

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027701.D
 Acq On : 25 Mar 2022 14:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 25 16:38:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	120782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107060	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49623	44.338	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.680%
35) Dibromofluoromethane	5.385	113	40859	51.514	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.020%
50) Toluene-d8	8.653	98	148001	48.270	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.085	95	56111	45.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	260	0.328	ug/l	98
3) Chloromethane	1.295	50	421	0.513	ug/l	# 76
4) Vinyl Chloride	1.374	62	180	0.228	ug/l	97
5) Bromomethane	1.605	94	445	1.407	ug/l	97
6) Chloroethane	1.679	64	511	1.011	ug/l	# 43
7) Trichlorofluoromethane	1.886	101	368	0.316	ug/l	# 83
9) 1,1,2-Trichlorotrifluo...	2.325	101	370	0.476	ug/l	87
10) Methyl Iodide	2.459	142	1065	4.098	ug/l	# 94
12) 1,1-Dichloroethene	2.313	96	214	0.295	ug/l	# 41
13) Acrolein	2.240	56	210	1.440	ug/l	# 57
15) Acrylonitrile	3.075	53	607	1.189	ug/l	# 84
16) Acetone	2.386	43	563	1.189	ug/l	# 39
17) Carbon Disulfide	2.508	76	2985	1.535	ug/l	98
20) Methylene Chloride	2.788	84	289	0.342	ug/l	# 87
21) trans-1,2-Dichloroethene	3.093	96	578	0.717	ug/l	93
23) Vinyl Acetate	3.733	43	619	0.259	ug/l	# 66
29) Tetrahydrofuran	5.038	42	232	Below Cal	#	25
36) 1,1-Dichloropropene	5.690	75	369	0.295	ug/l	# 80
38) Carbon Tetrachloride	5.556	117	7349	6.003	ug/l	# 15
39) Methylcyclohexane	7.385	83	473	0.328	ug/l	# 87
44) Trichloroethene	7.141	130	386	0.431	ug/l	74
52) Toluene	8.732	92	497	0.230	ug/l	82
53) t-1,3-Dichloropropene	8.988	75	220	1.801	ug/l	# 79
58) 2-Chloroethyl Vinyl ether	8.251	63	177	0.241	ug/l	# 70
59) 2-Hexanone	9.446	43	297	0.251	ug/l	# 54
60) Dibromochloromethane	9.275	129	319	0.375	ug/l	# 9
64) Tetrachloroethene	9.287	164	307	Below Cal	#	71
65) Chlorobenzene	10.086	112	629	0.279	ug/l	# 88
67) Ethyl Benzene	10.201	91	940	0.224	ug/l	98
68) m/p-Xylenes	10.305	106	840	0.552	ug/l	85
70) Styrene	10.659	104	582	0.239	ug/l	92
73) Isopropylbenzene	10.964	105	974	0.271	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	32256	26.499	ug/l	# 38
77) Bromobenzene	11.201	156	230	0.290	ug/l	77
78) n-propylbenzene	11.305	91	1553	0.365	ug/l	95
79) 2-Chlorotoluene	11.366	91	883	0.329	ug/l	82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

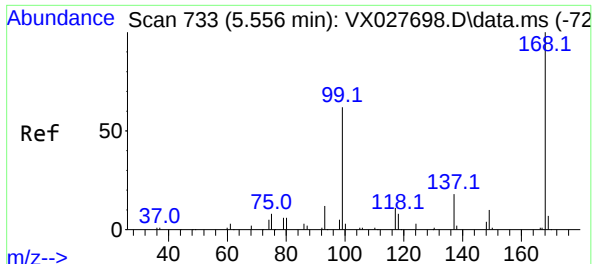
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 25 16:38:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
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 Response via : Initial Calibration

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

80) 1,3,5-Trimethylbenzene	11.451	105	983	0.318	ug/l	85
81) trans-1,4-Dichloro-2-b...	11.079	75	32256	90.198	ug/l #	15
82) 4-Chlorotoluene	11.457	91	1291	0.418	ug/l	93
83) tert-Butylbenzene	11.713	119	731	0.258	ug/l	75
84) 1,2,4-Trimethylbenzene	11.756	105	843	0.269	ug/l	88
85) sec-Butylbenzene	11.896	105	1378	0.371	ug/l	90
86) p-Isopropyltoluene	12.012	119	1108	0.379	ug/l #	74
87) 1,3-Dichlorobenzene	11.976	146	813	0.548	ug/l	89
88) 1,4-Dichlorobenzene	11.976	146	813	0.529	ug/l	88
89) n-Butylbenzene	12.335	91	1513	0.547	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	424	0.295	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	786	0.927	ug/l	95
94) Hexachlorobutadiene	13.725	225	698	1.691	ug/l	88
95) Naphthalene	13.780	128	2003	0.643	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	621	0.733	ug/l	92

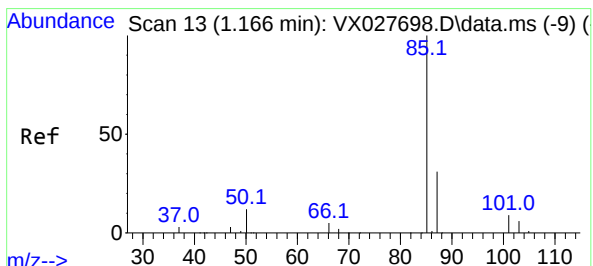
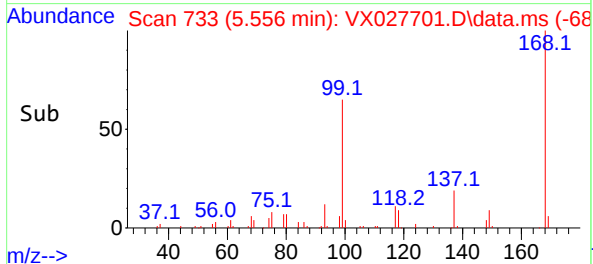
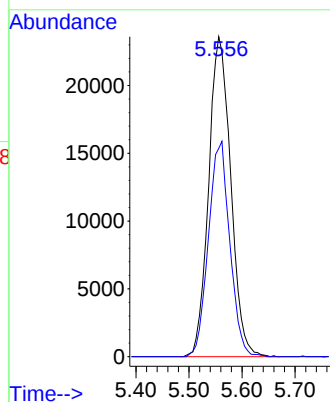
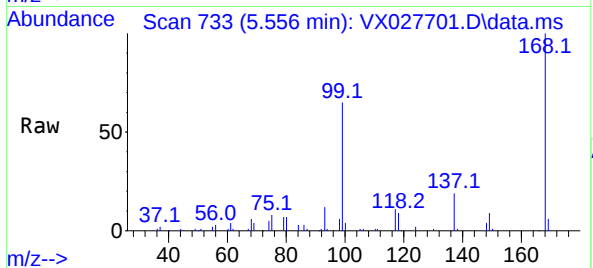
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

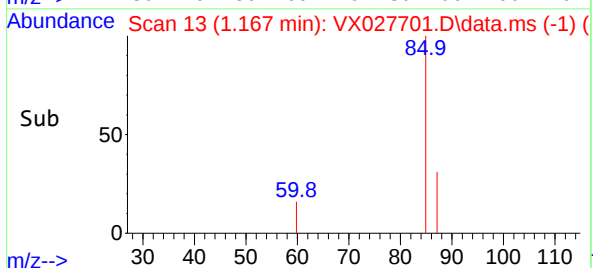
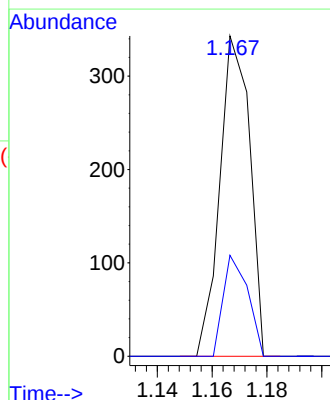
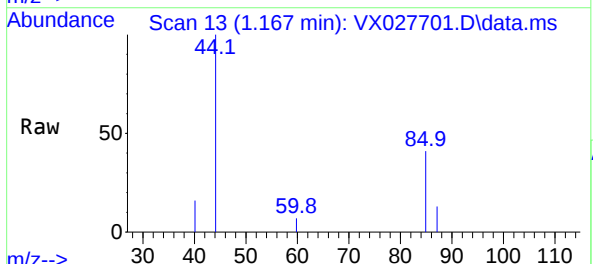
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 68238
Ion Ratio Lower Upper
168 100
99 65.1 41.7 62.5#

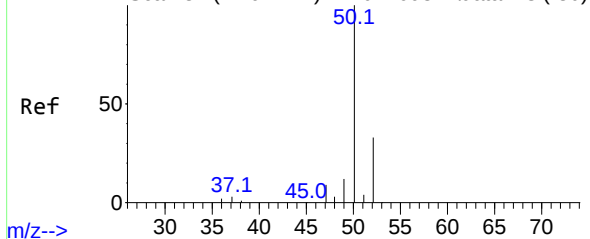


#2
Dichlorodifluoromethane
Concen: 0.328 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 85 Resp: 260
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.6



Abundance Scan 34 (1.294 min): VX027698.D\data.ms (-30)

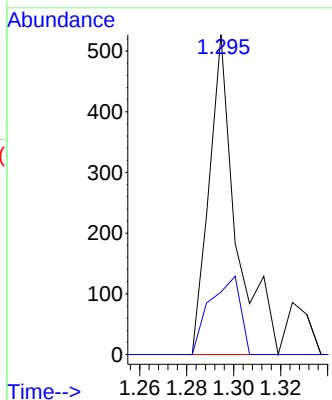
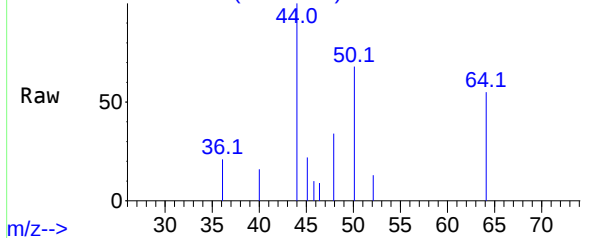


#3
Chloromethane
Concen: 0.513 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

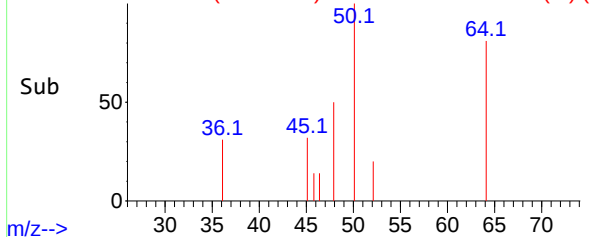
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 50 Resp: 421
Ion Ratio Lower Upper
50 100
52 19.5 26.4 39.6#

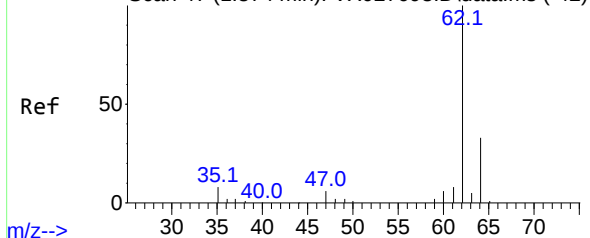
Abundance Scan 34 (1.295 min): VX027701.D\data.ms



Abundance Scan 34 (1.295 min): VX027701.D\data.ms (-1)



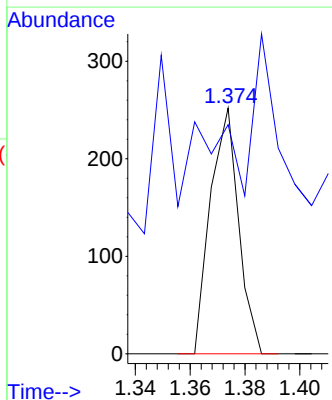
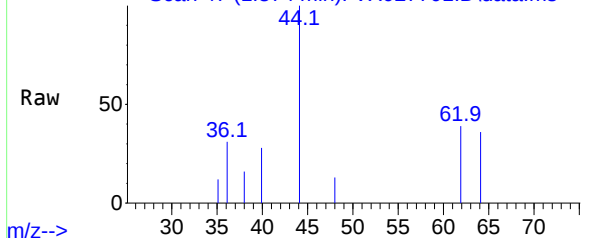
Abundance Scan 47 (1.374 min): VX027698.D\data.ms (-42)



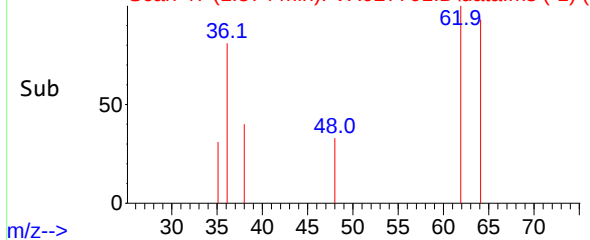
#4
Vinyl Chloride
Concen: 0.228 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

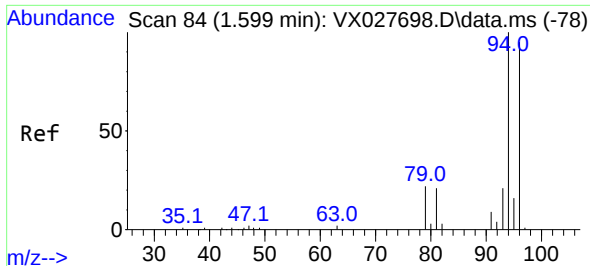
Tgt Ion: 62 Resp: 180
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3

Abundance Scan 47 (1.374 min): VX027701.D\data.ms



Abundance Scan 47 (1.374 min): VX027701.D\data.ms (-1)

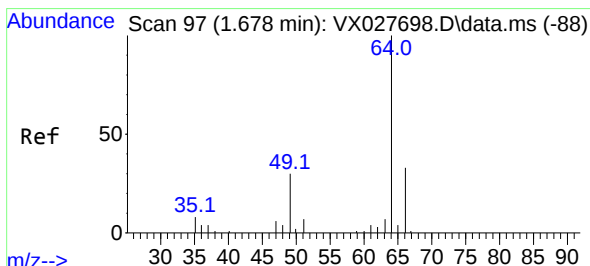
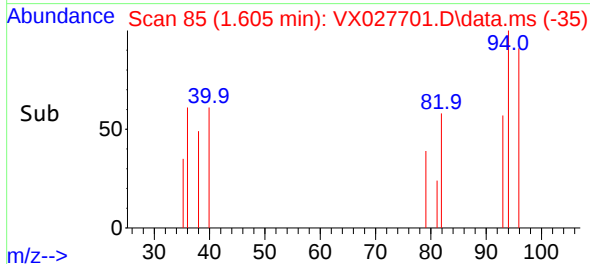
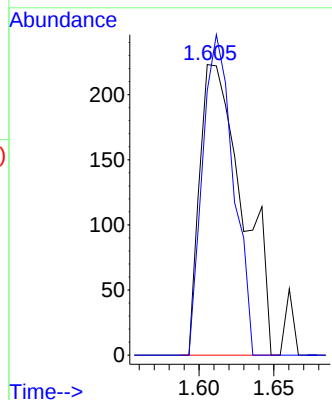
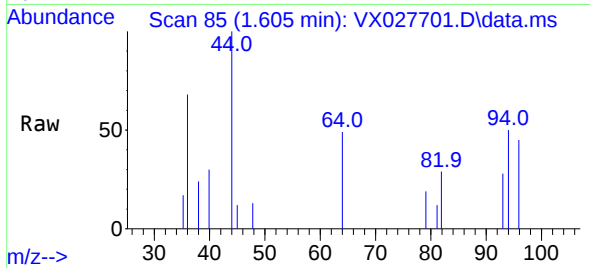




#5
Bromomethane
Concen: 1.407 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

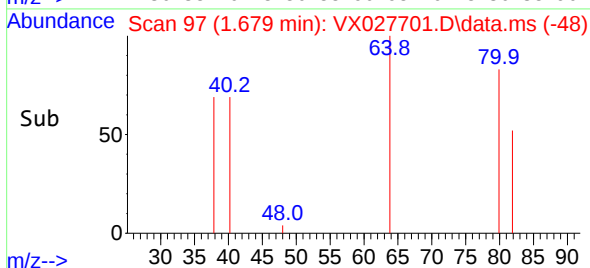
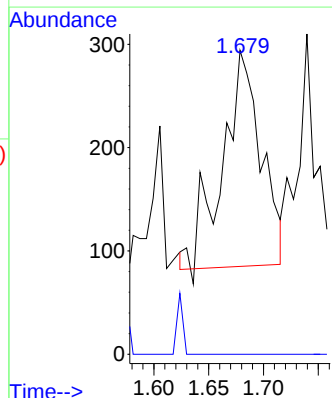
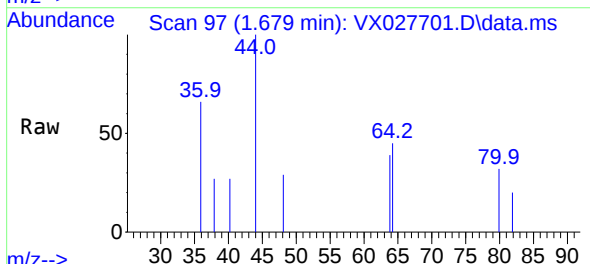
Instrument :
MSVOA_X
ClientSampleId :
IBLK

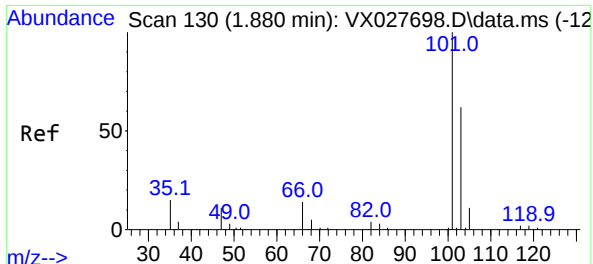
Tgt Ion: 94 Resp: 445
Ion Ratio Lower Upper
94 100
96 91.0 75.3 112.9



#6
Chloroethane
Concen: 1.011 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 64 Resp: 511
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

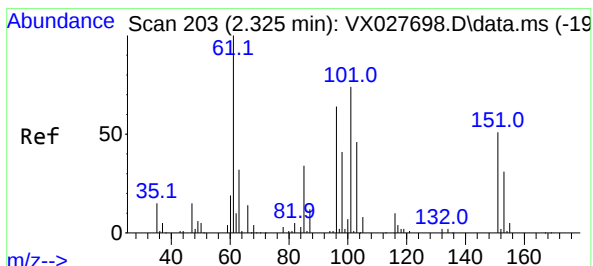
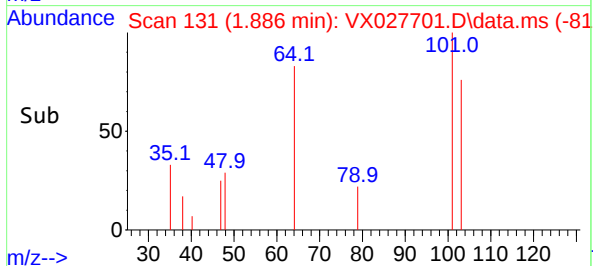
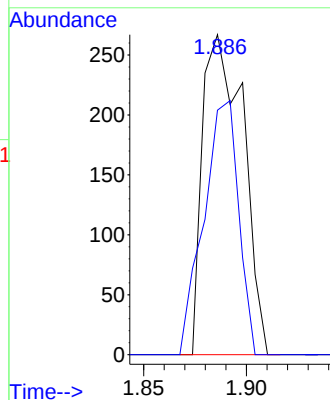
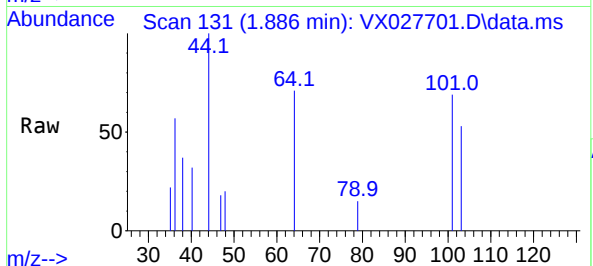




#7
 Trichlorofluoromethane
 Concen: 0.316 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX027701.D
 Acq: 25 Mar 2022 14:28

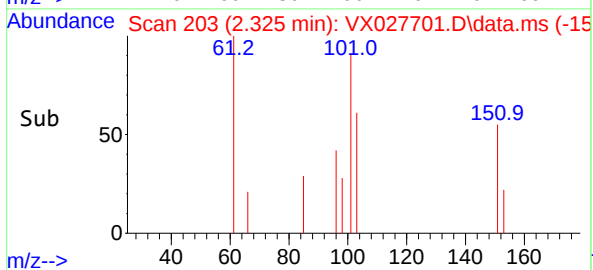
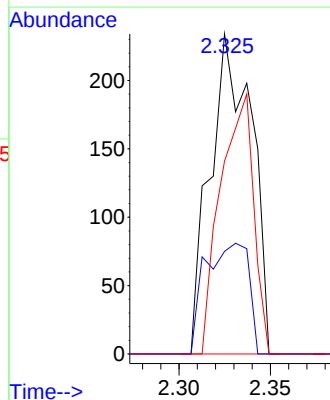
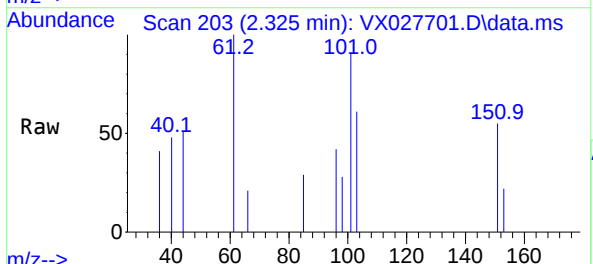
Instrument :
 MSVOA_X
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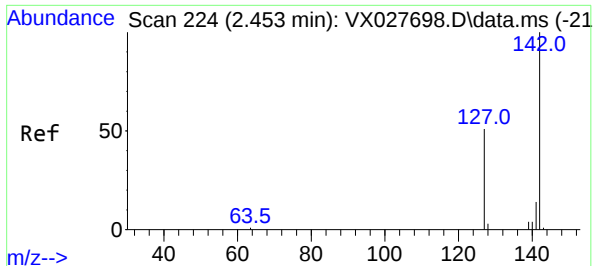
Tgt Ion:101 Resp: 368
 Ion Ratio Lower Upper
 101 100
 103 76.4 50.5 75.7#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.476 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.000 min
 Lab File: VX027701.D
 Acq: 25 Mar 2022 14:28

Tgt Ion:101 Resp: 370
 Ion Ratio Lower Upper
 101 100
 85 36.2 33.5 50.3
 151 64.6 61.8 92.6

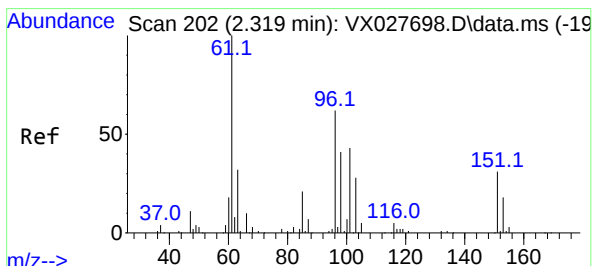
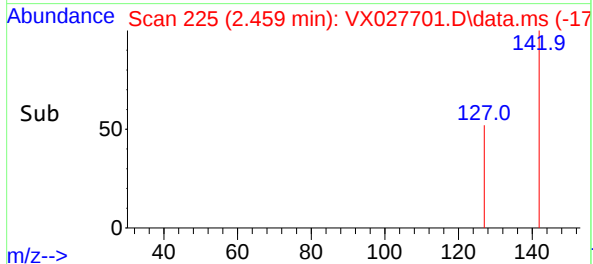
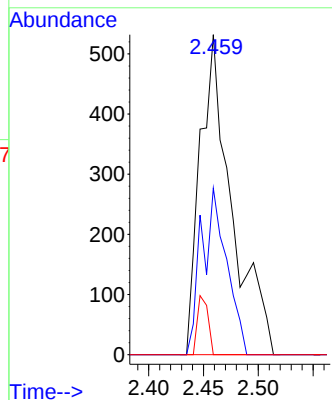
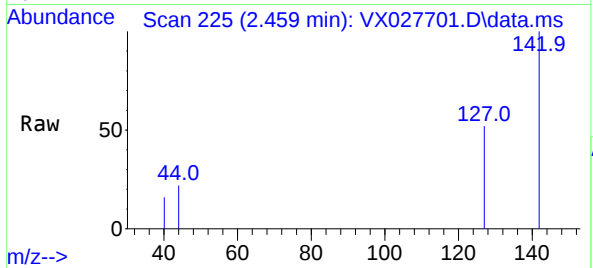




#10
Methyl Iodide
Concen: 4.098 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

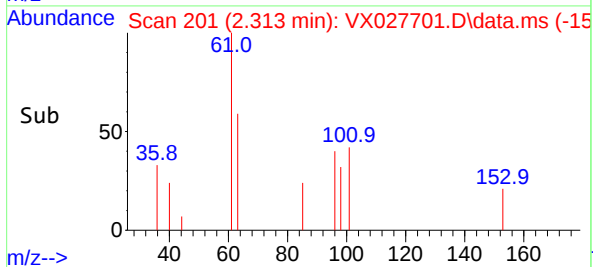
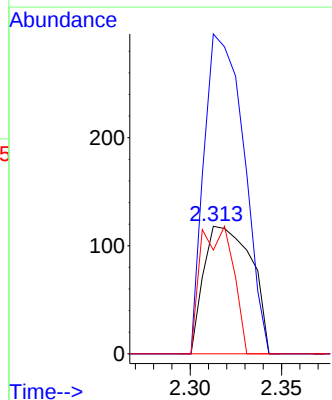
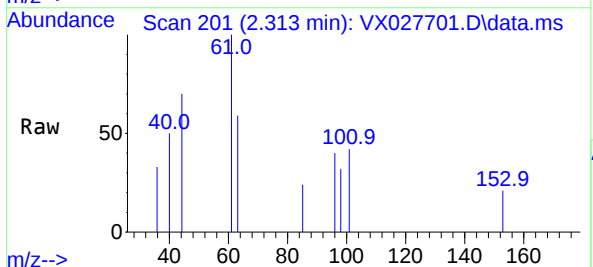
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:142 Resp: 1065
Ion Ratio Lower Upper
142 100
127 41.3 33.9 50.9
141 6.2 11.4 17.2#

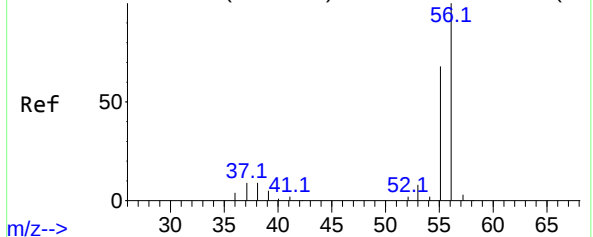


#12
1,1-Dichloroethene
Concen: 0.295 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

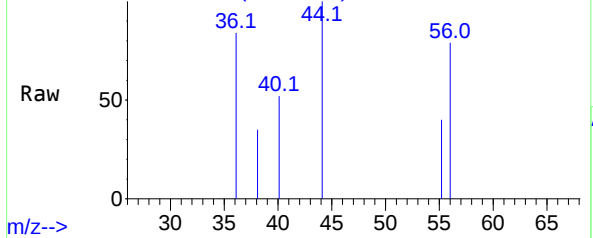
Tgt Ion: 96 Resp: 214
Ion Ratio Lower Upper
96 100
61 250.8 124.6 187.0#
98 81.4 51.0 76.4#



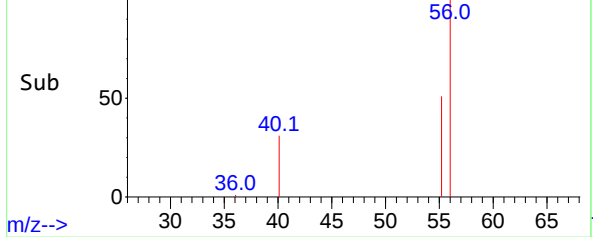
Abundance Scan 188 (2.233 min): VX027698.D\data.ms (-18



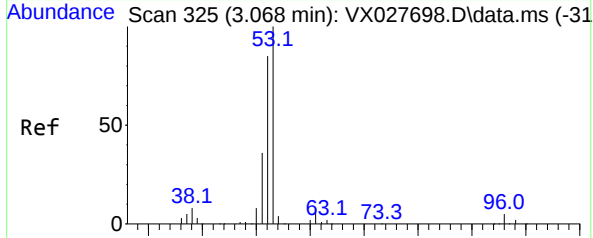
m/z--> Scan 189 (2.240 min): VX027701.D\data.ms



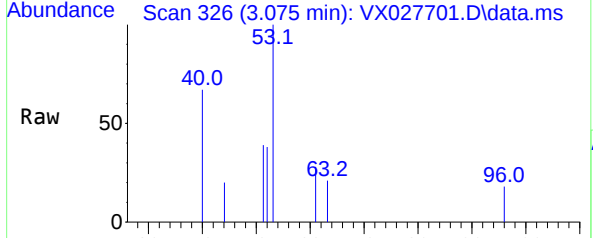
m/z--> Abundance Scan 189 (2.240 min): VX027701.D\data.ms (-13



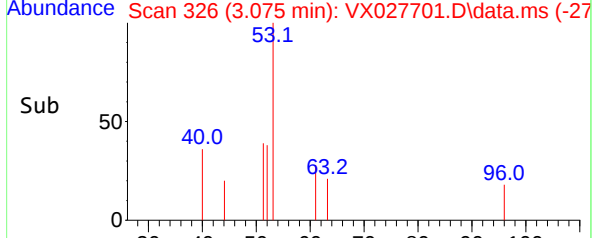
m/z--> Abundance Scan 325 (3.068 min): VX027698.D\data.ms (-31



m/z--> Abundance Scan 326 (3.075 min): VX027701.D\data.ms



m/z--> Abundance Scan 326 (3.075 min): VX027701.D\data.ms (-27



m/z--> Time-->

#13

Acrolein

Concen: 1.440 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027701.D

Acq: 25 Mar 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

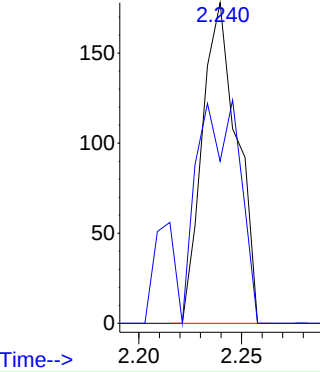
Tgt Ion: 56 Resp: 210

Ion Ratio Lower Upper

56 100

55 103.8 55.0 82.6#

Abundance



#15

Acrylonitrile

Concen: 1.189 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.007 min

Lab File: VX027701.D

Acq: 25 Mar 2022 14:28

Tgt Ion: 53 Resp: 607

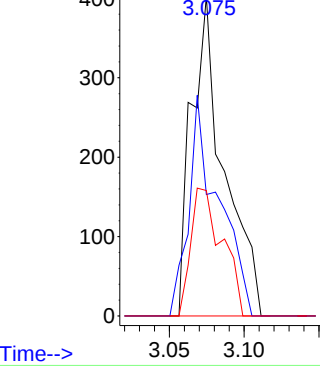
Ion Ratio Lower Upper

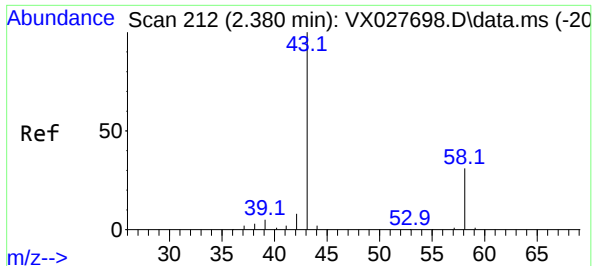
53 100

52 63.3 65.7 98.5#

51 38.7 28.4 42.6

Abundance

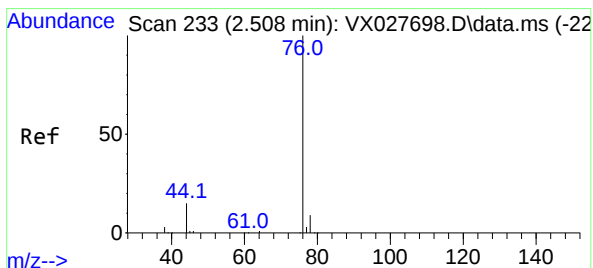
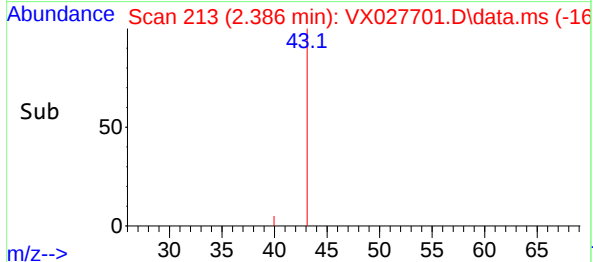
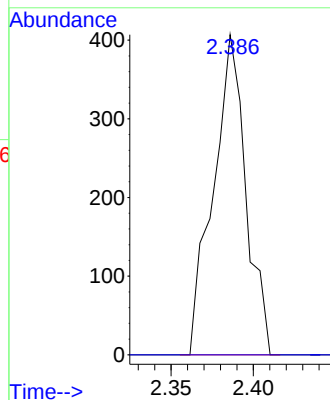
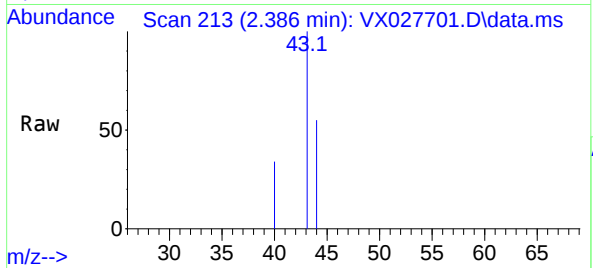




#16
Acetone
Concen: 1.189 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

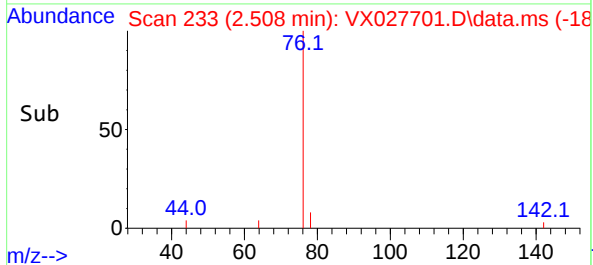
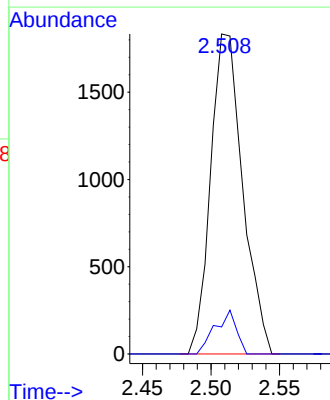
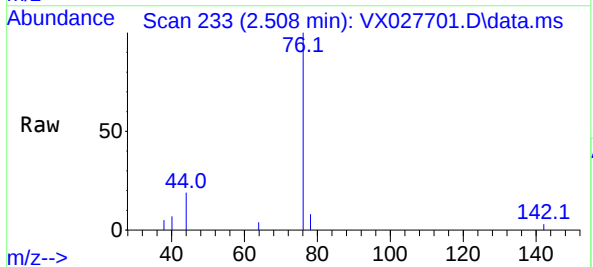
Instrument :
MSVOA_X
ClientSampleId :
IBLK

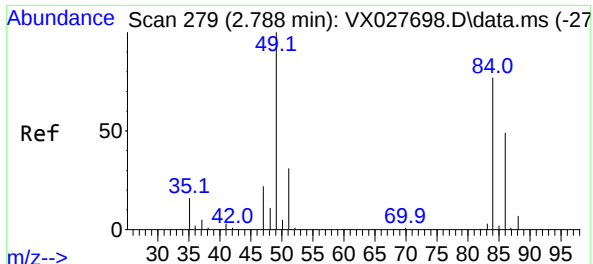
Tgt Ion: 43 Resp: 563
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#17
Carbon Disulfide
Concen: 1.535 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 76 Resp: 2985
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8





#20

Methylene Chloride

Concen: 0.342 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027701.D

Acq: 25 Mar 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 289

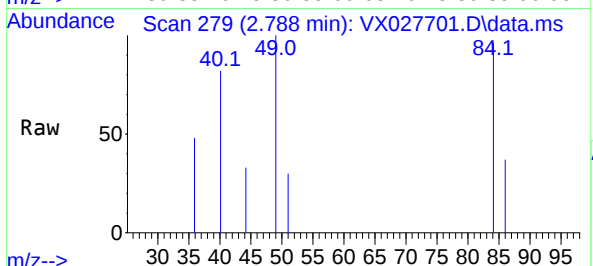
Ion Ratio Lower Upper

84 100

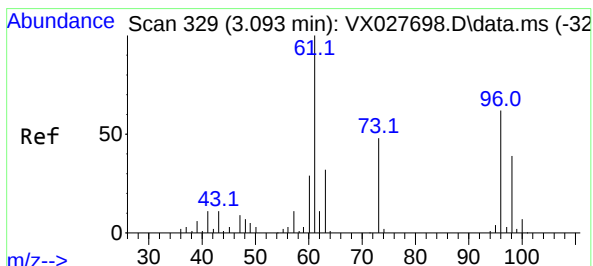
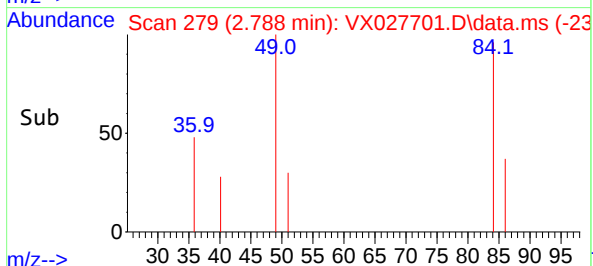
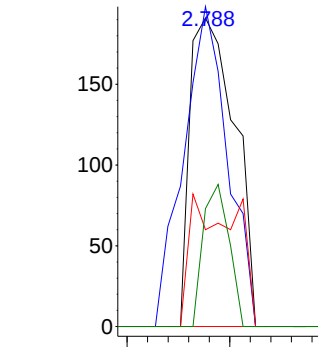
49 103.7 85.5 128.3

51 31.4 26.6 39.8

86 38.2 51.5 77.3#



Abundance



#21

trans-1,2-Dichloroethene

Concen: 0.717 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX027701.D

Acq: 25 Mar 2022 14:28

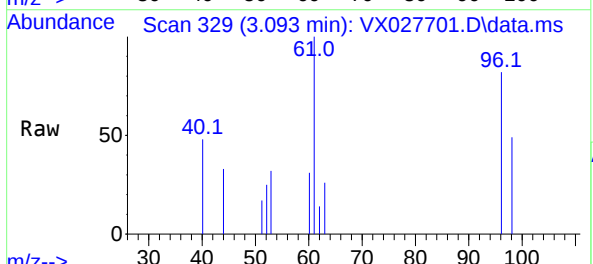
Tgt Ion: 96 Resp: 578

Ion Ratio Lower Upper

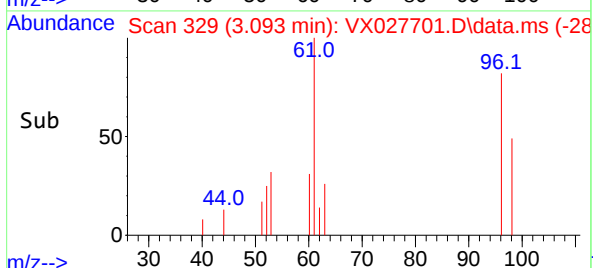
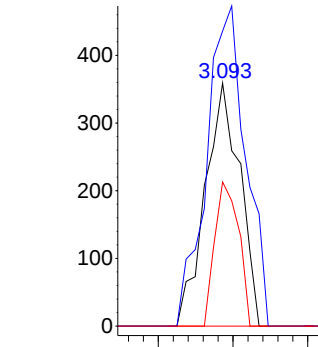
96 100

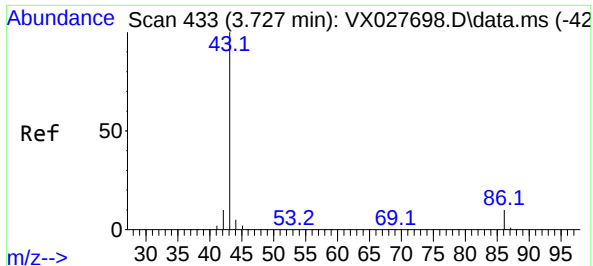
61 121.4 105.4 158.2

98 59.3 50.0 75.0



Abundance

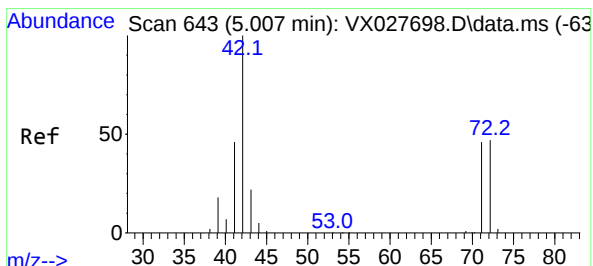
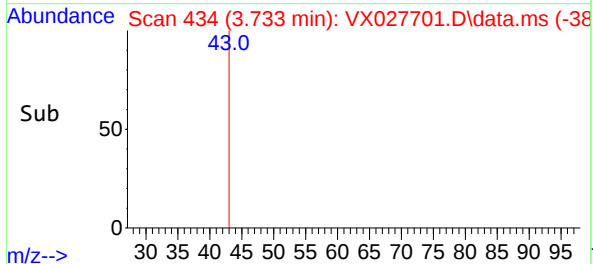
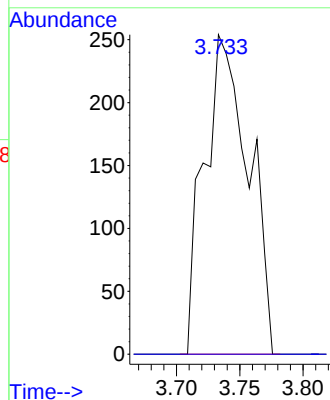
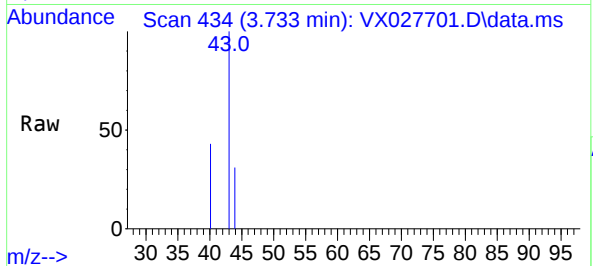




#23
 Vinyl Acetate
 Concen: 0.259 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX027701.D
 Acq: 25 Mar 2022 14:28

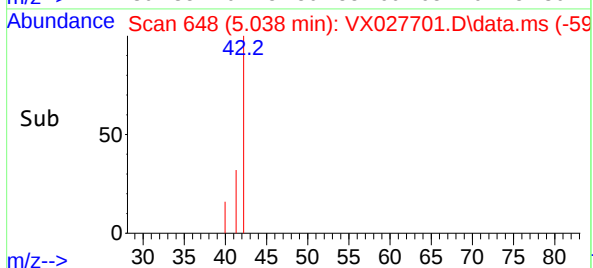
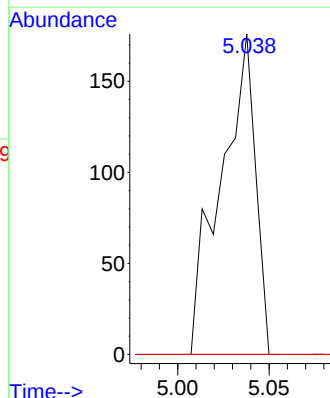
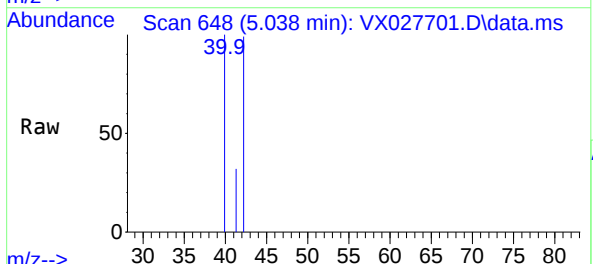
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

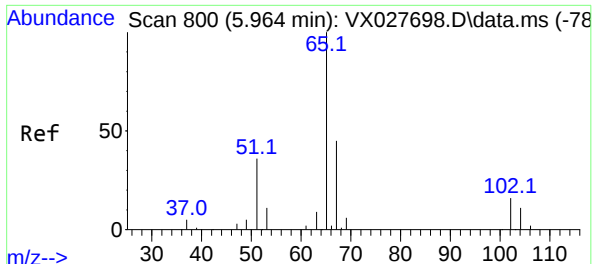
Tgt Ion: 43 Resp: 619
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#29
 Tetrahydrofuran
 Concen: Below Cal
 RT: 5.038 min Scan# 648
 Delta R.T. 0.031 min
 Lab File: VX027701.D
 Acq: 25 Mar 2022 14:28

Tgt Ion: 42 Resp: 232
 Ion Ratio Lower Upper
 42 100
 72 0.0 44.1 66.1#
 71 0.0 40.5 60.7#

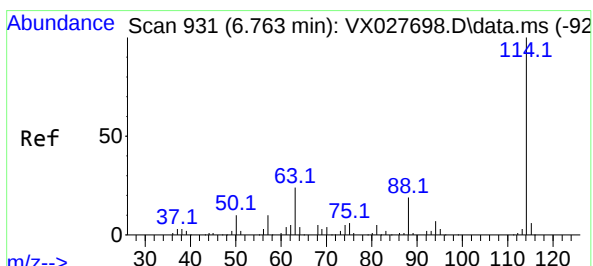
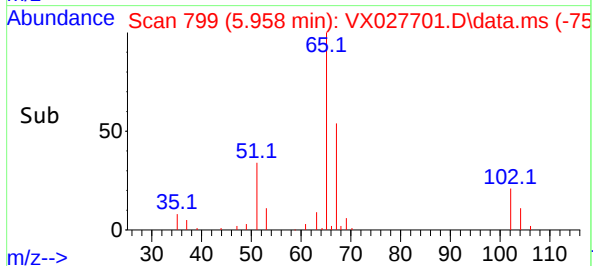
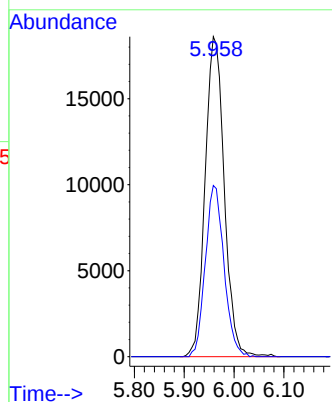
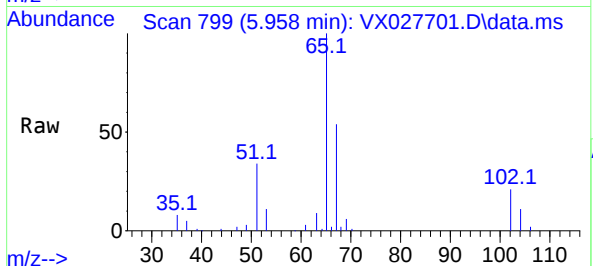




#33
 1,2-Dichloroethane-d4
 Concen: 44.338 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX027701.D
 Acq: 25 Mar 2022 14:28

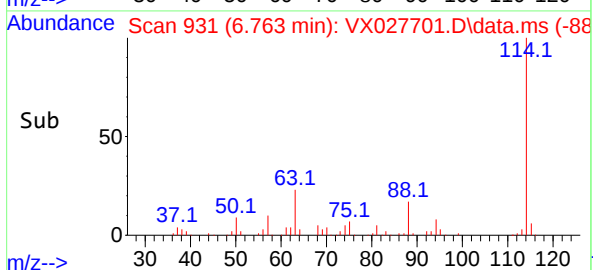
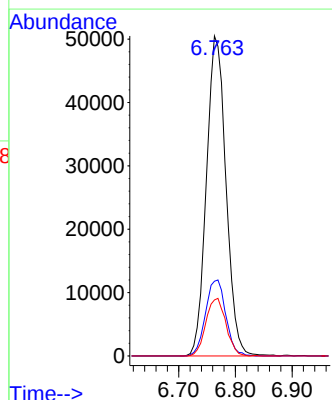
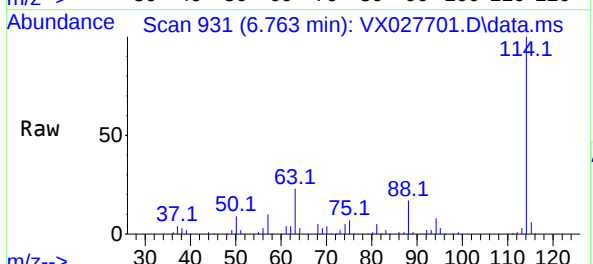
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

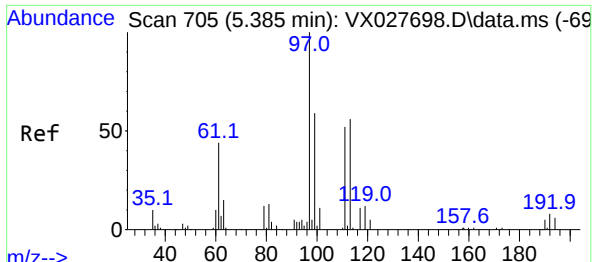
Tgt Ion: 65 Resp: 49623
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX027701.D
 Acq: 25 Mar 2022 14:28

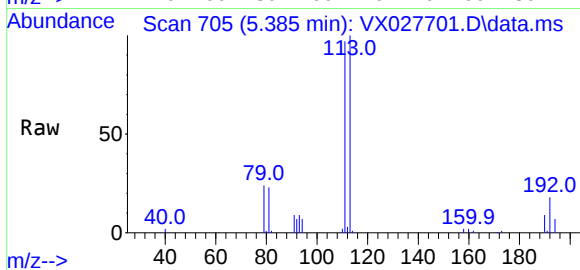
Tgt Ion: 114 Resp: 120782
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 36.8
 88 17.5 0.0 32.4



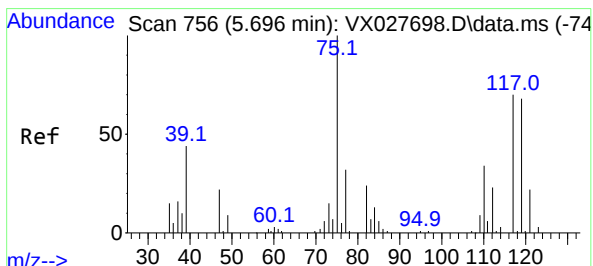
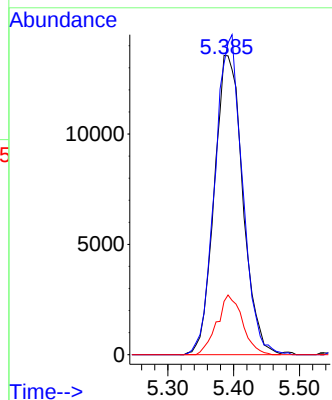
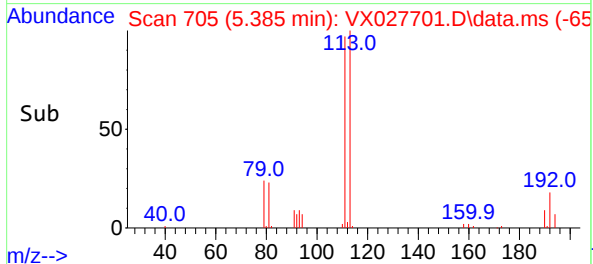


#35
Dibromofluoromethane
Concen: 51.514 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

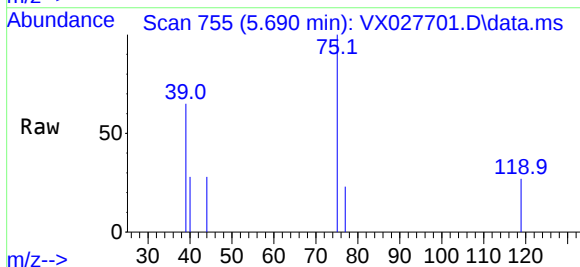
Instrument :
MSVOA_X
ClientSampleId :
IBLK



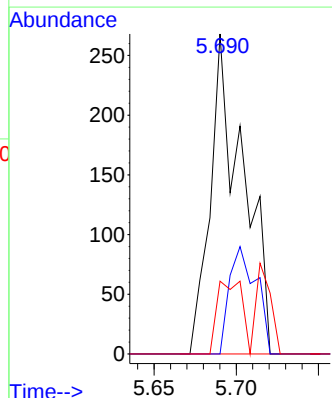
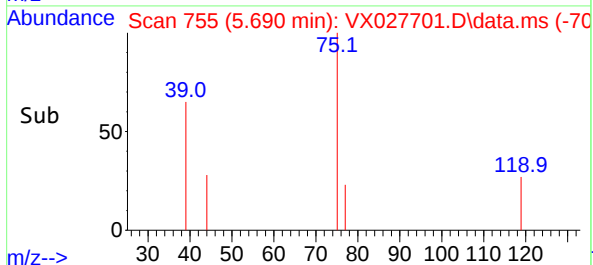
Tgt Ion:113 Resp: 40859
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 17.8 16.9 25.3

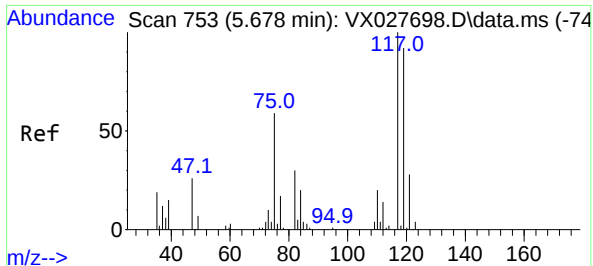


#36
1,1-Dichloropropene
Concen: 0.295 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28



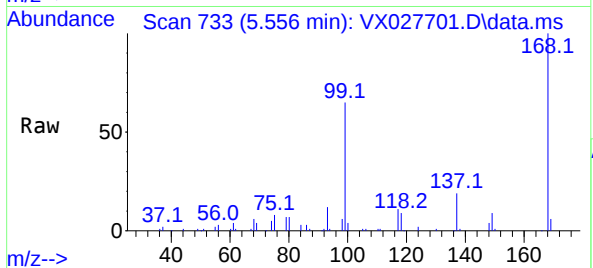
Tgt Ion: 75 Resp: 369
Ion Ratio Lower Upper
75 100
110 27.6 18.3 54.8
77 17.3 24.8 37.2#



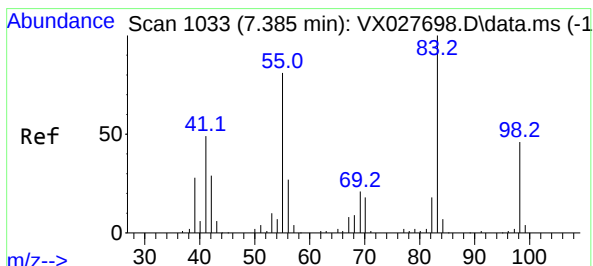
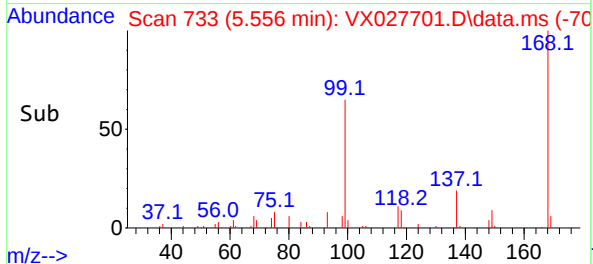
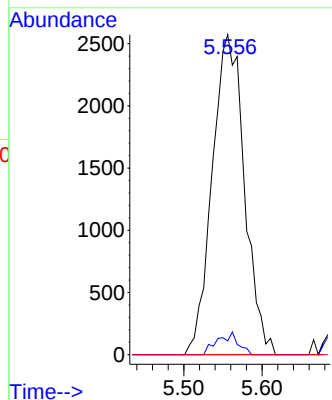


#38
Carbon Tetrachloride
Concen: 6.003 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Instrument :
MSVOA_X
ClientSampleId :
IBLK

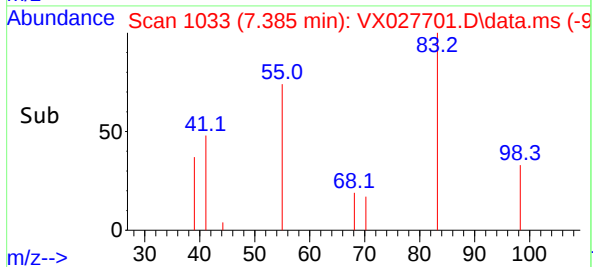
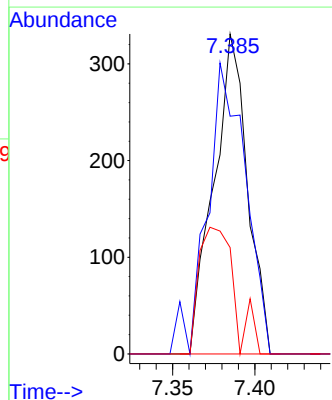
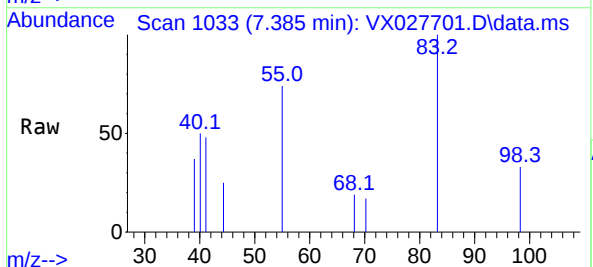


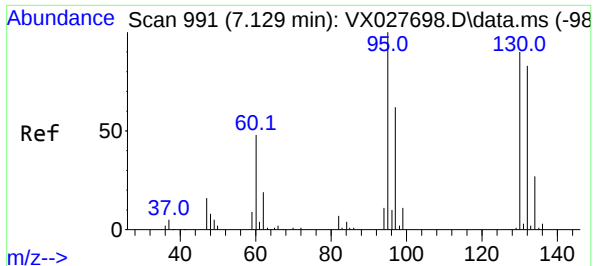
Tgt Ion:117 Resp: 7349
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.328 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 83 Resp: 473
Ion Ratio Lower Upper
83 100
55 74.3 54.6 81.8
98 33.2 37.4 56.2#

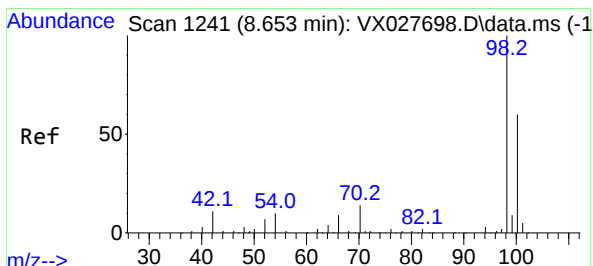
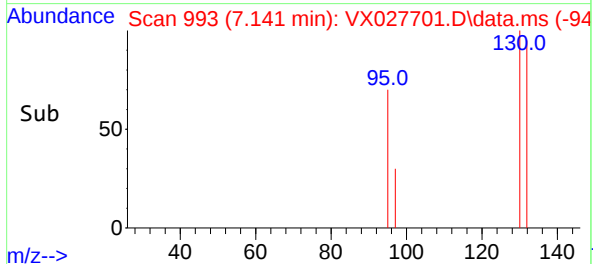
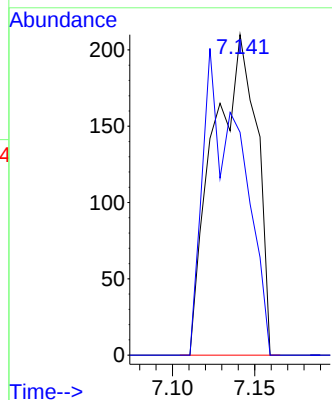
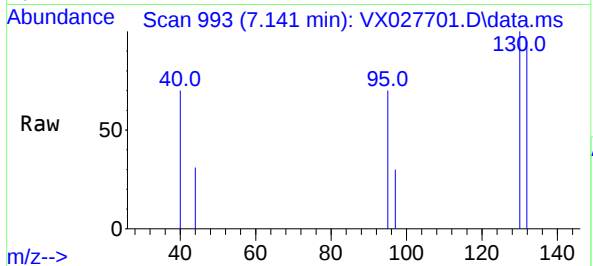




#44
Trichloroethene
Concen: 0.431 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

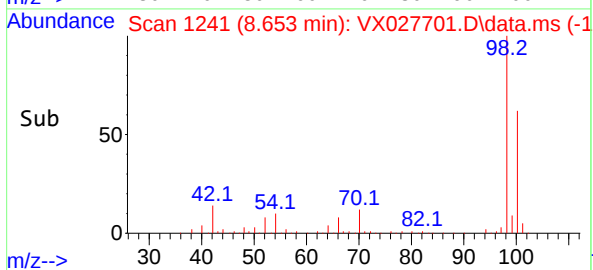
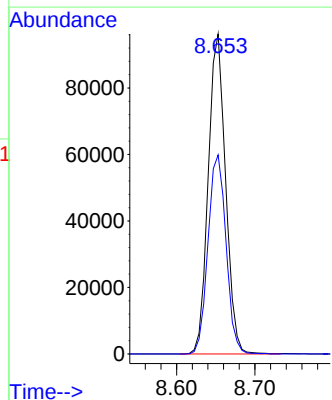
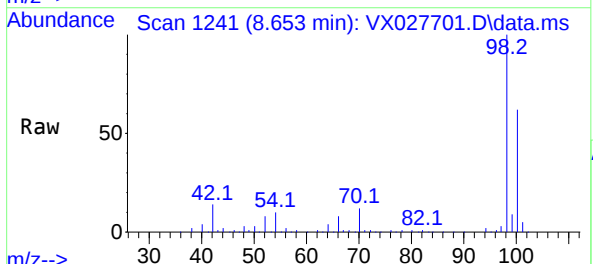
Instrument :
MSVOA_X
ClientSampleId :
IBLK

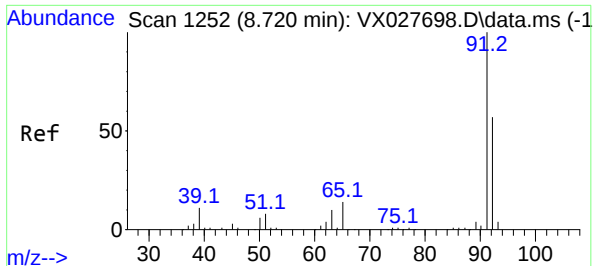
Tgt Ion:130 Resp: 386
Ion Ratio Lower Upper
130 100
95 69.5 0.0 188.8



#50
Toluene-d8
Concen: 48.270 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 98 Resp: 148001
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

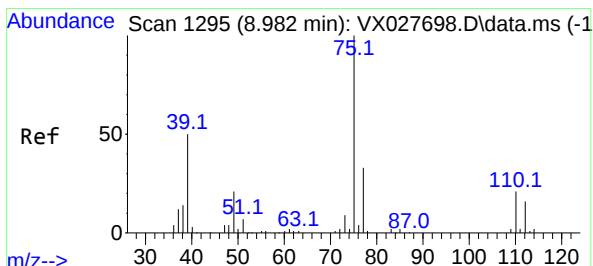
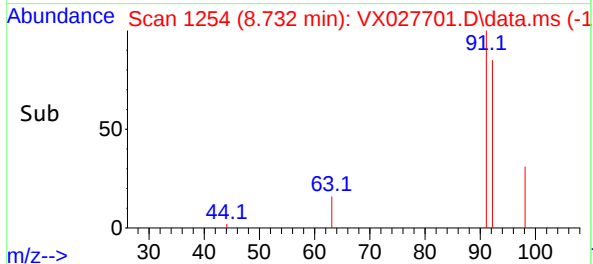
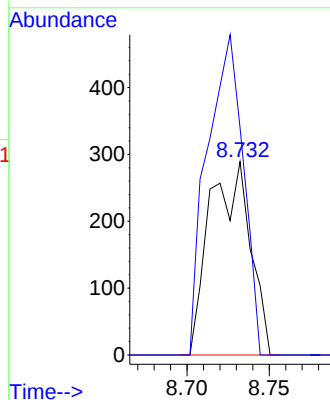
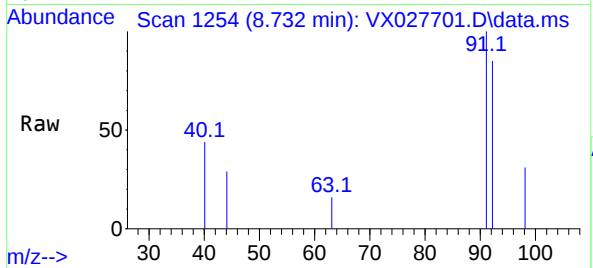




#52
Toluene
Concen: 0.230 ug/l
RT: 8.732 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

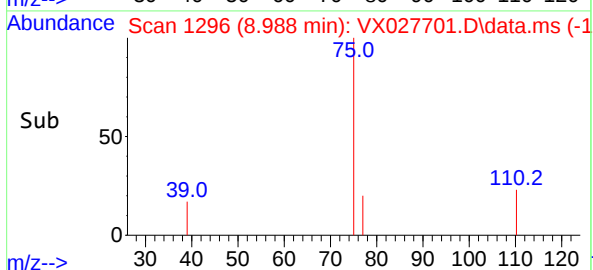
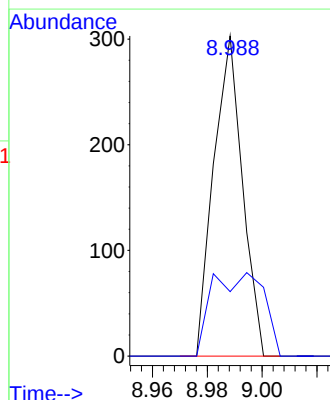
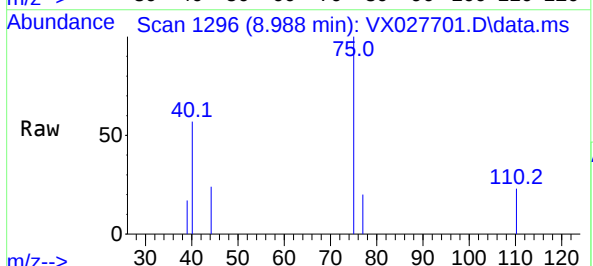
Instrument :
MSVOA_X
ClientSampleId :
IBLK

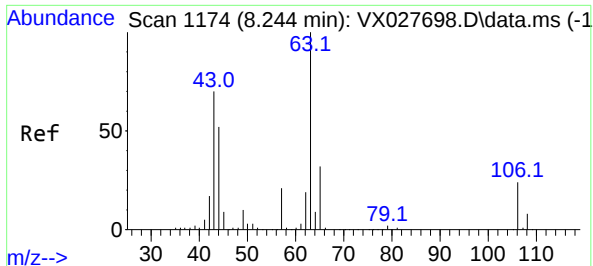
Tgt Ion: 92 Resp: 497
Ion Ratio Lower Upper
92 100
91 146.5 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 1.801 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 75 Resp: 220
Ion Ratio Lower Upper
75 100
77 20.1 25.4 38.0#





#58

2-Chloroethyl Vinyl ether

Concen: 0.241 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.007 min

Lab File: VX027701.D

Acq: 25 Mar 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

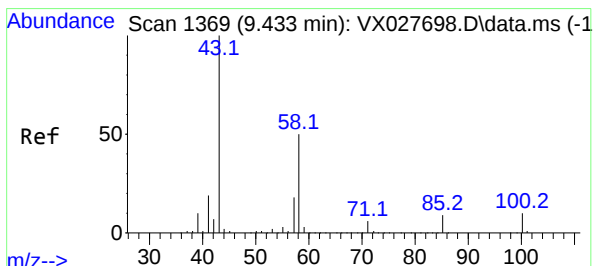
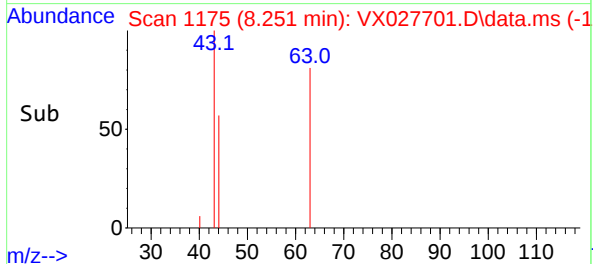
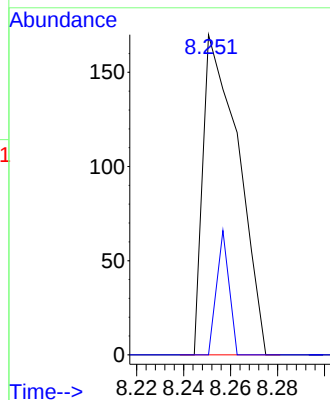
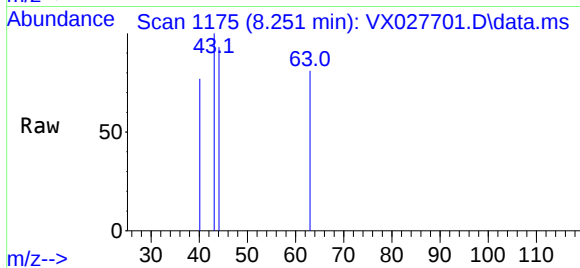
IBLK

Tgt Ion: 63 Resp: 177

Ion Ratio Lower Upper

63 100

106 13.6 23.9 35.9#



#59

2-Hexanone

Concen: 0.251 ug/l

RT: 9.446 min Scan# 1371

Delta R.T. 0.013 min

Lab File: VX027701.D

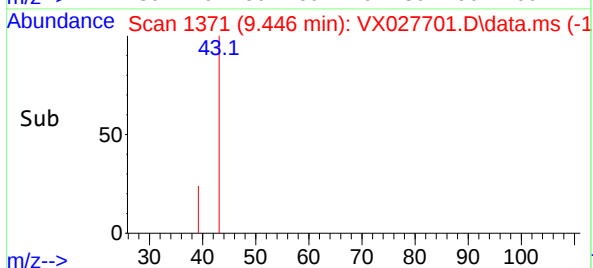
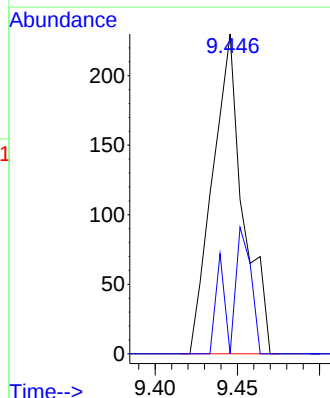
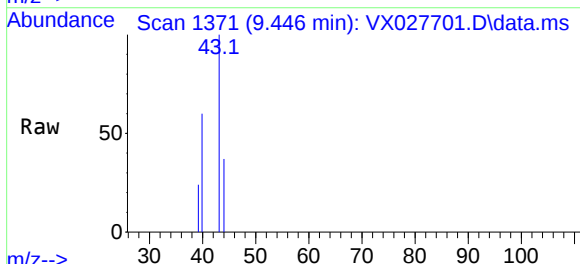
Acq: 25 Mar 2022 14:28

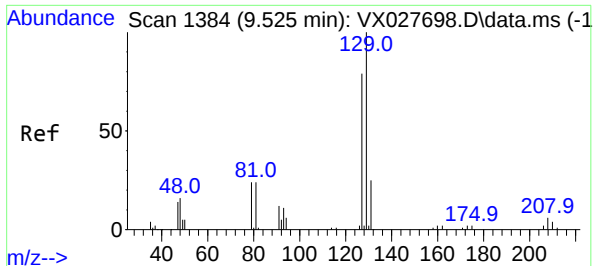
Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

58 27.9 31.9 95.7#

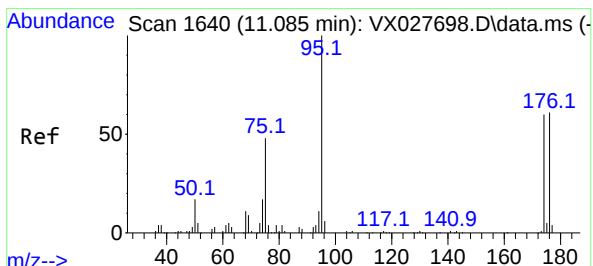
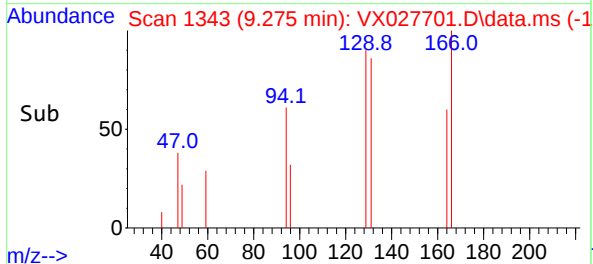
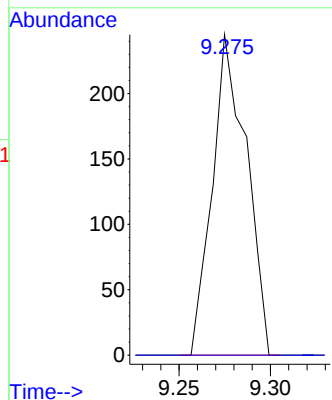
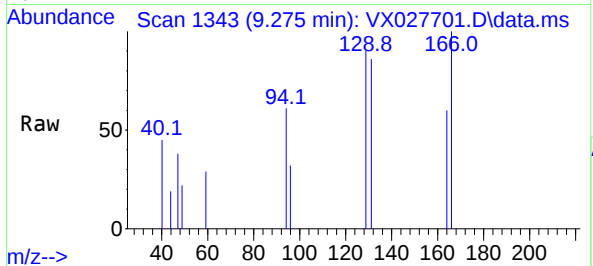




#60
Dibromochloromethane
Concen: 0.375 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

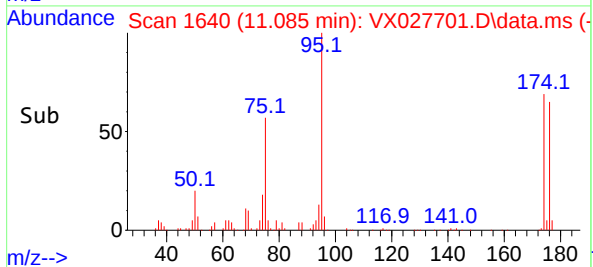
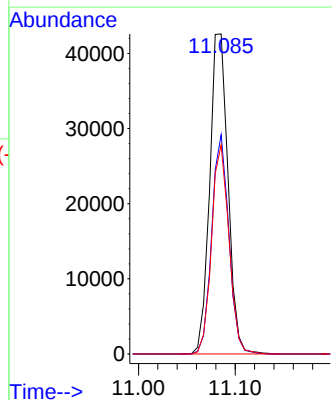
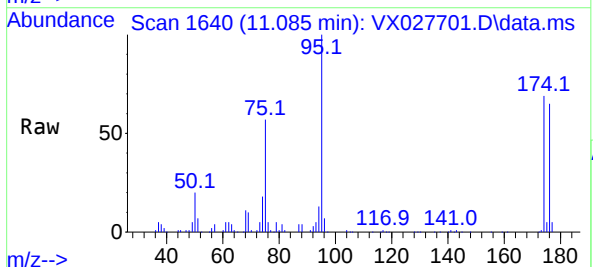
Instrument :
MSVOA_X
ClientSampleId :
IBLK

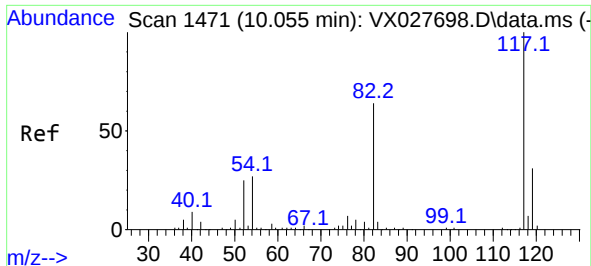
Tgt Ion:129 Resp: 319
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 45.101 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 95 Resp: 56111
Ion Ratio Lower Upper
95 100
174 63.9 0.0 163.0
176 61.9 0.0 155.0

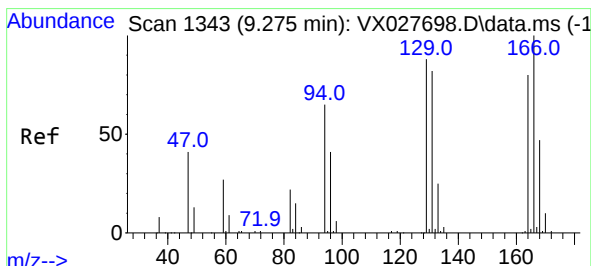
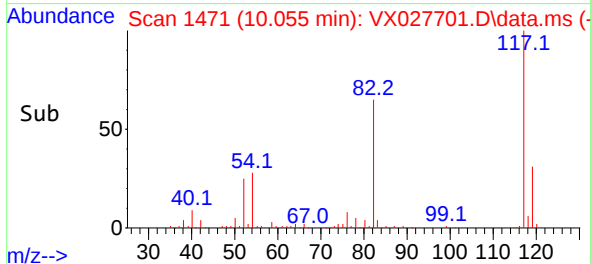
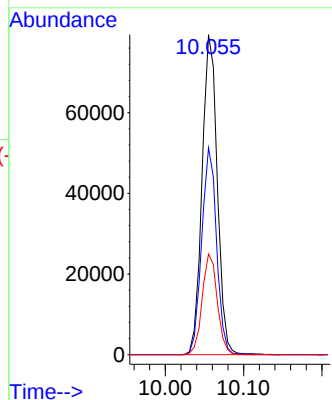
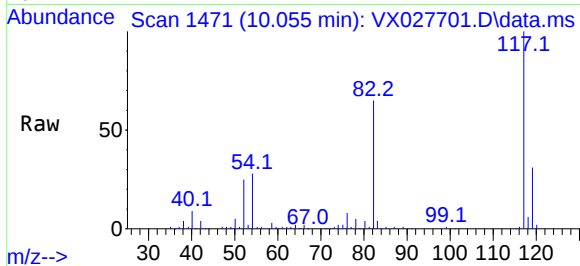




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

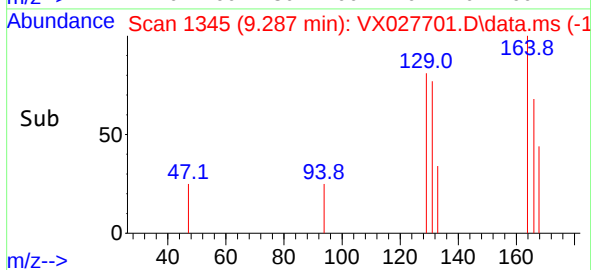
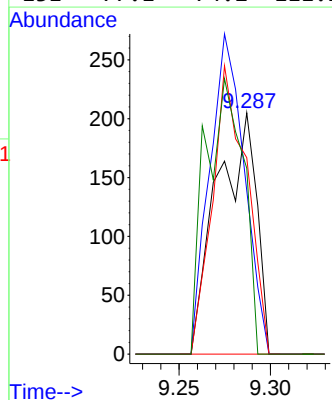
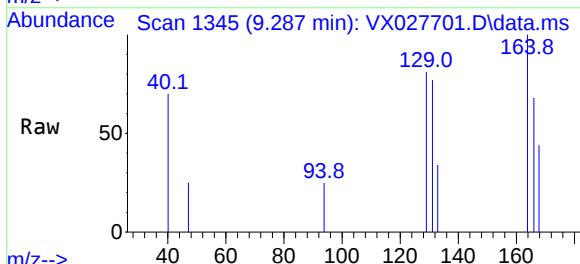
Instrument :
MSVOA_X
ClientSampleId :
IBLK

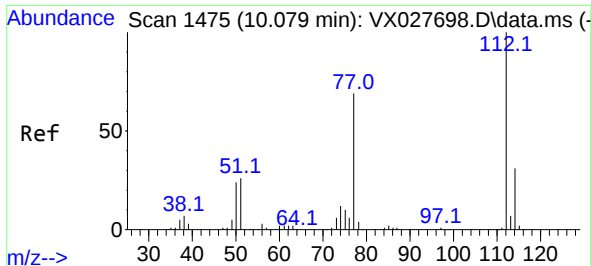
Tgt Ion:117 Resp: 107060
Ion Ratio Lower Upper
117 100
82 64.7 41.8 62.8#
119 31.5 24.8 37.2



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.287 min Scan# 1345
Delta R.T. 0.012 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion:164 Resp: 307
Ion Ratio Lower Upper
164 100
166 67.8 101.2 151.8#
129 81.5 73.0 109.4
131 77.1 74.2 111.2

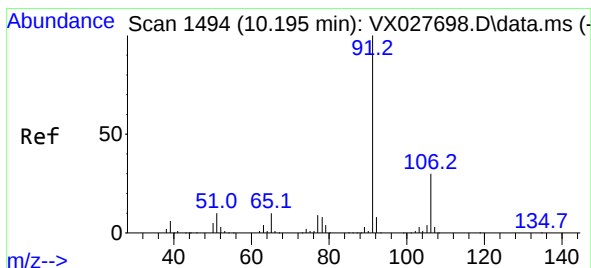
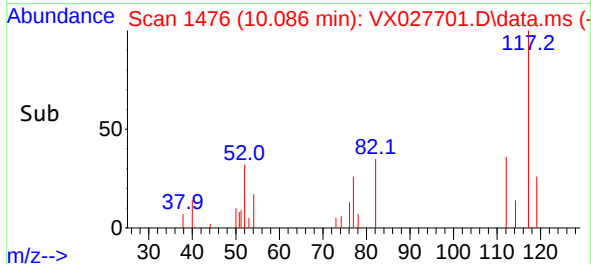
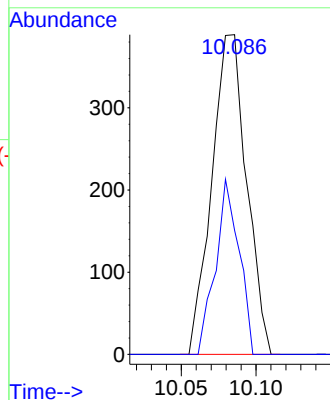
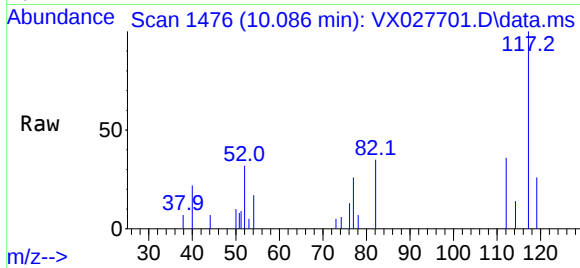




#65
Chlorobenzene
Concen: 0.279 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.007 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

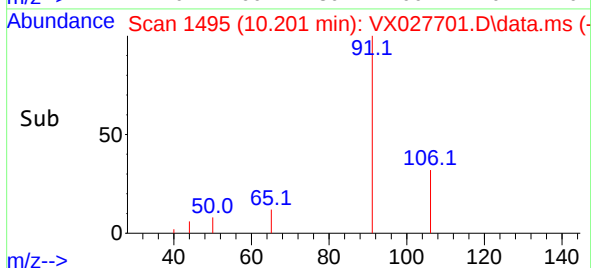
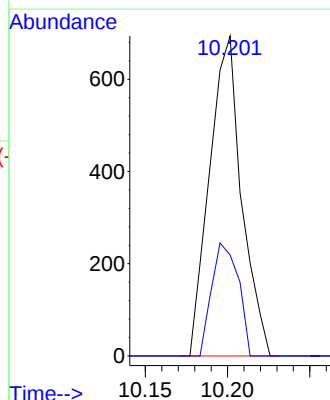
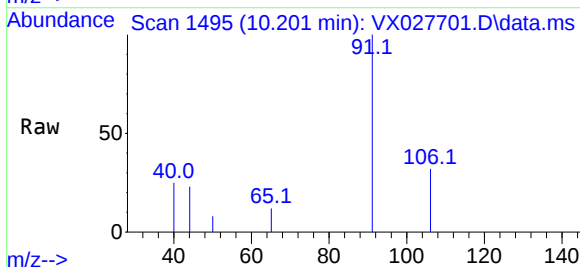
Instrument :
MSVOA_X
ClientSampleId :
IBLK

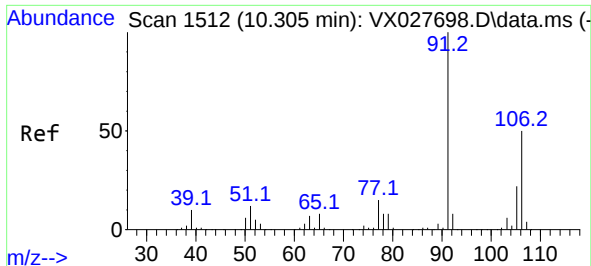
Tgt Ion:112 Resp: 629
Ion Ratio Lower Upper
112 100
114 38.8 25.8 38.8#



#67
Ethyl Benzene
Concen: 0.224 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 91 Resp: 940
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

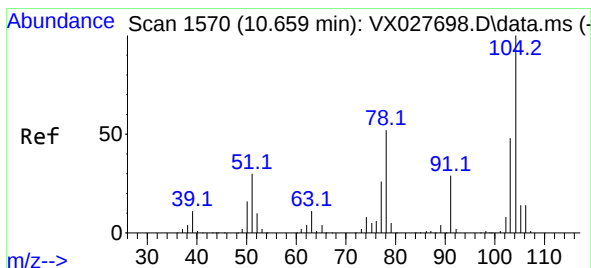
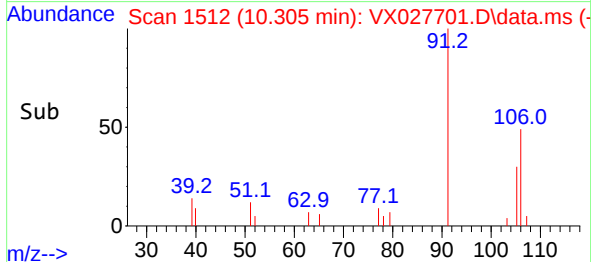
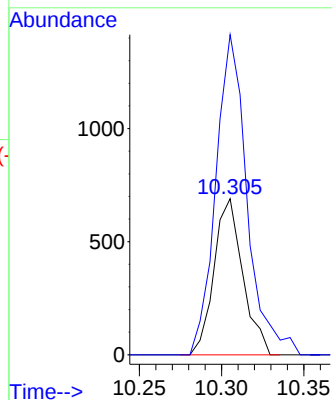
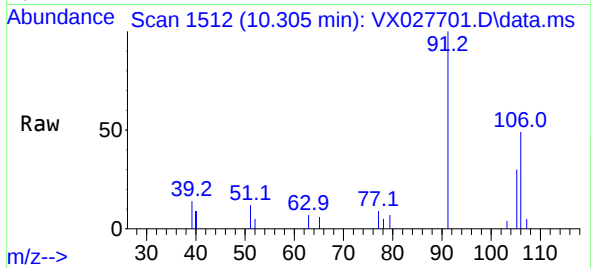




#68
m/p-Xylenes
Concen: 0.552 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

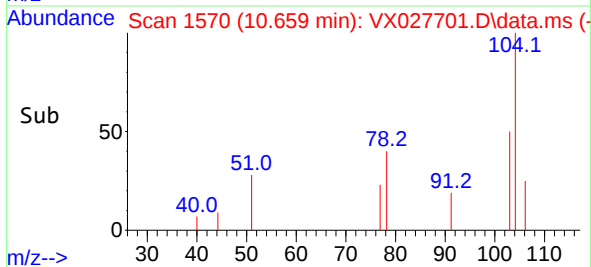
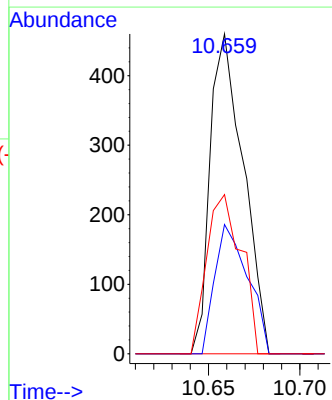
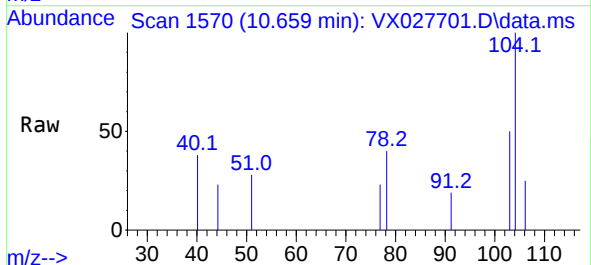
Instrument :
MSVOA_X
ClientSampleId :
IBLK

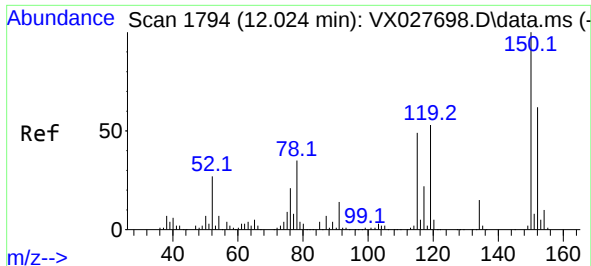
Tgt Ion:106 Resp: 840
Ion Ratio Lower Upper
106 100
91 223.0 160.4 240.6



#70
Styrene
Concen: 0.239 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion:104 Resp: 582
Ion Ratio Lower Upper
104 100
78 40.2 38.6 57.8
103 51.9 43.8 65.8

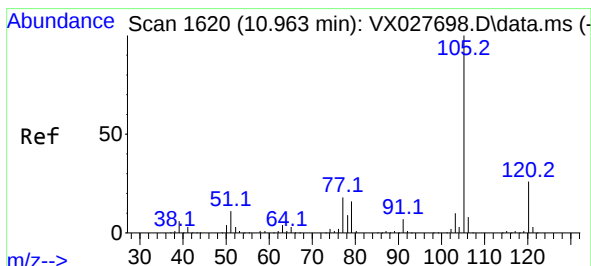
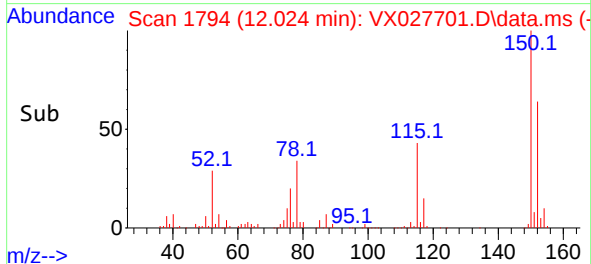
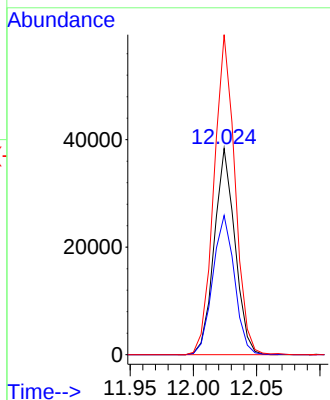
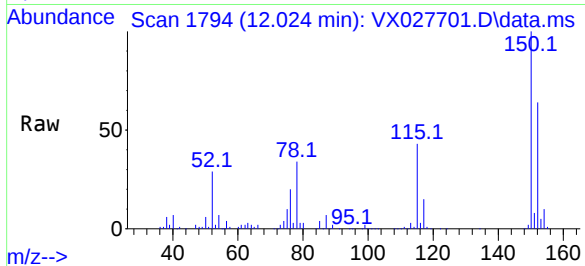




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

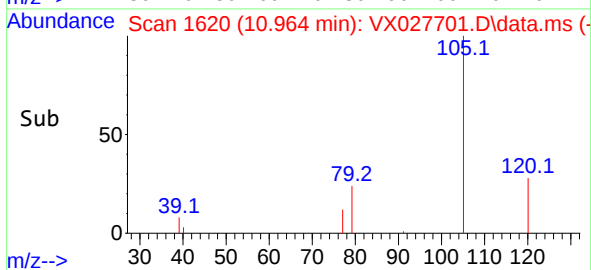
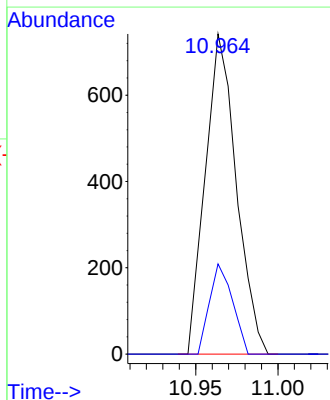
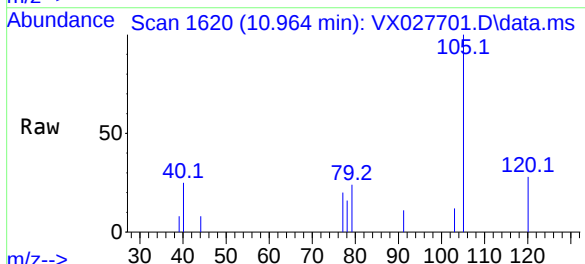
Instrument :
MSVOA_X
ClientSampleId :
IBLK

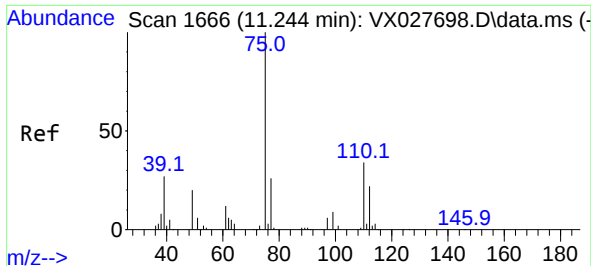
Tgt Ion:152 Resp: 43720
Ion Ratio Lower Upper
152 100
115 70.8 37.5 112.7
150 156.7 0.0 338.2



#73
Isopropylbenzene
Concen: 0.271 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion:105 Resp: 974
Ion Ratio Lower Upper
105 100
120 20.8 13.5 40.5

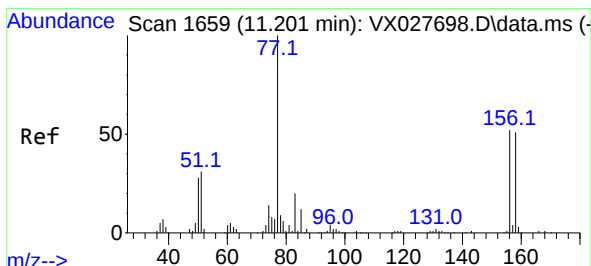
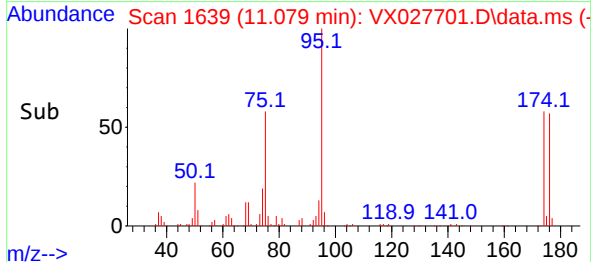
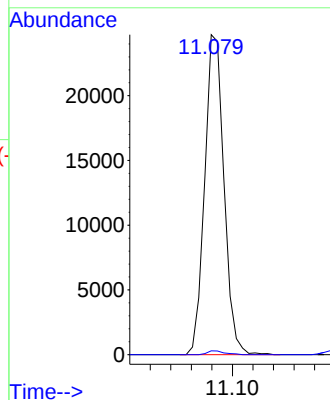
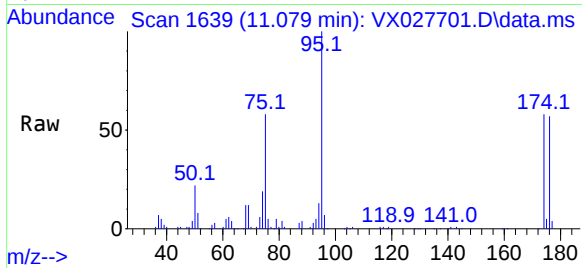




#76
1,2,3-Trichloropropane
Concen: 26.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

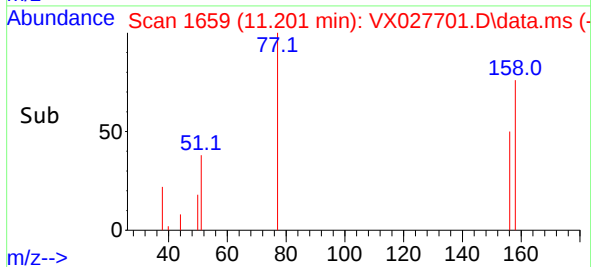
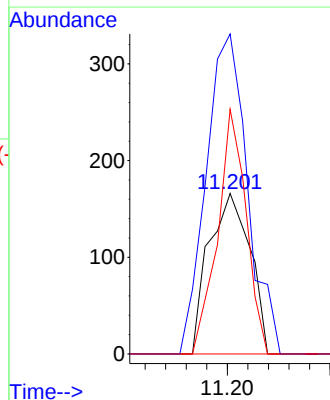
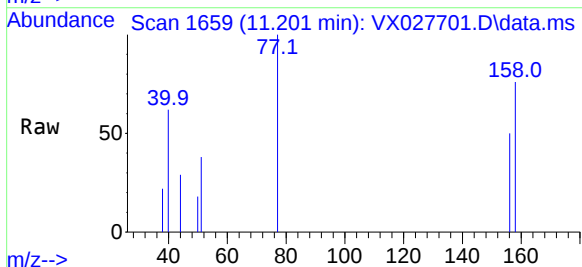
Instrument :
MSVOA_X
ClientSampleId :
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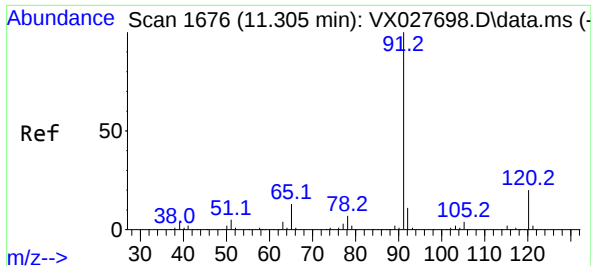
Tgt Ion: 75 Resp: 32256
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#77
Bromobenzene
Concen: 0.290 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion:156 Resp: 230
Ion Ratio Lower Upper
156 100
77 201.3 78.5 235.3
158 105.7 50.2 150.7

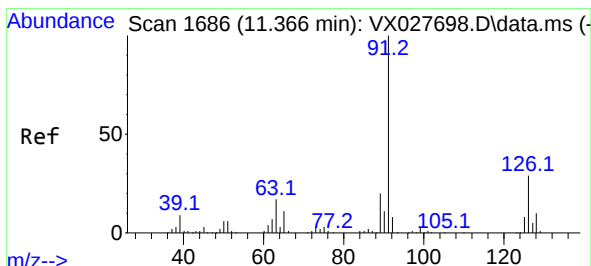
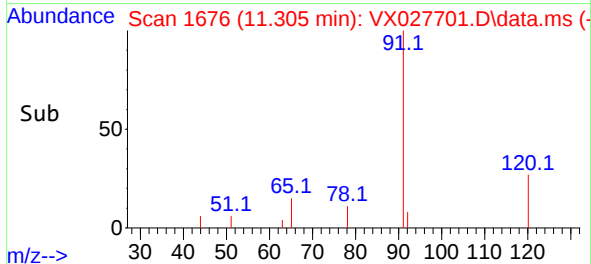
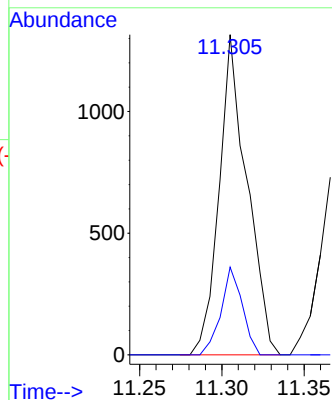
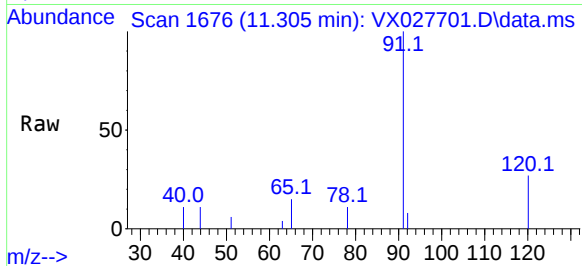




#78
n-propylbenzene
Concen: 0.365 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

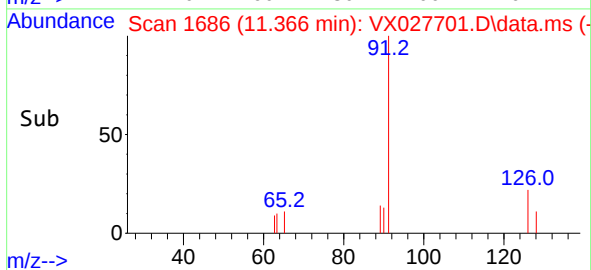
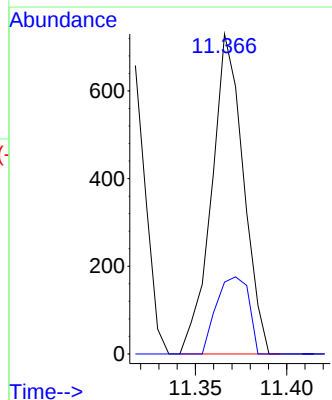
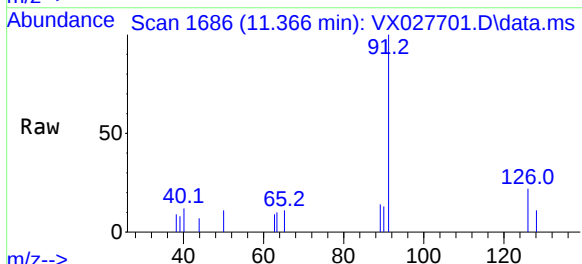
Instrument :
MSVOA_X
ClientSampleId :
IBLK

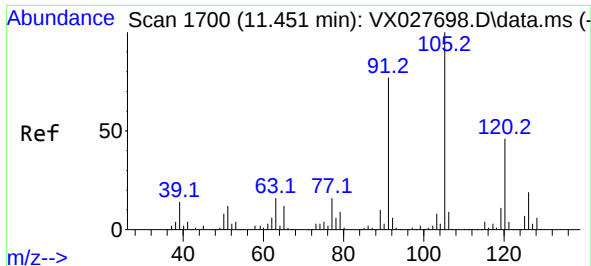
Tgt Ion: 91 Resp: 1553
Ion Ratio Lower Upper
91 100
120 20.9 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.329 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 91 Resp: 883
Ion Ratio Lower Upper
91 100
126 24.3 17.3 51.9

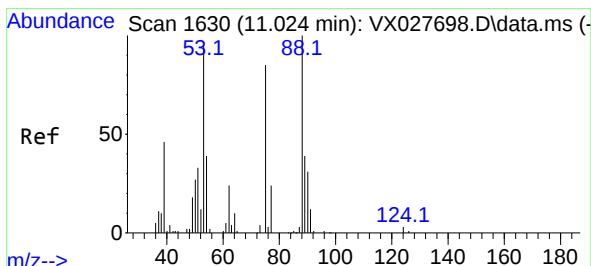
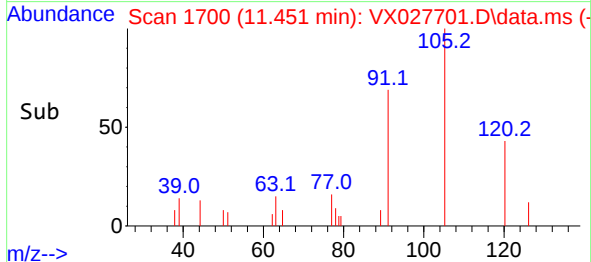
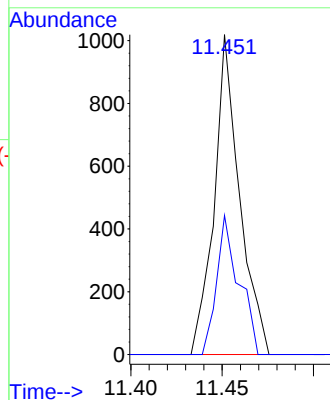
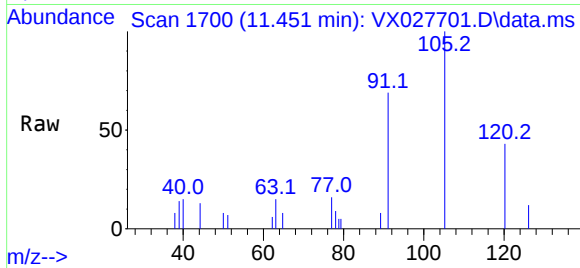




#80
1,3,5-Trimethylbenzene
Concen: 0.318 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

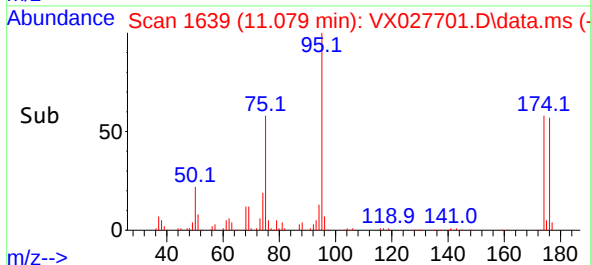
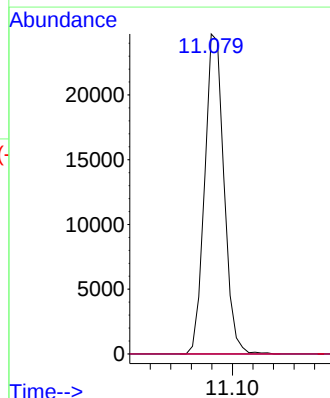
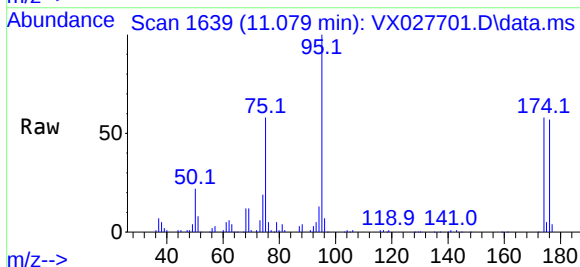
Instrument :
MSVOA_X
ClientSampleId :
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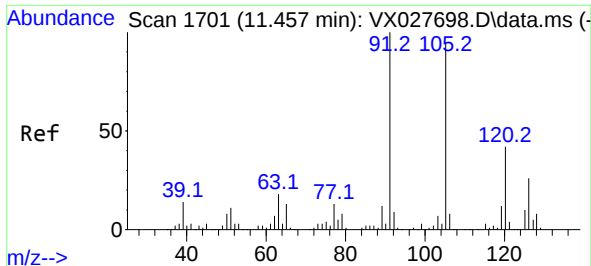
Tgt Ion:105 Resp: 983
Ion Ratio Lower Upper
105 100
120 38.1 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 90.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 75 Resp: 32256
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

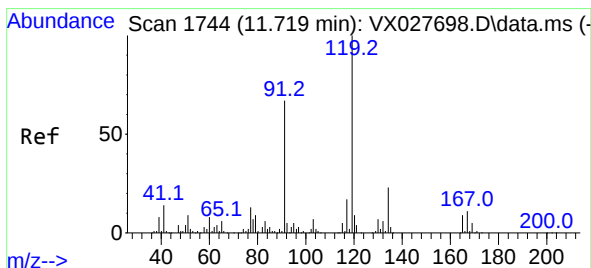
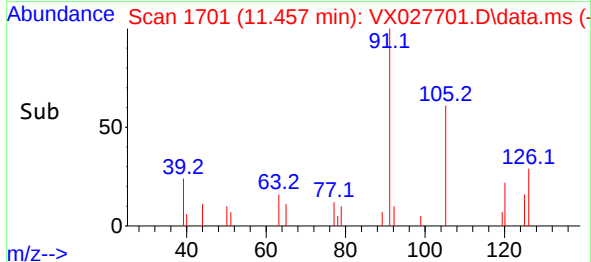
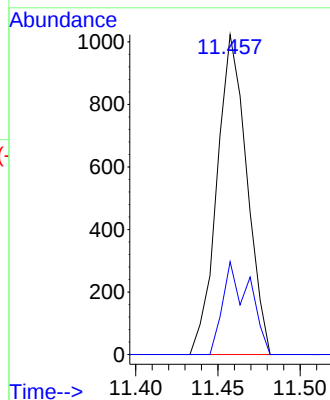
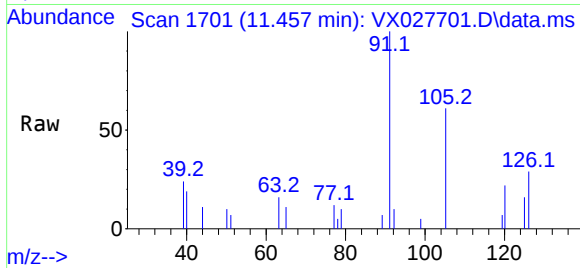




#82
4-Chlorotoluene
Concen: 0.418 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

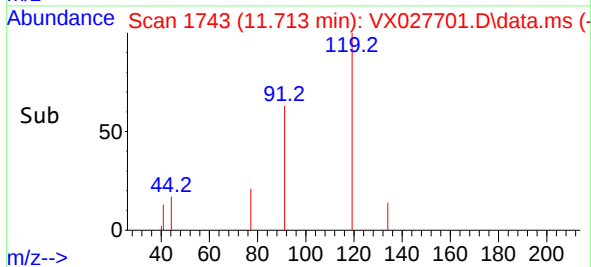
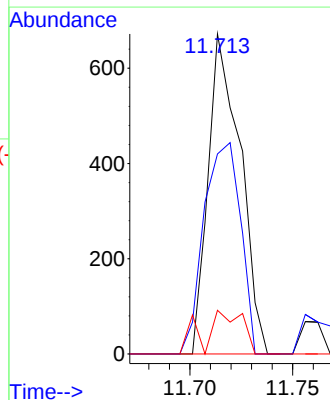
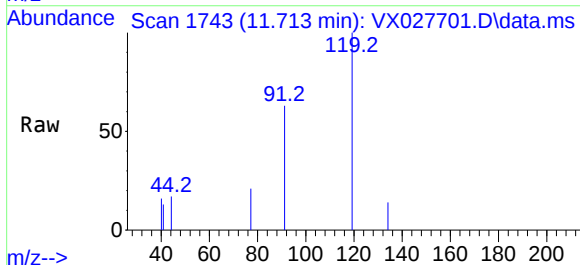
Instrument :
MSVOA_X
ClientSampleId :
IBLK

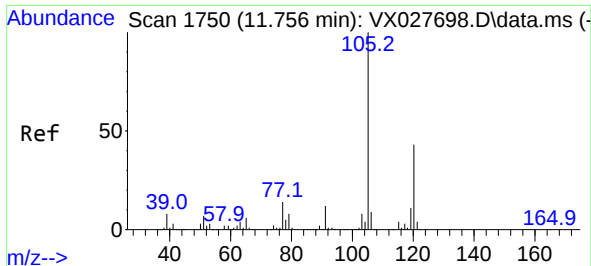
Tgt Ion: 91 Resp: 1291
Ion Ratio Lower Upper
91 100
126 25.9 14.9 44.5



#83
tert-Butylbenzene
Concen: 0.258 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 119 Resp: 731
Ion Ratio Lower Upper
119 100
91 75.2 26.9 80.6
134 16.3 11.4 34.2

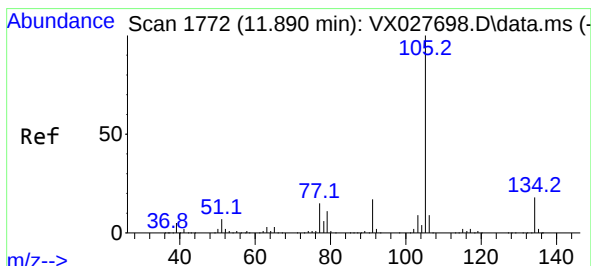
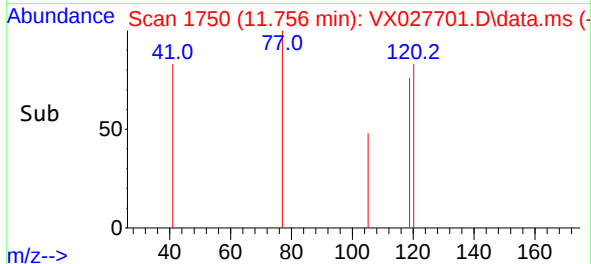
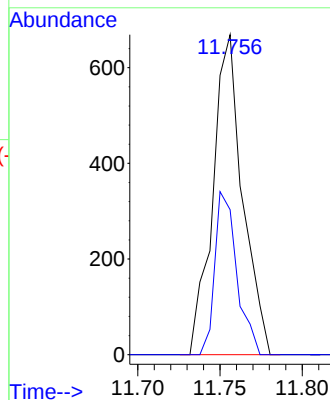
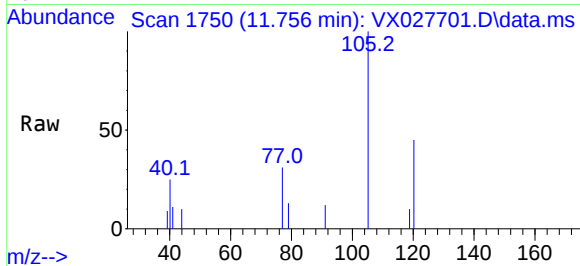




#84
1,2,4-Trimethylbenzene
Concen: 0.269 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

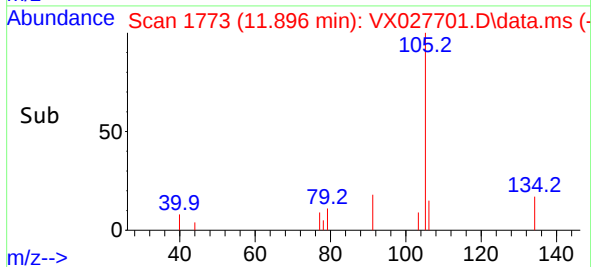
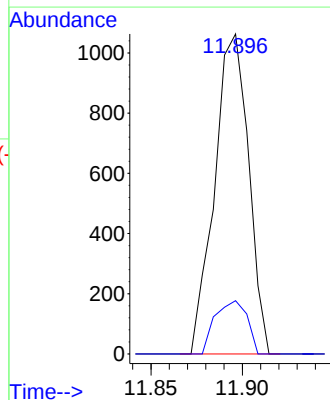
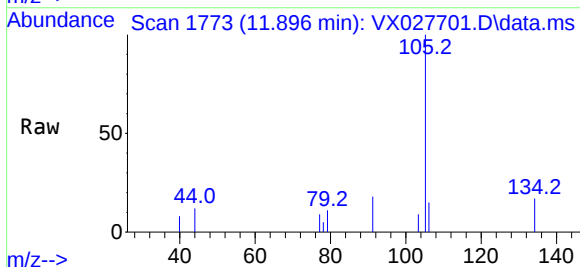
Instrument :
MSVOA_X
ClientSampleId :
IBLK

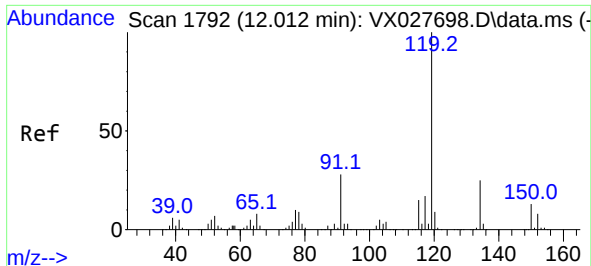
Tgt Ion:105 Resp: 843
Ion Ratio Lower Upper
105 100
120 37.4 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.371 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion:105 Resp: 1378
Ion Ratio Lower Upper
105 100
134 15.6 10.2 30.4

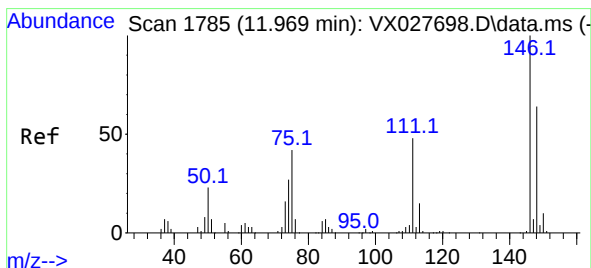
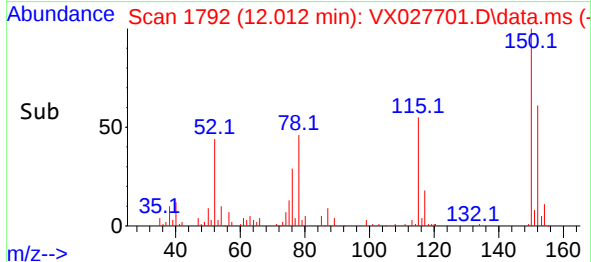
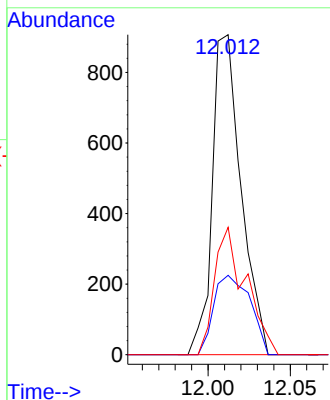
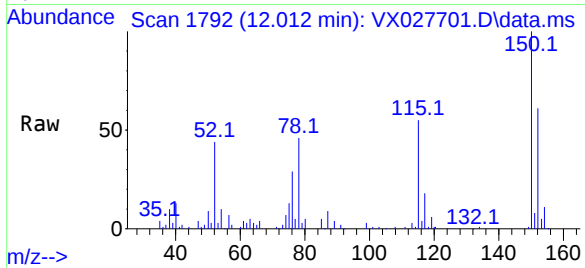




#86
 p-Isopropyltoluene
 Concen: 0.379 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027701.D
 Acq: 25 Mar 2022 14:28

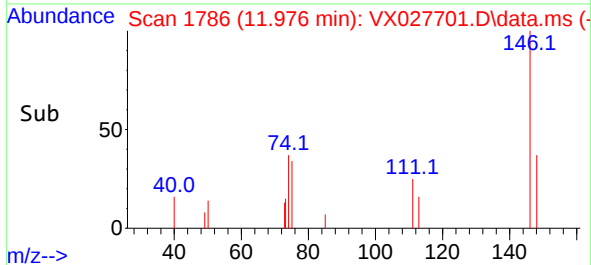
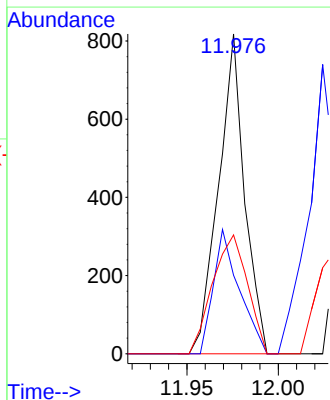
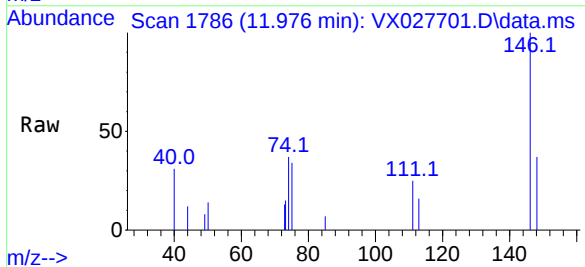
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

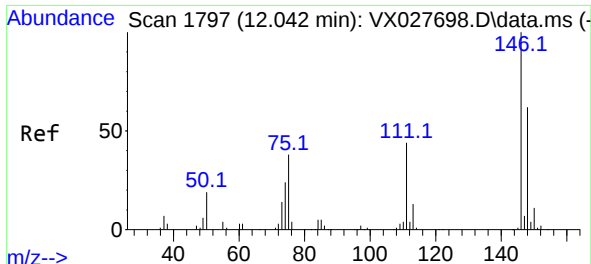
Tgt Ion:119 Resp: 1108
 Ion Ratio Lower Upper
 119 100
 134 31.4 13.0 39.0
 91 43.1 11.3 33.9#



#87
 1,3-Dichlorobenzene
 Concen: 0.548 ug/l
 RT: 11.976 min Scan# 1786
 Delta R.T. 0.007 min
 Lab File: VX027701.D
 Acq: 25 Mar 2022 14:28

Tgt Ion:146 Resp: 813
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.7 59.1
 148 49.4 31.6 94.7



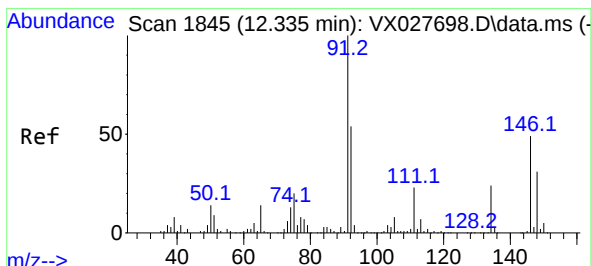
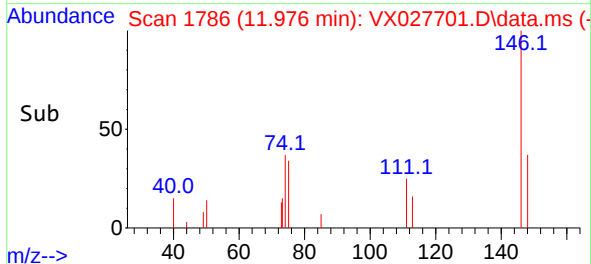
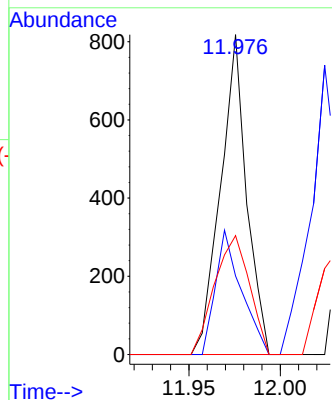
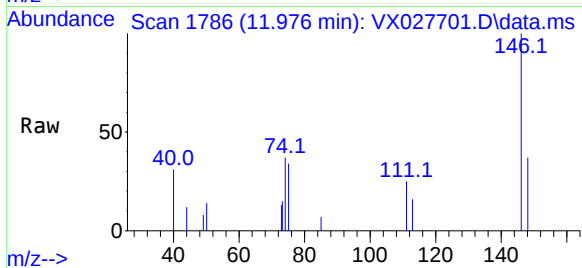


#88
1,4-Dichlorobenzene
Concen: 0.529 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.066 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 813

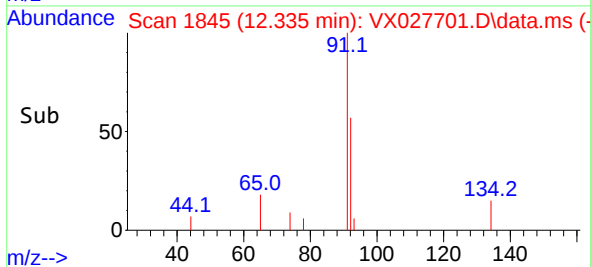
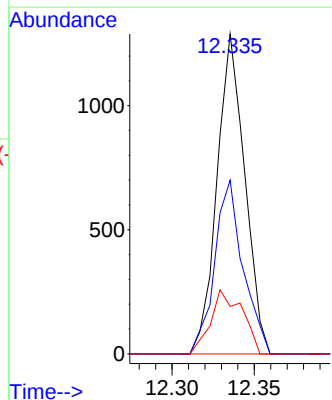
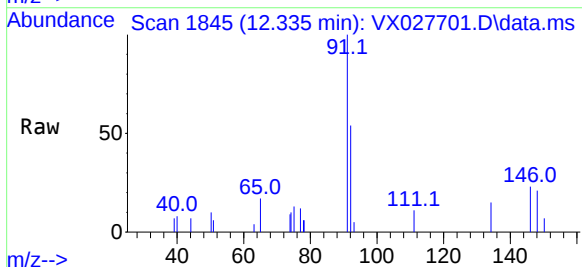
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.2	57.6
148	49.4	32.3	96.9

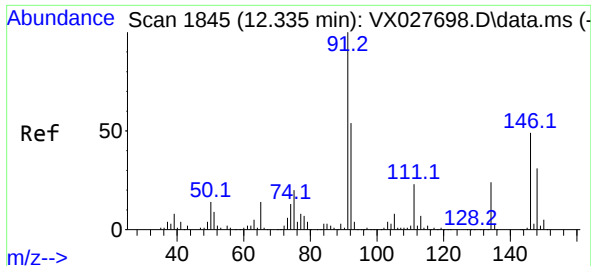


#89
n-Butylbenzene
Concen: 0.547 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion: 91 Resp: 1513

Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.8	83.3
134	22.6	13.3	39.8

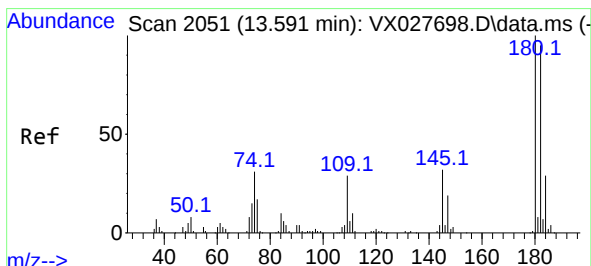
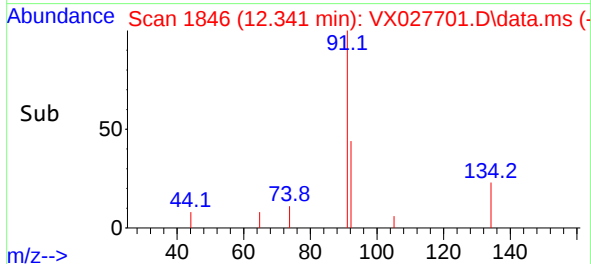
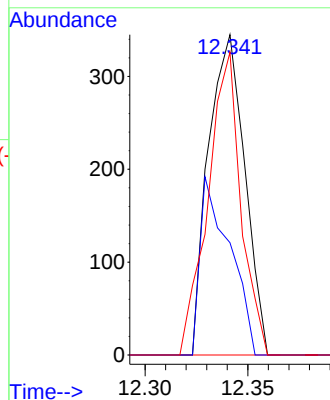
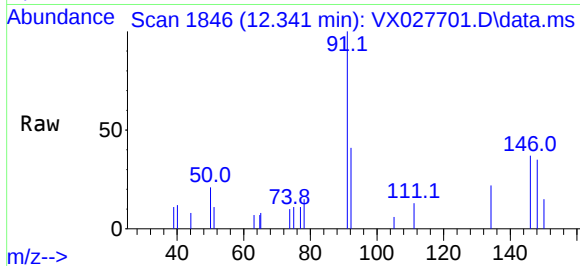




#91
1,2-Dichlorobenzene
Concen: 0.295 ug/l
RT: 12.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

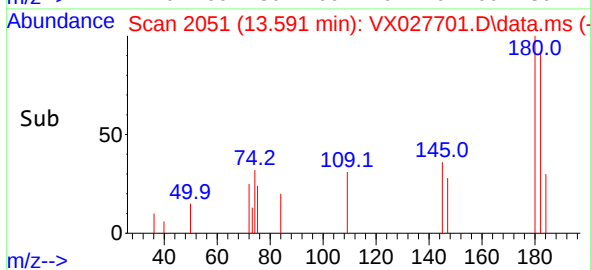
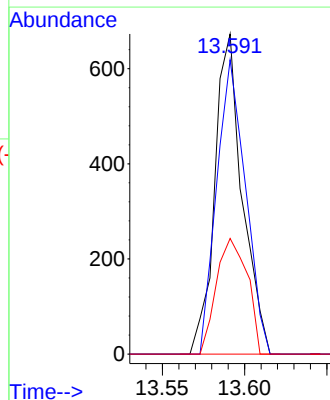
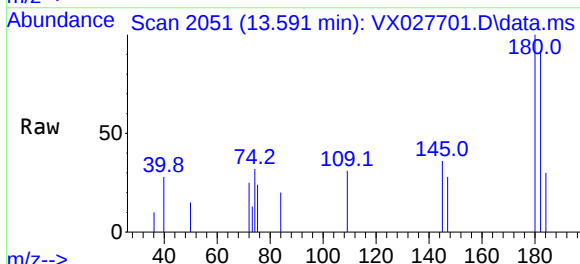
Instrument :
MSVOA_X
ClientSampleId :
IBLK

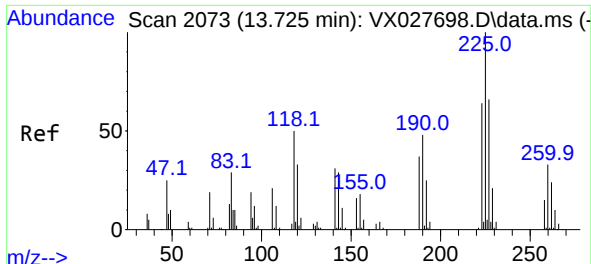
Tgt Ion:146	Resp:	424
Ion	Ratio	Lower Upper
146	100	
111	45.5	21.0 63.0
148	85.6	32.6 97.7



#93
1,2,4-Trichlorobenzene
Concen: 0.927 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion:180	Resp:	786
Ion	Ratio	Lower Upper
180	100	
182	95.9	47.7 143.1
145	40.3	15.2 45.5

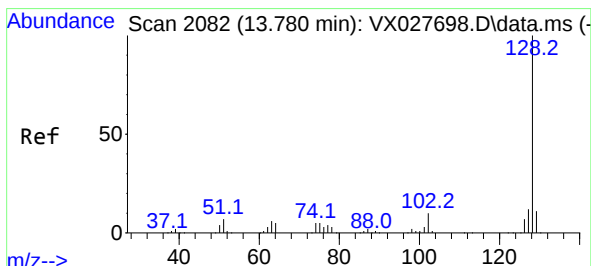
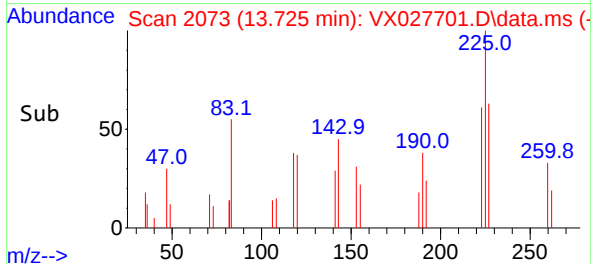
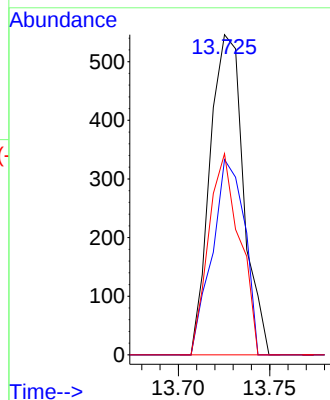
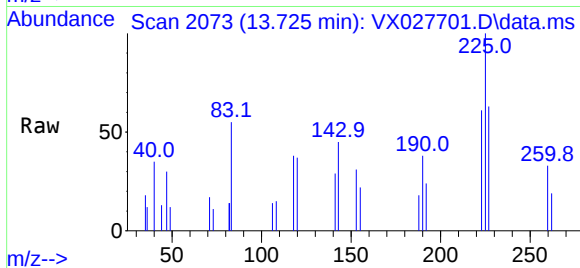




#94
Hexachlorobutadiene
Concen: 1.691 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

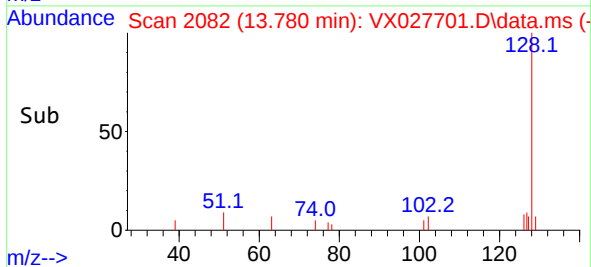
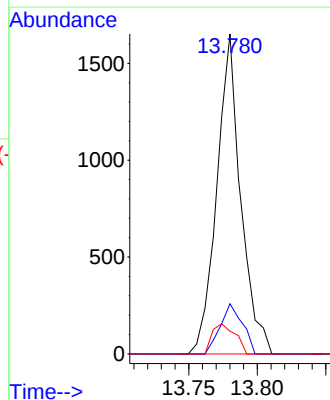
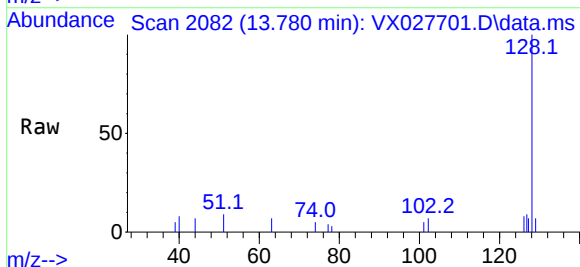
Instrument :
MSVOA_X
ClientSampleId :
IBLK

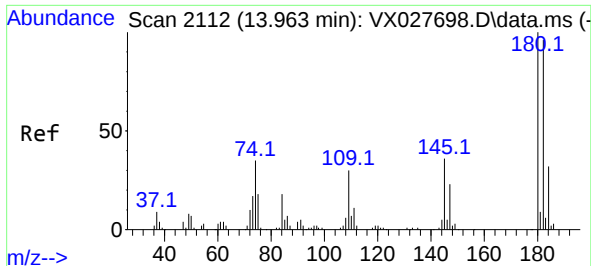
Tgt Ion:	225	Resp:	698
Ion	Ratio	Lower	Upper
225	100		
223	58.9	34.2	102.5
227	58.3	33.9	101.7



#95
Naphthalene
Concen: 0.643 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027701.D
Acq: 25 Mar 2022 14:28

Tgt Ion:	128	Resp:	2003
Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.2	15.4
129	9.0	8.7	13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.733 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027701.D

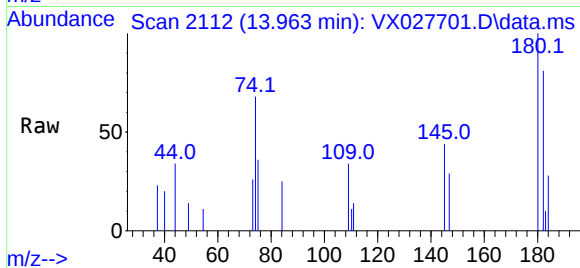
Acq: 25 Mar 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 621

Ion Ratio Lower Upper

180 100

182 104.0 50.0 149.8

145 44.3 16.2 48.5

