

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025186.D
 Acq On : 17 Nov 2021 12:52
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 17 16:05:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58745	53.098	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.200%
35) Dibromofluoromethane	5.391	113	58619	52.384	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.760%
50) Toluene-d8	8.653	98	215097	51.123	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.240%
62) 4-Bromofluorobenzene	11.085	95	80877	50.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	351	0.386	ug/l	93
3) Chloromethane	1.288	50	566	0.502	ug/l #	72
4) Vinyl Chloride	1.373	62	425	0.344	ug/l	91
5) Bromomethane	1.611	94	881	1.657	ug/l	91
7) Trichlorofluoromethane	1.886	101	603	0.328	ug/l #	64
9) 1,1,2-Trichlorotrifluo...	2.324	101	427	0.437	ug/l #	74
10) Methyl Iodide	2.459	142	1230	1.007	ug/l #	82
11) Tert butyl alcohol	2.946	59	1502	Below Cal	#	72
12) 1,1-Dichloroethene	2.318	96	419	0.431	ug/l #	66
13) Acrolein	2.239	56	134	2.644	ug/l #	13
14) Allyl chloride	2.660	41	568	0.323	ug/l #	78
15) Acrylonitrile	3.074	53	941	1.585	ug/l	89
16) Acetone	2.379	43	834	1.357	ug/l	95
17) Carbon Disulfide	2.507	76	5313	1.941	ug/l #	94
18) Methyl Acetate	2.696	43	510	0.260	ug/l #	60
20) Methylene Chloride	2.788	84	569	0.492	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	816	0.766	ug/l	89
23) Vinyl Acetate	3.733	43	1280	0.475	ug/l #	90
25) 2-Butanone	4.574	43	597	0.672	ug/l #	48
27) cis-1,2-Dichloroethene	4.489	96	376	0.302	ug/l	90
29) Tetrahydrofuran	5.019	42	151	0.274	ug/l #	32
31) Cyclohexane	5.470	56	648	0.379	ug/l	89
36) 1,1-Dichloropropene	5.690	75	747	0.469	ug/l	86
39) Methylcyclohexane	7.385	83	713	0.349	ug/l	95
42) 1,2-Dichloroethane	6.086	62	318	0.203	ug/l #	77
44) Trichloroethene	7.128	130	548	0.391	ug/l	94
46) Dibromomethane	7.586	93	234	0.272	ug/l	95
51) 4-Methyl-2-Pentanone	8.586	43	501	0.265	ug/l #	84
52) Toluene	8.714	92	645	0.205	ug/l	88
53) t-1,3-Dichloropropene	8.988	75	563	0.300	ug/l #	80
58) 2-Chloroethyl Vinyl ether	8.250	63	374	0.396	ug/l #	82
59) 2-Hexanone	9.439	43	702	0.471	ug/l	87
61) 1,2-Dibromoethane	9.616	107	302	0.223	ug/l #	76
64) Tetrachloroethene	9.274	164	547	0.375	ug/l #	81
65) Chlorobenzene	10.079	112	1012	0.281	ug/l	97
67) Ethyl Benzene	10.195	91	1847	0.297	ug/l	93

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

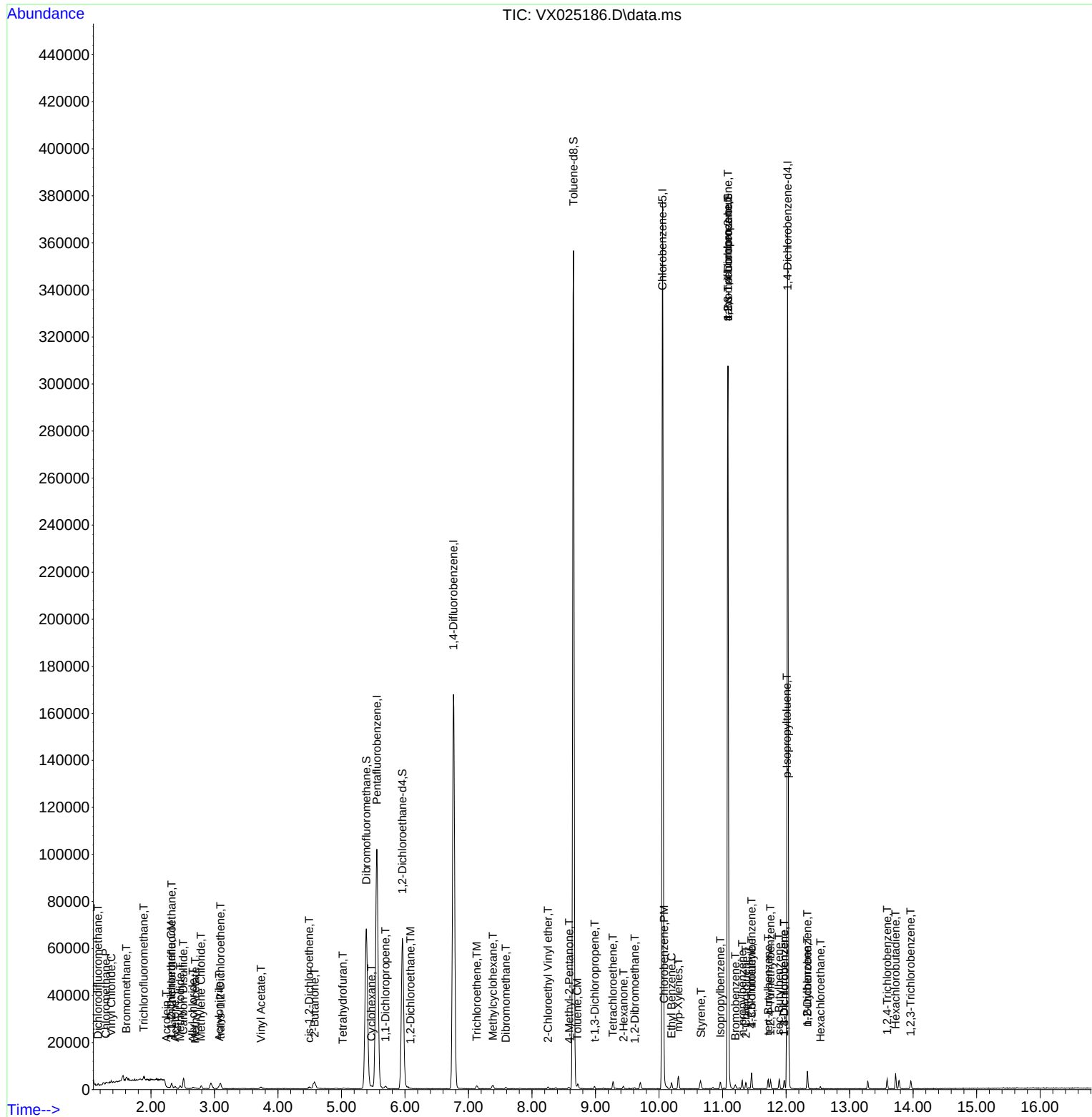
68) m/p-Xylenes	10.305	106	1439	0.566	ug/l	93
70) Styrene	10.658	104	1174	0.285	ug/l	90
73) Isopropylbenzene	10.963	105	1812	0.324	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	38586	24.006	ug/l #	37
77) Bromobenzene	11.201	156	465	0.323	ug/l	98
78) n-propylbenzene	11.311	91	2526	0.402	ug/l	99
79) 2-Chlorotoluene	11.366	91	1384	0.362	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	1576	0.335	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	38586	60.474	ug/l #	9
82) 4-Chlorotoluene	11.457	91	2080	0.477	ug/l	94
83) tert-Butylbenzene	11.719	119	1678	0.351	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	1723	0.371	ug/l	100
85) sec-Butylbenzene	11.890	105	2394	0.412	ug/l	92
86) p-Isopropyltoluene	12.012	119	2083	0.417	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	1451	0.542	ug/l	92
88) 1,4-Dichlorobenzene	11.969	146	1451	0.535	ug/l	92
89) n-Butylbenzene	12.335	91	2292	0.545	ug/l	98
90) Hexachloroethane	12.542	117	202	0.220	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	1068	0.409	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	1177	0.766	ug/l	90
94) Hexachlorobutadiene	13.725	225	1027	1.392	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1192	0.793	ug/l	95

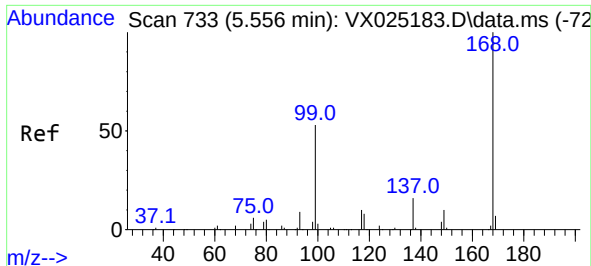
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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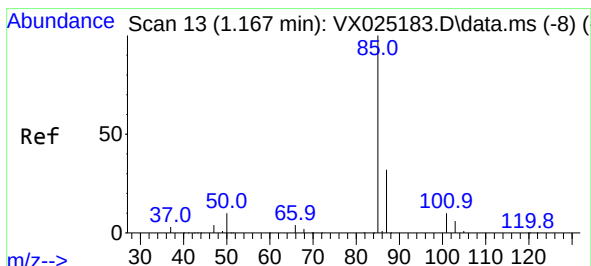
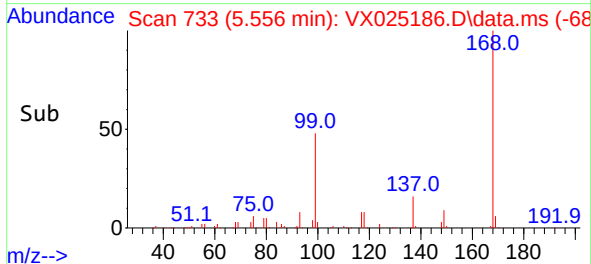
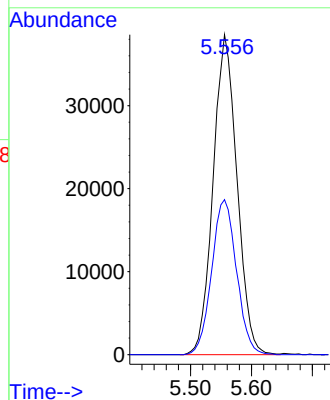
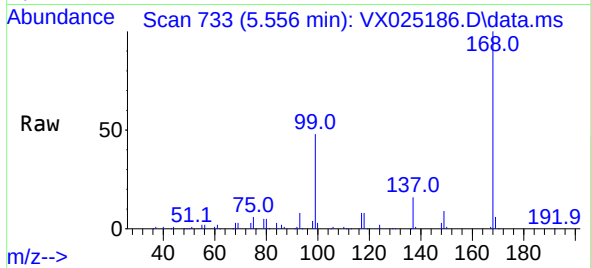




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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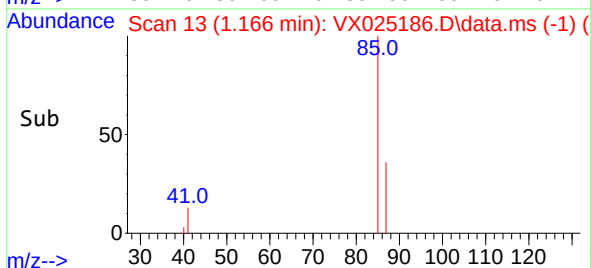
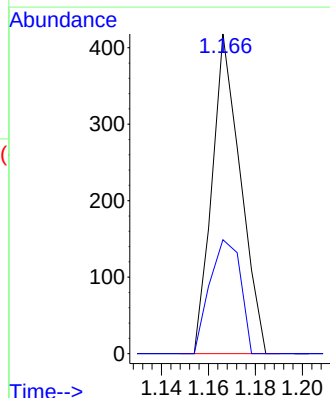
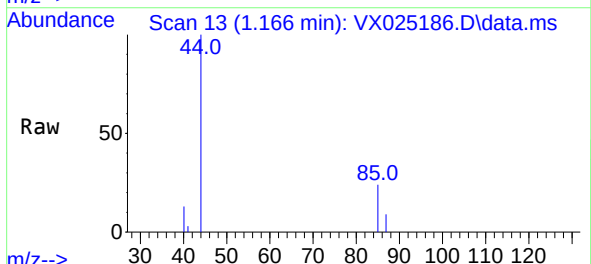
Instrument :
MSVOA_X
ClientSampleId :
IBLK

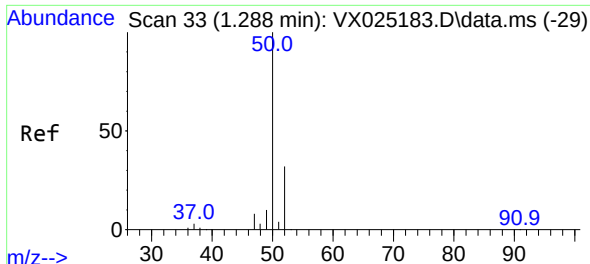
Tgt Ion:168 Resp: 104961
Ion Ratio Lower Upper
168 100
99 48.5 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.386 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 85 Resp: 351
Ion Ratio Lower Upper
85 100
87 35.6 16.0 47.9

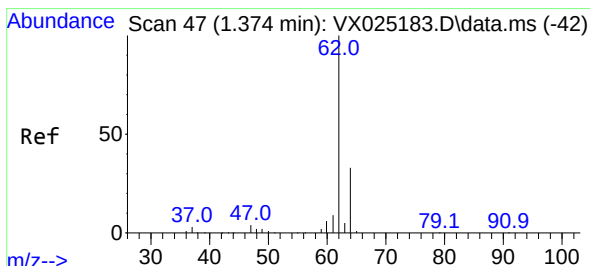
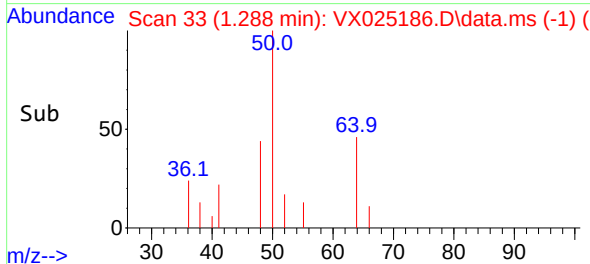
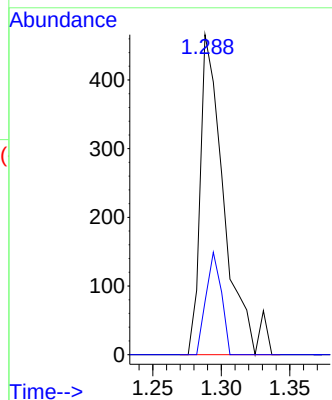
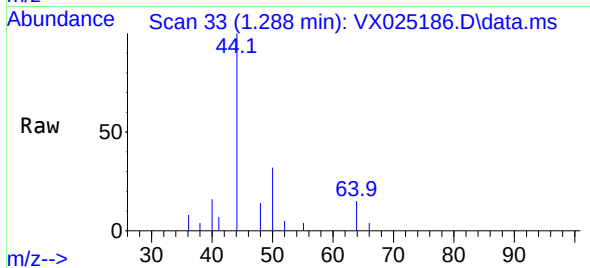




#3
Chloromethane
Concen: 0.502 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

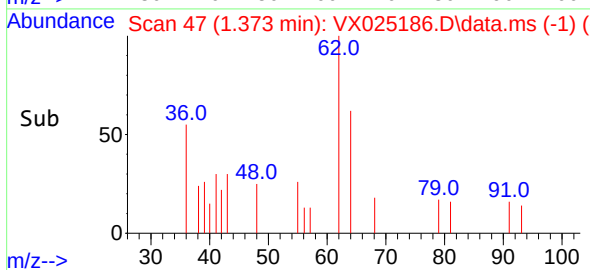
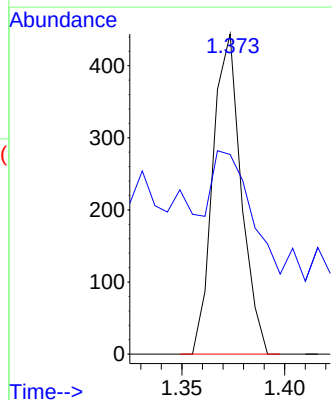
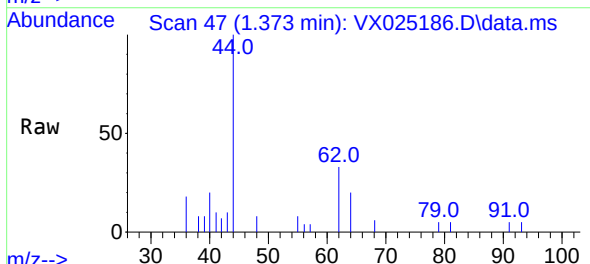
Instrument :
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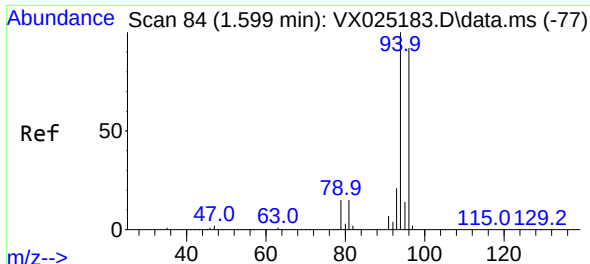
Tgt Ion: 50 Resp: 566
Ion Ratio Lower Upper
50 100
52 16.5 25.9 38.9#



#4
Vinyl Chloride
Concen: 0.344 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 62 Resp: 425
Ion Ratio Lower Upper
62 100
64 37.4 26.0 39.0

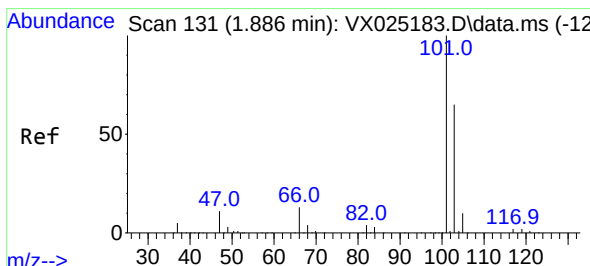
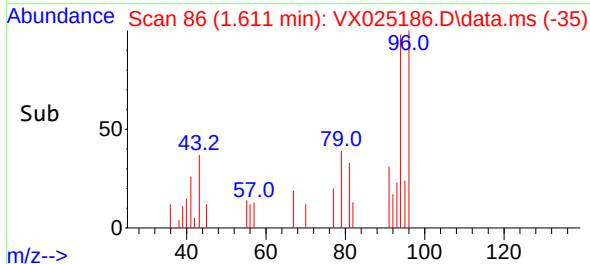
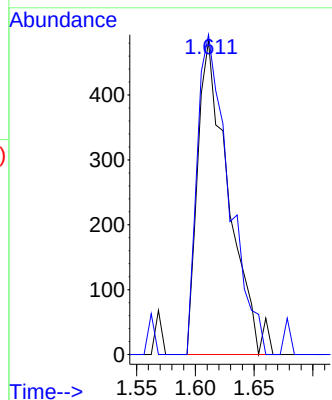
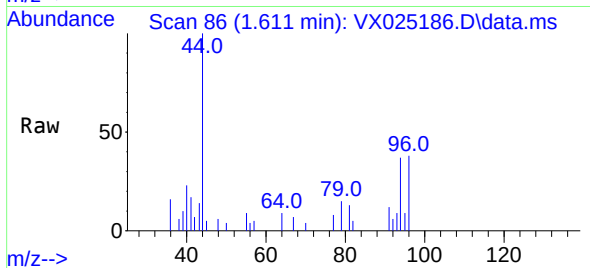




#5
Bromomethane
Concen: 1.657 ug/l
RT: 1.611 min Scan# 84
Delta R.T. 0.012 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

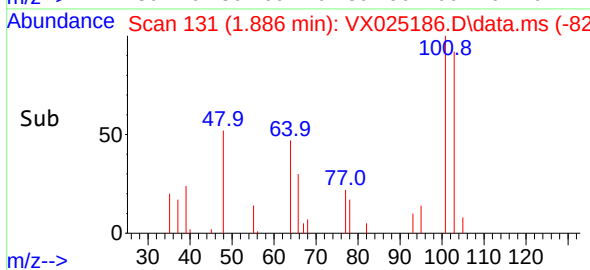
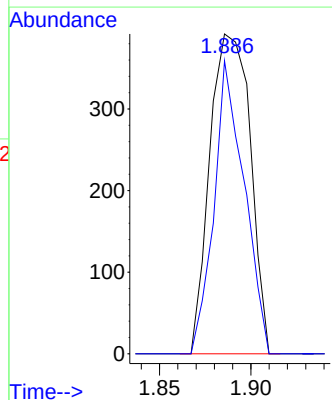
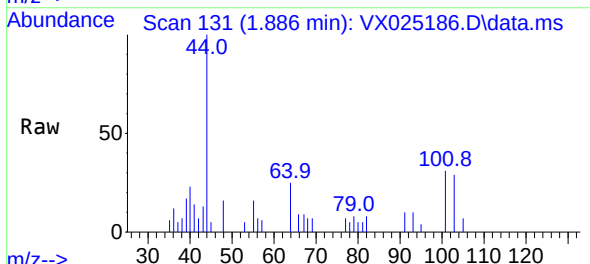
Instrument :
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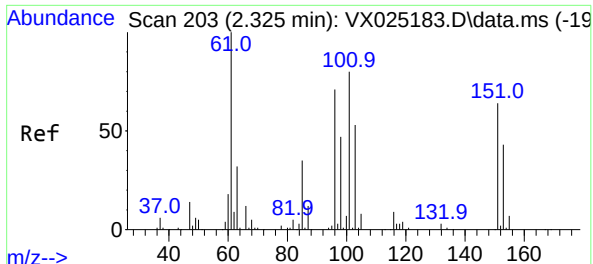
Tgt Ion: 94 Resp: 881
Ion Ratio Lower Upper
94 100
96 102.1 74.8 112.2



#7
Trichlorofluoromethane
Concen: 0.328 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 101 Resp: 603
Ion Ratio Lower Upper
101 100
103 91.6 51.0 76.6#

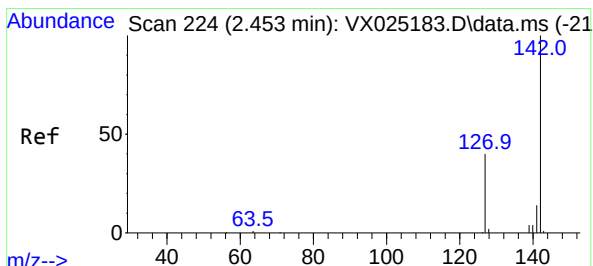
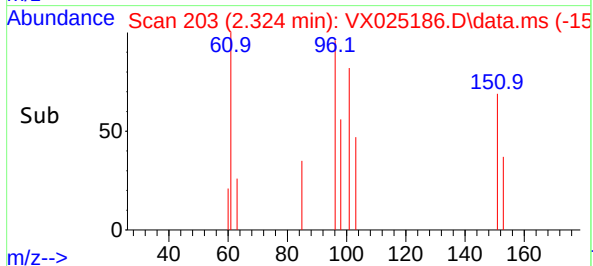
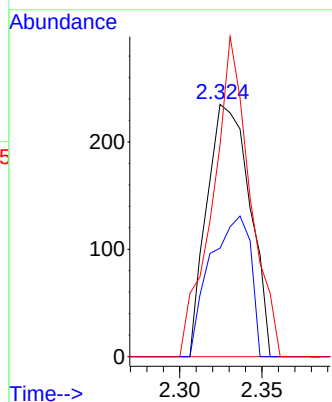
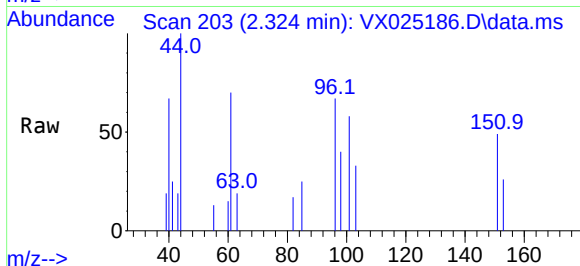




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.437 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

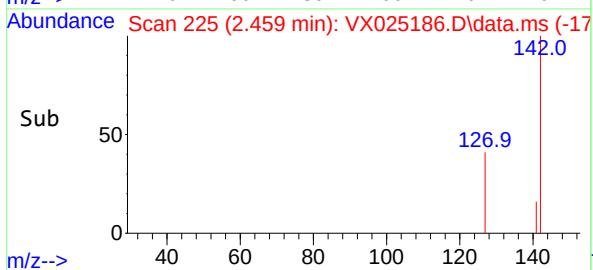
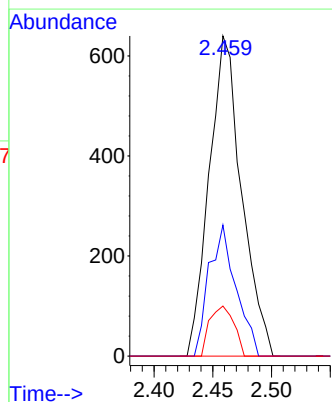
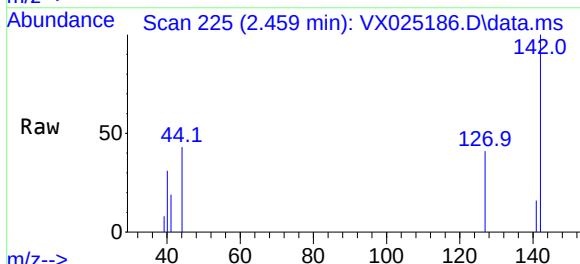
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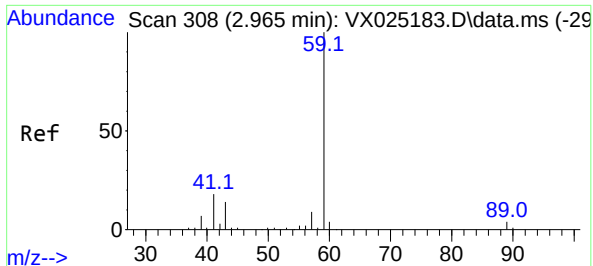
Tgt Ion:101 Resp: 427
Ion Ratio Lower Upper
101 100
85 52.7 35.9 53.9
151 110.3 64.4 96.6#



#10
Methyl Iodide
Concen: 1.007 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:142 Resp: 1230
Ion Ratio Lower Upper
142 100
127 34.0 38.9 58.3#
141 11.6 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 308

Delta R.T. -0.019 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

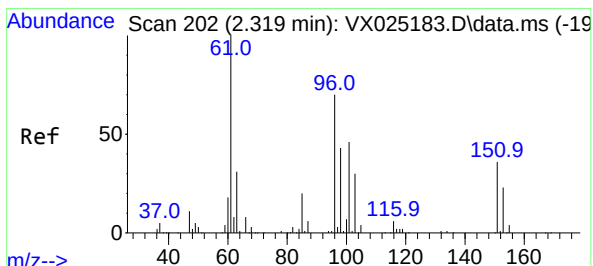
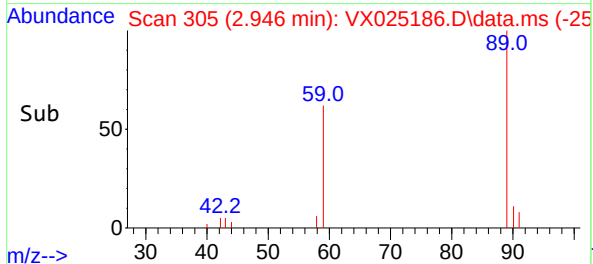
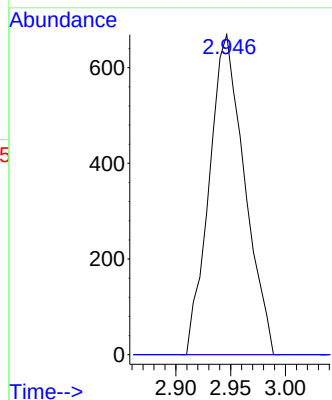
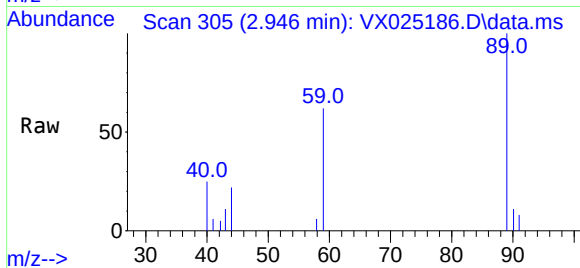
IBLK

Tgt Ion: 59 Resp: 1502

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 0.431 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

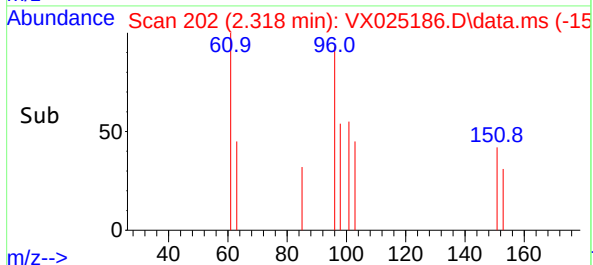
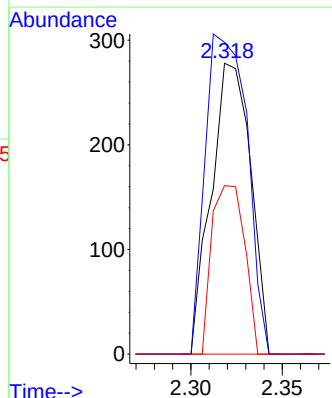
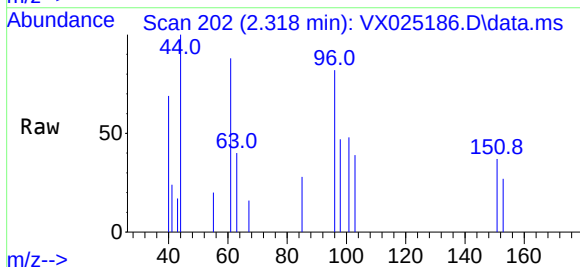
Tgt Ion: 96 Resp: 419

Ion Ratio Lower Upper

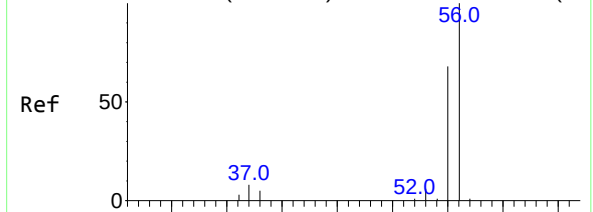
96 100

61 107.2 134.1 201.1#

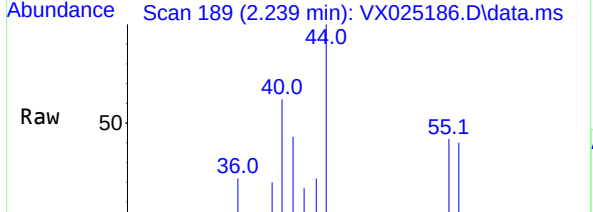
98 57.9 51.5 77.3



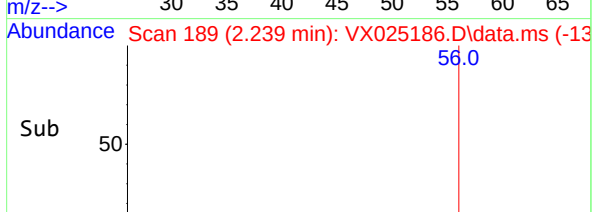
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Abundance Scan 189 (2.239 min): VX025186.D\data.ms



Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13



Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

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Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

Abundance Scan 189 (2.239 min): VX025186.D\data.ms (-13

#13

Acrolein

Concen: 2.644 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

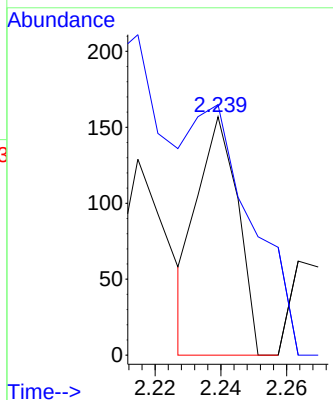
IBLK

Tgt Ion: 56 Resp: 134

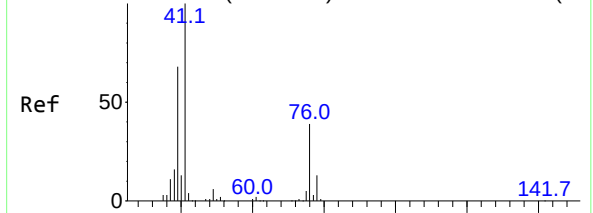
Ion Ratio Lower Upper

56 100

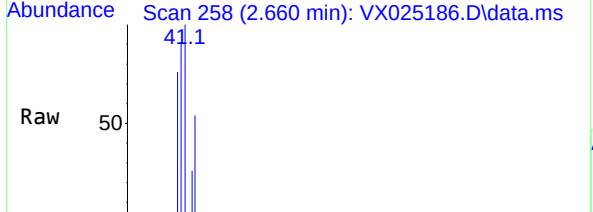
55 0.0 58.6 87.8#



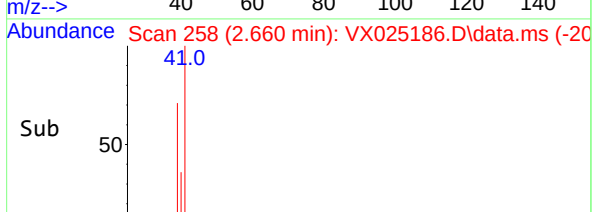
Abundance Scan 258 (2.660 min): VX025183.D\data.ms (-24



Abundance Scan 258 (2.660 min): VX025186.D\data.ms



Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20



Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

Abundance Scan 258 (2.660 min): VX025186.D\data.ms (-20

#14

Allyl chloride

Concen: 0.323 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

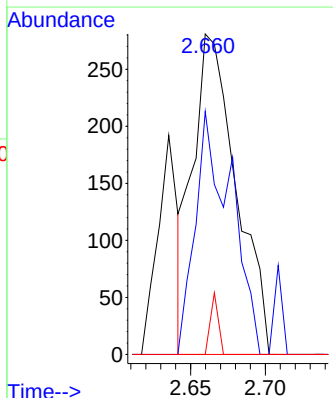
Tgt Ion: 41 Resp: 568

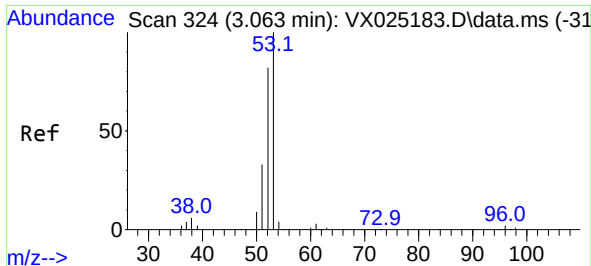
Ion Ratio Lower Upper

41 100

39 63.0 54.6 82.0

76 0.0 25.3 37.9#

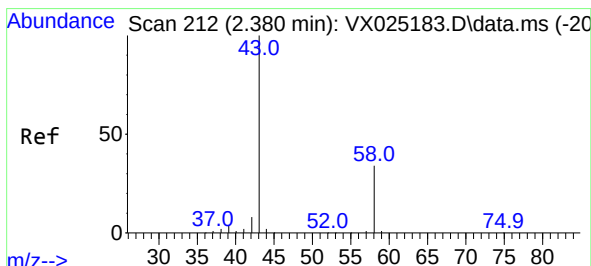
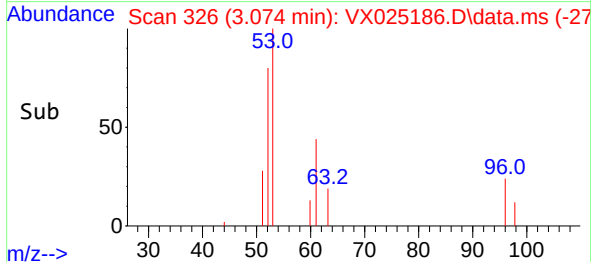
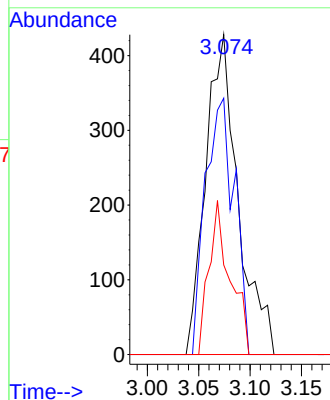
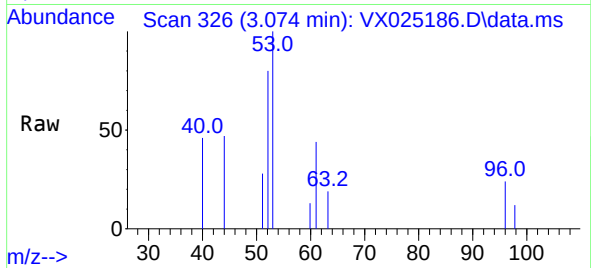




#15
Acrylonitrile
Concen: 1.585 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.011 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

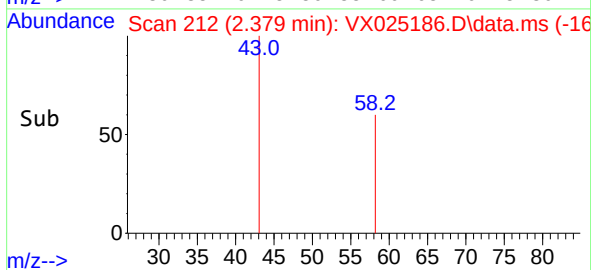
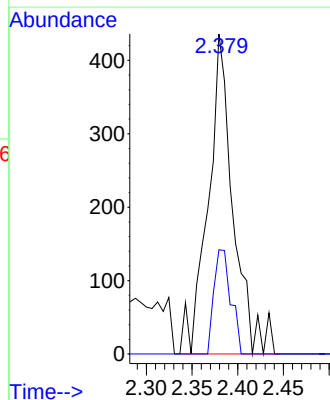
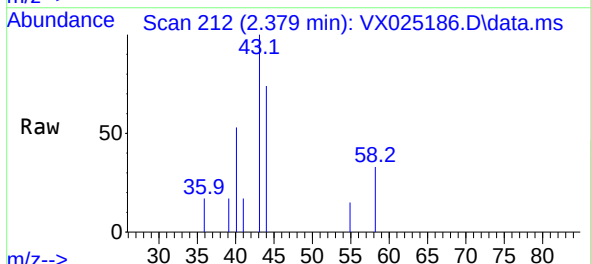
Instrument :
MSVOA_X
ClientSampleId :
IBLK

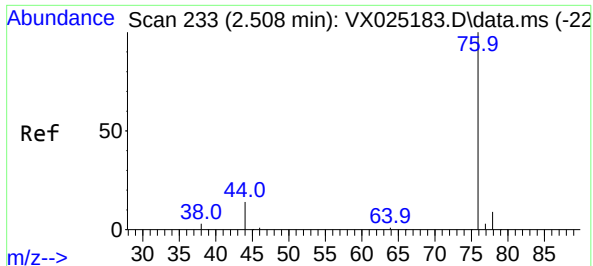
Tgt Ion:	53	Resp:	941
Ion	Ratio	Lower	Upper
53	100		
52	72.2	66.2	99.4
51	31.5	29.8	44.8



#16
Acetone
Concen: 1.357 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:	43	Resp:	834
Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.0	36.0

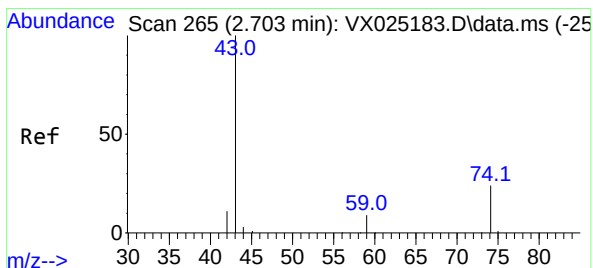
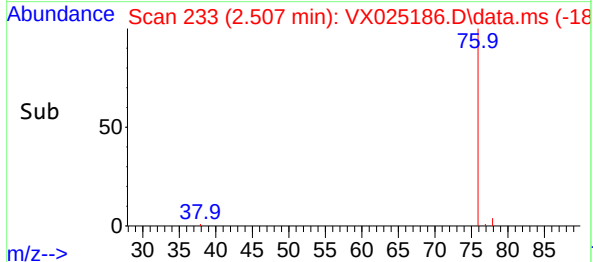
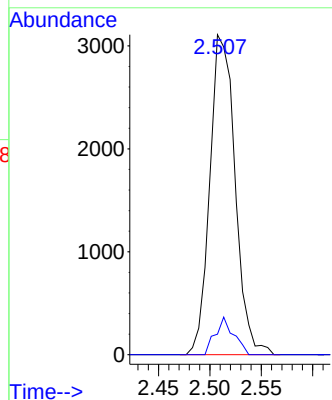
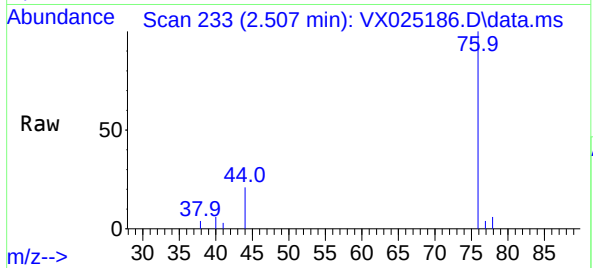




#17
Carbon Disulfide
Concen: 1.941 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

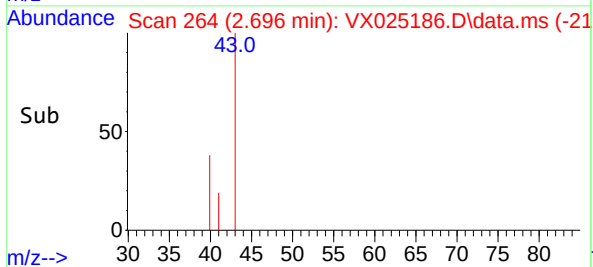
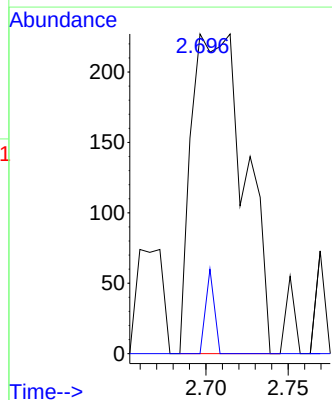
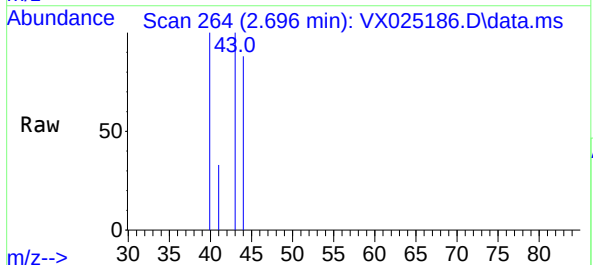
Instrument :
MSVOA_X
ClientSampleId :
IBLK

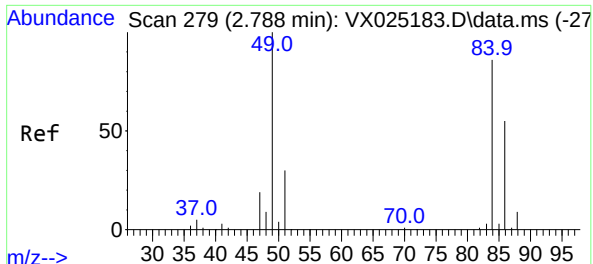
Tgt Ion: 76 Resp: 5313
Ion Ratio Lower Upper
76 100
78 6.4 6.9 10.3#



#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.007 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
74 4.3 19.0 28.6#





#20

Methylene Chloride

Concen: 0.492 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 569

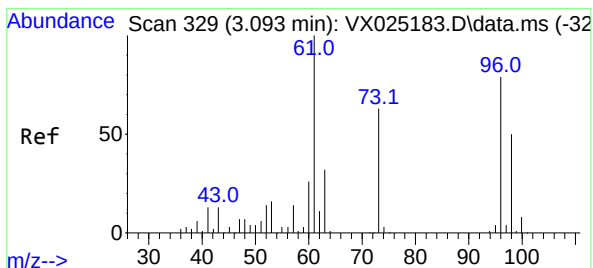
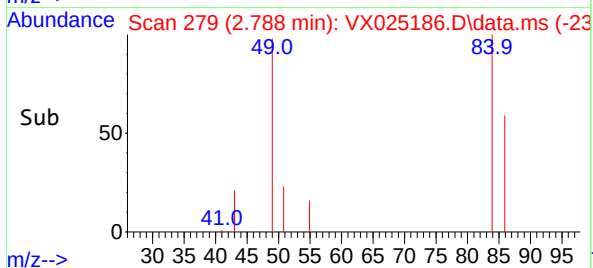
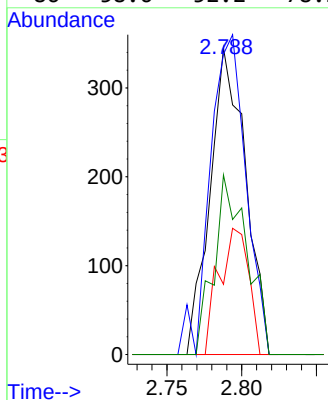
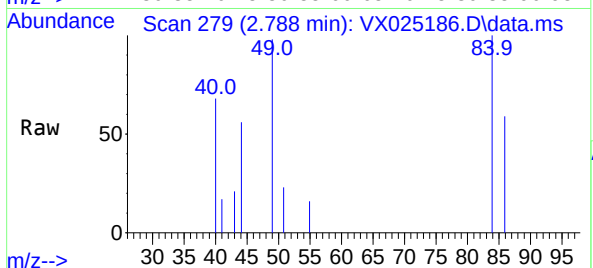
Ion Ratio Lower Upper

84 100

49 98.0 98.2 147.2#

51 22.9 30.2 45.4#

86 58.6 52.2 78.2



#21

trans-1,2-Dichloroethene

Concen: 0.766 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

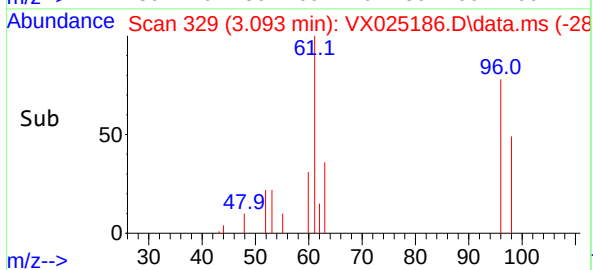
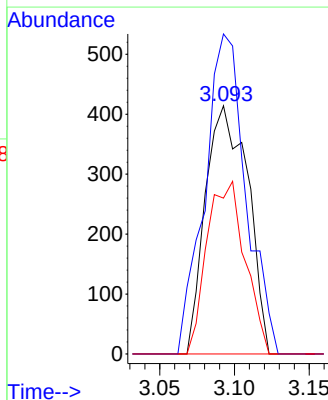
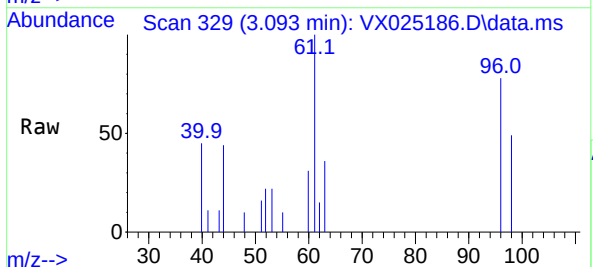
Tgt Ion: 96 Resp: 816

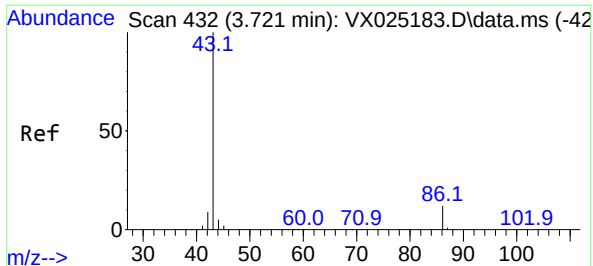
Ion Ratio Lower Upper

96 100

61 129.0 117.9 176.9

98 62.8 51.1 76.7

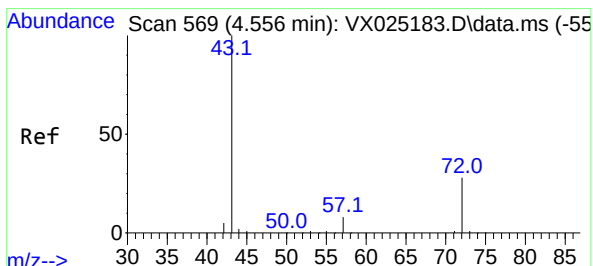
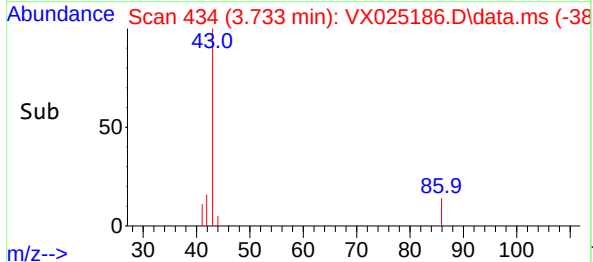
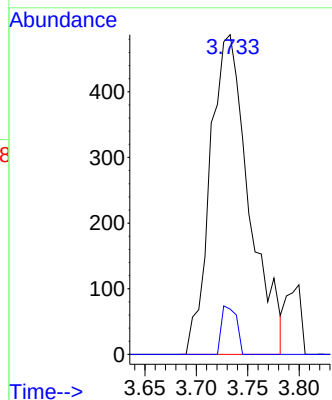
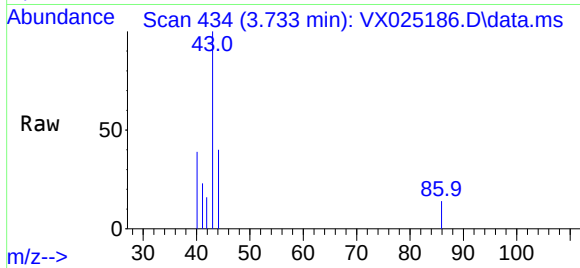




#23
 Vinyl Acetate
 Concen: 0.475 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX025186.D
 Acq: 17 Nov 2021 12:52

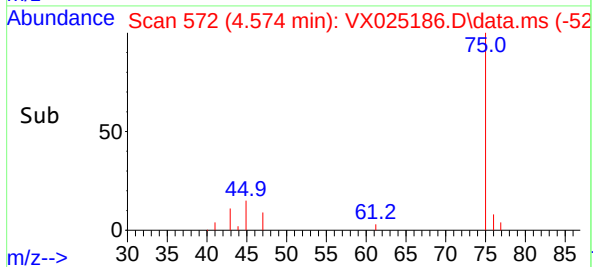
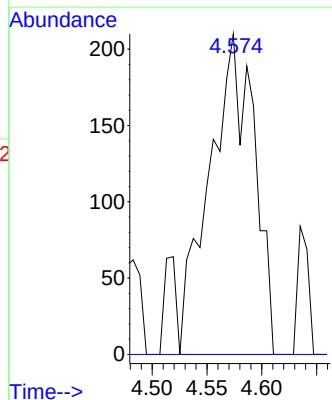
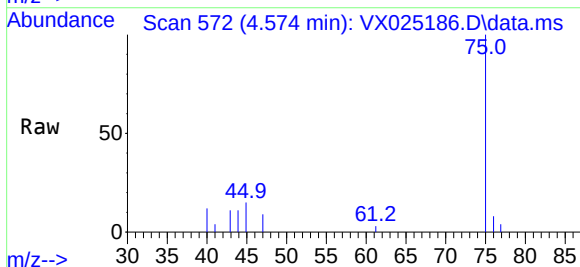
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

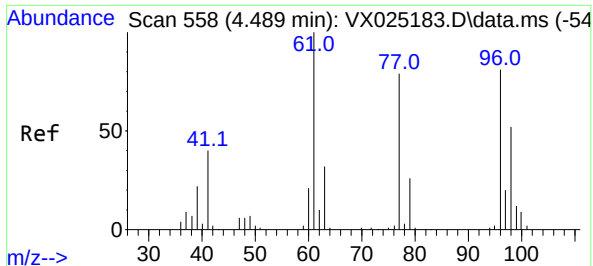
Tgt Ion: 43 Resp: 1280
 Ion Ratio Lower Upper
 43 100
 86 14.2 8.2 12.4#



#25
 2-Butanone
 Concen: 0.672 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: VX025186.D
 Acq: 17 Nov 2021 12:52

Tgt Ion: 43 Resp: 597
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.2 31.8#



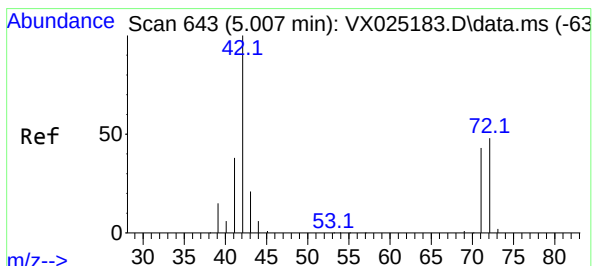
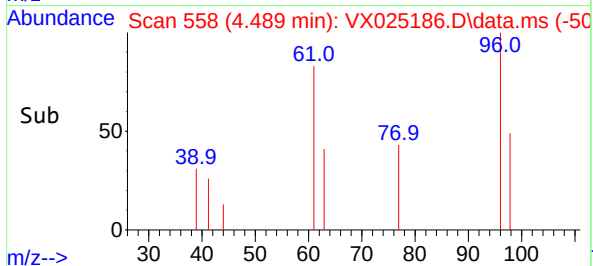
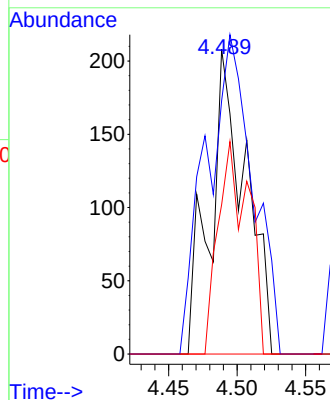
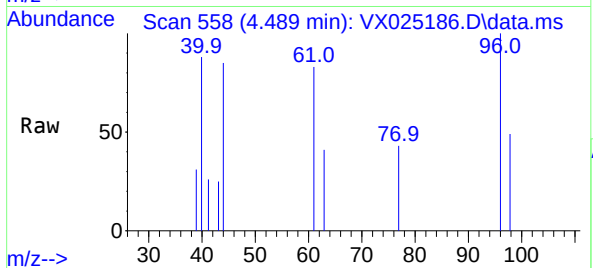


#27
cis-1,2-Dichloroethene
Concen: 0.302 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 96 Resp: 376

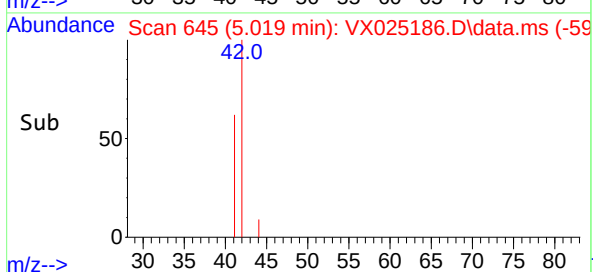
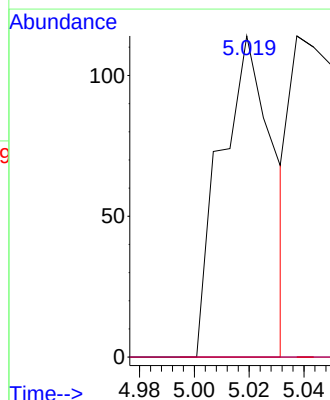
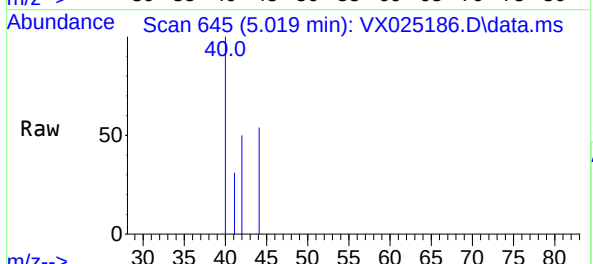
Ion	Ratio	Lower	Upper
96	100		
61	137.2	0.0	302.2
98	60.1	0.0	131.4

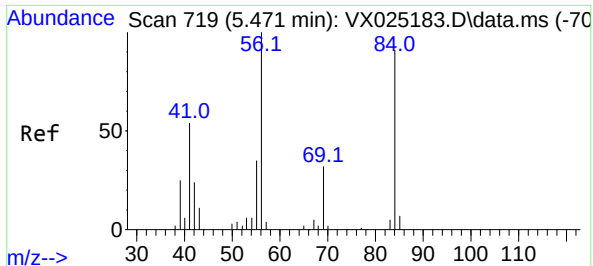


#29
Tetrahydrofuran
Concen: 0.274 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 42 Resp: 151

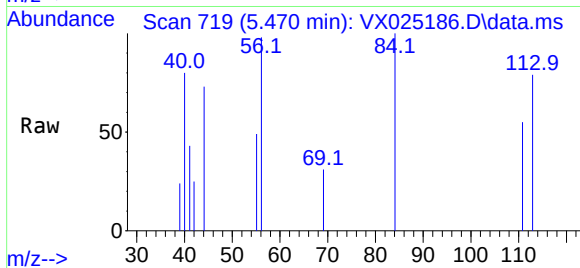
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.1	54.1#
71	0.0	33.7	50.5#



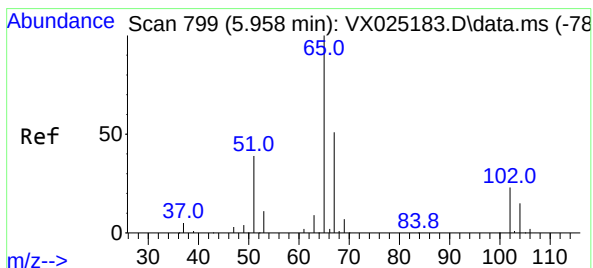
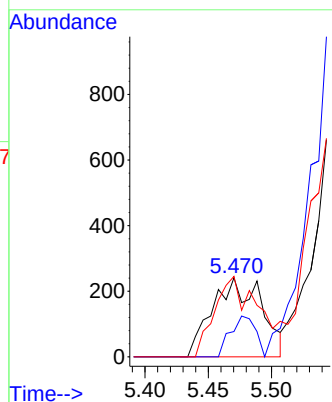
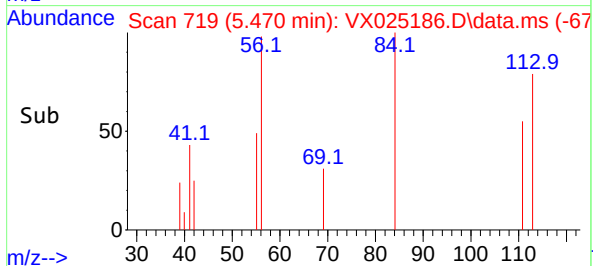


#31
Cyclohexane
Concen: 0.379 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

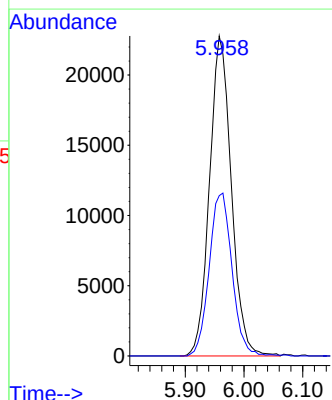
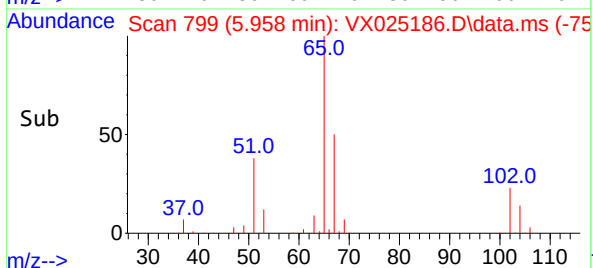
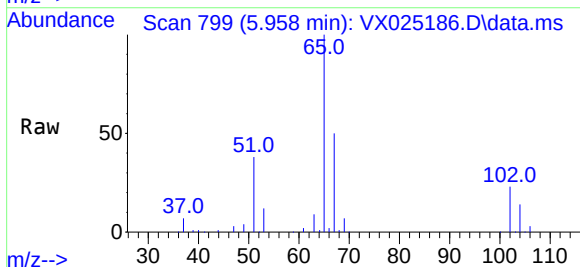


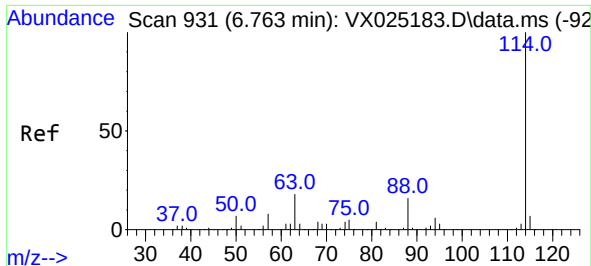
Tgt Ion:	56	Resp:	648
Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.2	36.2
84	101.7	71.5	107.3



#33
1,2-Dichloroethane-d4
Concen: 53.098 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:	65	Resp:	58745
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	101.0

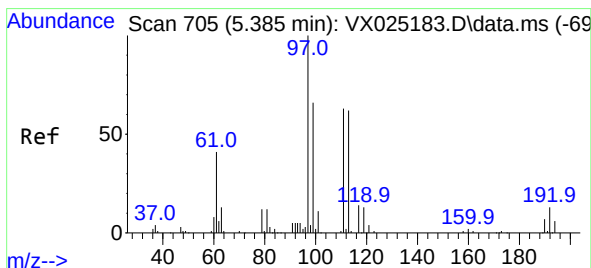
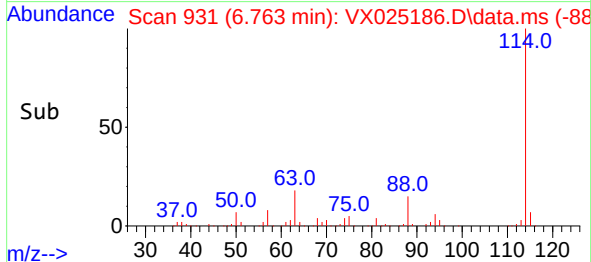
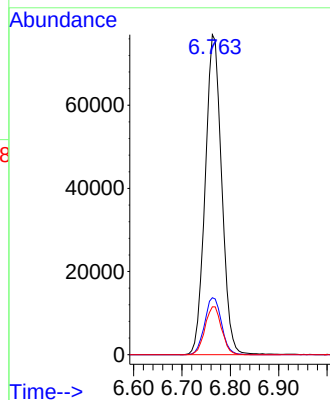
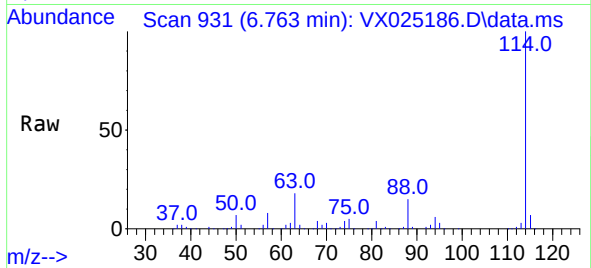




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

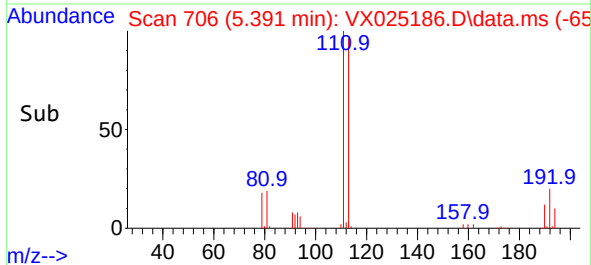
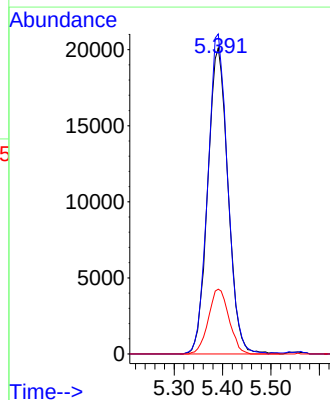
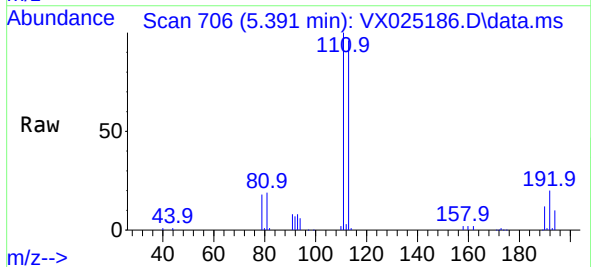
Instrument :
MSVOA_X
ClientSampleId :
IBLK

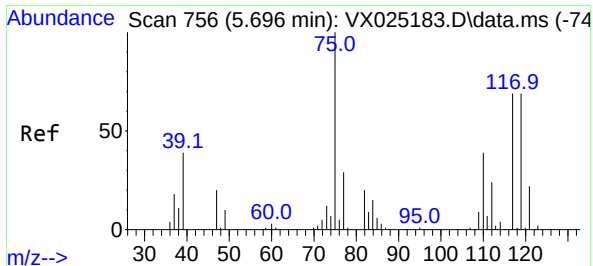
Tgt Ion:114 Resp: 182381
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.0
88 15.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 52.384 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:113 Resp: 58619
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 21.5 15.6 23.4

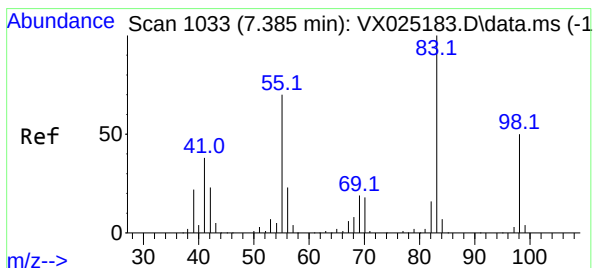
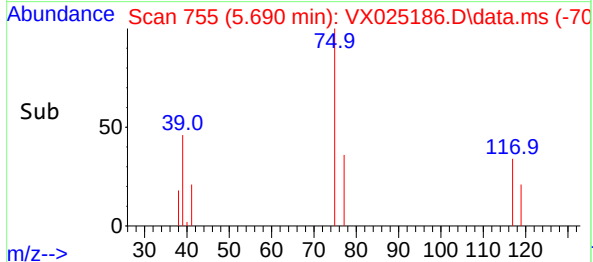
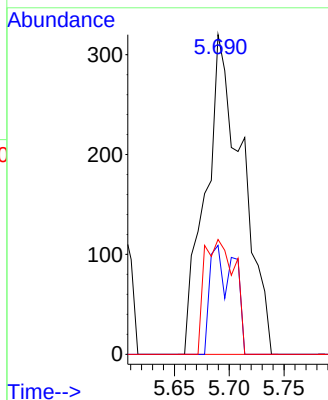
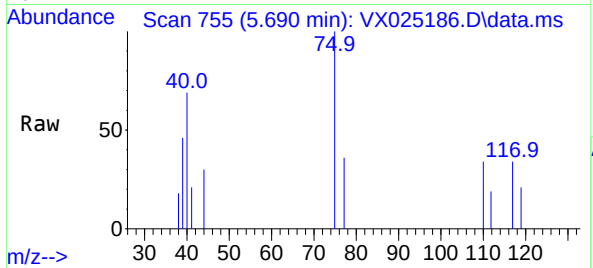




#36
1,1-Dichloropropene
Concen: 0.469 ug/l
RT: 5.690 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

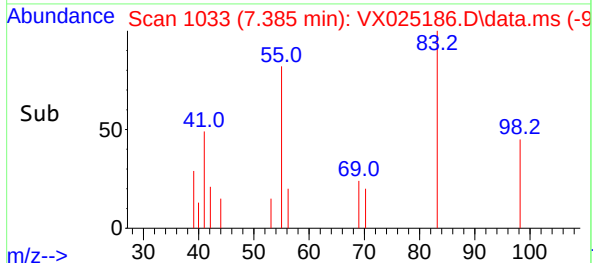
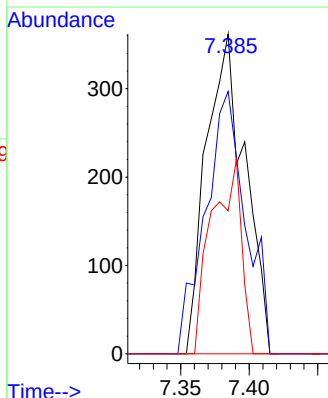
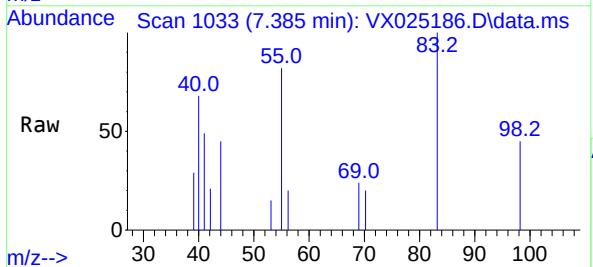
Instrument :
MSVOA_X
ClientSampleId :
IBLK

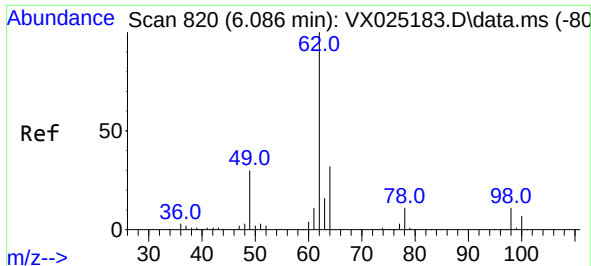
Tgt Ion: 75 Resp: 747
Ion Ratio Lower Upper
75 100
110 22.4 18.1 54.3
77 29.5 24.4 36.6



#39
Methylcyclohexane
Concen: 0.349 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 83 Resp: 713
Ion Ratio Lower Upper
83 100
55 82.0 60.8 91.2
98 44.8 37.0 55.4





#42

1,2-Dichloroethane

Concen: 0.203 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

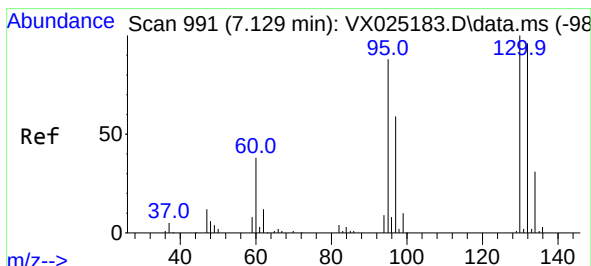
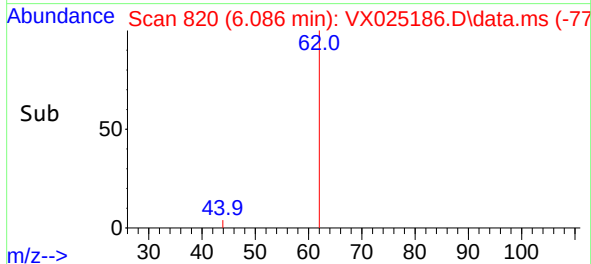
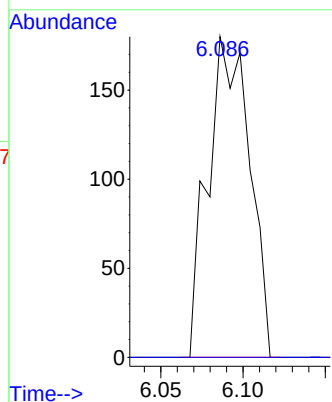
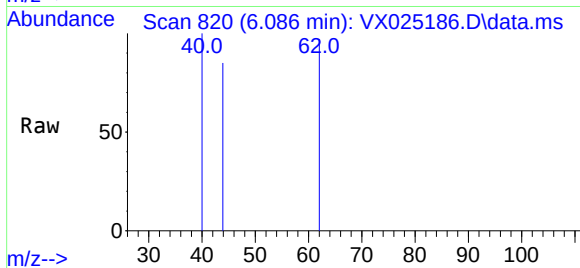
IBLK

Tgt Ion: 62 Resp: 318

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#44

Trichloroethene

Concen: 0.391 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.001 min

Lab File: VX025186.D

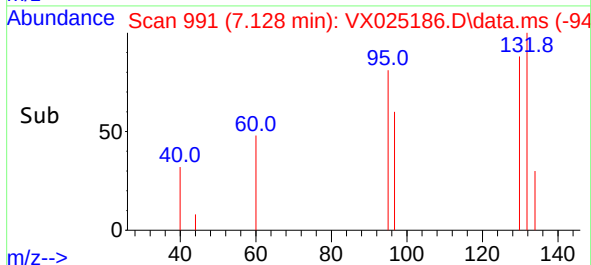
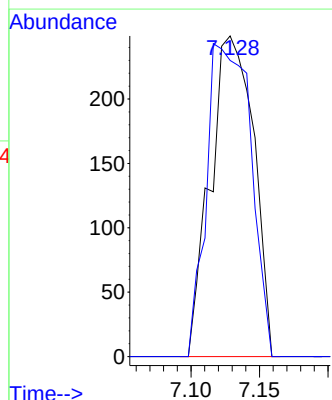
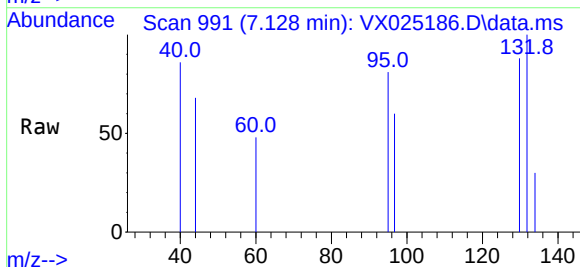
Acq: 17 Nov 2021 12:52

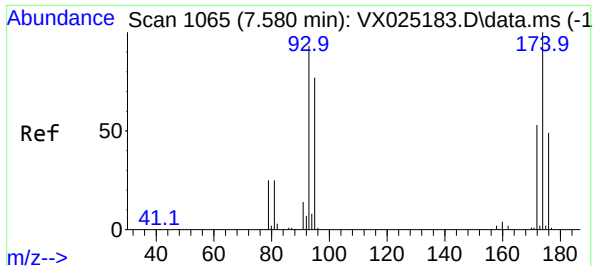
Tgt Ion: 130 Resp: 548

Ion Ratio Lower Upper

130 100

95 92.4 0.0 196.8

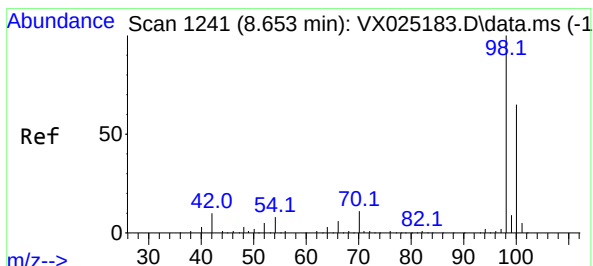
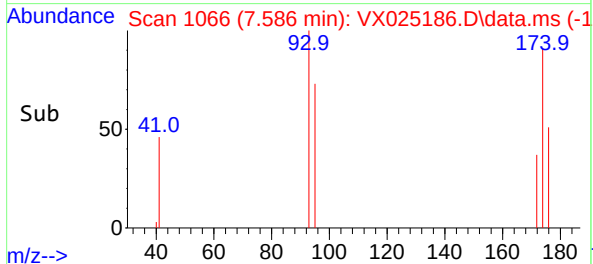
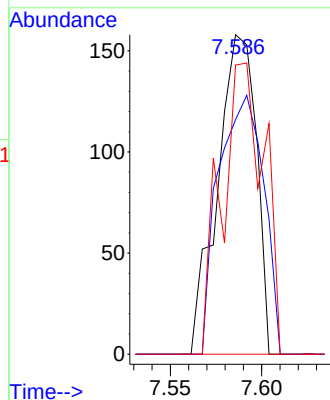
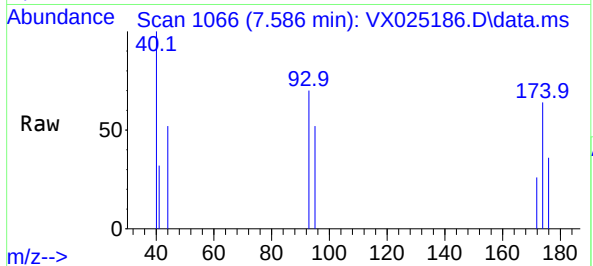




#46
Dibromomethane
Concen: 0.272 ug/l
RT: 7.586 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

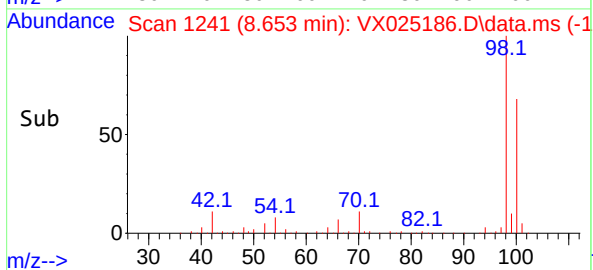
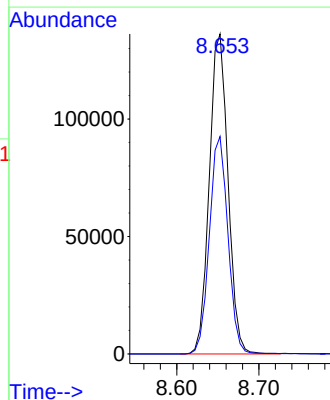
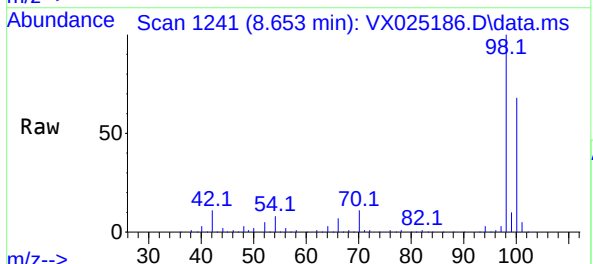
Instrument :
MSVOA_X
ClientSampleId :
IBLK

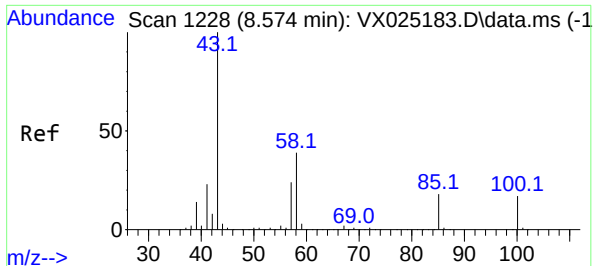
Tgt Ion: 93 Resp: 234
Ion Ratio Lower Upper
93 100
95 93.6 66.6 100.0
174 99.1 79.2 118.8



#50
Toluene-d8
Concen: 51.123 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 98 Resp: 215097
Ion Ratio Lower Upper
98 100
100 67.5 51.4 77.0

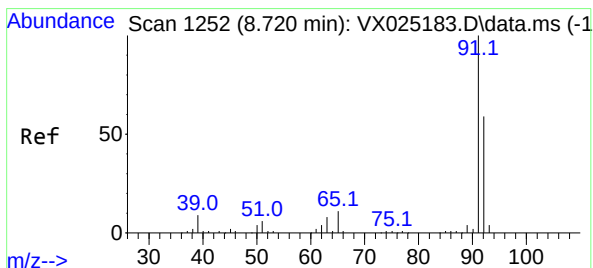
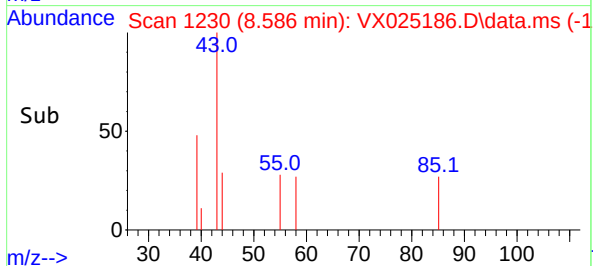
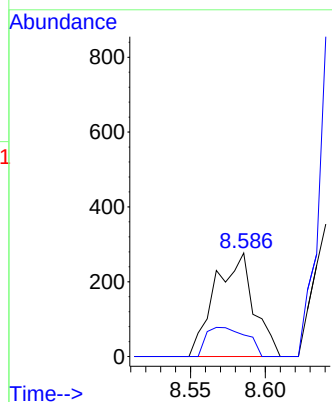
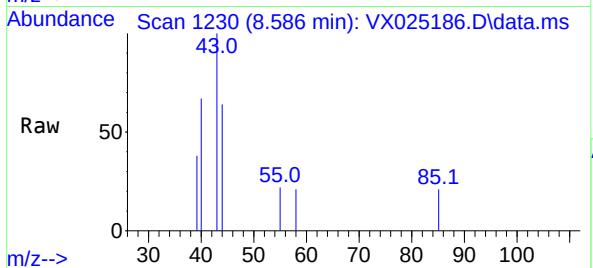




#51
4-Methyl-2-Pentanone
Concen: 0.265 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

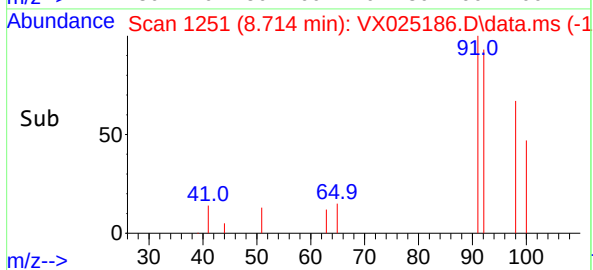
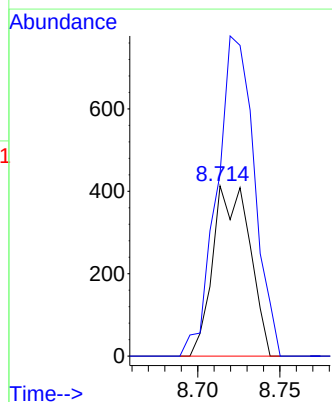
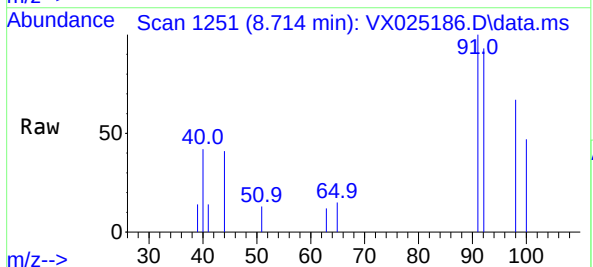
Instrument :
MSVOA_X
ClientSampleId :
IBLK

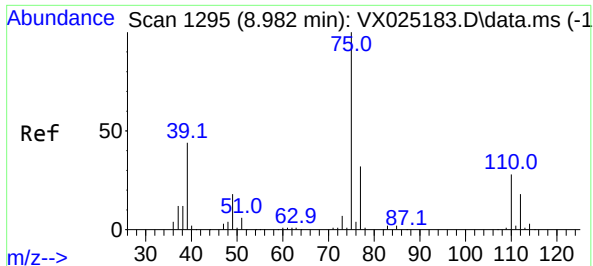
Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 29.1 30.9 46.3#



#52
Toluene
Concen: 0.205 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 92 Resp: 645
Ion Ratio Lower Upper
92 100
91 190.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 0.300 ug/l

RT: 8.988 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

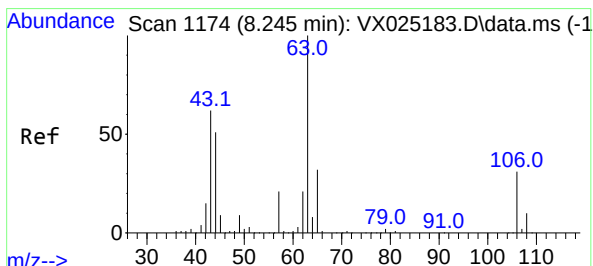
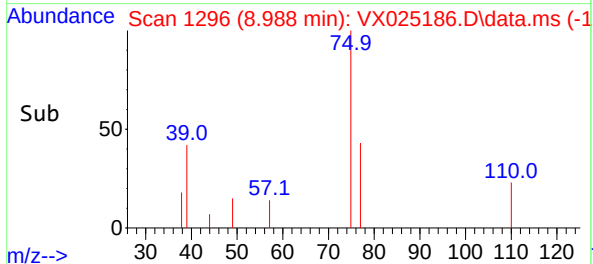
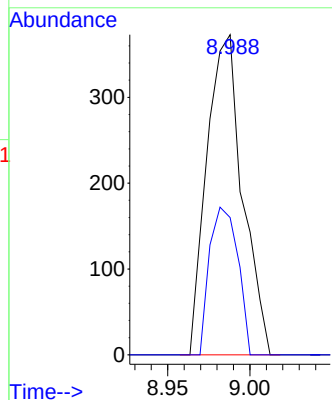
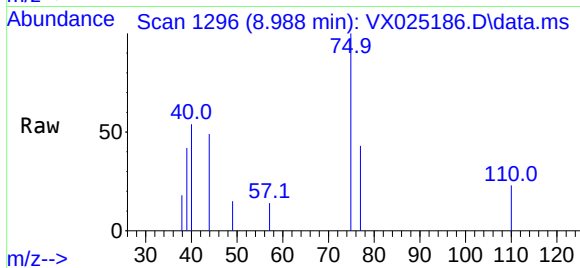
IBLK

Tgt Ion: 75 Resp: 563

Ion Ratio Lower Upper

75 100

77 42.9 25.6 38.4#



#58

2-Chloroethyl Vinyl ether

Concen: 0.396 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.005 min

Lab File: VX025186.D

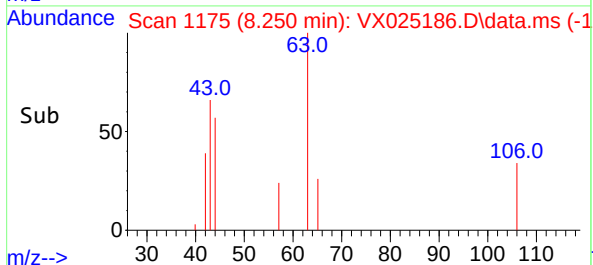
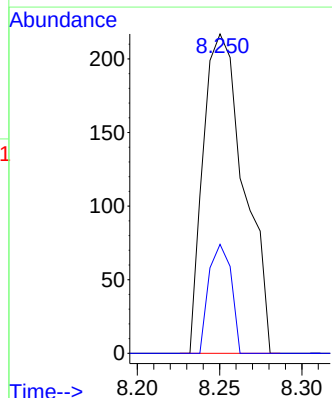
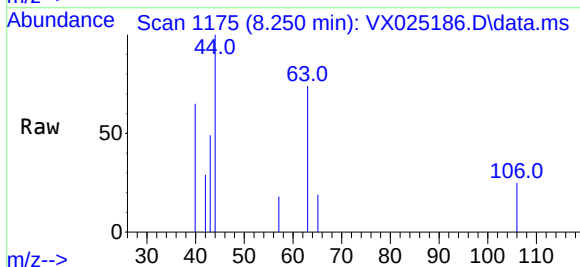
Acq: 17 Nov 2021 12:52

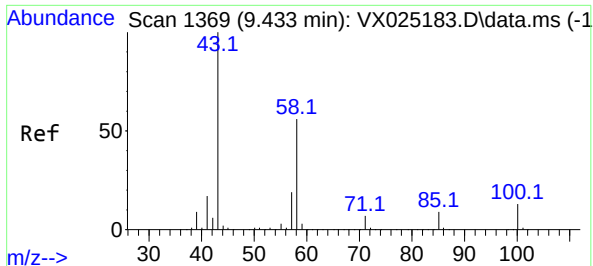
Tgt Ion: 63 Resp: 374

Ion Ratio Lower Upper

63 100

106 18.7 22.8 34.2#

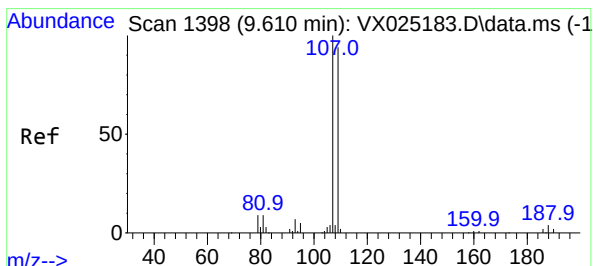
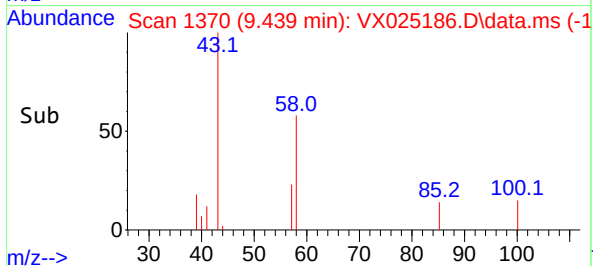
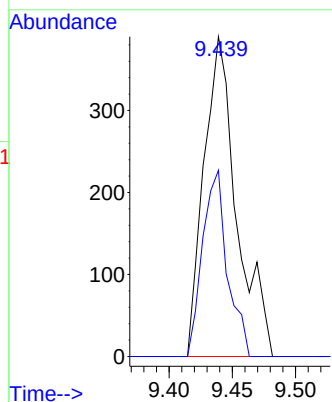
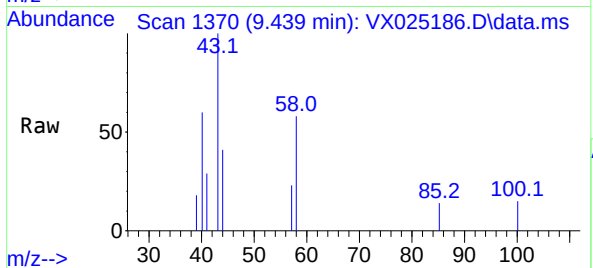




#59
2-Hexanone
Concen: 0.471 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

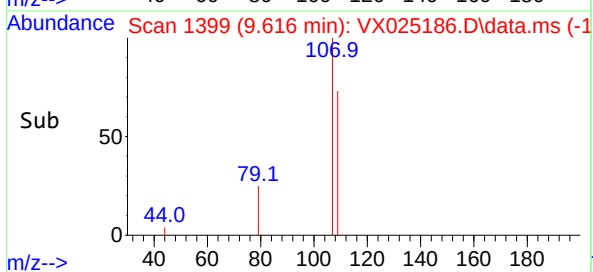
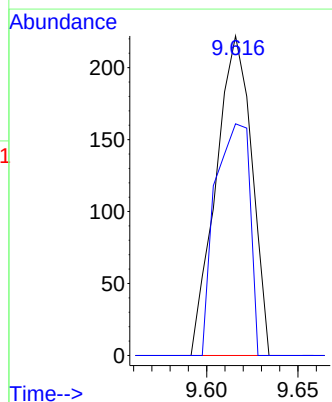
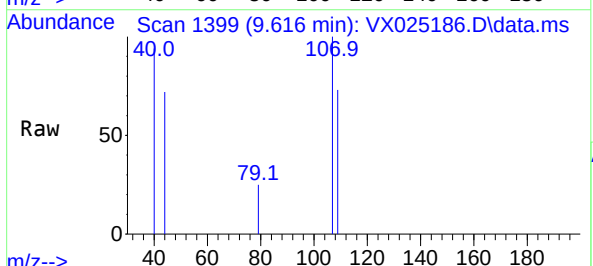
Instrument :
MSVOA_X
ClientSampleId :
IBLK

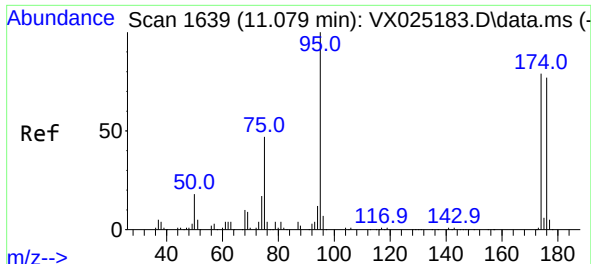
Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 44.0 26.6 79.7



#61
1,2-Dibromoethane
Concen: 0.223 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 107 Resp: 302
Ion Ratio Lower Upper
107 100
109 69.9 74.4 111.6#

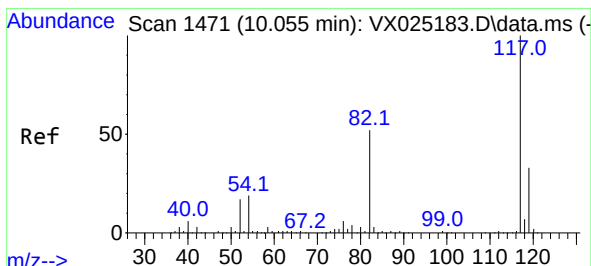
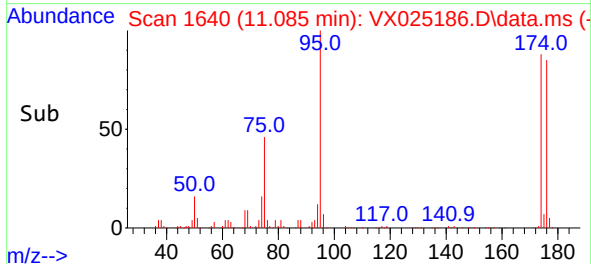
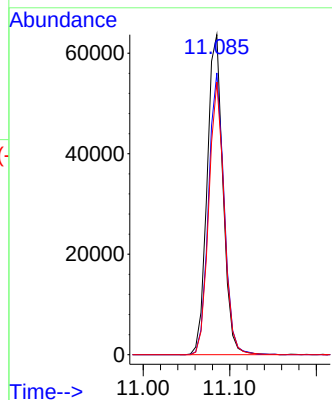
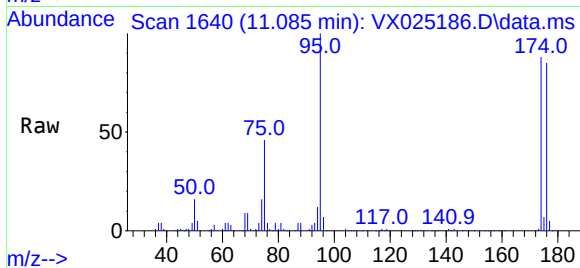




#62
4-Bromofluorobenzene
Concen: 50.812 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

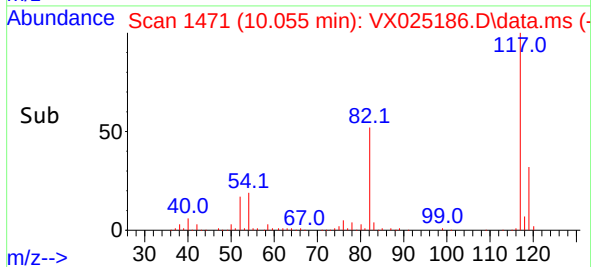
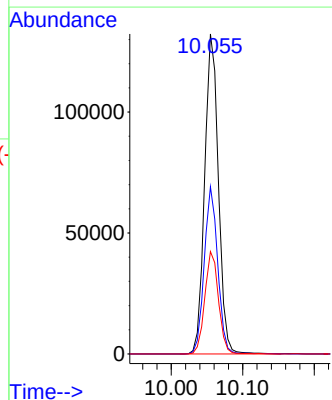
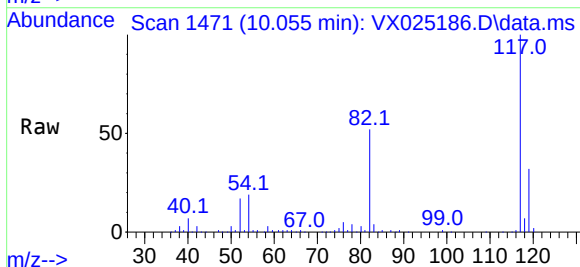
Instrument :
MSVOA_X
ClientSampleId :
IBLK

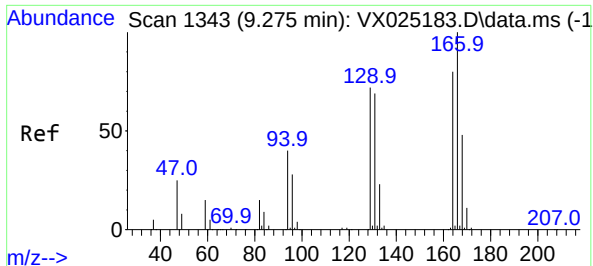
Tgt Ion: 95 Resp: 80877
Ion Ratio Lower Upper
95 100
174 86.9 0.0 158.0
176 82.8 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 117 Resp: 176854
Ion Ratio Lower Upper
117 100
82 52.2 44.6 67.0
119 32.0 24.8 37.2



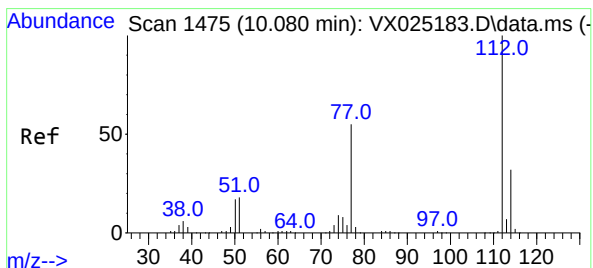
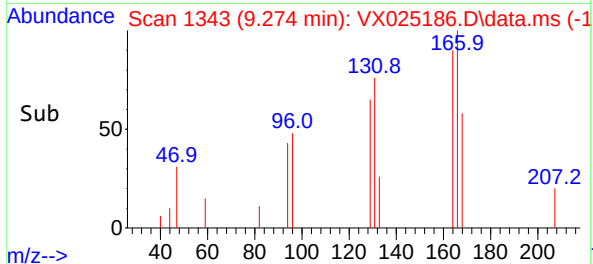
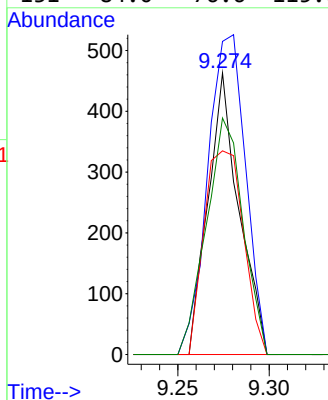
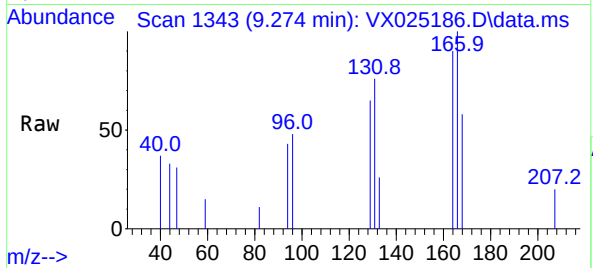


#64
Tetrachloroethene
Concen: 0.375 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 547

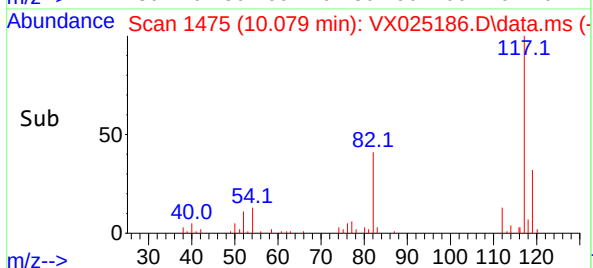
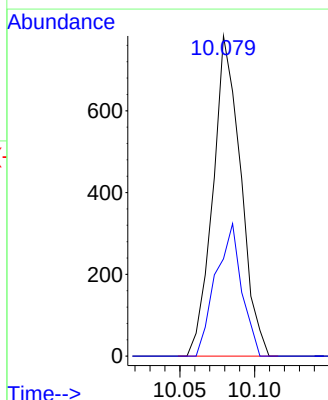
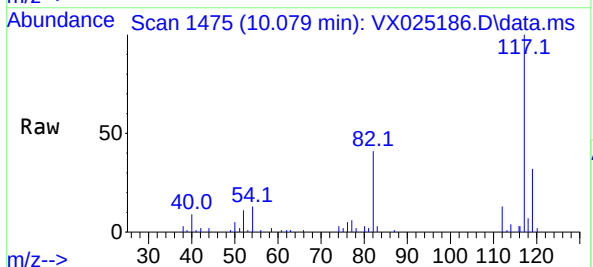
Ion	Ratio	Lower	Upper
164	100		
166	111.2	103.2	154.8
129	72.4	81.0	121.4#
131	84.0	76.6	115.0

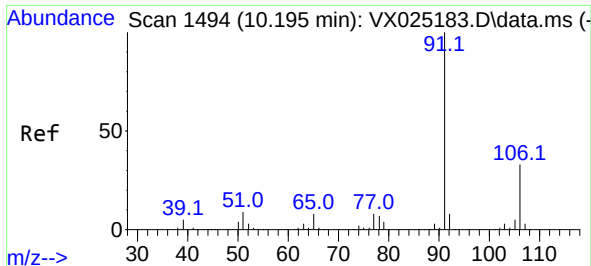


#65
Chlorobenzene
Concen: 0.281 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:112 Resp: 1012

Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.8	38.6





#67

Ethyl Benzene

Concen: 0.297 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

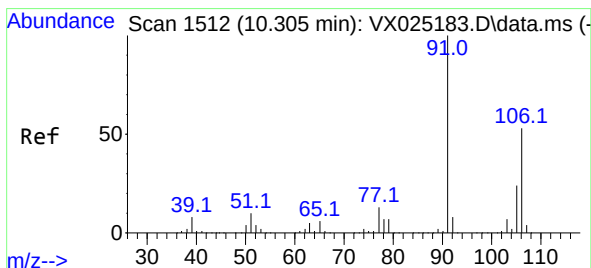
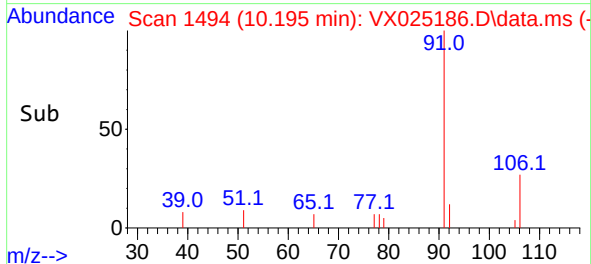
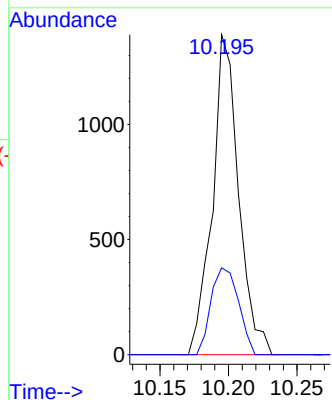
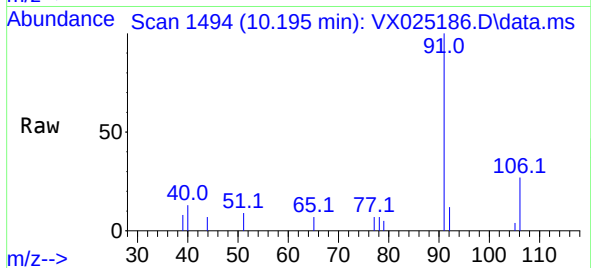
IBLK

Tgt Ion: 91 Resp: 1847

Ion Ratio Lower Upper

91 100

106 27.1 24.7 37.1



#68

m/p-Xylenes

Concen: 0.566 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025186.D

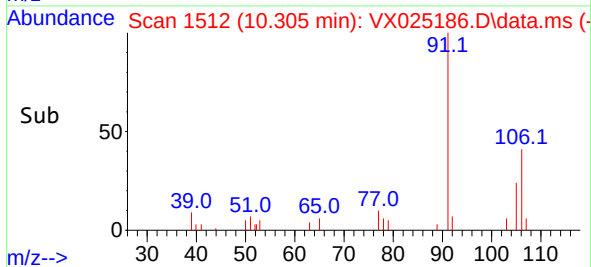
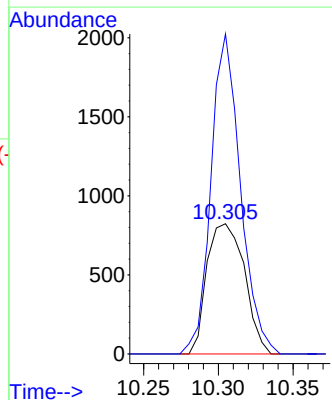
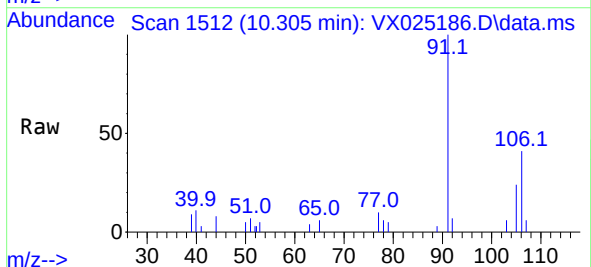
Acq: 17 Nov 2021 12:52

Tgt Ion:106 Resp: 1439

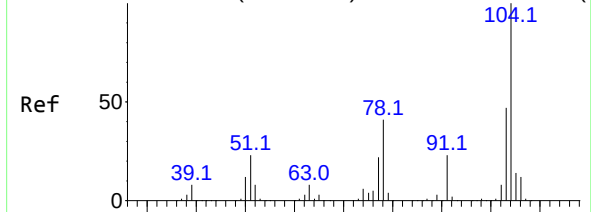
Ion Ratio Lower Upper

106 100

91 192.8 163.4 245.0



Abundance Scan 1570 (10.659 min): VX025183.D\data.ms (-



#70

Styrene

Concen: 0.285 ug/l

RT: 10.658 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:104 Resp: 1174

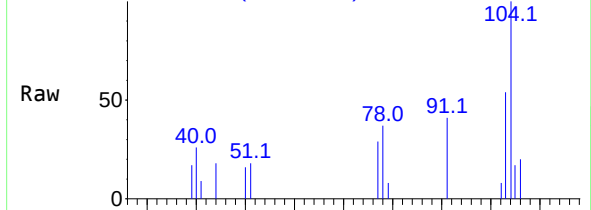
Ion Ratio Lower Upper

104 100

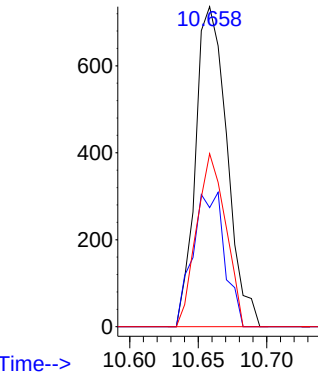
78 42.4 41.3 61.9

103 49.9 43.5 65.3

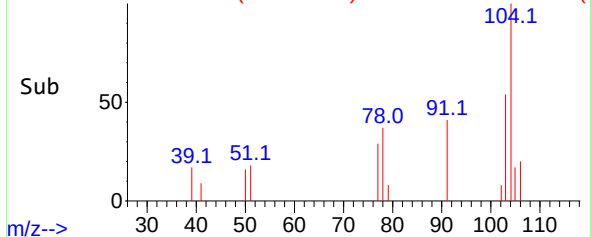
Abundance Scan 1570 (10.658 min): VX025186.D\data.ms



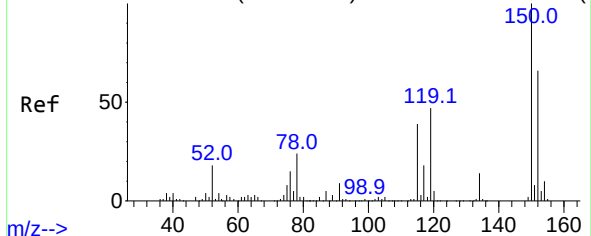
Abundance



Abundance Scan 1570 (10.658 min): VX025186.D\data.ms (-



Abundance Scan 1794 (12.024 min): VX025183.D\data.ms (-



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Tgt Ion:152 Resp: 78493

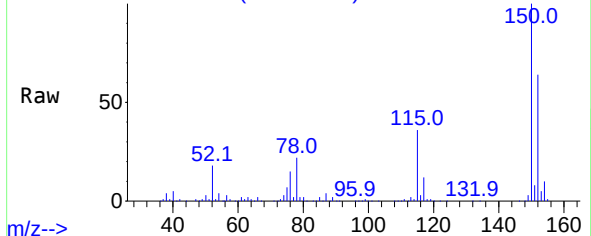
Ion Ratio Lower Upper

152 100

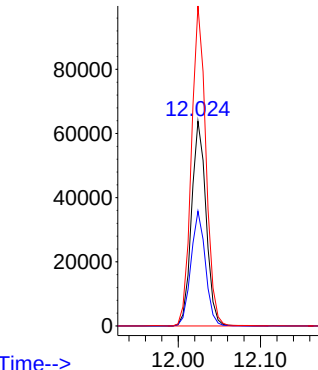
115 55.8 43.3 129.8

150 155.5 0.0 351.2

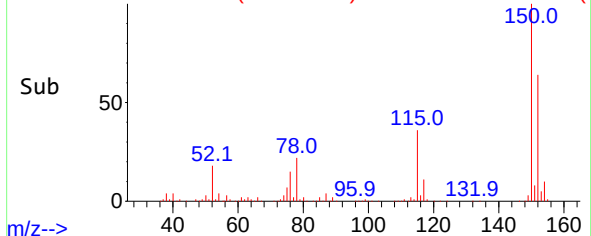
Abundance Scan 1794 (12.024 min): VX025186.D\data.ms

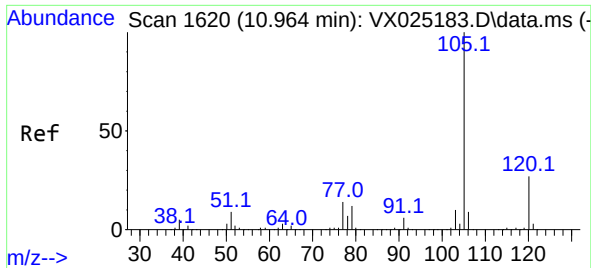


Abundance



Abundance Scan 1794 (12.024 min): VX025186.D\data.ms (-

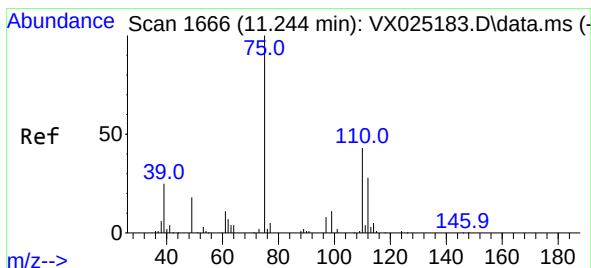
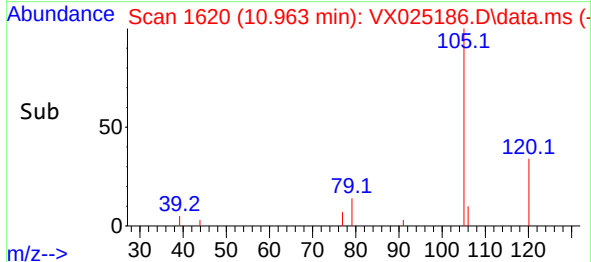
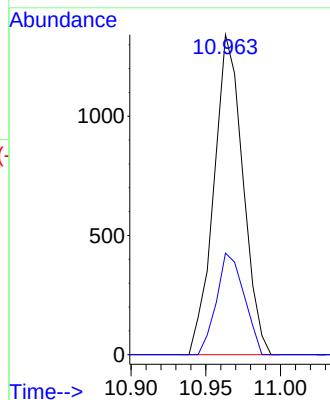
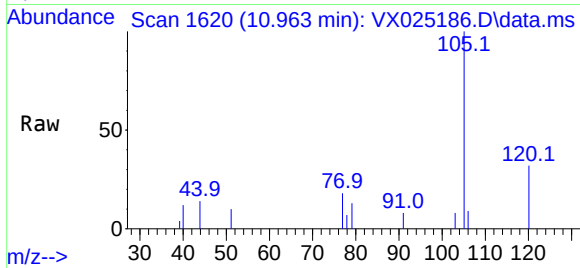




#73
Isopropylbenzene
Concen: 0.324 ug/l
RT: 10.963 min Scan# 10
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

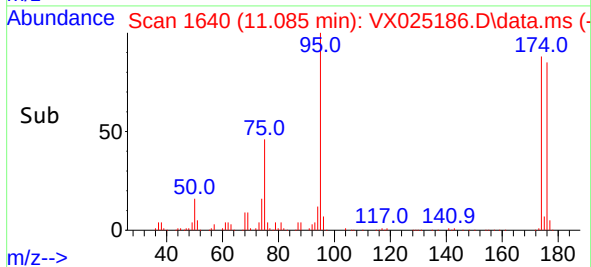
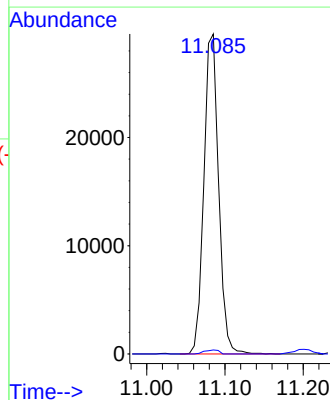
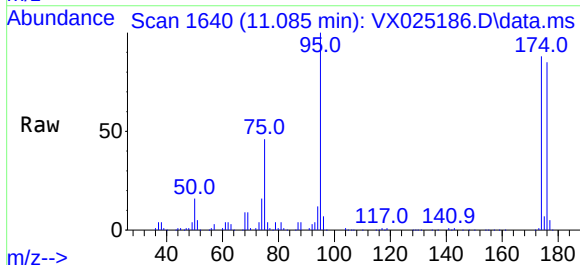
Instrument :
MSVOA_X
ClientSampleId :
IBLK

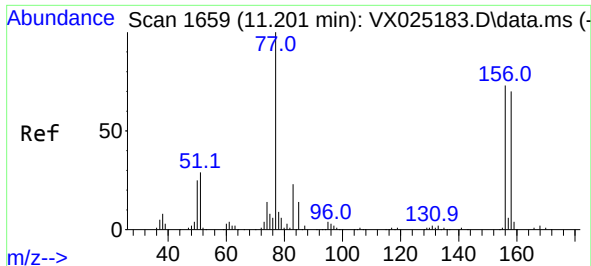
Tgt Ion:105 Resp: 1812
Ion Ratio Lower Upper
105 100
120 30.1 13.3 39.8



#76
1,2,3-Trichloropropane
Concen: 24.006 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 75 Resp: 38586
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#

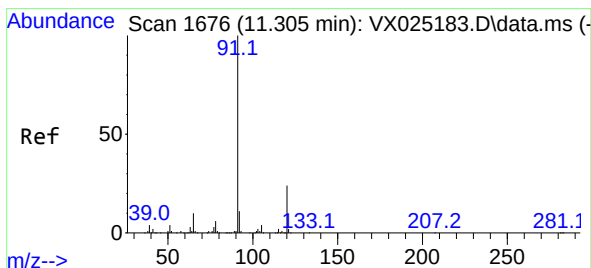
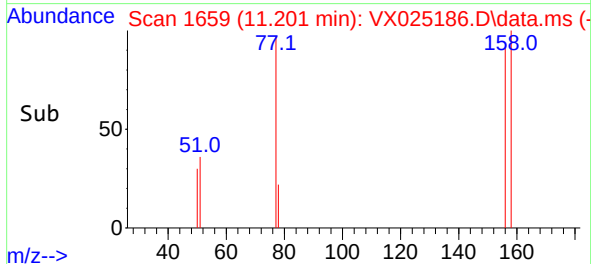
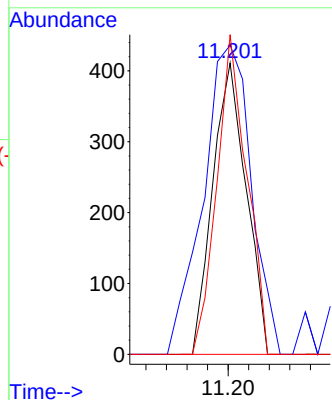
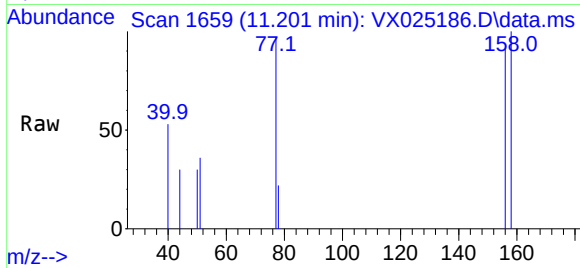




#77
Bromobenzene
Concen: 0.323 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

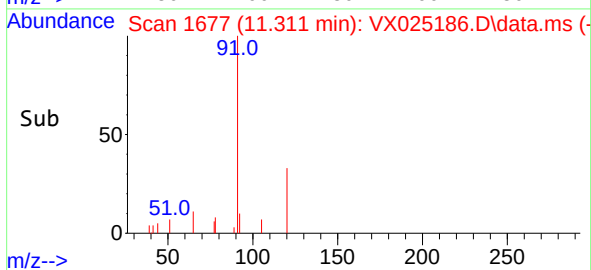
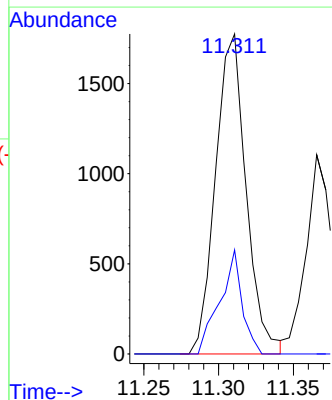
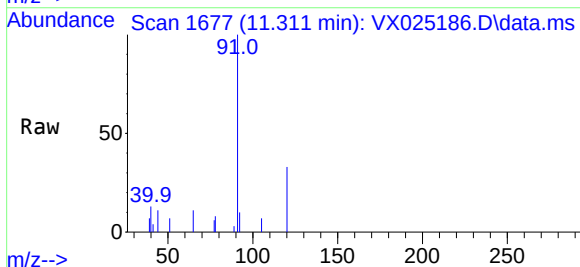
Instrument :
MSVOA_X
ClientSampleId :
IBLK

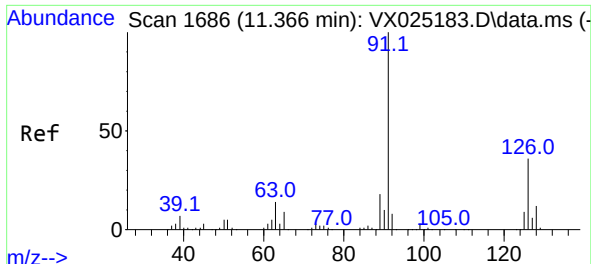
Tgt Ion:	156	Resp:	465
Ion	Ratio	Lower	Upper
156	100		
77	152.9	78.3	234.8
158	98.5	48.9	146.6



#78
n-propylbenzene
Concen: 0.402 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:	91	Resp:	2526
Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.7	35.0





#79

2-Chlorotoluene

Concen: 0.362 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

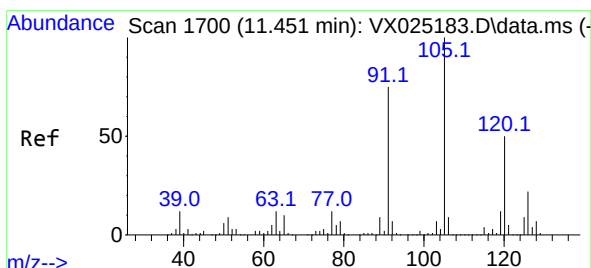
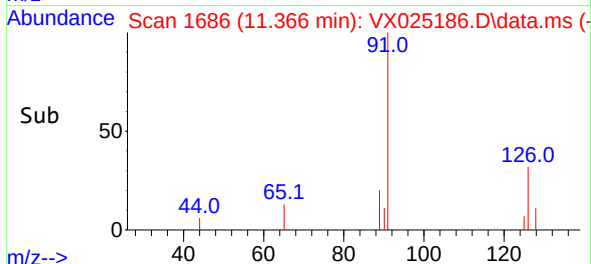
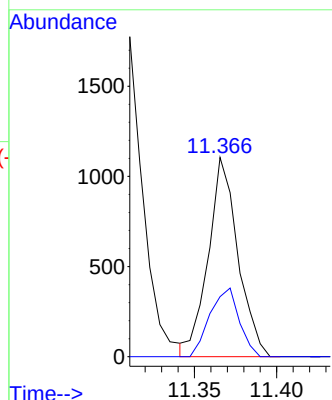
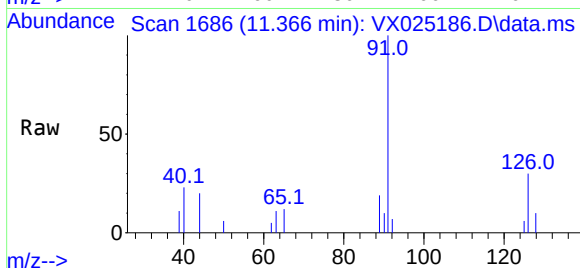
IBLK

Tgt Ion: 91 Resp: 1384

Ion Ratio Lower Upper

91 100

126 34.0 17.0 50.9



#80

1,3,5-Trimethylbenzene

Concen: 0.335 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025186.D

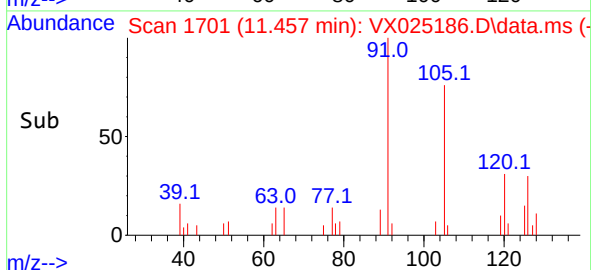
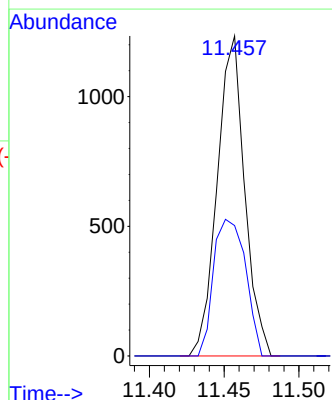
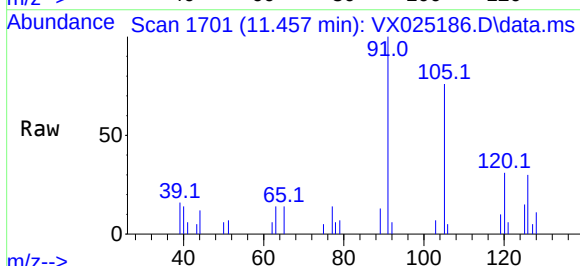
Acq: 17 Nov 2021 12:52

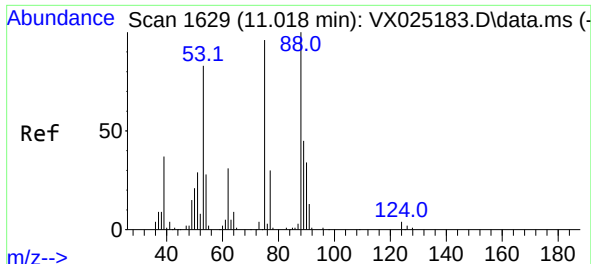
Tgt Ion: 105 Resp: 1576

Ion Ratio Lower Upper

105 100

120 49.7 23.8 71.5

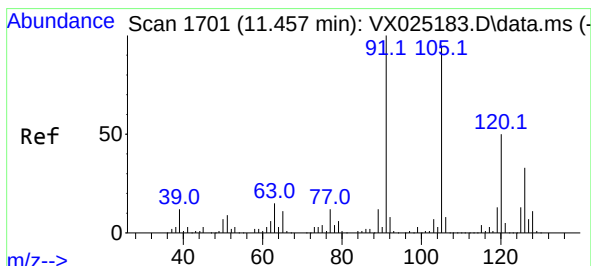
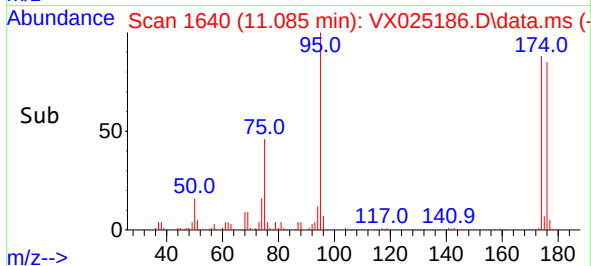
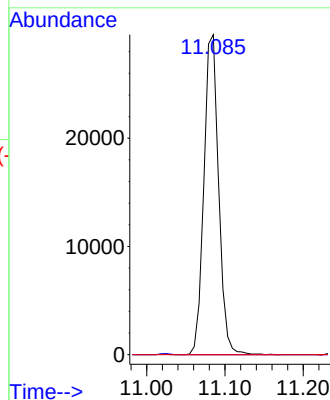
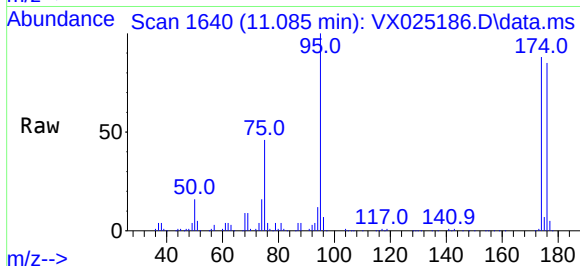




#81
trans-1,4-Dichloro-2-butene
Concen: 60.474 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.067 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

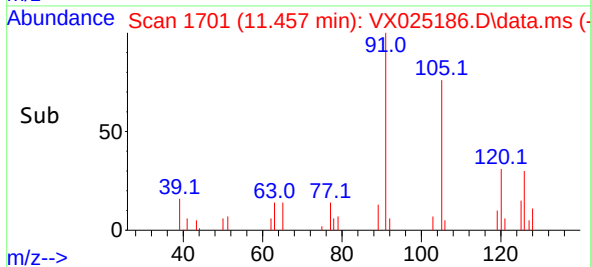
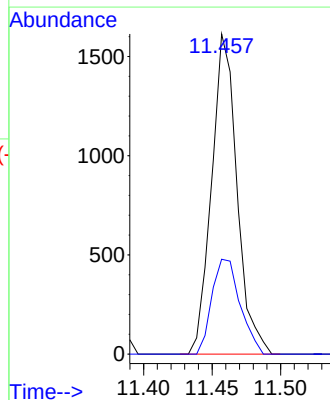
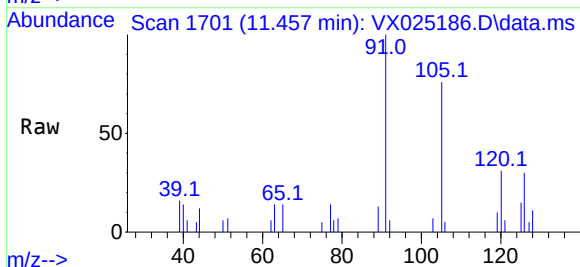
Instrument :
MSVOA_X
ClientSampleId :
IBLK

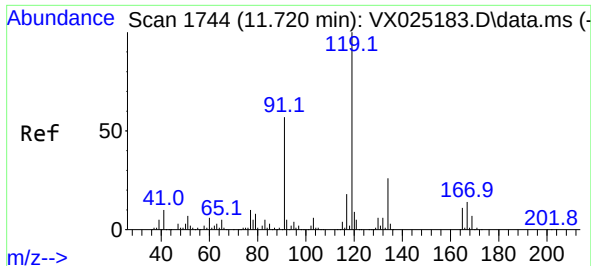
Tgt Ion: 75 Resp: 38586
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.477 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion: 91 Resp: 2080
Ion Ratio Lower Upper
91 100
126 32.9 14.9 44.5



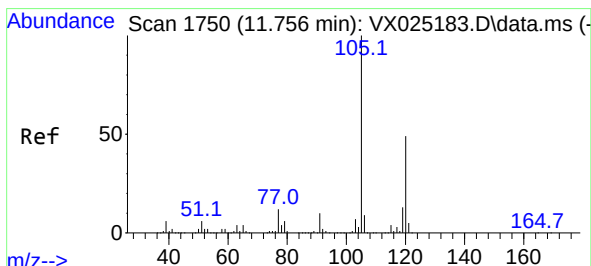
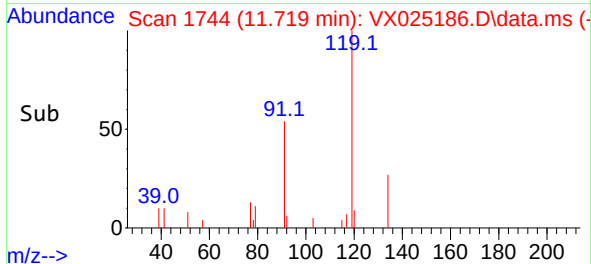
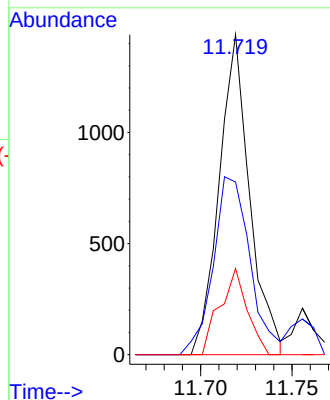
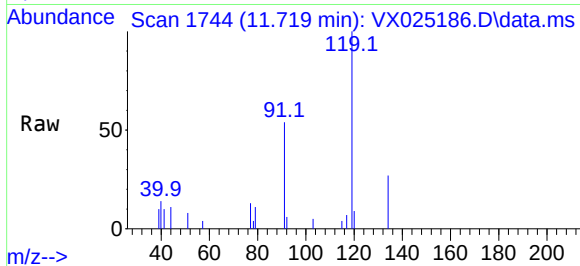


#83
tert-Butylbenzene
Concen: 0.351 ug/l
RT: 11.719 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:119 Resp: 1678

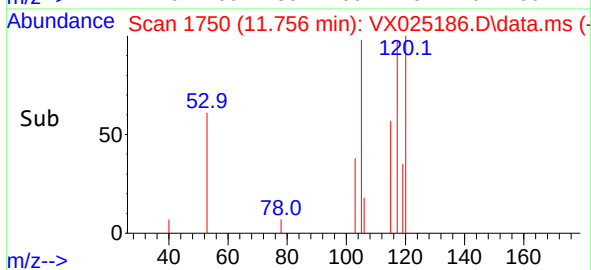
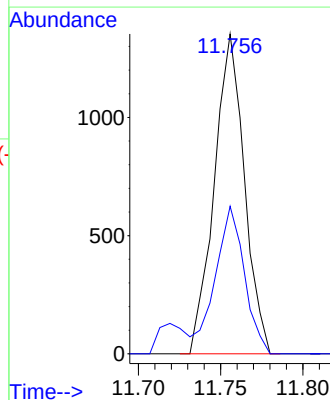
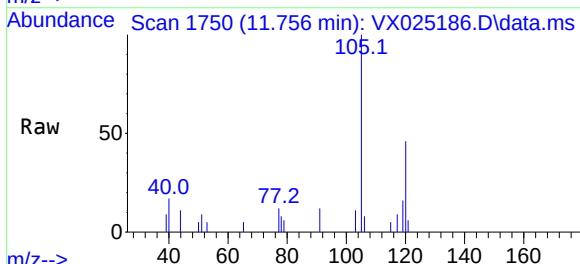
Ion	Ratio	Lower	Upper
119	100		
91	66.9	30.3	90.9
134	24.1	11.4	34.1

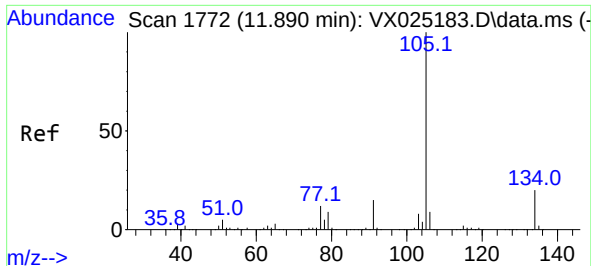


#84
1,2,4-Trimethylbenzene
Concen: 0.371 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:105 Resp: 1723

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.1	66.3

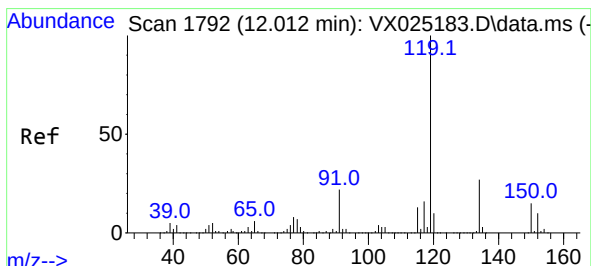
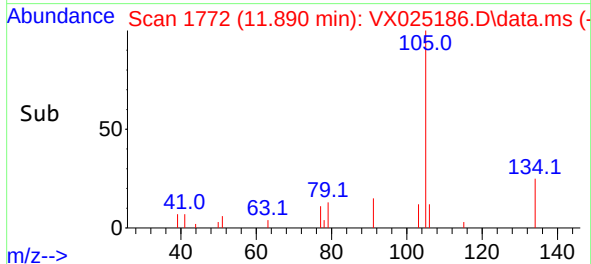
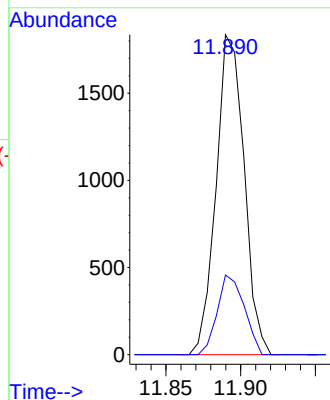
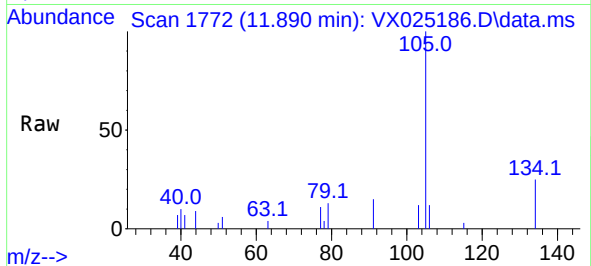




#85
sec-Butylbenzene
Concen: 0.412 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

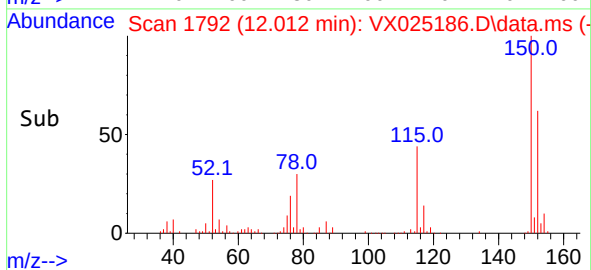
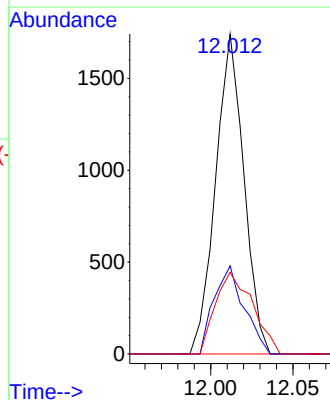
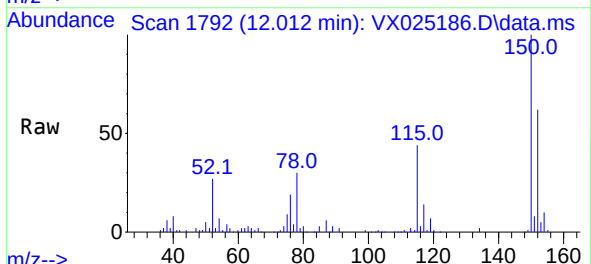
Instrument :
MSVOA_X
ClientSampleId :
IBLK

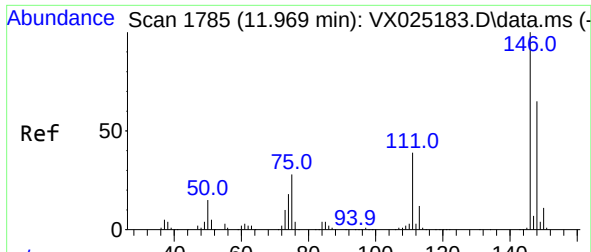
Tgt Ion:105 Resp: 2394
Ion Ratio Lower Upper
105 100
134 23.9 10.2 30.4



#86
p-Isopropyltoluene
Concen: 0.417 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:119 Resp: 2083
Ion Ratio Lower Upper
119 100
134 29.3 13.2 39.5
91 33.6 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 0.542 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

Instrument :

MSVOA_X

ClientSampleId :

IBLK

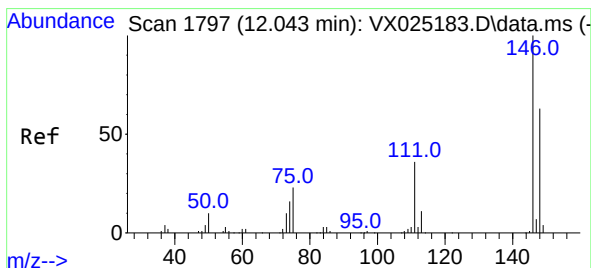
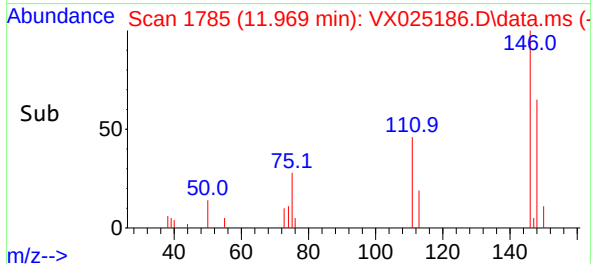
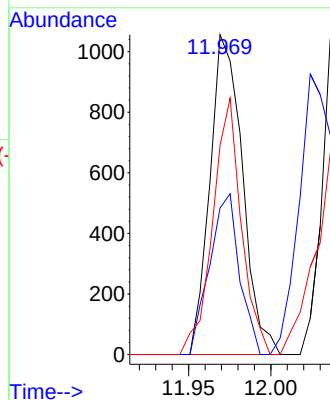
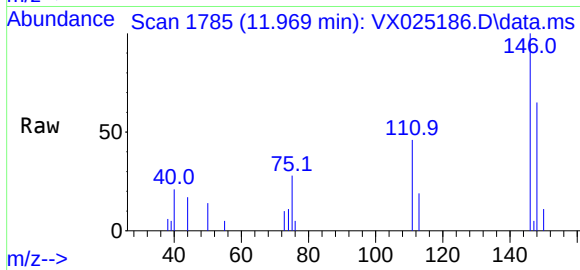
Tgt Ion:146 Resp: 1451

Ion Ratio Lower Upper

146 100

111 46.3 20.6 61.9

148 70.6 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.535 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.074 min

Lab File: VX025186.D

Acq: 17 Nov 2021 12:52

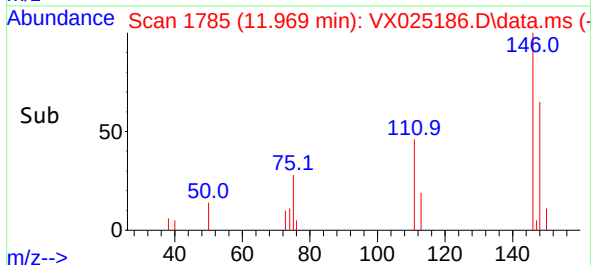
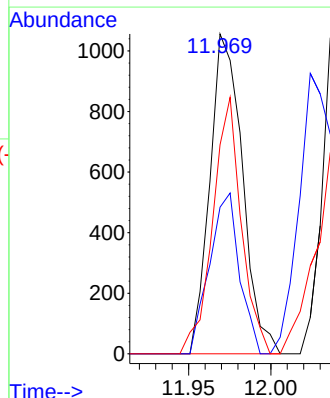
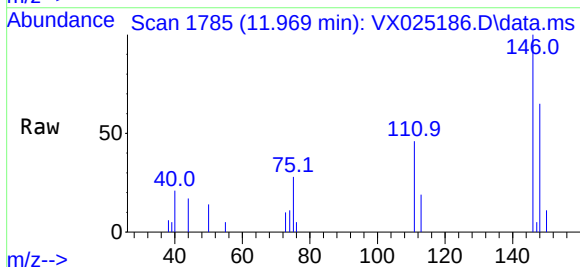
Tgt Ion:146 Resp: 1451

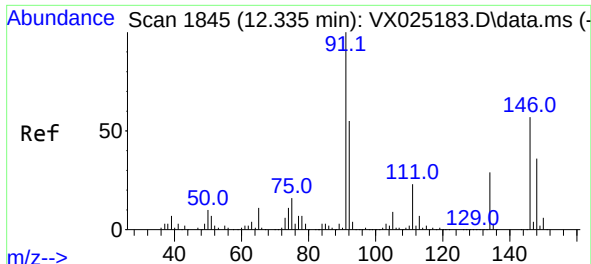
Ion Ratio Lower Upper

146 100

111 46.3 20.4 61.3

148 70.6 32.4 97.0

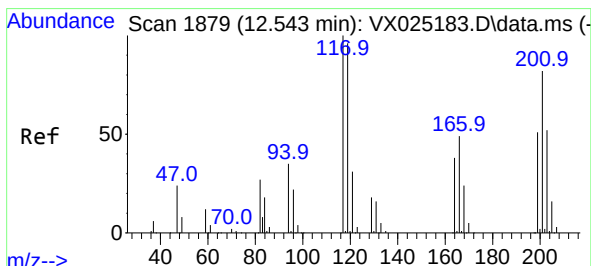
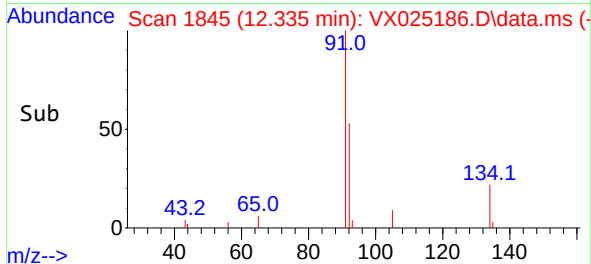
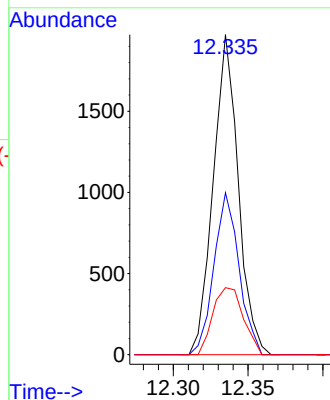
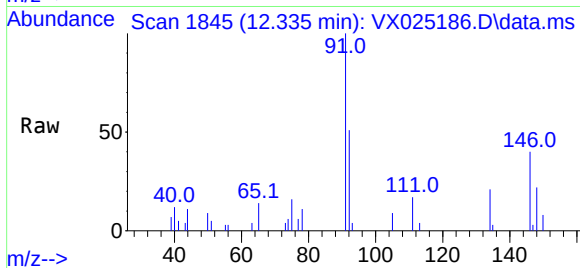




#89
n-Butylbenzene
Concen: 0.545 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

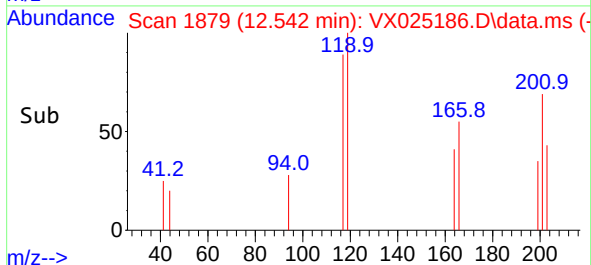
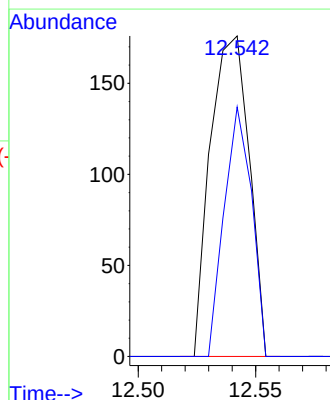
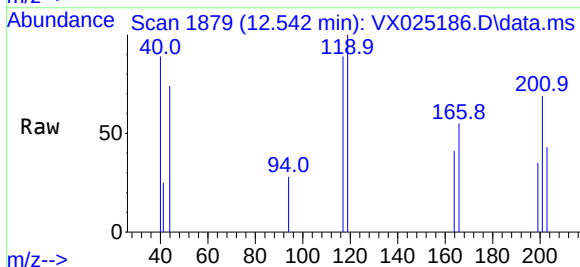
Instrument :
MSVOA_X
ClientSampleId :
IBLK

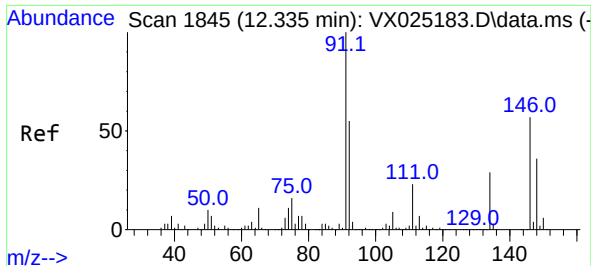
Tgt Ion:	91	Resp:	2292
Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.3	78.8
134	25.5	13.0	38.9



#90
Hexachloroethane
Concen: 0.220 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:	117	Resp:	202
Ion	Ratio	Lower	Upper
117	100		
201	55.0	38.9	116.6

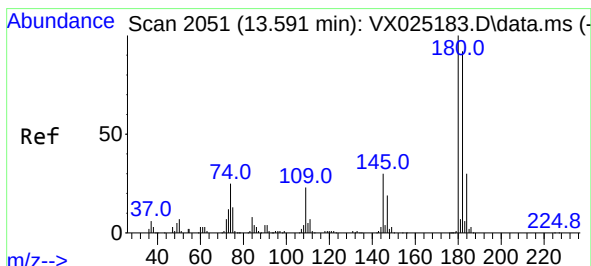
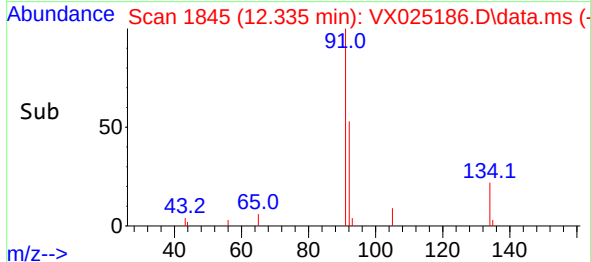
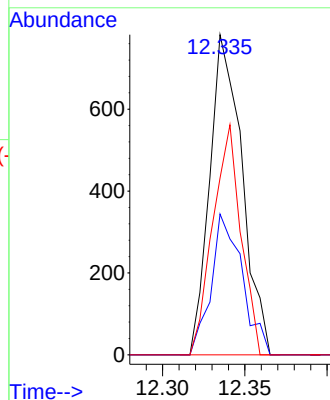
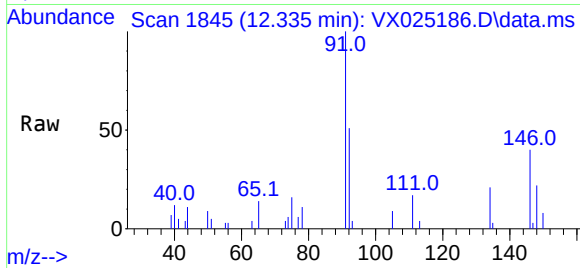




#91
1,2-Dichlorobenzene
Concen: 0.409 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

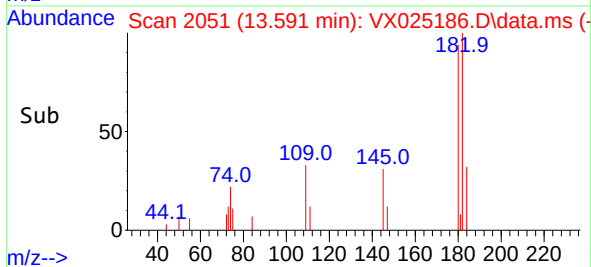
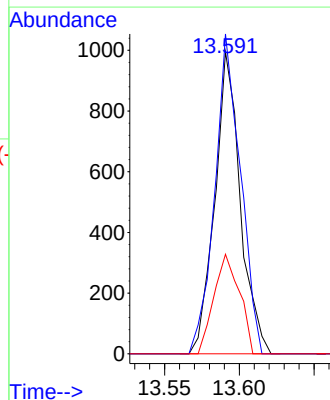
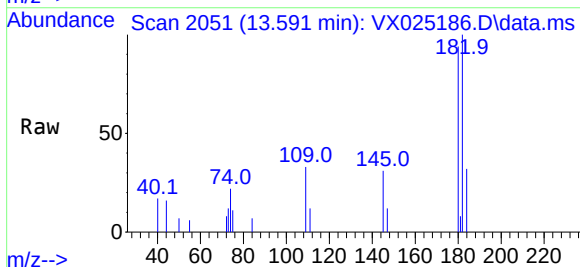
Instrument :
MSVOA_X
ClientSampleId :
IBLK

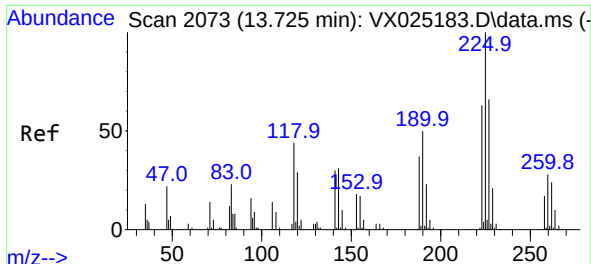
Tgt Ion:	146	Resp:	1068
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.2	63.6
148	62.5	32.1	96.5



#93
1,2,4-Trichlorobenzene
Concen: 0.766 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:	180	Resp:	1177
Ion	Ratio	Lower	Upper
180	100		
182	106.9	47.3	141.8
145	33.1	16.1	48.3

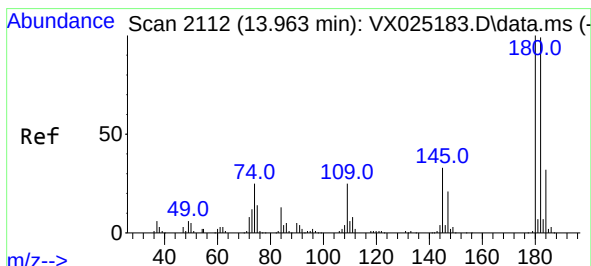
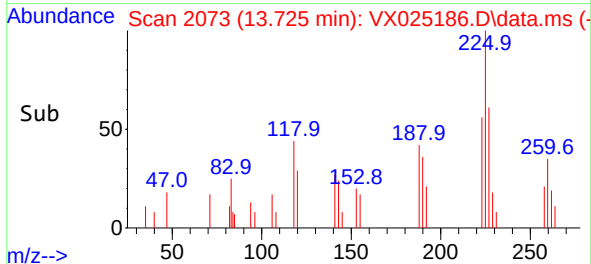
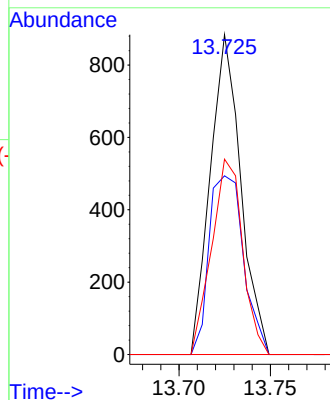
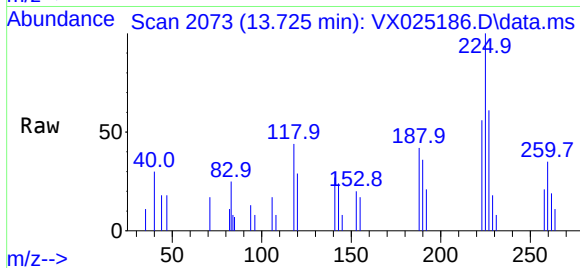




#94
Hexachlorobutadiene
Concen: 1.392 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	225	Resp:	1027
Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.9	92.7
227	61.9	31.1	93.5



#96
1,2,3-Trichlorobenzene
Concen: 0.793 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025186.D
Acq: 17 Nov 2021 12:52

Tgt Ion:	180	Resp:	1192
Ion	Ratio	Lower	Upper
180	100		
182	90.0	47.4	142.3
145	31.1	16.8	50.3

