

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033616.D
 Acq On : 04 Jan 2023 13:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 05 04:49:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	176640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91312	45.792	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.580%		
35) Dibromofluoromethane	5.385	113	77572	47.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.647	98	285725	48.890	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.780%		
62) 4-Bromofluorobenzene	11.079	95	65903	31.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	63.620%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	418	0.287	ug/l	99
3) Chloromethane	1.300	50	831	0.464	ug/l #	42
4) Vinyl Chloride	1.374	62	504	0.317	ug/l #	1
5) Bromomethane	1.617	94	255	0.287	ug/l	83
7) Trichlorofluoromethane	1.892	101	544	0.242	ug/l #	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	621	Below Cal		94
10) Methyl Iodide	2.453	142	720	0.351	ug/l #	89
11) Tert butyl alcohol	3.007	59	162	0.495	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	461	Below Cal		86
13) Acrolein	2.239	56	226	Below Cal		83
15) Acrylonitrile	3.081	53	1164	1.314	ug/l	96
16) Acetone	2.392	43	1317	Below Cal		94
17) Carbon Disulfide	2.514	76	6311	3.227	ug/l #	95
20) Methylene Chloride	2.794	84	932	Below Cal	#	90
21) trans-1,2-Dichloroethene	3.093	96	1047	0.642	ug/l #	82
23) Vinyl Acetate	3.739	43	1849	0.434	ug/l #	72
25) 2-Butanone	4.599	43	514	0.395	ug/l #	51
31) Cyclohexane	5.476	56	782	0.282	ug/l #	73
36) 1,1-Dichloropropene	5.702	75	997	0.450	ug/l	89
37) Ethyl Acetate	4.714	43	31	Below Cal	#	69
38) Carbon Tetrachloride	5.550	117	15709	6.702	ug/l #	16
39) Methylcyclohexane	7.385	83	981	0.355	ug/l	88
44) Trichloroethene	7.135	130	778	0.421	ug/l	99
46) Dibromomethane	7.586	93	339	0.290	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	575	0.350	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.257	63	299	0.236	ug/l #	45
59) 2-Hexanone	9.445	43	514	0.290	ug/l	69
61) 1,2-Dibromoethane	9.616	107	357	0.202	ug/l	90
64) Tetrachloroethene	9.275	164	677	0.629	ug/l #	83
65) Chlorobenzene	10.079	112	833	0.278	ug/l	92
67) Ethyl Benzene	10.195	91	1280	0.245	ug/l	91
68) m/p-Xylenes	10.305	106	1065	0.523	ug/l	97
70) Styrene	10.659	104	793	0.239	ug/l	91
73) Isopropylbenzene	10.963	105	1250	0.258	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	36507	29.030	ug/l #	35
77) Bromobenzene	11.201	156	445	0.347	ug/l	91

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Instrument :
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 ClientSampleId :
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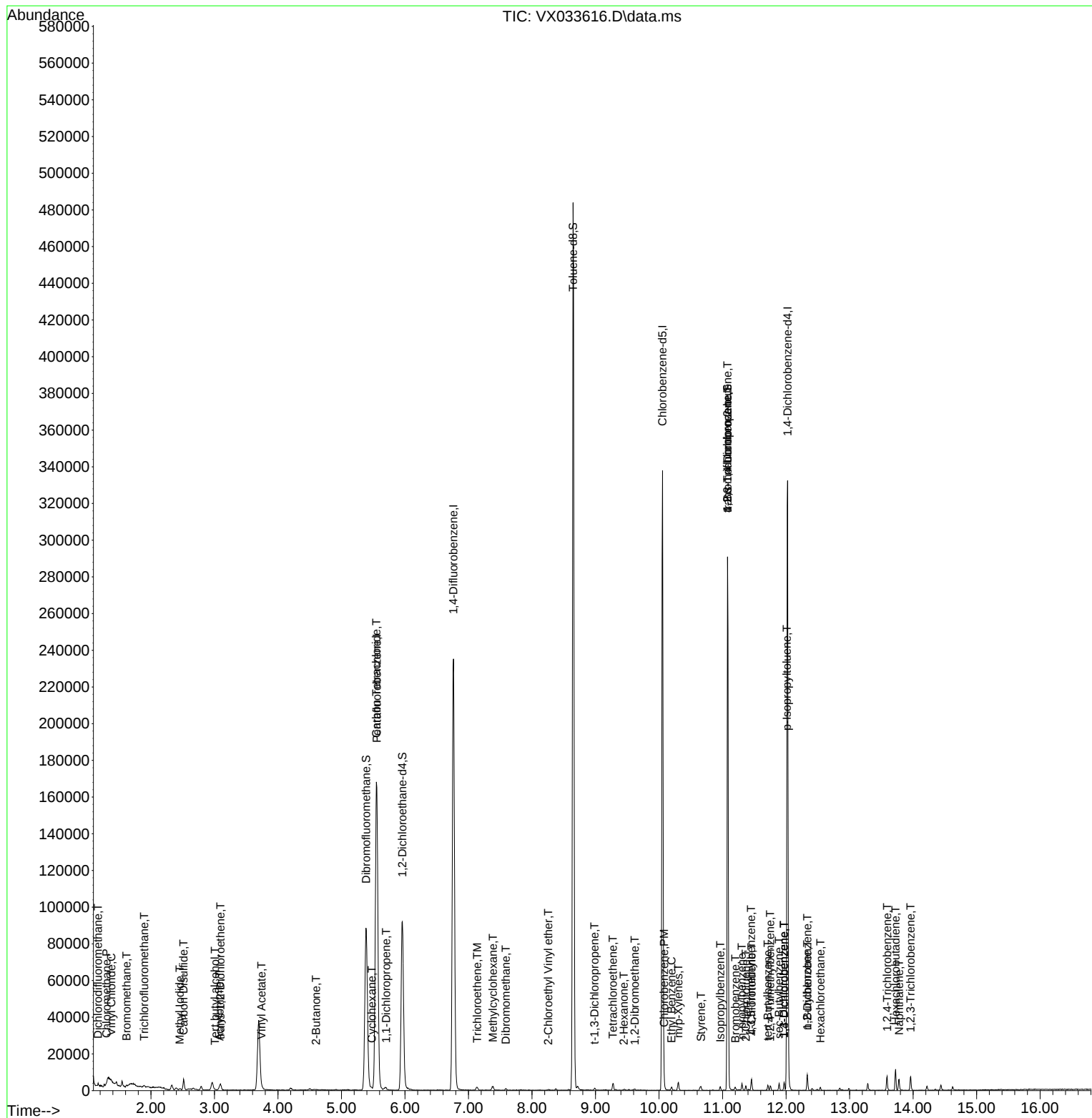
Quant Time: Jan 05 04:49:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
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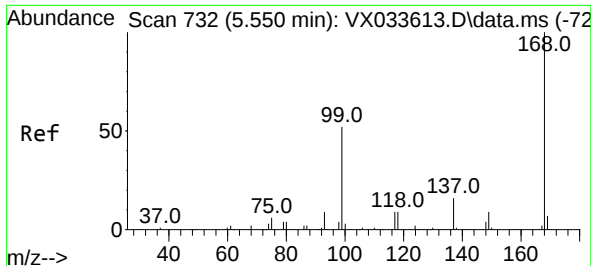
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	11.305	91	2344	0.427	ug/l	94
79) 2-Chlorotoluene	11.366	91	1230	0.373	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1344	0.337	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	36507	88.110	ug/l #	7
82) 4-Chlorotoluene	11.457	91	1812	0.475	ug/l	99
83) tert-Butylbenzene	11.713	119	1205	0.289	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1394	0.348	ug/l	86
85) sec-Butylbenzene	11.890	105	2099	0.427	ug/l	98
86) p-Isopropyltoluene	12.012	119	1820	0.433	ug/l #	74
87) 1,3-Dichlorobenzene	11.969	146	1514	0.656	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	1514	0.670	ug/l	94
89) n-Butylbenzene	12.335	91	2762	0.786	ug/l	93
90) Hexachloroethane	12.542	117	195	0.288	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	1012	0.459	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	2033	2.882	ug/l	90
94) Hexachlorobutadiene	13.725	225	1727	2.561	ug/l	99
95) Naphthalene	13.780	128	4374	3.967	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2121	4.978	ug/l	94

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

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Quant Title : SW846 8260
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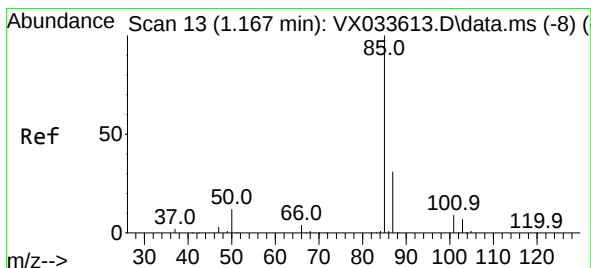
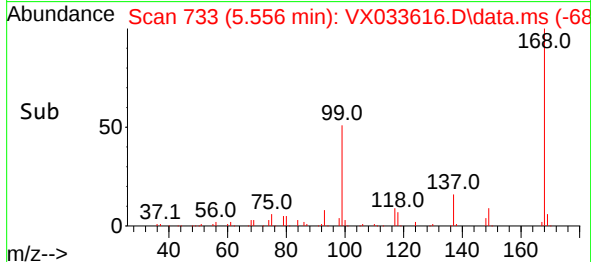
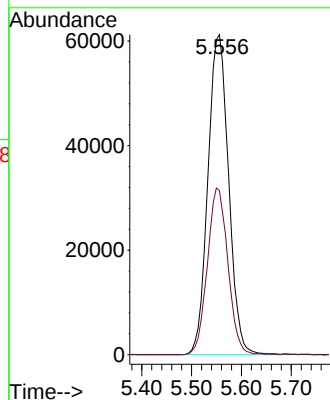
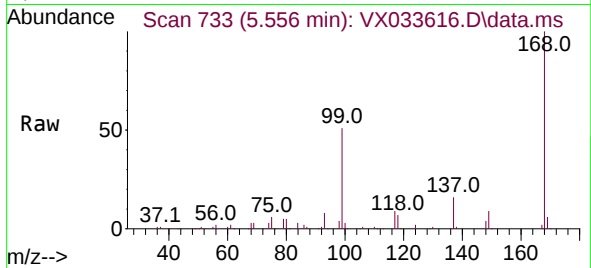




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033616.D
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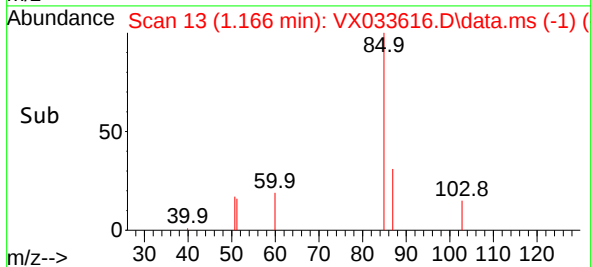
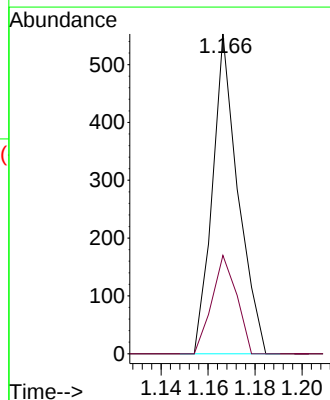
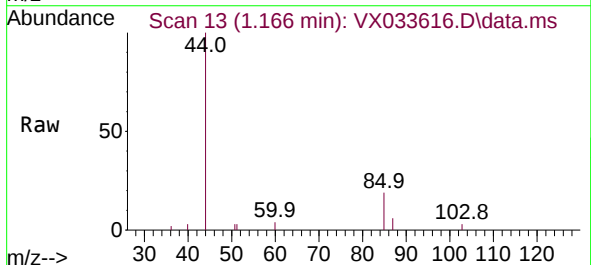
Instrument :
MSVOA_X
ClientSampleId :
IBLK

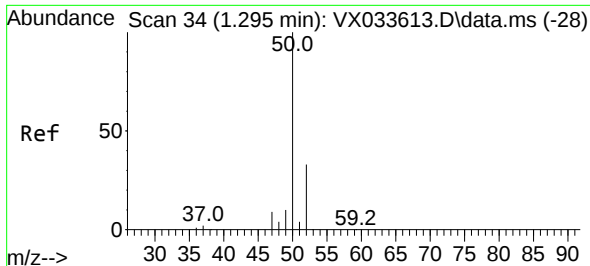
Tgt Ion:168 Resp: 176640
Ion Ratio Lower Upper
168 100
99 51.3 41.4 62.2



#2
Dichlorodifluoromethane
Concen: 0.287 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 85 Resp: 418
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0

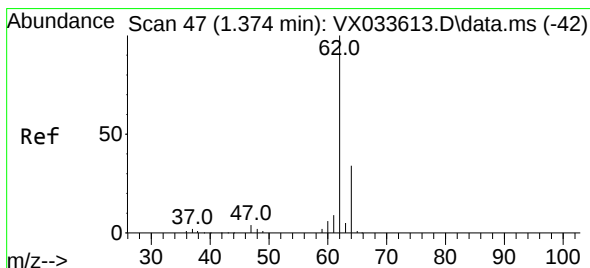
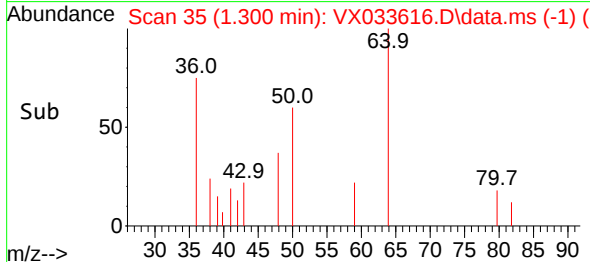
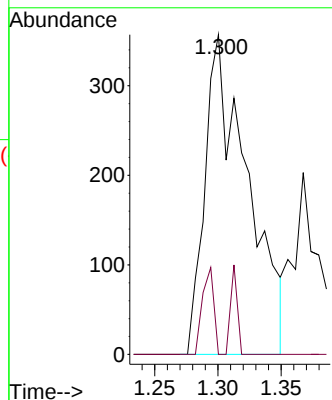
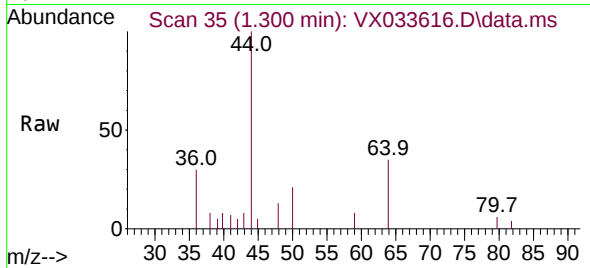




#3
Chloromethane
Concen: 0.464 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

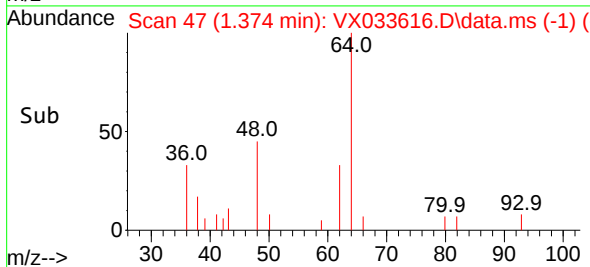
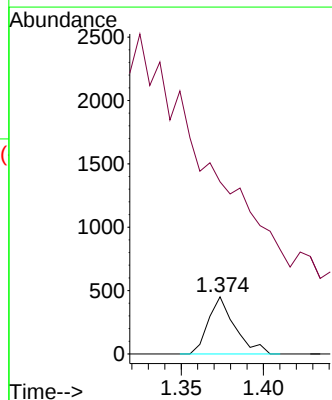
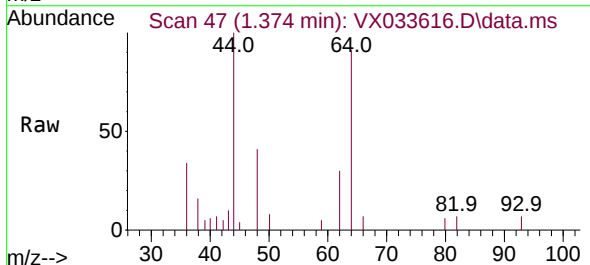
Instrument :
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ClientSampleId :
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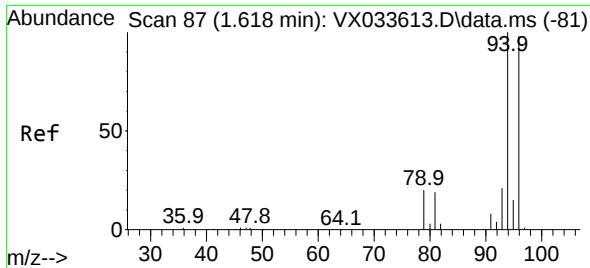
Tgt Ion: 50 Resp: 831
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#



#4
Vinyl Chloride
Concen: 0.317 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 62 Resp: 504
Ion Ratio Lower Upper
62 100
64 118.8 27.2 40.8#

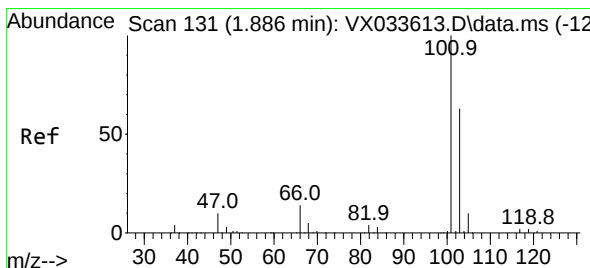
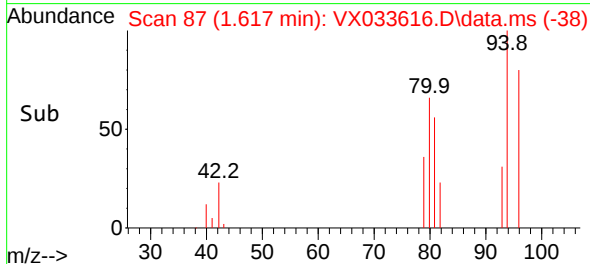
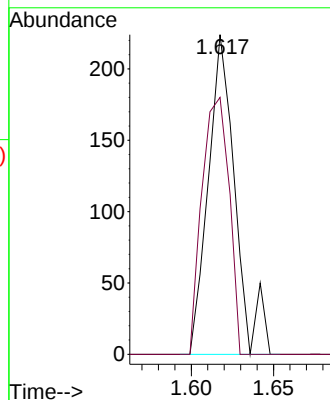
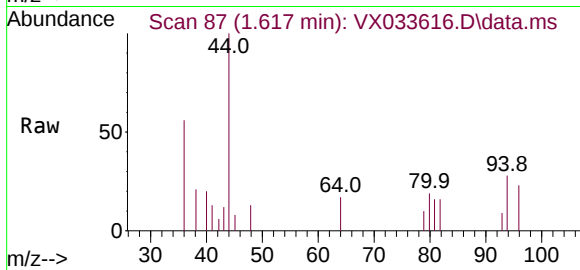




#5
Bromomethane
Concen: 0.287 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

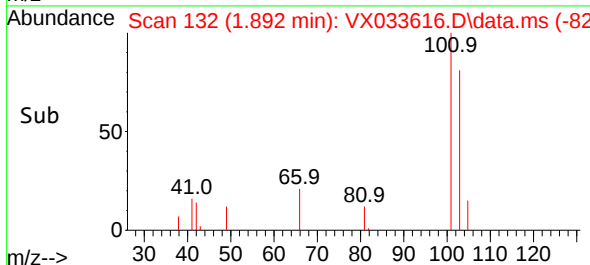
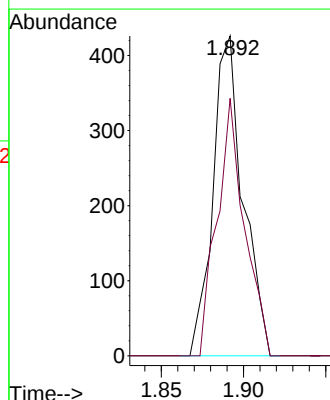
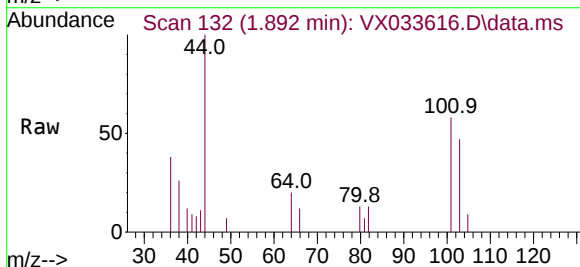
Instrument :
MSVOA_X
ClientSampleId :
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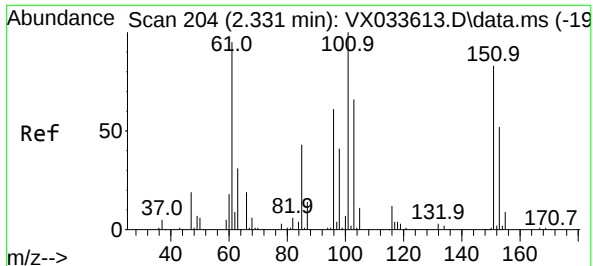
Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 80.4 78.0 117.0



#7
Trichlorofluoromethane
Concen: 0.242 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion:101 Resp: 544
Ion Ratio Lower Upper
101 100
103 80.5 50.6 75.8#

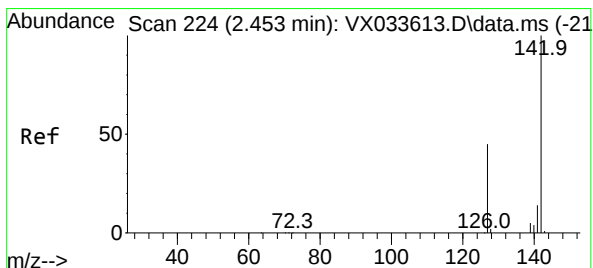
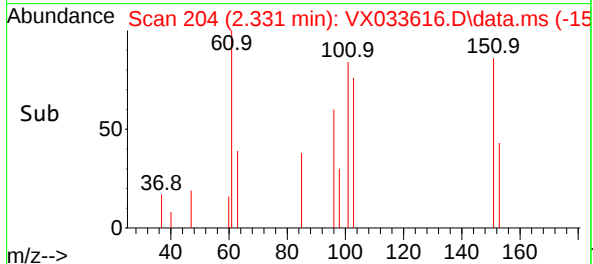
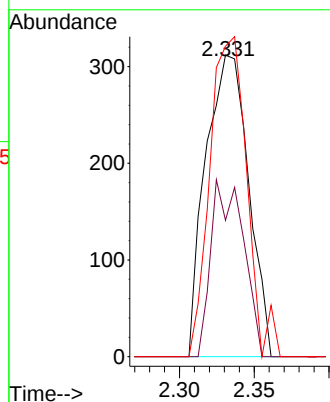
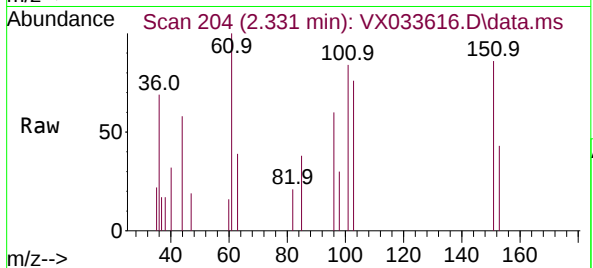




#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

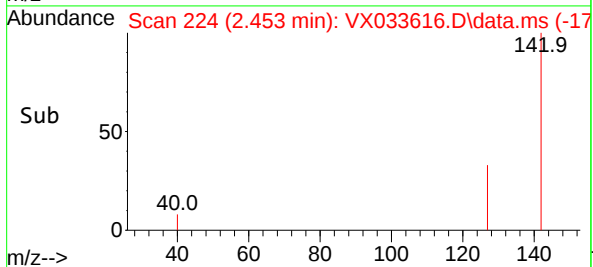
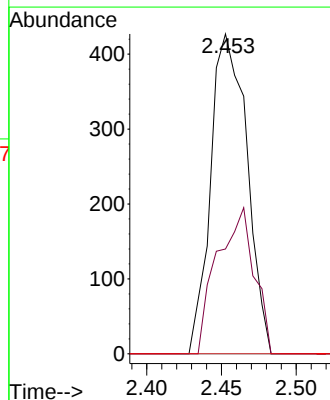
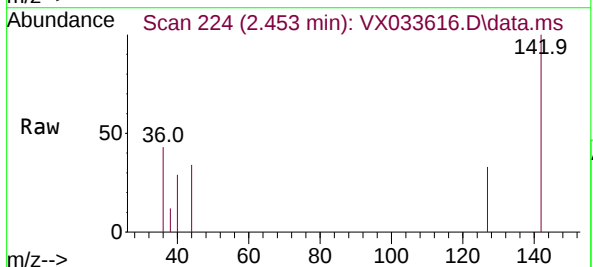
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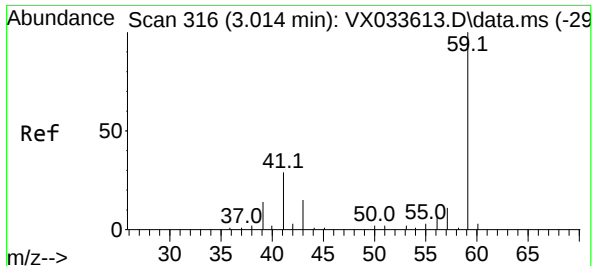
Tgt Ion:101 Resp: 621
Ion Ratio Lower Upper
101 100
85 44.1 35.7 53.5
151 91.3 66.7 100.1



#10
Methyl Iodide
Concen: 0.351 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion:142 Resp: 720
Ion Ratio Lower Upper
142 100
127 46.7 35.7 53.5
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.495 ug/l

RT: 3.007 min Scan# 316

Delta R.T. -0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

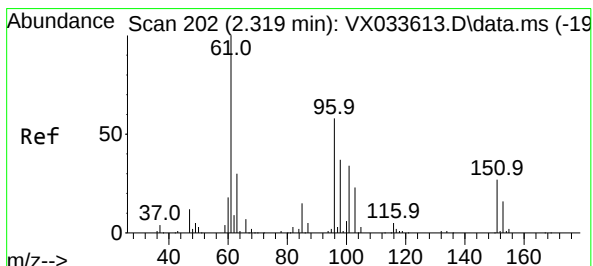
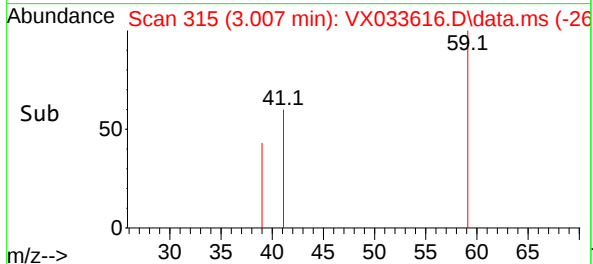
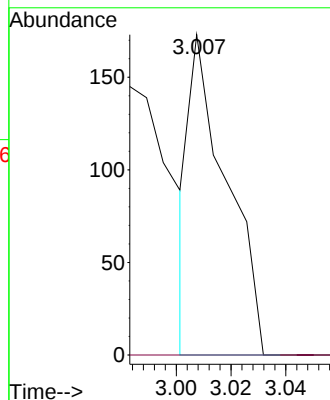
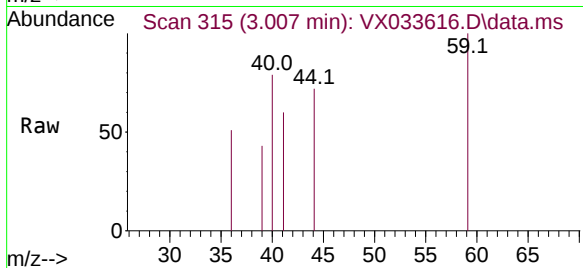
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Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

59 100

57 0.0 5.5 8.3#



#12

1,1-Dichloroethene

Concen: Below Cal

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

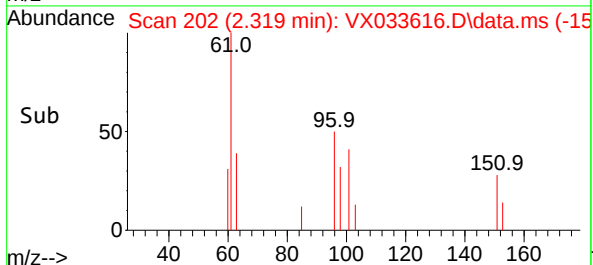
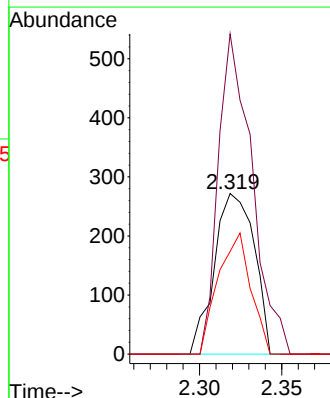
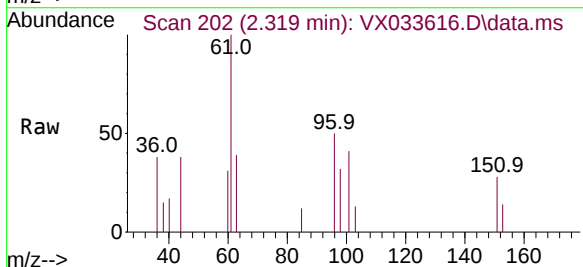
Tgt Ion: 96 Resp: 461

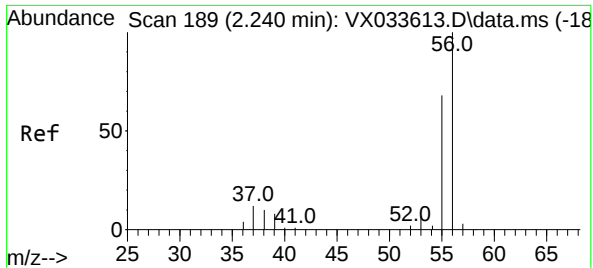
Ion Ratio Lower Upper

96 100

61 199.3 139.1 208.7

98 64.0 50.8 76.2

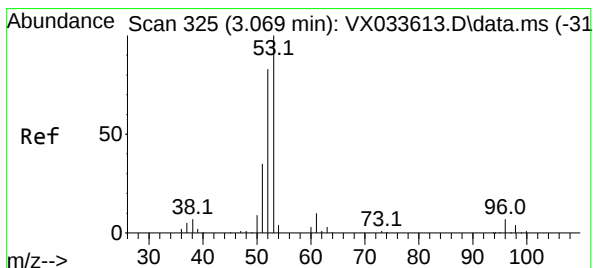
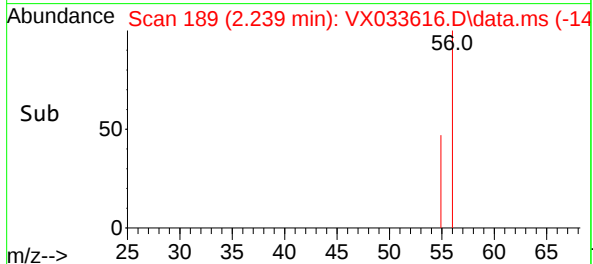
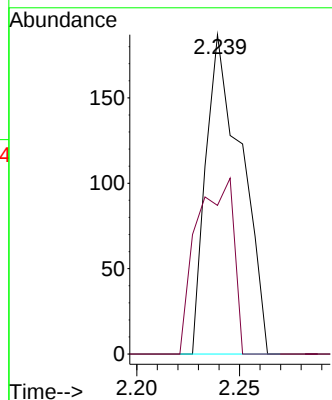
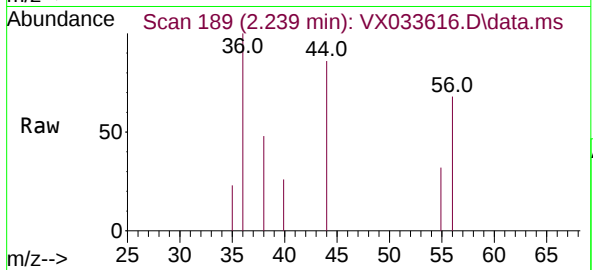




#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

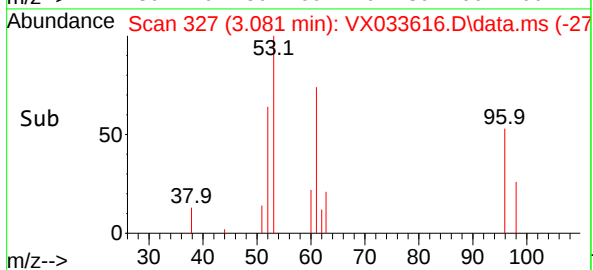
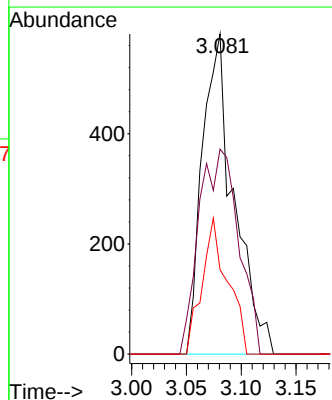
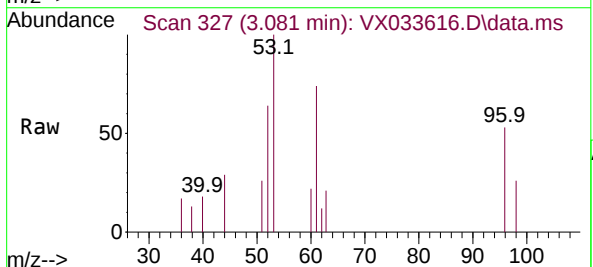
Instrument :
MSVOA_X
ClientSampleId :
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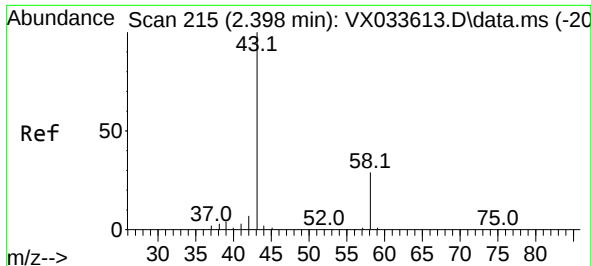
Tgt Ion: 56 Resp: 226
Ion Ratio Lower Upper
56 100
55 57.1 56.9 85.3



#15
Acrylonitrile
Concen: 1.314 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.012 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 53 Resp: 1164
Ion Ratio Lower Upper
53 100
52 80.6 66.7 100.1
51 34.4 29.8 44.8

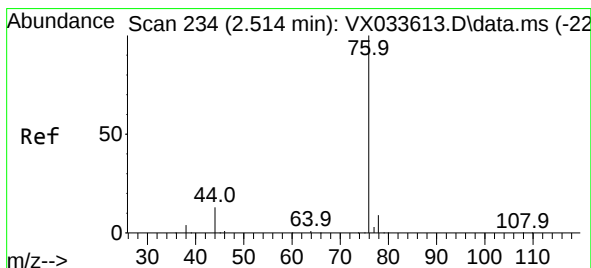
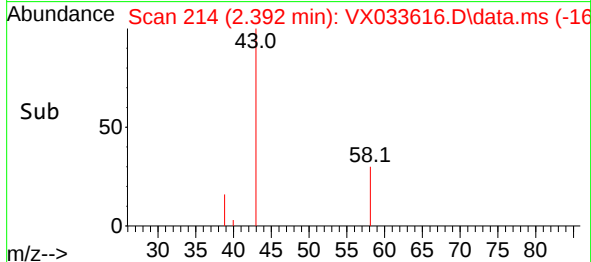
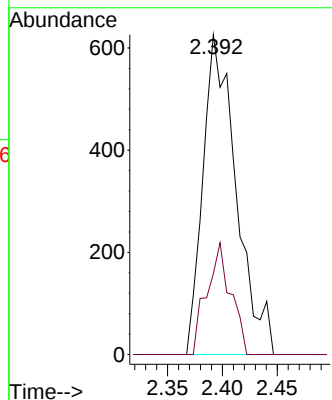
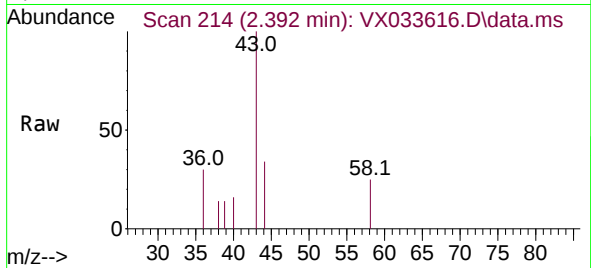




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

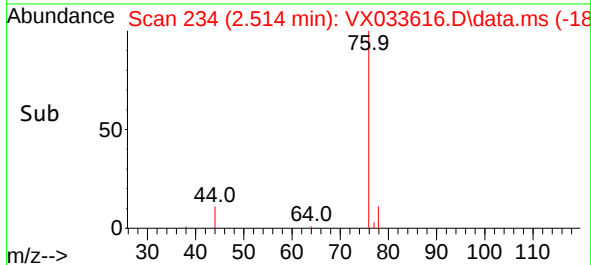
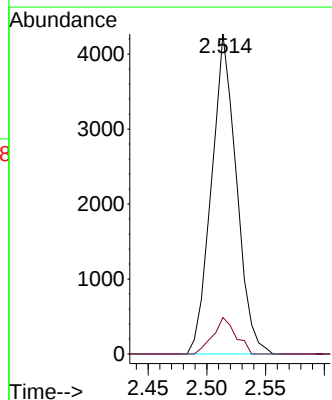
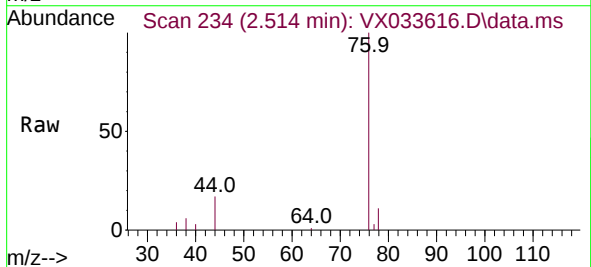
Instrument :
MSVOA_X
ClientSampleId :
IBLK

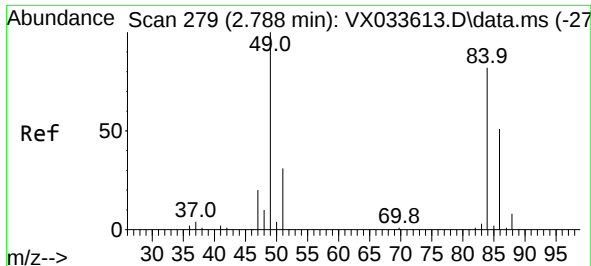
Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 25.2 22.9 34.3



#17
Carbon Disulfide
Concen: 3.227 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 76 Resp: 6311
Ion Ratio Lower Upper
76 100
78 11.4 7.6 11.4#

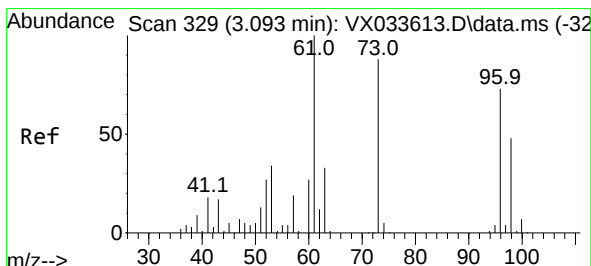
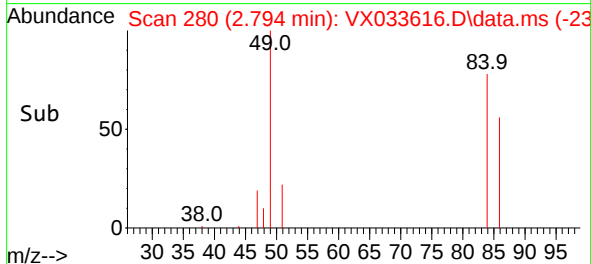
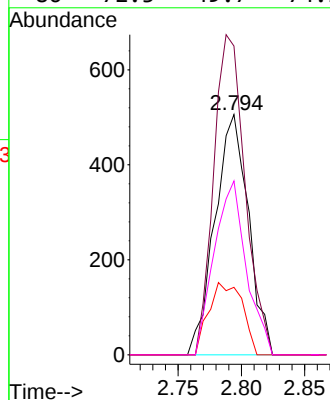
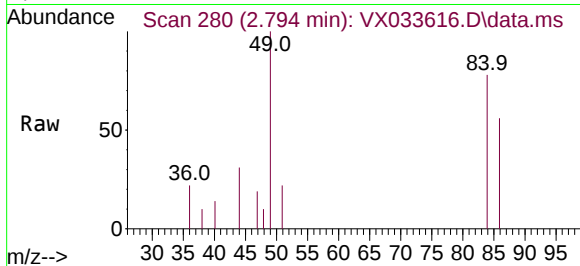




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

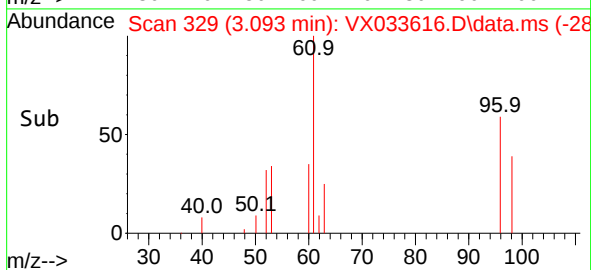
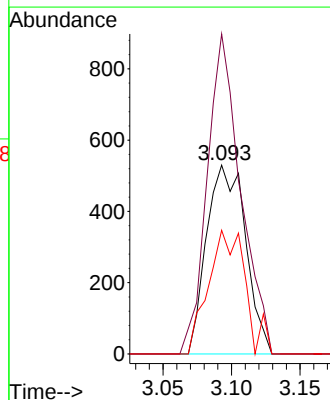
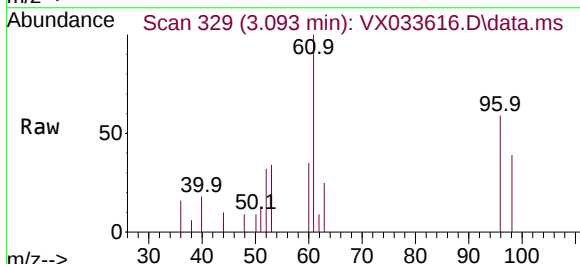
Instrument :
MSVOA_X
ClientSampleId :
IBLK

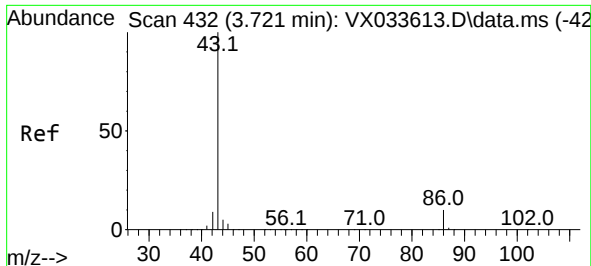
Tgt Ion:	84	Resp:	932
Ion	Ratio	Lower	Upper
84	100		
49	128.5	97.6	146.4
51	28.1	30.4	45.6#
86	72.3	49.7	74.5



#21
trans-1,2-Dichloroethene
Concen: 0.642 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion:	96	Resp:	1047
Ion	Ratio	Lower	Upper
96	100		
61	169.4	109.7	164.5#
98	65.5	52.2	78.2

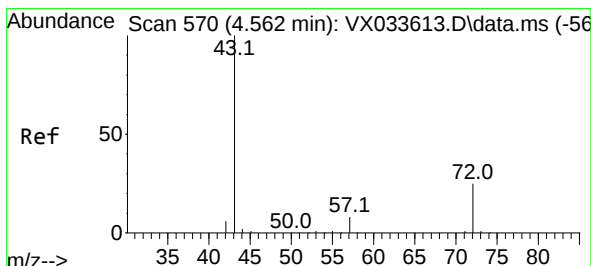
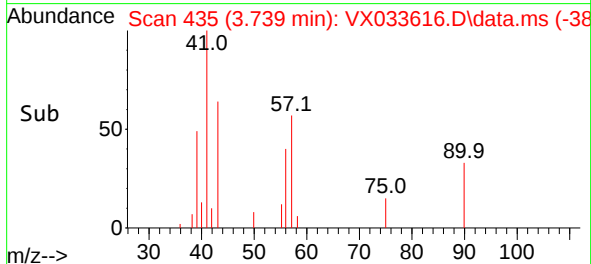
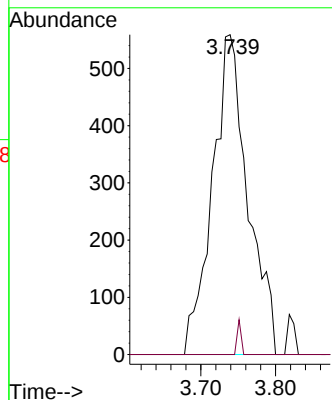
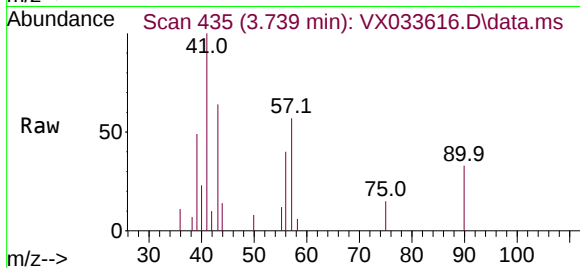




#23
 Vinyl Acetate
 Concen: 0.434 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX033616.D
 Acq: 04 Jan 2023 13:24

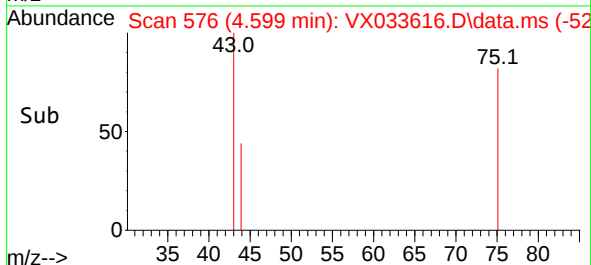
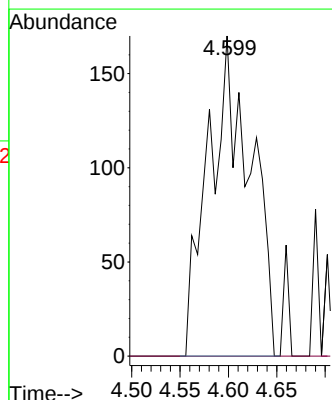
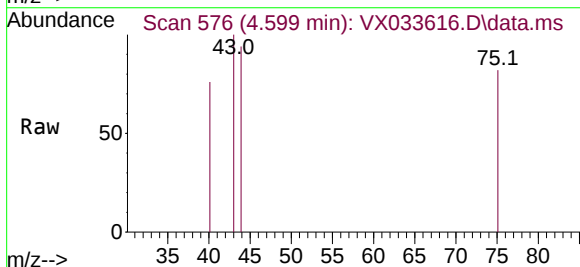
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

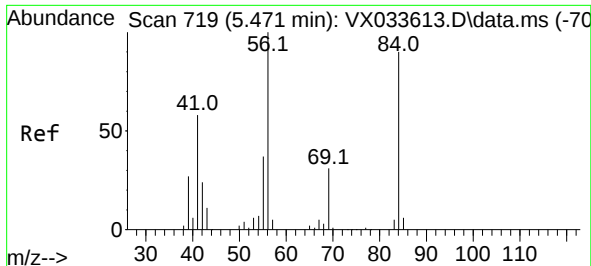
Tgt Ion: 43 Resp: 1849
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.3 12.5#



#25
 2-Butanone
 Concen: 0.395 ug/l
 RT: 4.599 min Scan# 576
 Delta R.T. 0.036 min
 Lab File: VX033616.D
 Acq: 04 Jan 2023 13:24

Tgt Ion: 43 Resp: 514
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.8 29.6#

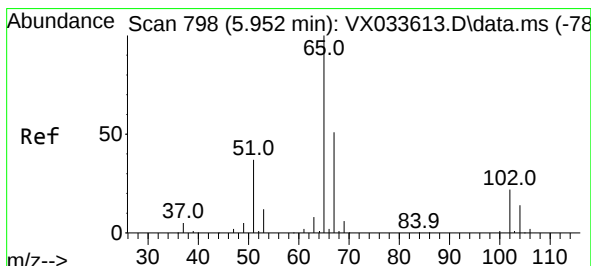
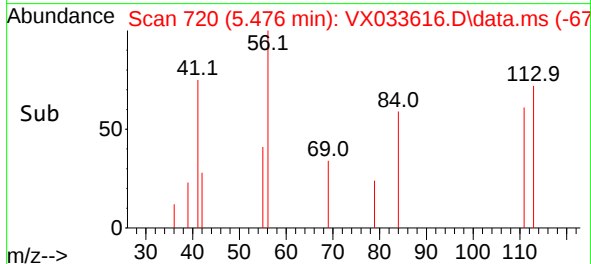
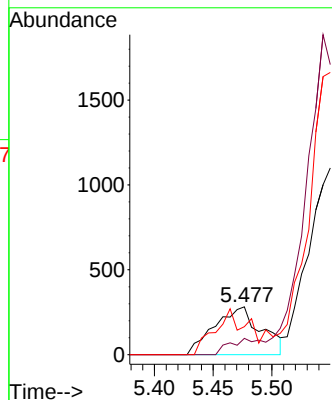
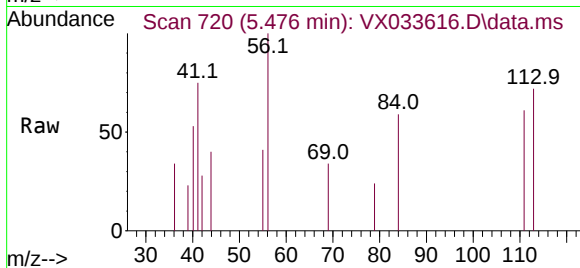




#31
Cyclohexane
Concen: 0.282 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

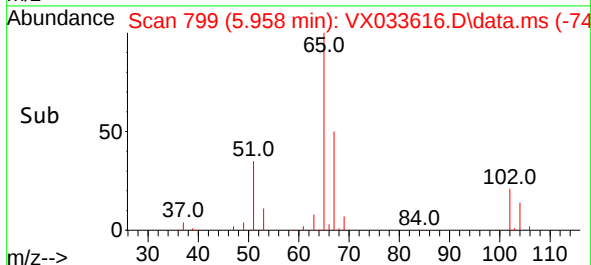
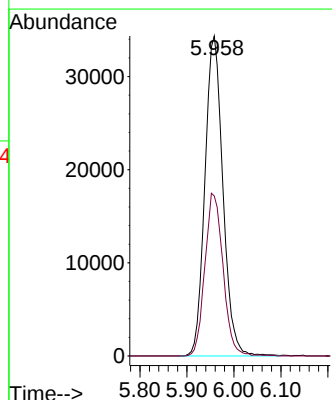
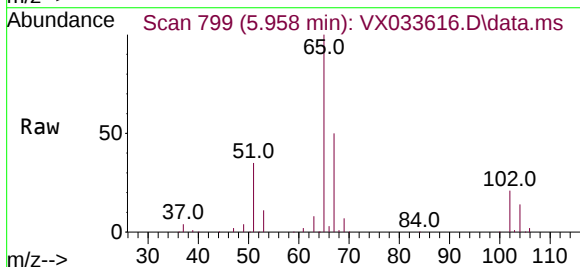
Instrument :
MSVOA_X
ClientSampleId :
IBLK

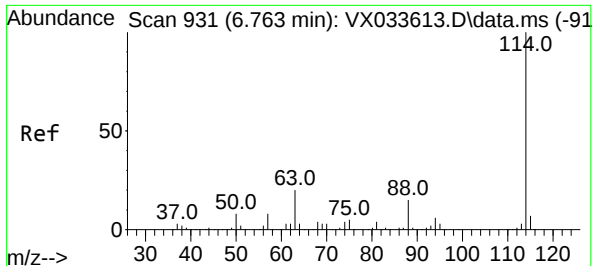
Tgt Ion: 56 Resp: 782
Ion Ratio Lower Upper
56 100
69 34.0 24.6 36.8
84 58.5 72.2 108.2#



#33
1,2-Dichloroethane-d4
Concen: 45.792 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 65 Resp: 91312
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

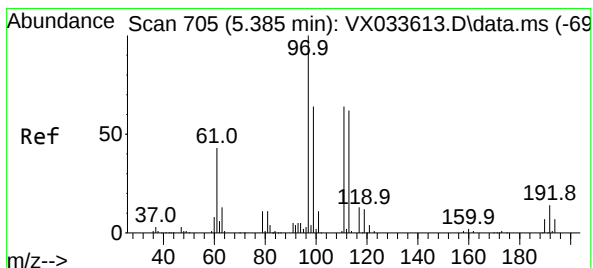
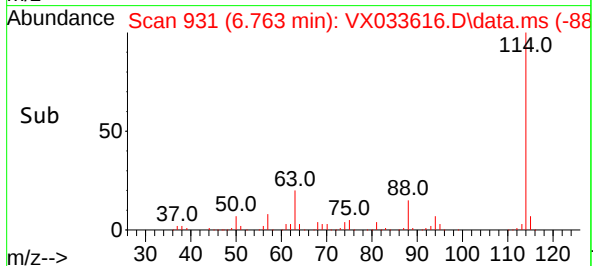
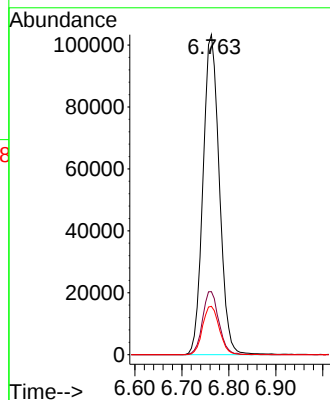
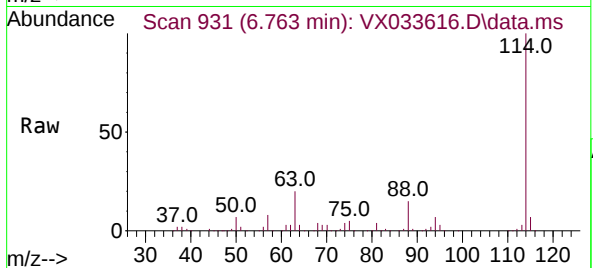
Tgt Ion:114 Resp: 248762

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.442 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

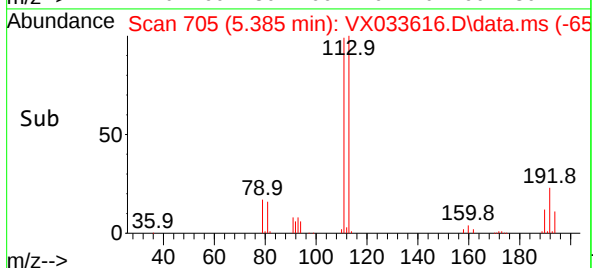
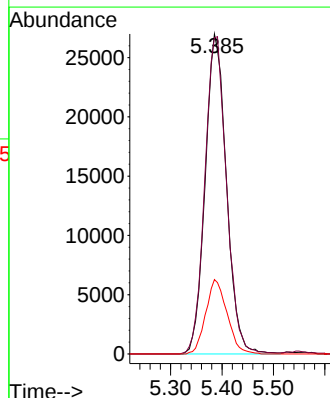
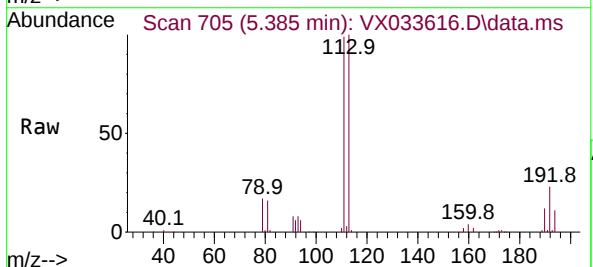
Tgt Ion:113 Resp: 77572

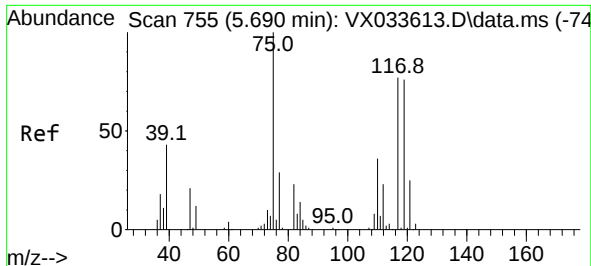
Ion Ratio Lower Upper

113 100

111 101.1 81.2 121.8

192 23.3 18.2 27.2





#36

1,1-Dichloropropene

Concen: 0.450 ug/l

RT: 5.702 min Scan# 755

Delta R.T. 0.012 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

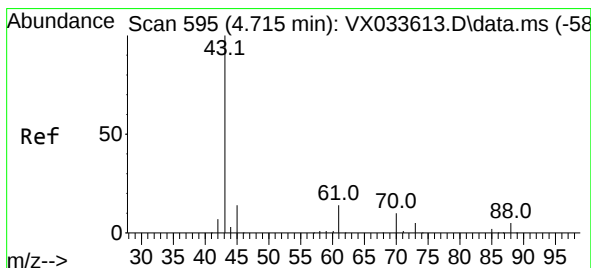
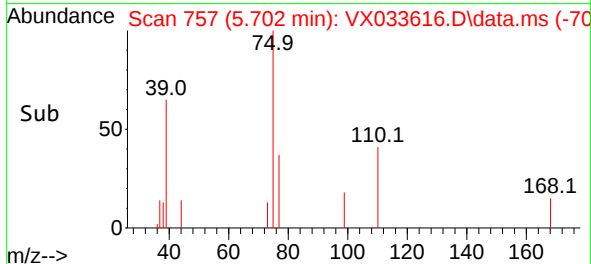
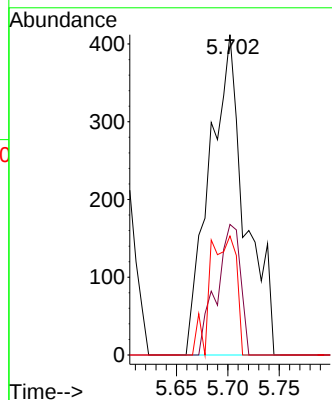
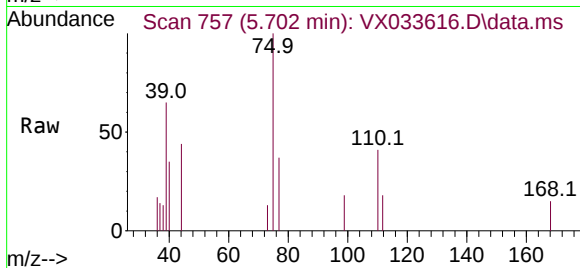
Tgt Ion: 75 Resp: 997

Ion Ratio Lower Upper

75 100

110 27.2 18.0 54.0

77 27.3 24.5 36.7



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

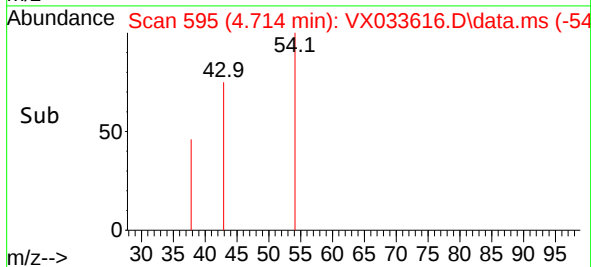
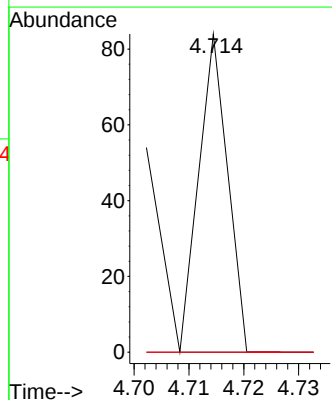
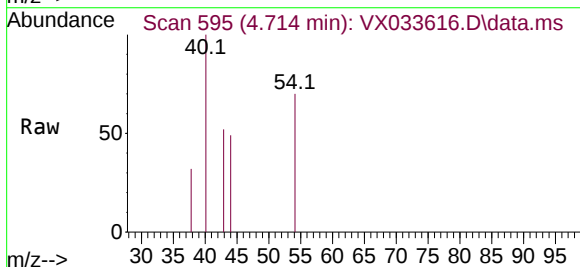
Tgt Ion: 43 Resp: 31

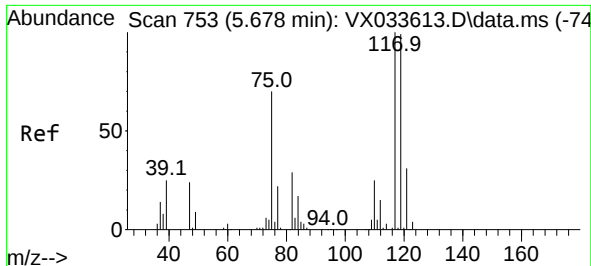
Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.1 12.1#

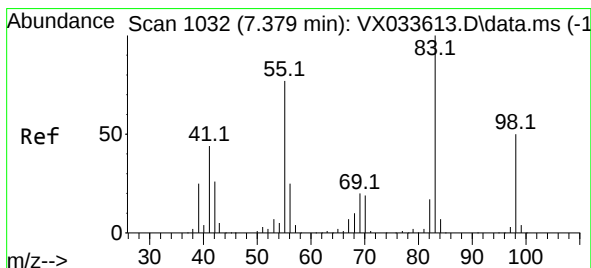
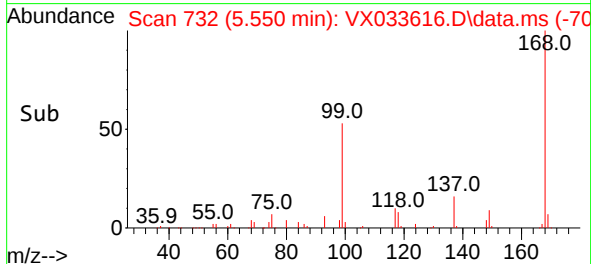
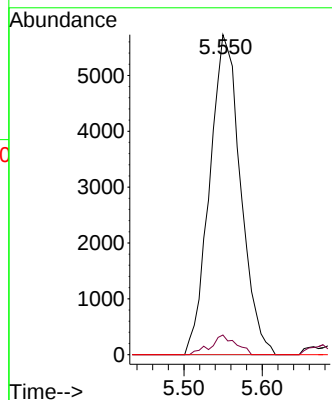
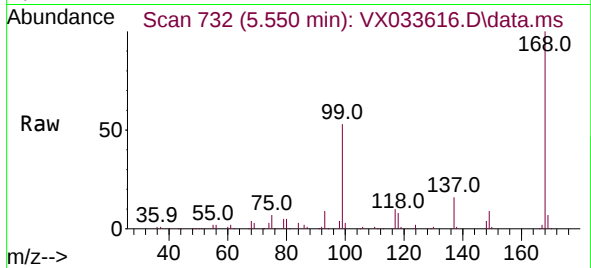




#38
Carbon Tetrachloride
Concen: 6.702 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

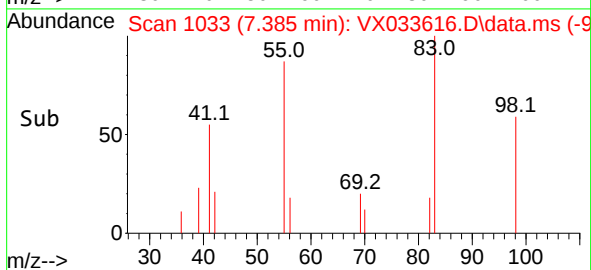
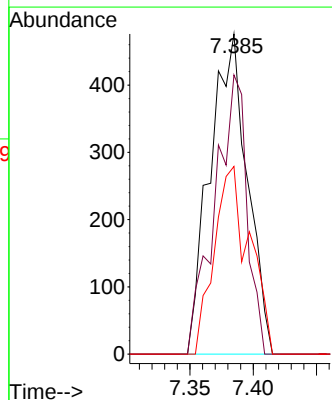
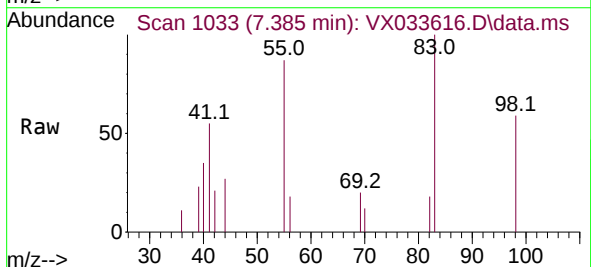
Instrument :
MSVOA_X
ClientSampleId :
IBLK

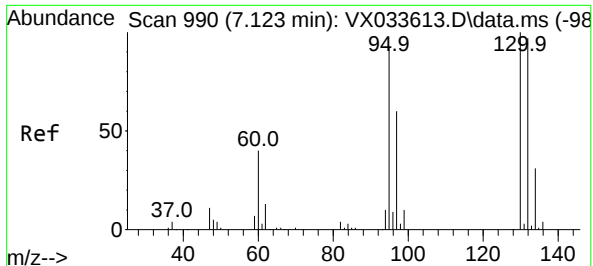
Tgt Ion:117 Resp: 15709
Ion Ratio Lower Upper
117 100
119 6.1 78.8 118.2#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 0.355 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 83 Resp: 981
Ion Ratio Lower Upper
83 100
55 87.2 61.4 92.2
98 58.6 40.2 60.2

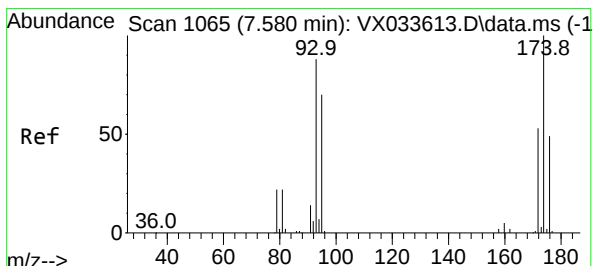
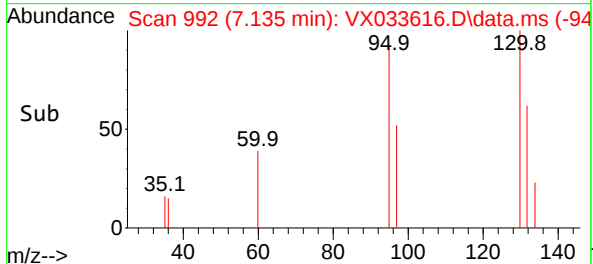
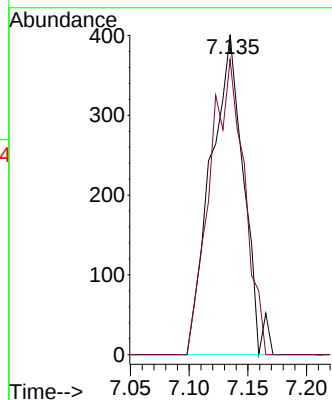
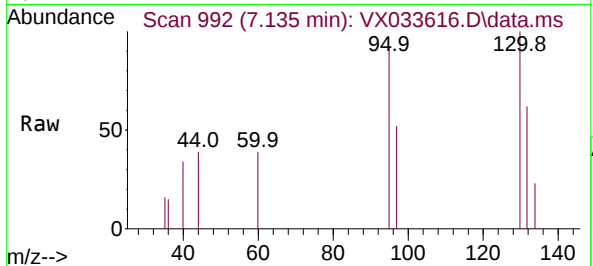




#44
Trichloroethene
Concen: 0.421 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

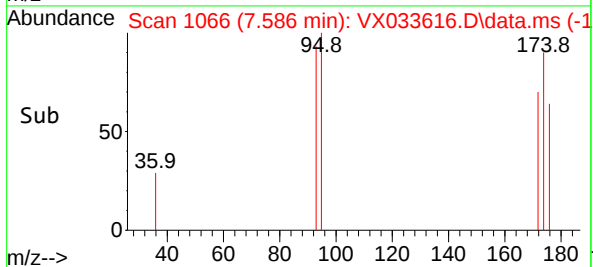
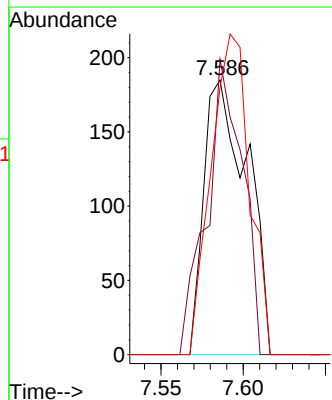
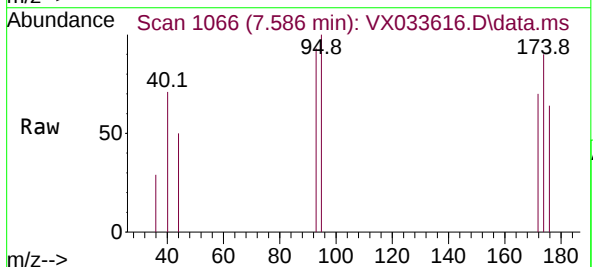
Instrument :
MSVOA_X
ClientSampleId :
IBLK

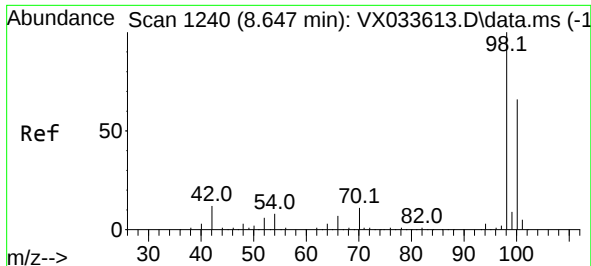
Tgt Ion:130 Resp: 778
Ion Ratio Lower Upper
130 100
95 92.3 0.0 183.0



#46
Dibromomethane
Concen: 0.290 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 93 Resp: 339
Ion Ratio Lower Upper
93 100
95 88.8 65.7 98.5
174 103.8 92.5 138.7





#50

Toluene-d8

Concen: 48.890 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

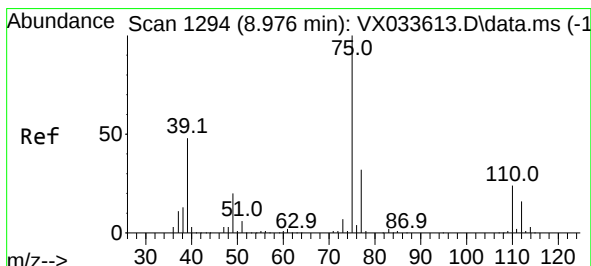
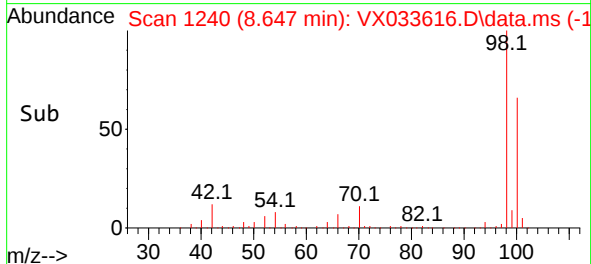
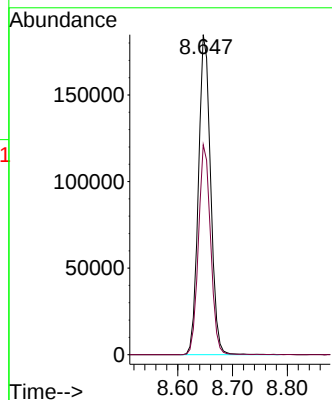
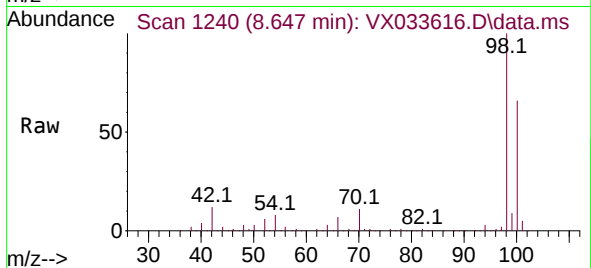
IBLK

Tgt Ion: 98 Resp: 285725

Ion Ratio Lower Upper

98 100

100 65.5 53.6 80.4



#53

t-1,3-Dichloropropene

Concen: 0.350 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX033616.D

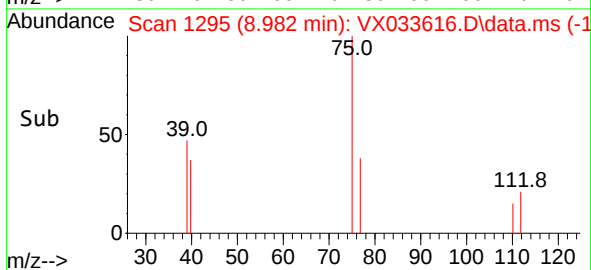
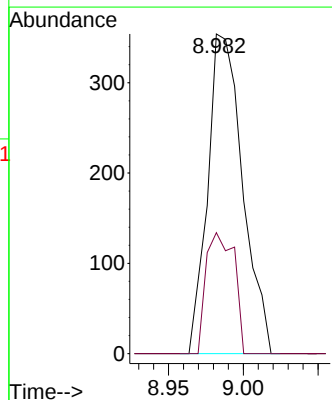
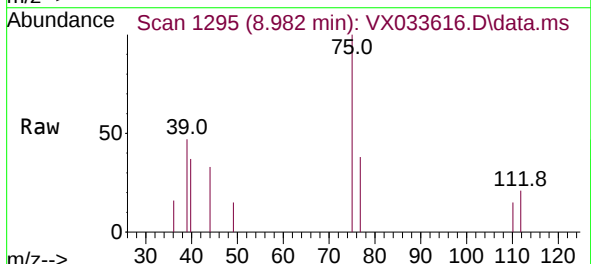
Acq: 04 Jan 2023 13:24

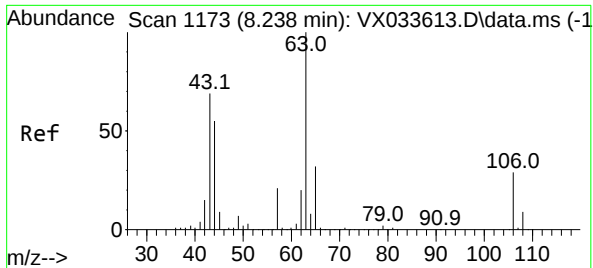
Tgt Ion: 75 Resp: 575

Ion Ratio Lower Upper

75 100

77 37.9 25.3 37.9

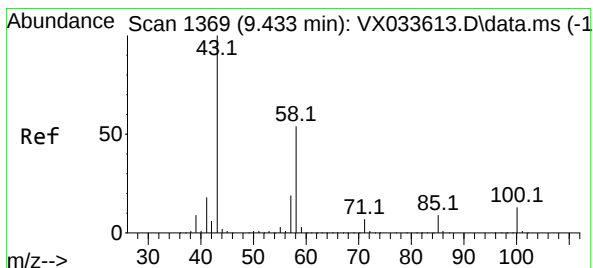
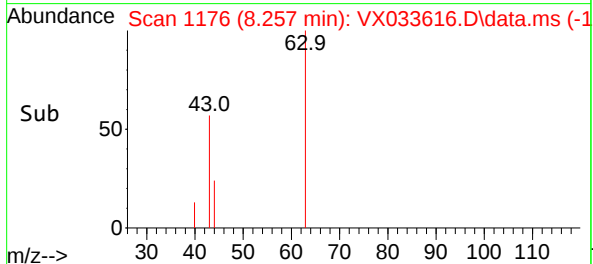
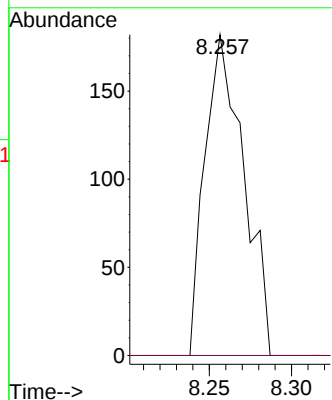
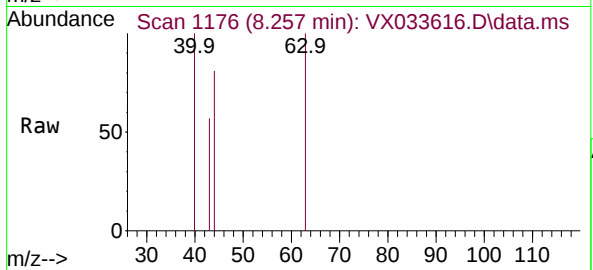




#58
2-Chloroethyl Vinyl ether
Concen: 0.236 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

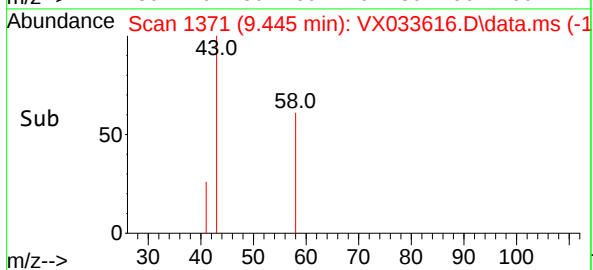
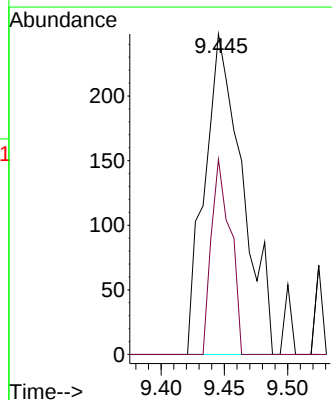
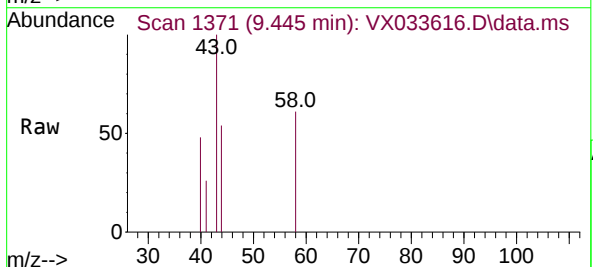
Instrument :
MSVOA_X
ClientSampleId :
IBLK

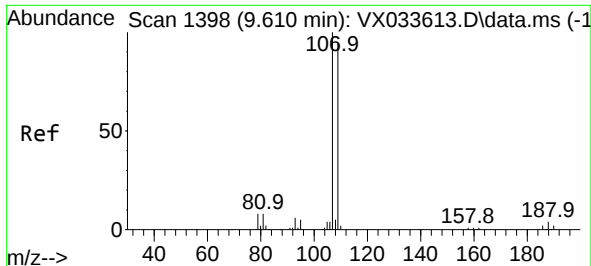
Tgt Ion: 63 Resp: 299
Ion Ratio Lower Upper
63 100
106 0.0 23.8 35.8#



#59
2-Hexanone
Concen: 0.290 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
58 30.9 26.6 79.8





#61

1,2-Dibromoethane

Concen: 0.202 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

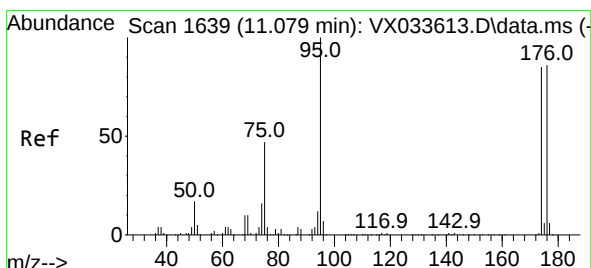
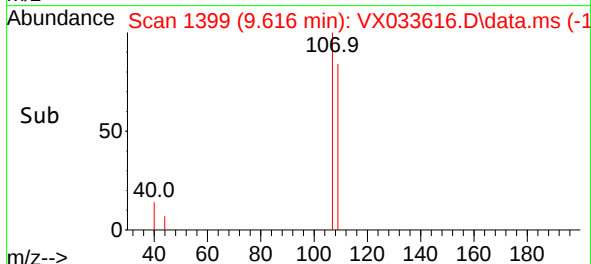
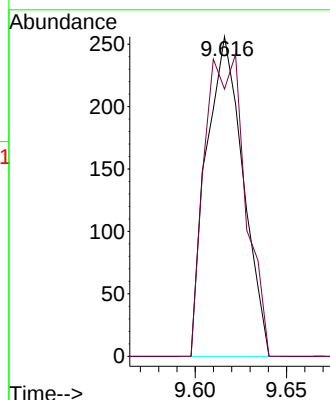
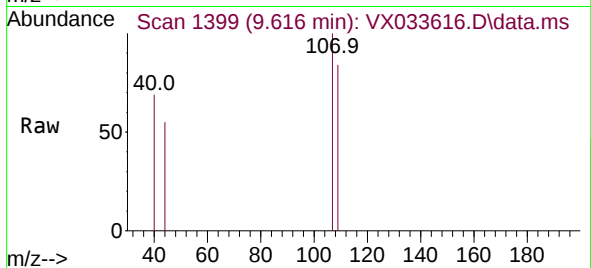
IBLK

Tgt Ion:107 Resp: 357

Ion Ratio Lower Upper

107 100

109 104.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 31.814 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

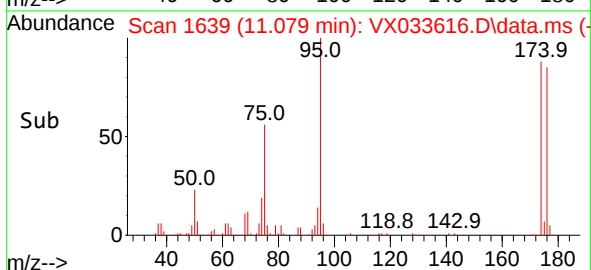
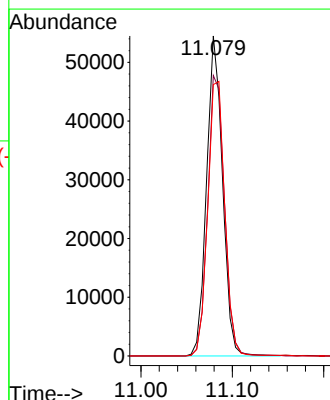
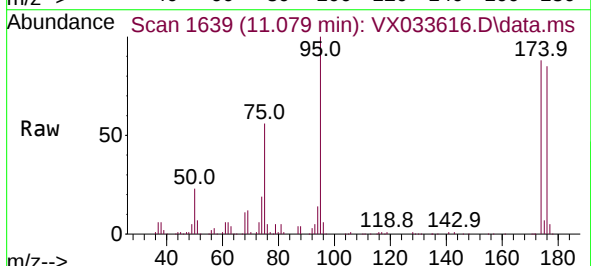
Tgt Ion: 95 Resp: 65903

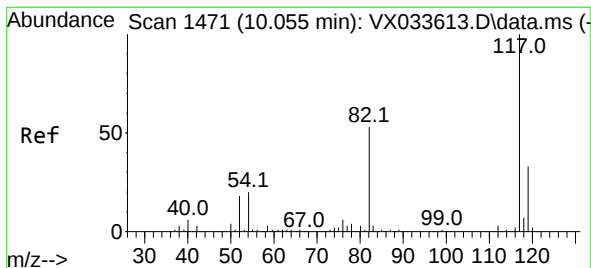
Ion Ratio Lower Upper

95 100

174 92.2 0.0 180.4

176 91.8 0.0 176.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

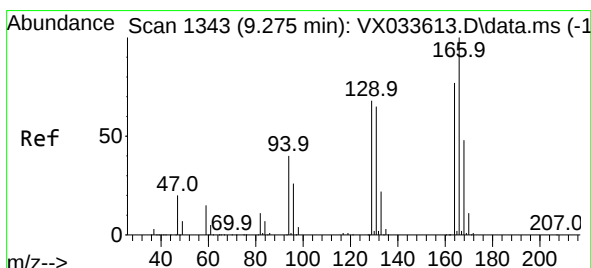
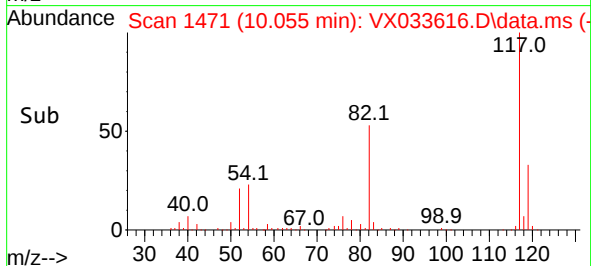
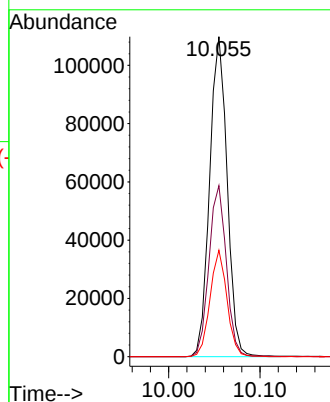
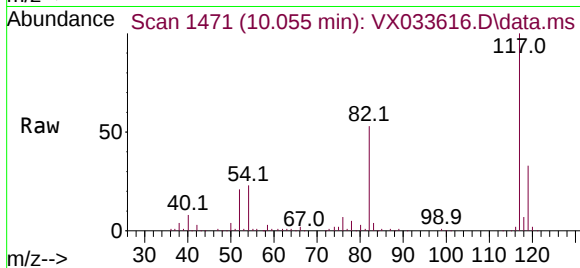
Tgt Ion:117 Resp: 146170

Ion Ratio Lower Upper

117 100

82 53.5 42.2 63.2

119 33.3 26.2 39.4



#64

Tetrachloroethene

Concen: 0.629 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Tgt Ion:164 Resp: 677

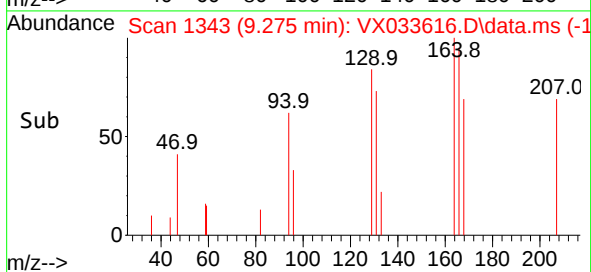
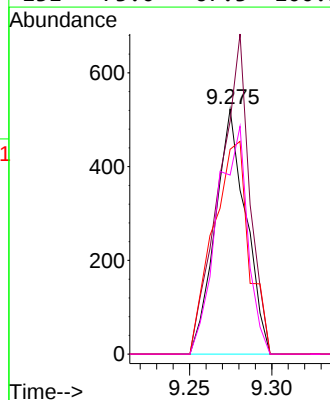
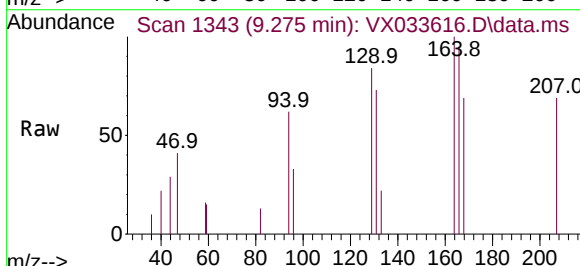
Ion Ratio Lower Upper

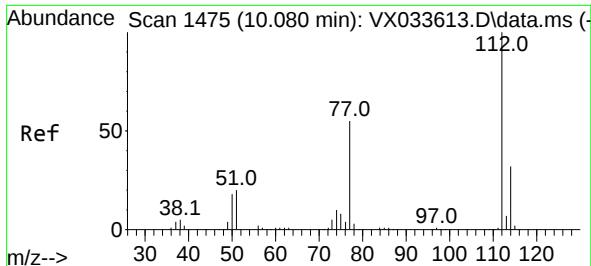
164 100

166 95.0 103.4 155.0#

129 83.6 70.0 105.0

131 73.0 67.3 100.9

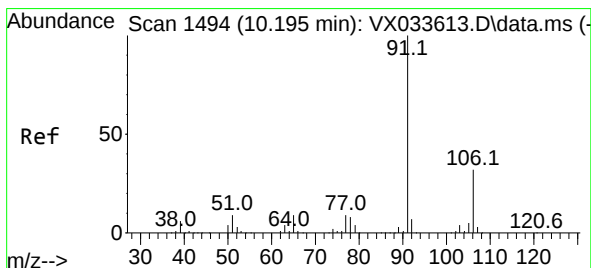
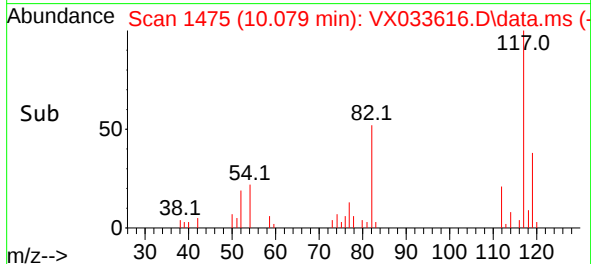
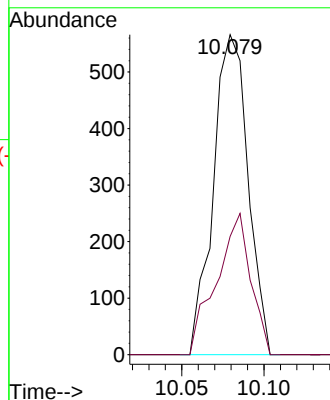
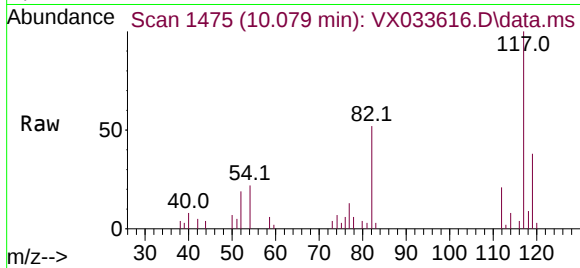




#65
Chlorobenzene
Concen: 0.278 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

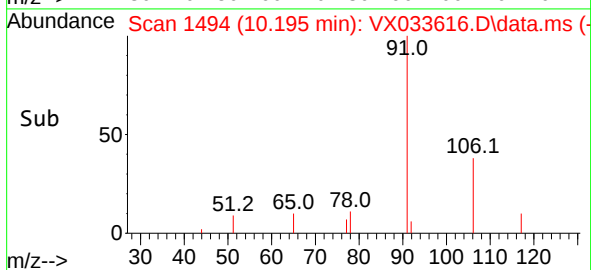
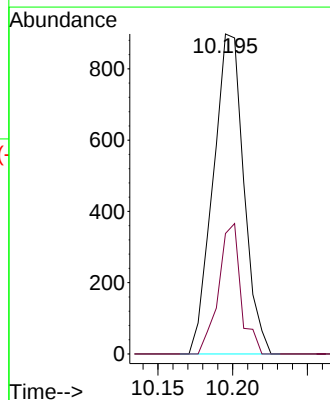
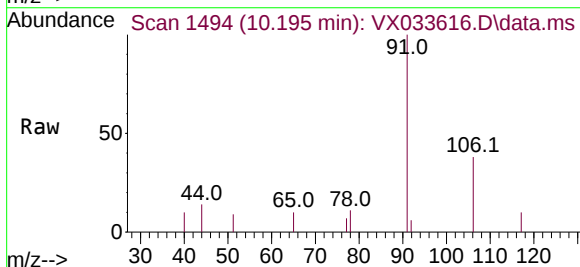
Instrument :
MSVOA_X
ClientSampleId :
IBLK

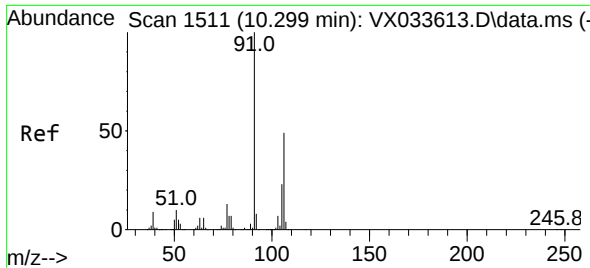
Tgt Ion:112 Resp: 833
Ion Ratio Lower Upper
112 100
114 36.9 25.8 38.6



#67
Ethyl Benzene
Concen: 0.245 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 91 Resp: 1280
Ion Ratio Lower Upper
91 100
106 37.6 25.9 38.9

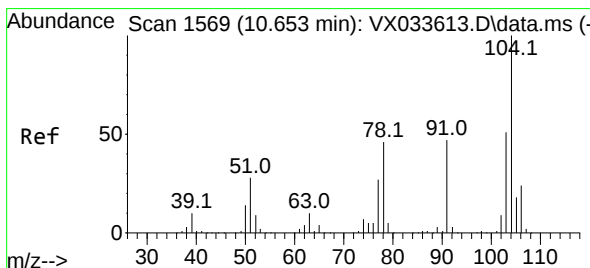
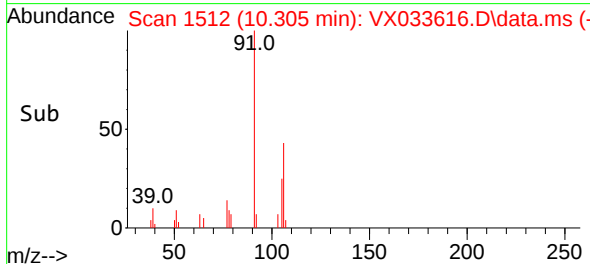
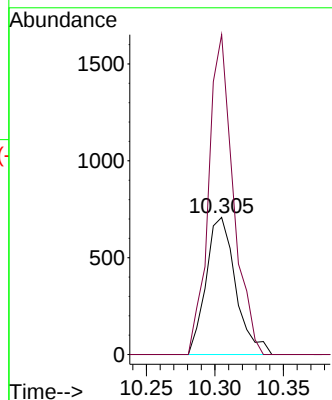
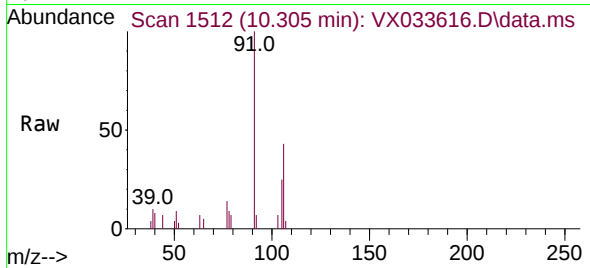




#68
m/p-Xylenes
Concen: 0.523 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

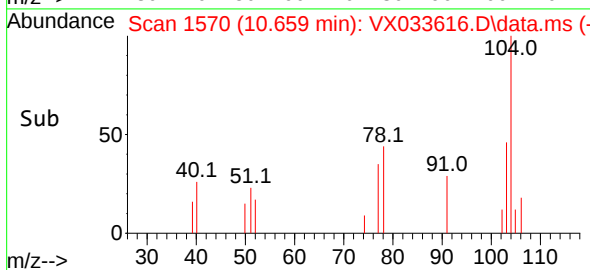
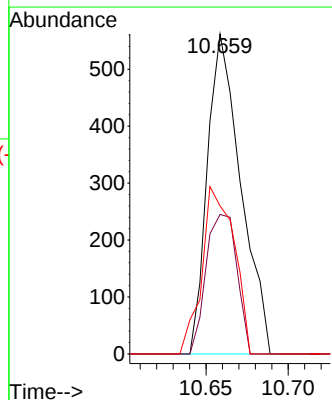
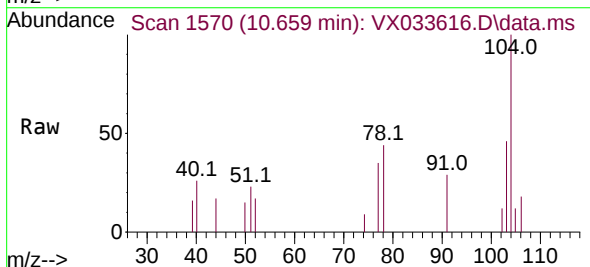
Instrument :
MSVOA_X
ClientSampleId :
IBLK

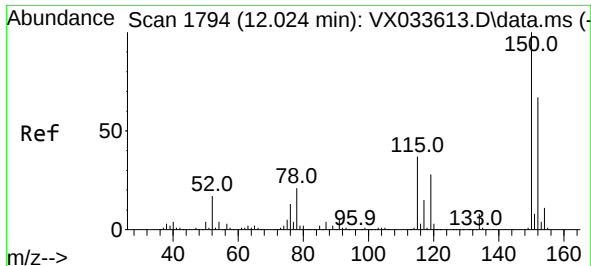
Tgt Ion:106 Resp: 1065
Ion Ratio Lower Upper
106 100
91 195.0 159.6 239.4



#70
Styrene
Concen: 0.239 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion:104 Resp: 793
Ion Ratio Lower Upper
104 100
78 40.2 39.3 58.9
103 50.2 43.3 64.9

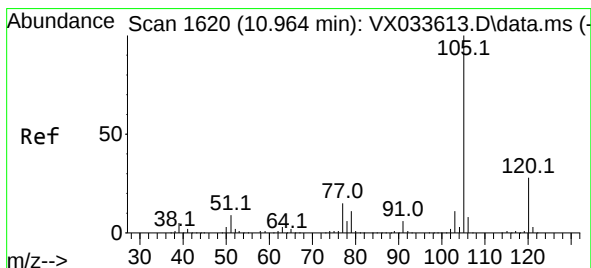
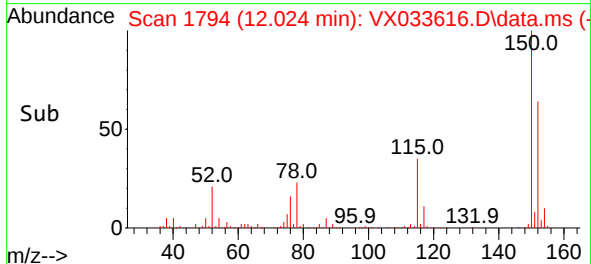
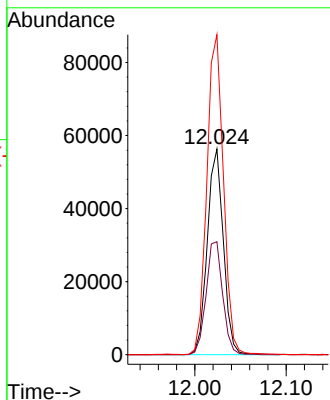
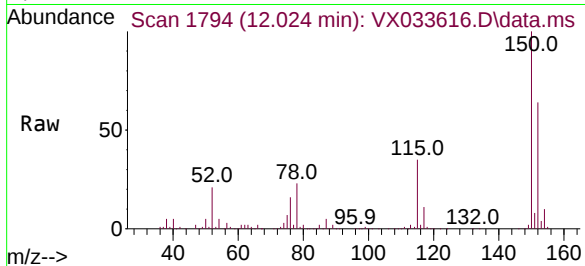




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

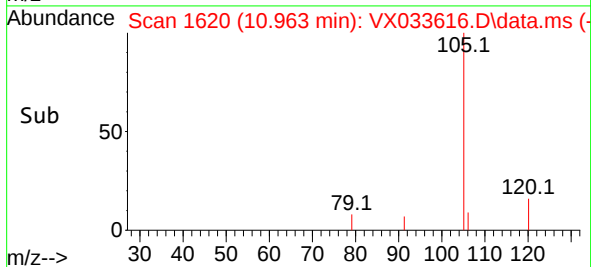
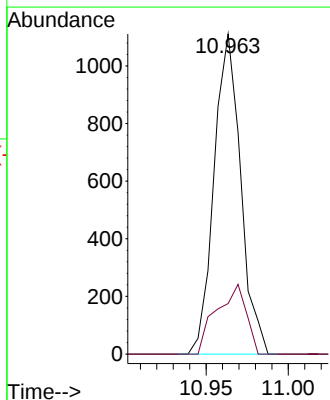
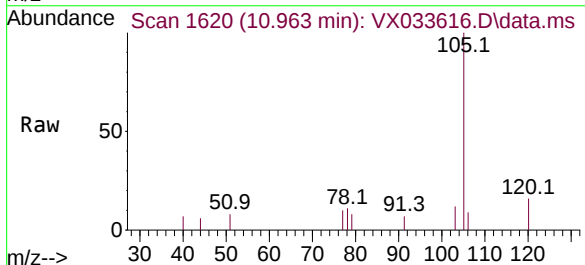
Instrument :
MSVOA_X
ClientSampleId :
IBLK

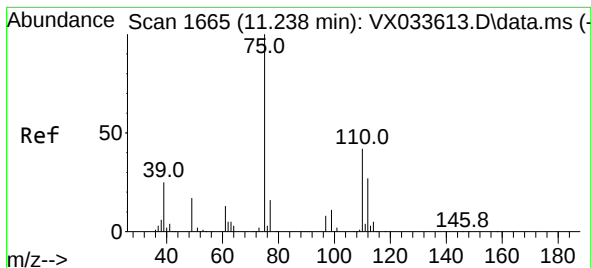
Tgt Ion:152 Resp: 68643
Ion Ratio Lower Upper
152 100
115 56.8 38.5 115.5
150 160.7 0.0 340.4



#73
Isopropylbenzene
Concen: 0.258 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion:105 Resp: 1250
Ion Ratio Lower Upper
105 100
120 24.2 13.7 41.0





#76

1,2,3-Trichloropropane

Concen: 29.030 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

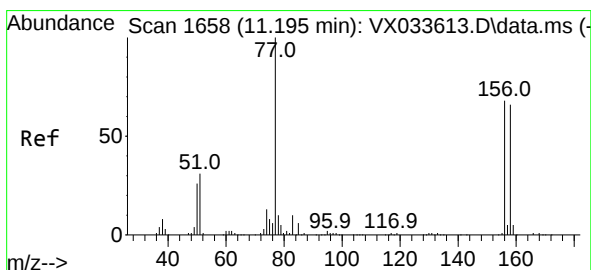
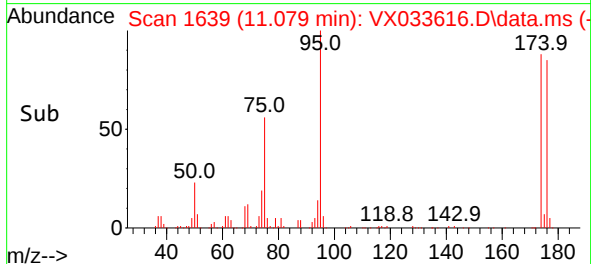
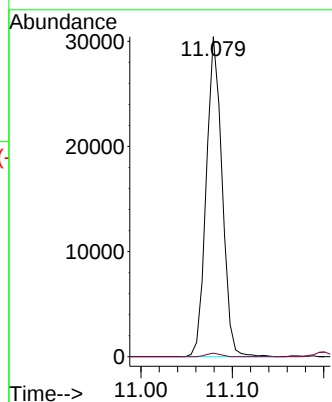
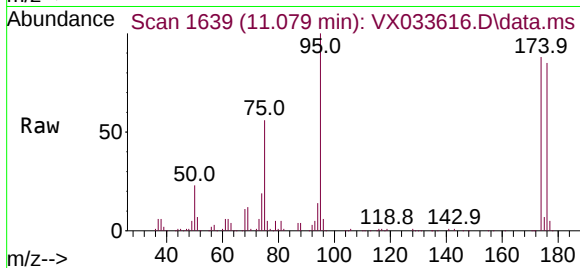
IBLK

Tgt Ion: 75 Resp: 36507

Ion Ratio Lower Upper

75 100

77 1.0 21.3 63.9#



#77

Bromobenzene

Concen: 0.347 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

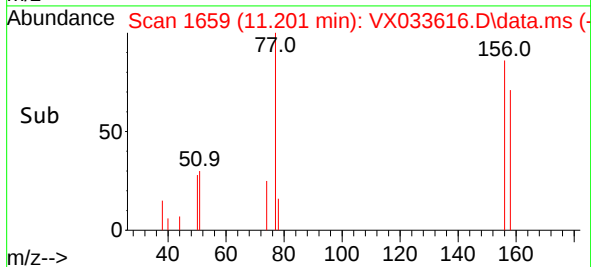
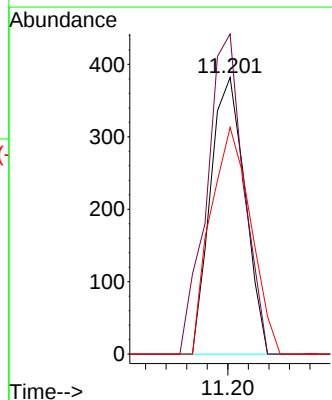
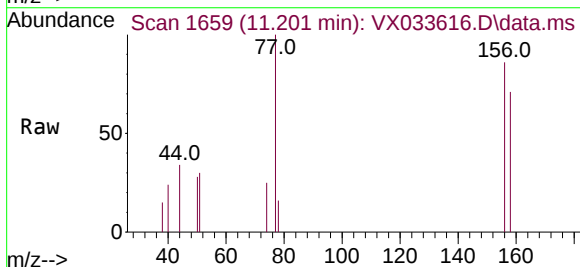
Tgt Ion:156 Resp: 445

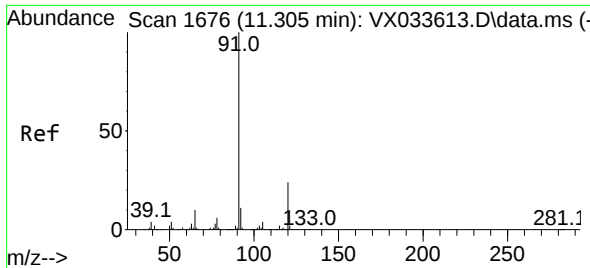
Ion Ratio Lower Upper

156 100

77 123.6 70.9 212.6

158 95.5 48.3 144.9

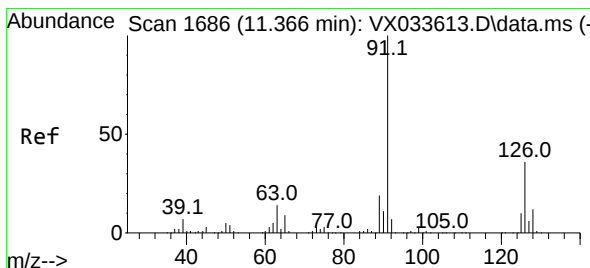
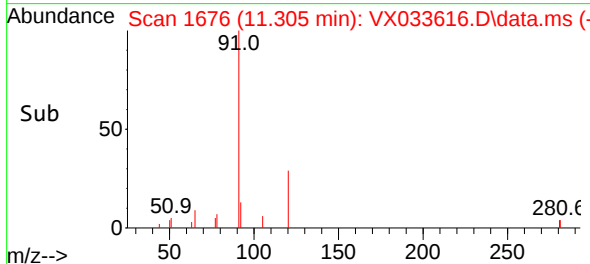
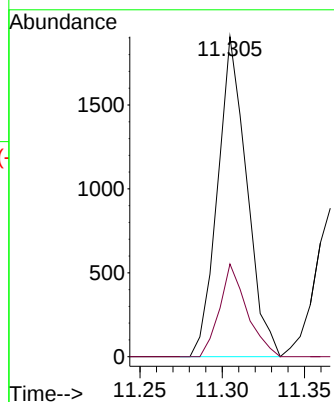
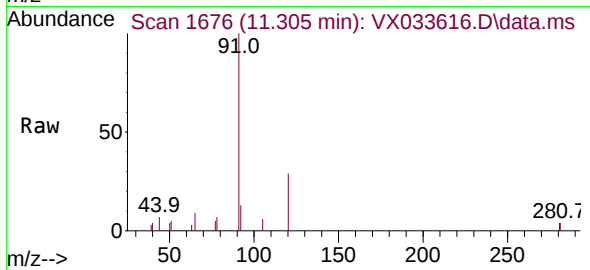




#78
n-propylbenzene
Concen: 0.427 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

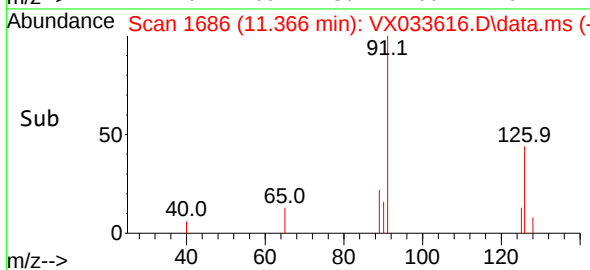
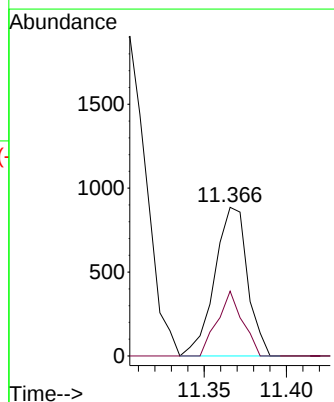
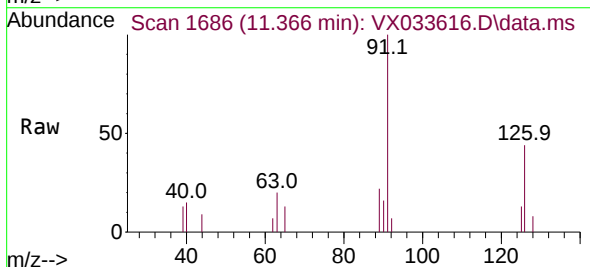
Instrument :
MSVOA_X
ClientSampleId :
IBLK

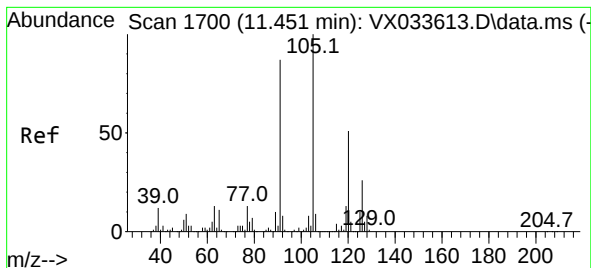
Tgt Ion: 91 Resp: 2344
Ion Ratio Lower Upper
91 100
120 27.1 12.2 36.6



#79
2-Chlorotoluene
Concen: 0.373 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 91 Resp: 1230
Ion Ratio Lower Upper
91 100
126 33.4 17.6 52.9





#80

1,3,5-Trimethylbenzene

Concen: 0.337 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

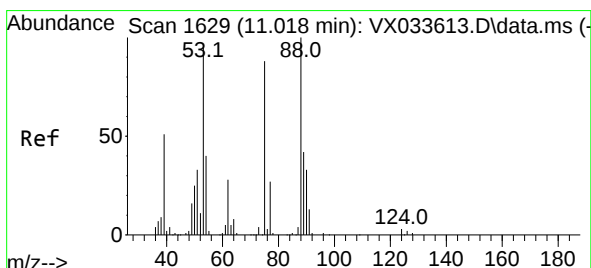
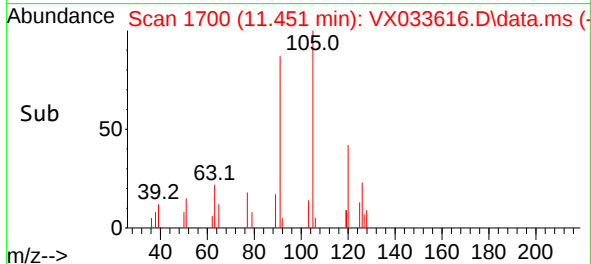
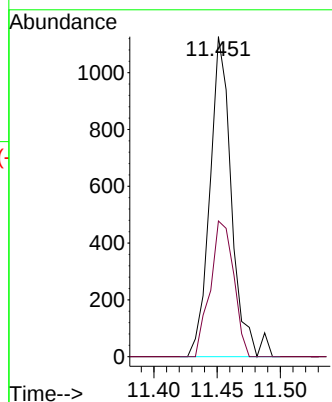
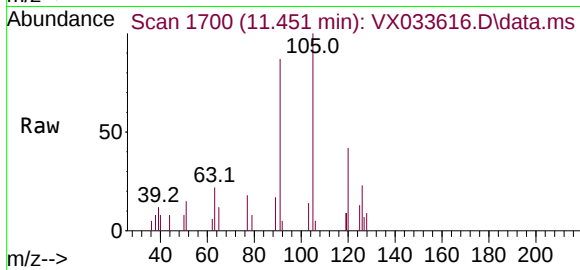
IBLK

Tgt Ion:105 Resp: 1344

Ion Ratio Lower Upper

105 100

120 45.6 25.5 76.5



#81

trans-1,4-Dichloro-2-butene

Concen: 88.110 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

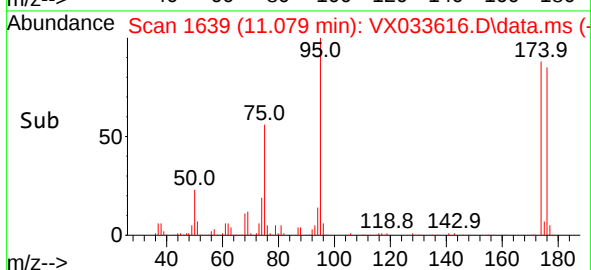
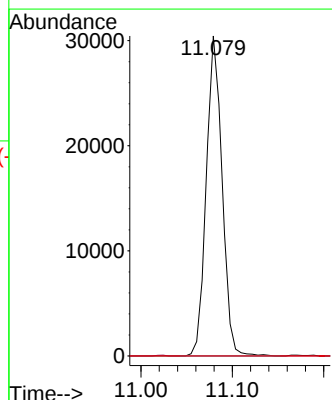
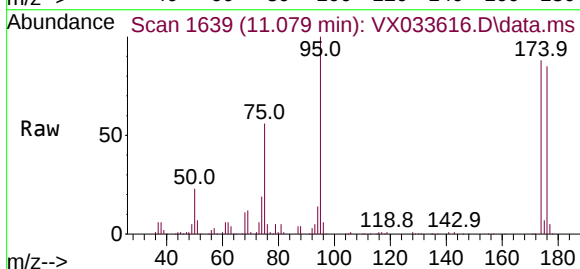
Tgt Ion: 75 Resp: 36507

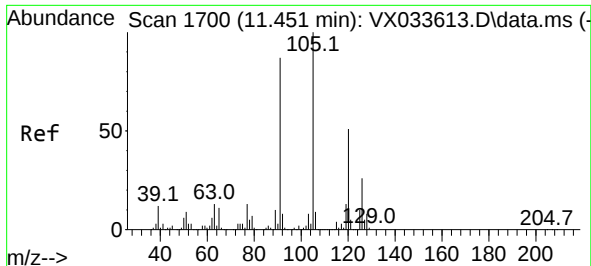
Ion Ratio Lower Upper

75 100

53 0.0 86.4 129.6#

89 0.0 37.4 56.2#

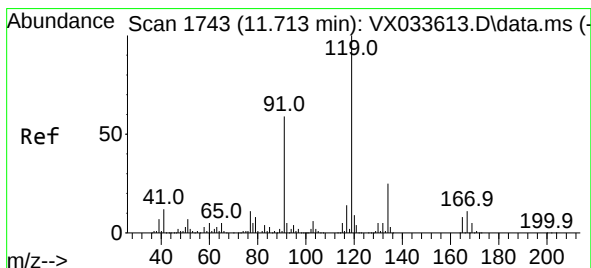
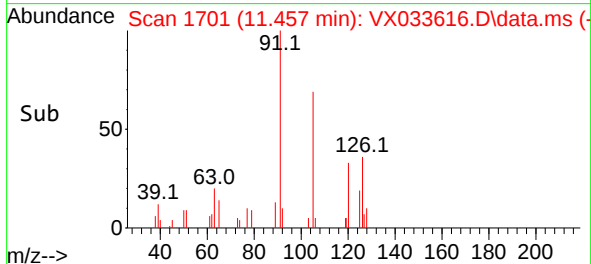
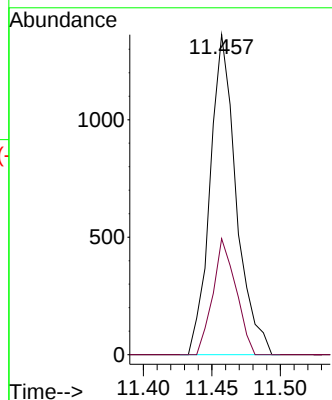
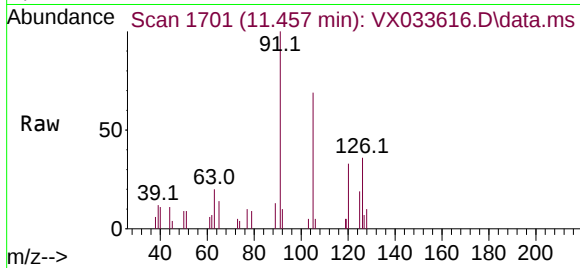




#82
4-Chlorotoluene
Concen: 0.475 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

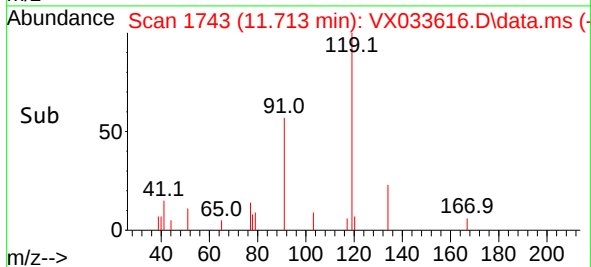
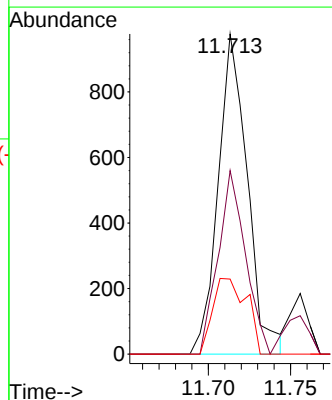
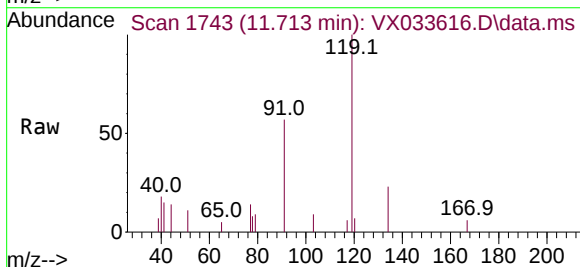
Instrument :
MSVOA_X
ClientSampleId :
IBLK

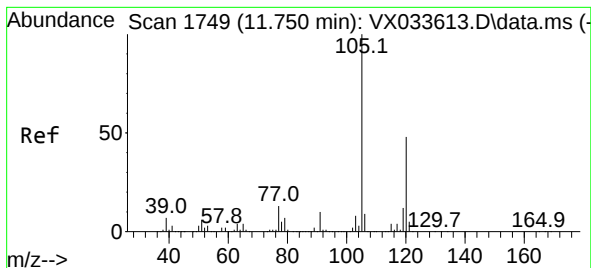
Tgt Ion: 91 Resp: 1812
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.0



#83
tert-Butylbenzene
Concen: 0.289 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 119 Resp: 1205
Ion Ratio Lower Upper
119 100
91 53.7 27.9 83.6
134 27.4 12.2 36.6





#84

1,2,4-Trimethylbenzene

Concen: 0.348 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

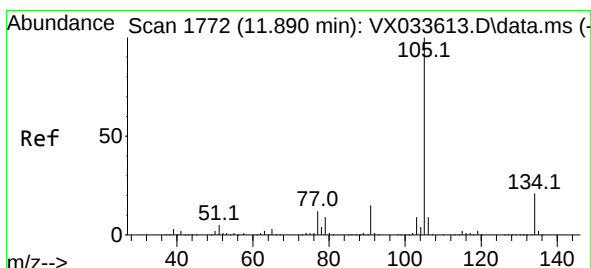
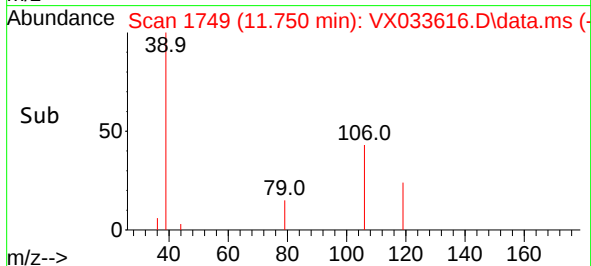
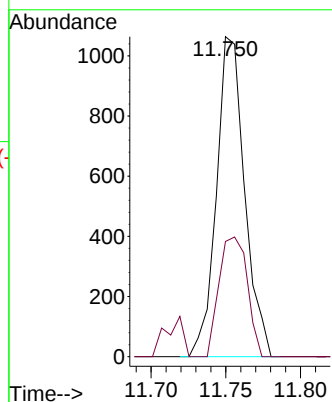
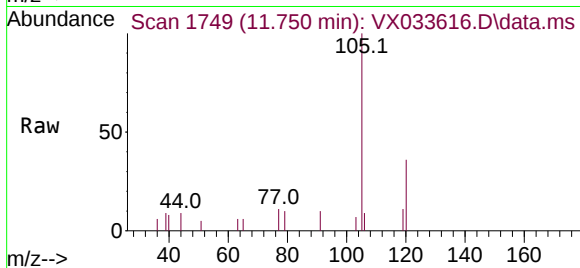
IBLK

Tgt Ion:105 Resp: 1394

Ion Ratio Lower Upper

105 100

120 37.5 23.4 70.0



#85

sec-Butylbenzene

Concen: 0.427 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX033616.D

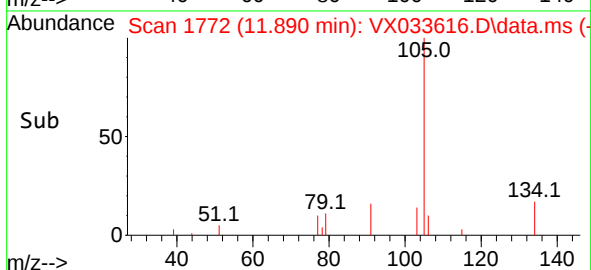
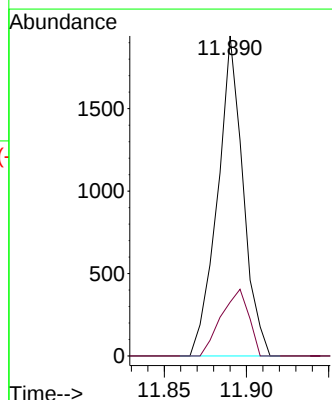
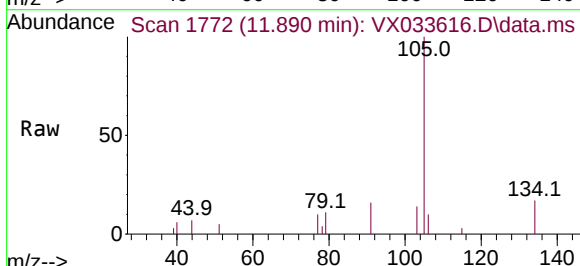
Acq: 04 Jan 2023 13:24

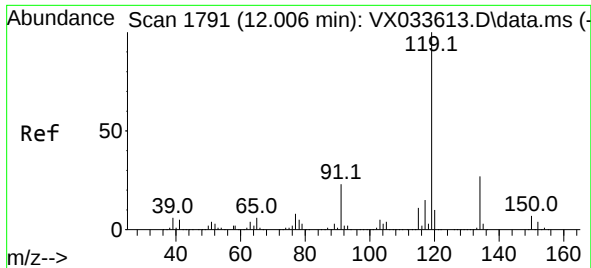
Tgt Ion:105 Resp: 2099

Ion Ratio Lower Upper

105 100

134 22.4 10.8 32.4

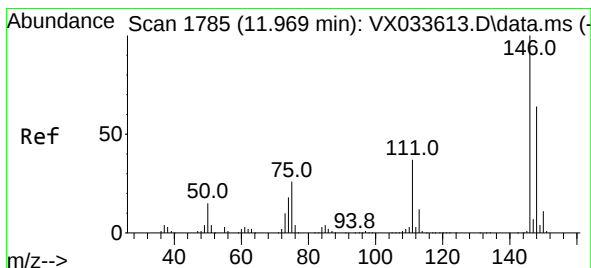
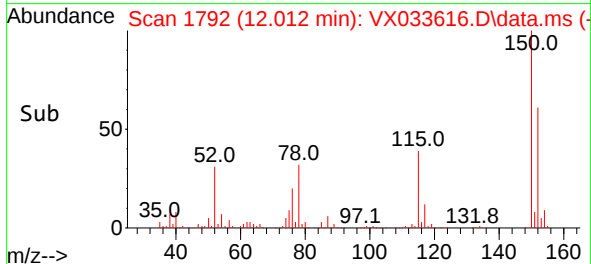
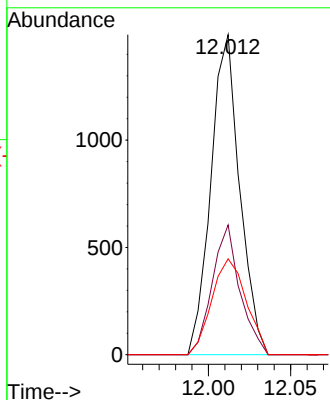
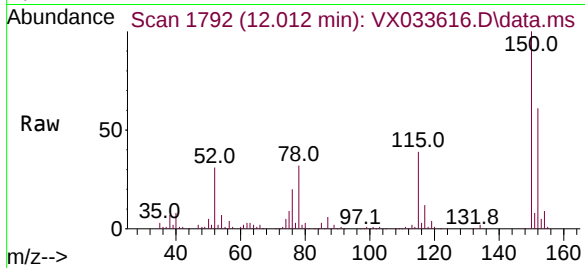




#86
p-Isopropyltoluene
Concen: 0.433 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

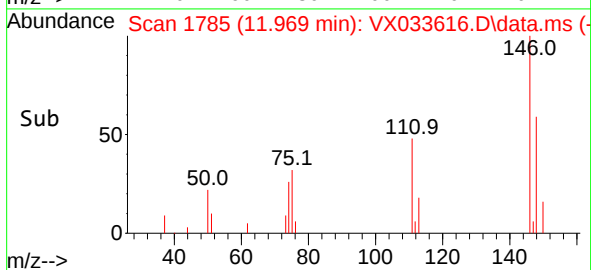
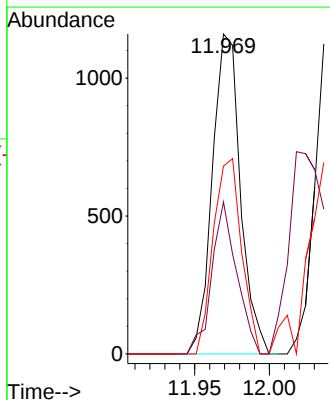
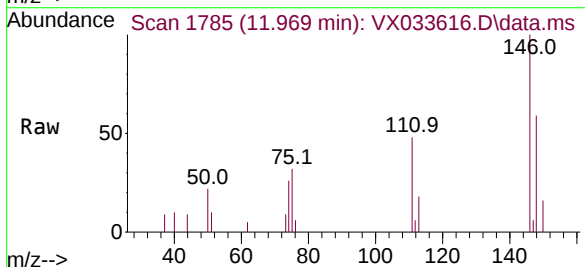
Instrument :
MSVOA_X
ClientSampleId :
IBLK

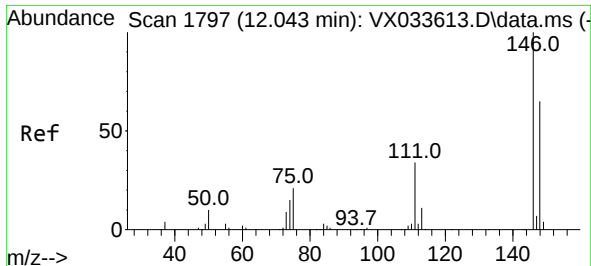
Tgt Ion:119 Resp: 1820
Ion Ratio Lower Upper
119 100
134 39.0 13.4 40.2
91 35.8 11.2 33.6#



#87
1,3-Dichlorobenzene
Concen: 0.656 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion:146 Resp: 1514
Ion Ratio Lower Upper
146 100
111 42.2 18.9 56.5
148 61.4 32.0 96.0

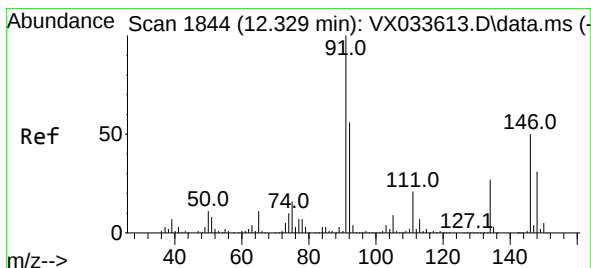
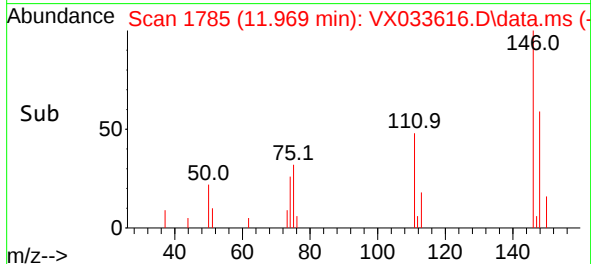
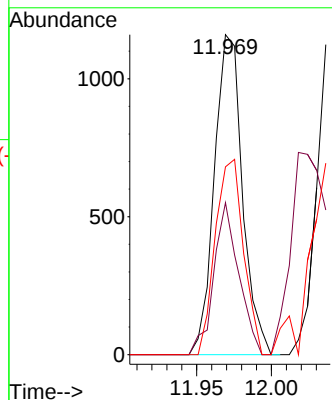
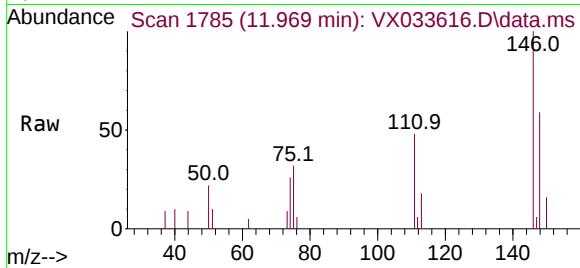




#88
1,4-Dichlorobenzene
Concen: 0.670 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

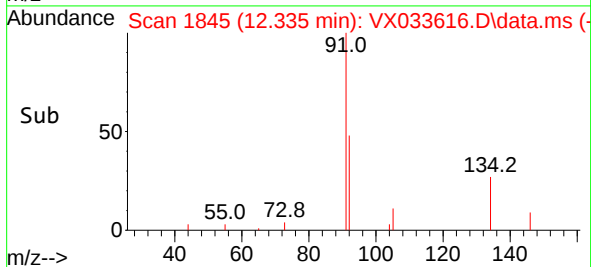
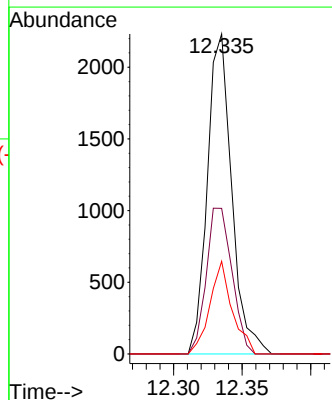
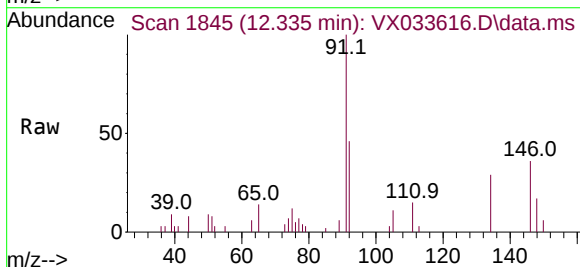
Instrument :
MSVOA_X
ClientSampleId :
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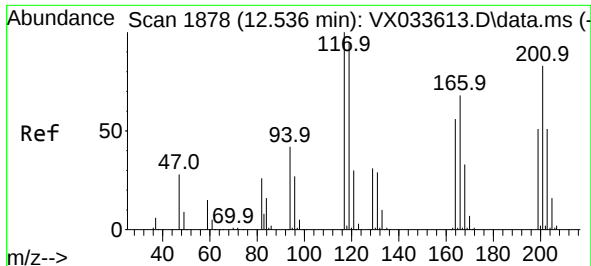
Tgt Ion:146 Resp: 1514
Ion Ratio Lower Upper
146 100
111 42.2 18.2 54.6
148 61.4 32.2 96.6



#89
n-Butylbenzene
Concen: 0.786 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion: 91 Resp: 2762
Ion Ratio Lower Upper
91 100
92 48.1 27.6 82.7
134 26.6 14.1 42.4

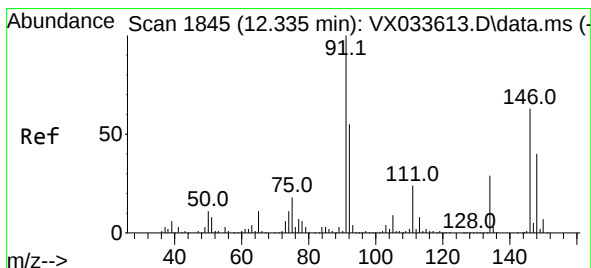
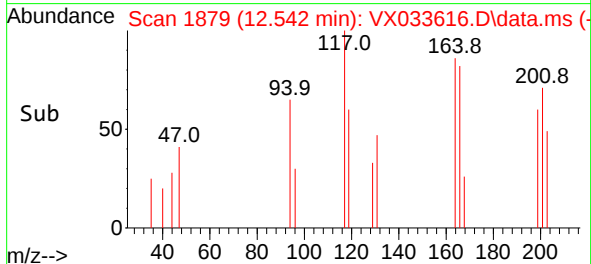
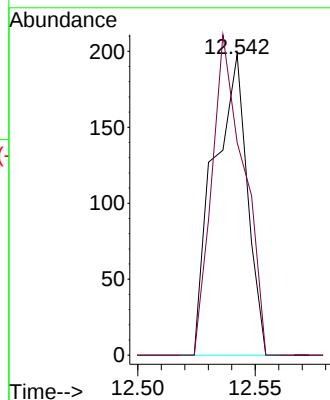
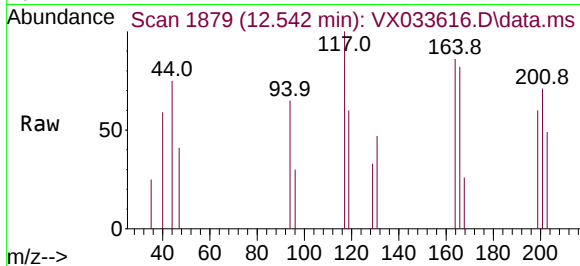




#90
Hexachloroethane
Concen: 0.288 ug/l
RT: 12.542 min Scan# 117
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

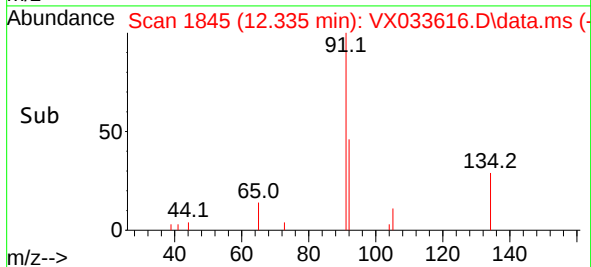
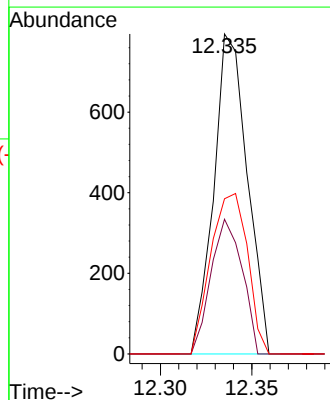
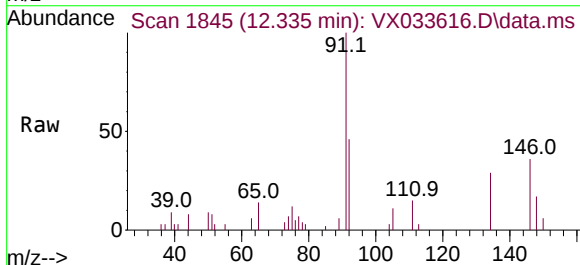
Instrument :
MSVOA_X
ClientSampleId :
IBLK

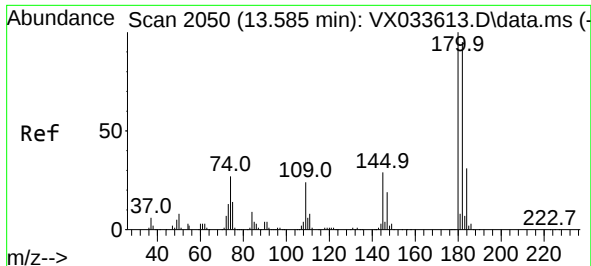
Tgt Ion:117 Resp: 195
Ion Ratio Lower Upper
117 100
201 102.1 45.6 136.7



#91
1,2-Dichlorobenzene
Concen: 0.459 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion:146 Resp: 1012
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 55.1 32.1 96.5

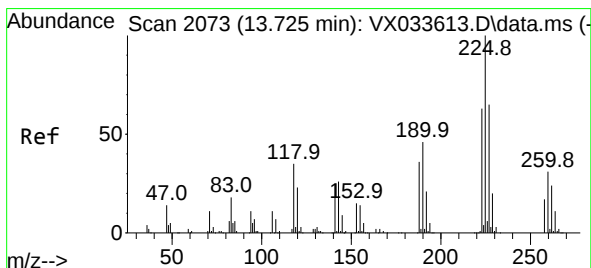
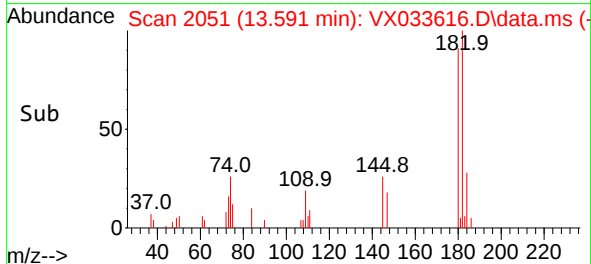
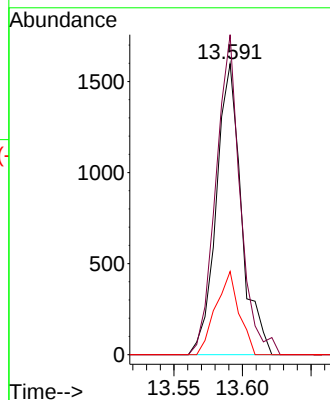
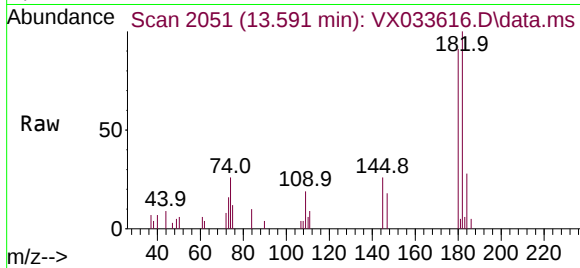




#93
1,2,4-Trichlorobenzene
Concen: 2.882 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

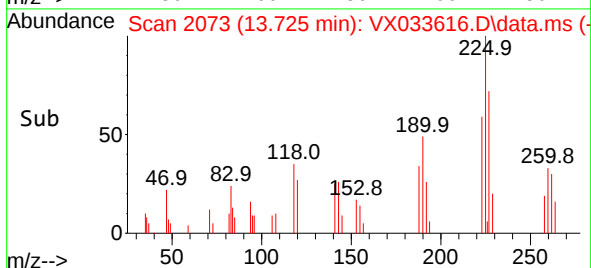
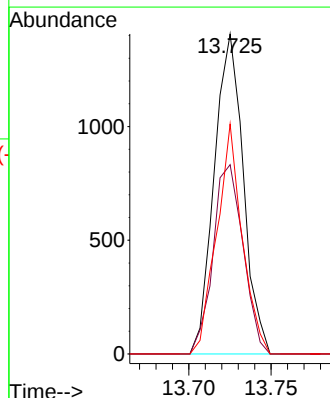
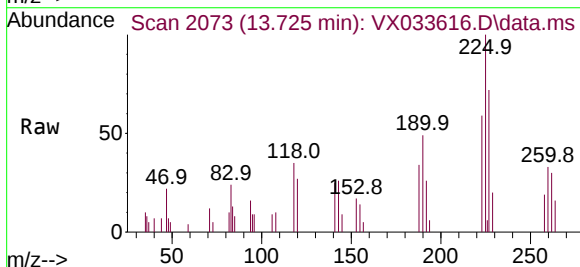
Instrument :
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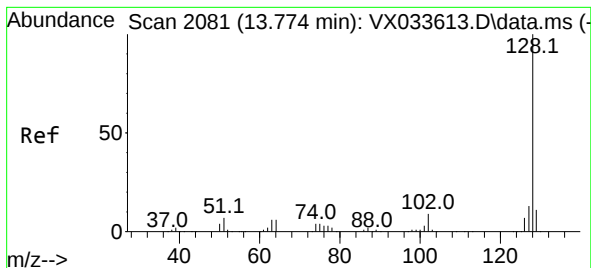
Tgt Ion:180 Resp: 2033
Ion Ratio Lower Upper
180 100
182 106.9 47.4 142.2
145 26.5 14.1 42.2



#94
Hexachlorobutadiene
Concen: 2.561 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033616.D
Acq: 04 Jan 2023 13:24

Tgt Ion:225 Resp: 1727
Ion Ratio Lower Upper
225 100
223 61.3 31.4 94.3
227 63.3 31.9 95.5





#95

Naphthalene

Concen: 3.967 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

IBLK

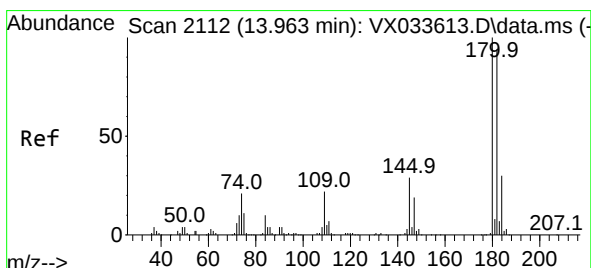
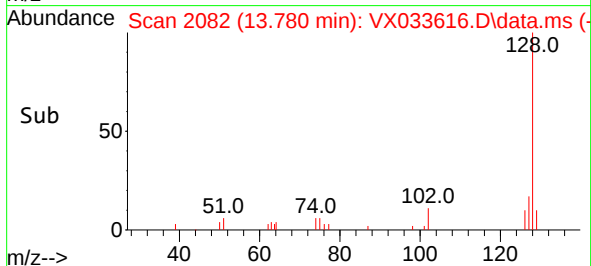
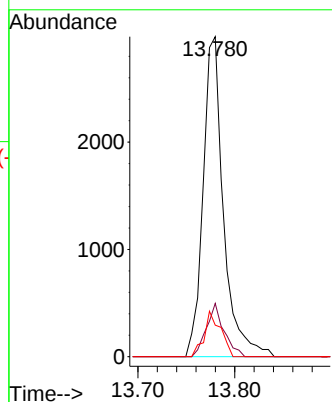
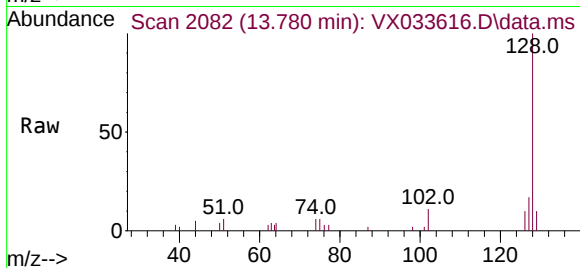
Tgt Ion:128 Resp: 4374

Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 11.4 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 4.978 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033616.D

Acq: 04 Jan 2023 13:24

Tgt Ion:180 Resp: 2121

Ion Ratio Lower Upper

180 100

182 87.5 47.2 141.6

145 29.1 15.0 45.0

