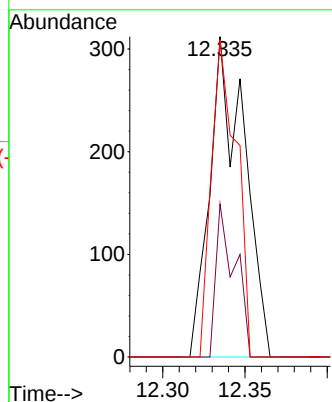
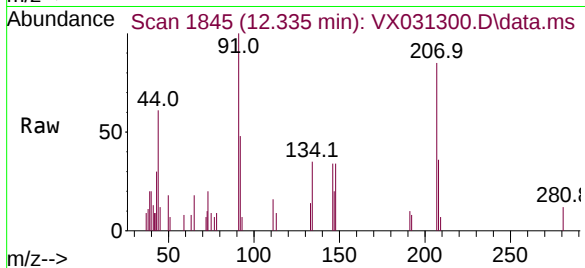
Tgt Ion:146 Resp: 453

Ion Ratio Lower Upper

146 100

111 26.5 19.4 58.2

148 72.2 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 12.957 min Scan# 1947

Delta R.T. 0.012 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

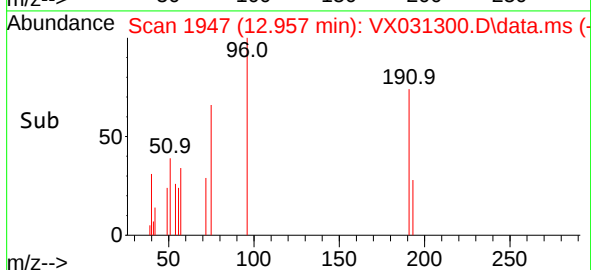
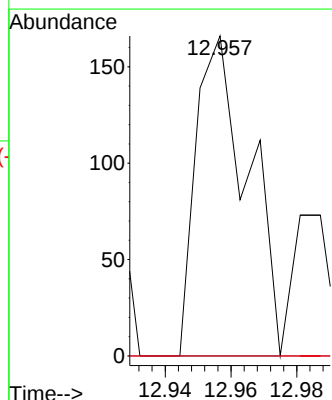
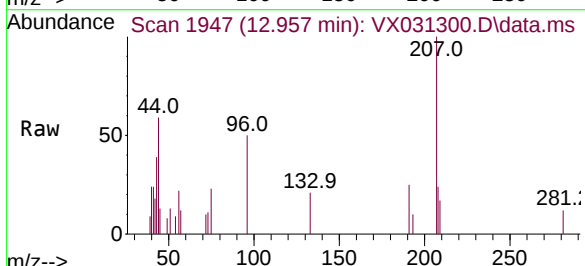
Tgt Ion: 75 Resp: 182

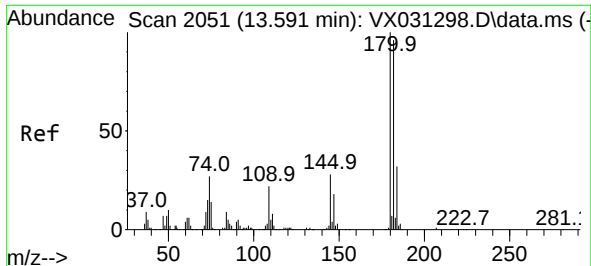
Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.3#

157 0.0 60.2 180.4#

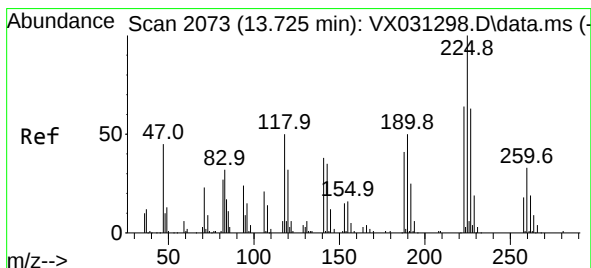
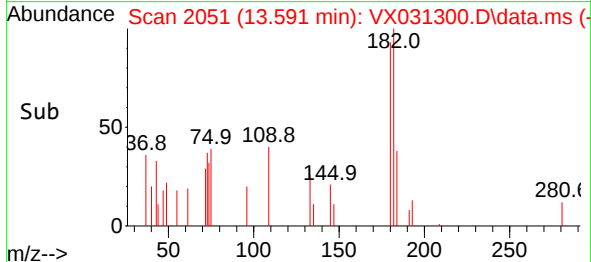
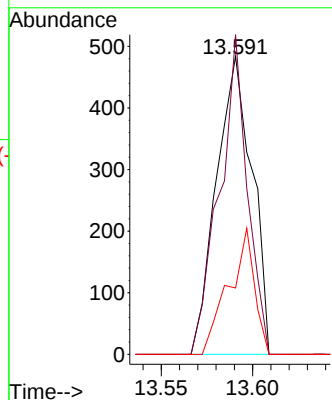
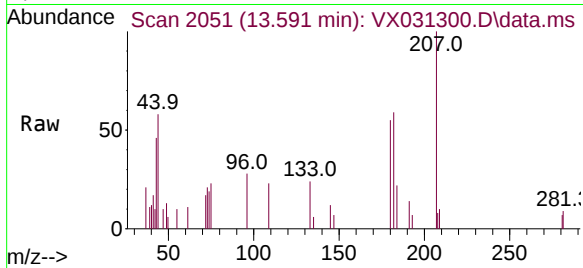




#93
1,2,4-Trichlorobenzene
Concen: 0.786 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

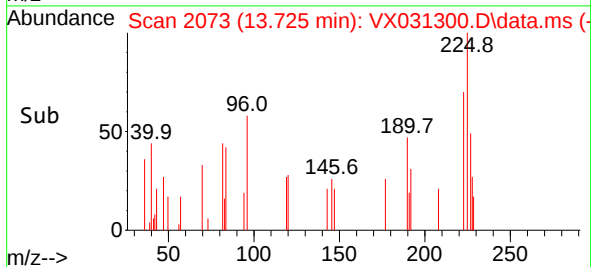
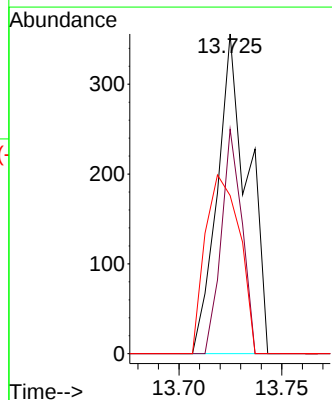
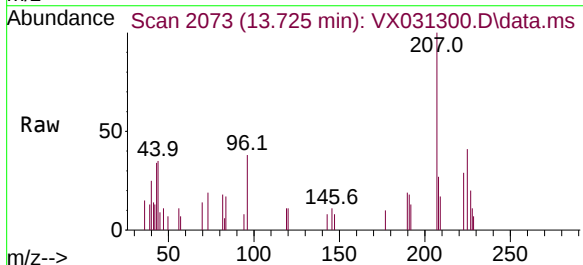
Instrument :
MSVOA_X
ClientSampleId :
IBLK

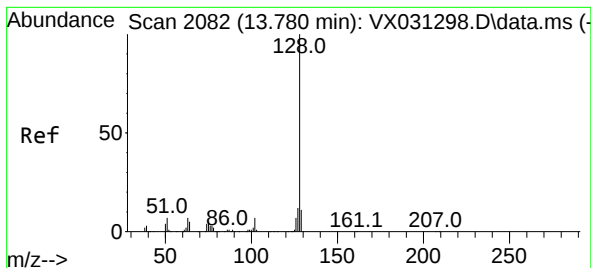
Tgt Ion:	180	Resp:	655
Ion	Ratio	Lower	Upper
180	100		
182	84.4	46.6	139.8
145	30.7	14.4	43.2



#94
Hexachlorobutadiene
Concen: 1.129 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX031300.D
Acq: 13 Sep 2022 19:27

Tgt Ion:	225	Resp:	368
Ion	Ratio	Lower	Upper
225	100		
223	47.3	32.5	97.4
227	63.0	32.4	97.2





#95

Naphthalene

Concen: 0.655 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

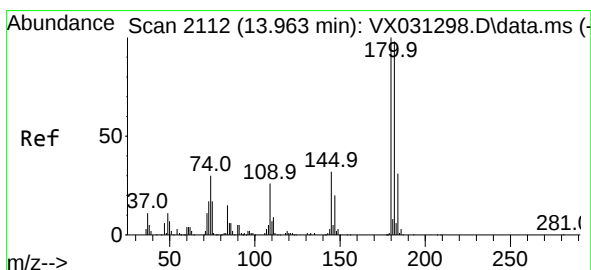
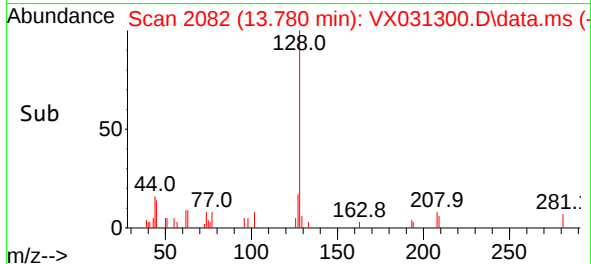
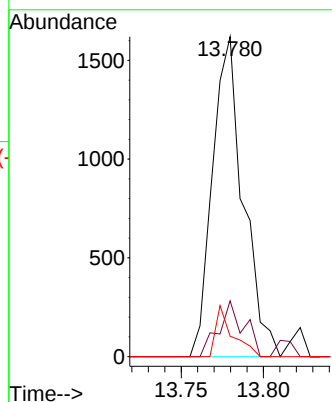
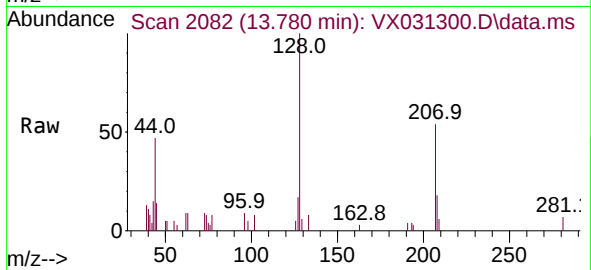
Tgt Ion:128 Resp: 2108

Ion Ratio Lower Upper

128 100

127 14.3 9.9 14.9

129 8.6 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.759 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX031300.D

Acq: 13 Sep 2022 19:27

Tgt Ion:180 Resp: 665

Ion Ratio Lower Upper

180 100

182 102.1 48.8 146.3

145 45.6 15.7 47.0

