

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038096.D
 Acq On : 05 Oct 2023 12:17
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 05 12:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 12:40:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	127562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89816	43.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.560%
35) Dibromofluoromethane	5.385	113	71845	44.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.340%
50) Toluene-d8	8.647	98	278844	44.864	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.720%#
62) 4-Bromofluorobenzene	11.079	95	107317	45.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	801	0.651	ug/l	73
3) Chloromethane	1.307	50	573	0.457	ug/l #	43
4) Vinyl Chloride	1.367	62	786	0.565	ug/l #	70
5) Bromomethane	1.611	94	491	Below Cal		85
6) Chloroethane	1.691	64	650	Below Cal	#	77
7) Trichlorofluoromethane	1.886	101	1757	0.639	ug/l #	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	758	0.632	ug/l	91
10) Methyl Iodide	2.459	142	656	0.380	ug/l #	84
11) Tert butyl alcohol	2.953	59	1205	Below Cal	#	78
12) 1,1-Dichloroethene	2.319	96	787	0.674	ug/l #	63
13) Acrolein	2.233	56	491	1.683	ug/l	98
14) Allyl chloride	2.666	41	818	0.392	ug/l #	77
15) Acrylonitrile	3.068	53	2026	2.170	ug/l	99
16) Acetone	2.380	43	956	1.116	ug/l	97
17) Carbon Disulfide	2.514	76	8418	2.503	ug/l	97
18) Methyl Acetate	2.709	43	999	0.272	ug/l #	81
20) Methylene Chloride	2.794	84	1459	0.906	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	1634	1.131	ug/l #	82
23) Vinyl Acetate	3.733	43	1462	0.456	ug/l #	73
25) 2-Butanone	4.580	43	1209	0.875	ug/l #	79
27) cis-1,2-Dichloroethene	4.495	96	685	0.398	ug/l	95
28) Bromochloromethane	4.891	49	406	0.339	ug/l #	87
29) Tetrahydrofuran	5.025	42	525	0.584	ug/l #	43
31) Cyclohexane	5.470	56	1222	0.550	ug/l #	76
32) 1,1,1-Trichloroethane	5.379	97	617	0.248	ug/l #	38
36) 1,1-Dichloropropene	5.696	75	1798	0.802	ug/l #	75
38) Carbon Tetrachloride	5.672	117	959	0.435	ug/l #	81
39) Methylcyclohexane	7.379	83	1361	0.518	ug/l #	92
40) Benzene	6.043	78	1585	0.253	ug/l #	86
42) 1,2-Dichloroethane	6.098	62	575	0.229	ug/l #	77
44) Trichloroethene	7.141	130	1180	0.719	ug/l	89
46) Dibromomethane	7.586	93	431	0.342	ug/l #	69
49) 1,4-Dioxane	7.671	88	115	2.458	ug/l #	31
51) 4-Methyl-2-Pentanone	8.580	43	865	0.315	ug/l #	84
52) Toluene	8.726	92	1467	0.359	ug/l	85
53) t-1,3-Dichloropropene	8.994	75	946	0.393	ug/l	99

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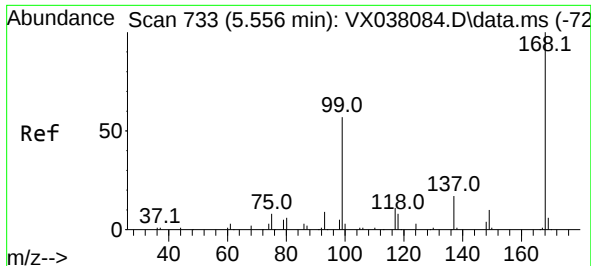
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 05 12:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

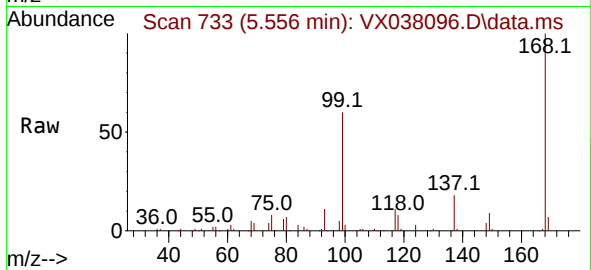
54) cis-1,3-Dichloropropene	8.378	75	527	0.209	ug/l #	75
58) 2-Chloroethyl Vinyl ether	8.256	63	754	0.573	ug/l #	65
59) 2-Hexanone	9.439	43	1038	0.471	ug/l	98
61) 1,2-Dibromoethane	9.616	107	383	0.203	ug/l	86
64) Tetrachloroethene	9.281	164	1044	0.745	ug/l #	78
65) Chlorobenzene	10.079	112	2022	0.446	ug/l #	88
67) Ethyl Benzene	10.195	91	3858	0.477	ug/l	98
68) m/p-Xylenes	10.305	106	3056	0.977	ug/l	98
69) o-Xylene	10.646	106	1004	0.329	ug/l	89
70) Styrene	10.659	104	2025	0.407	ug/l	96
71) Bromoform	10.799	173	167	2.974	ug/l #	29
73) Isopropylbenzene	10.963	105	3697	0.502	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	58771	23.530	ug/l #	39
77) Bromobenzene	11.201	156	893	0.496	ug/l	89
78) n-propylbenzene	11.305	91	5750	0.638	ug/l	98
79) 2-Chlorotoluene	11.366	91	3120	0.584	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	3248	0.511	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	58771	67.196	ug/l #	5
82) 4-Chlorotoluene	11.457	91	4765	0.754	ug/l	98
83) tert-Butylbenzene	11.713	119	2682	0.432	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	3350	0.529	ug/l	97
85) sec-Butylbenzene	11.890	105	4529	0.563	ug/l	99
86) p-Isopropyltoluene	12.012	119	4243	0.639	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	2878	0.797	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	2878	0.780	ug/l	92
89) n-Butylbenzene	12.335	91	5186	0.784	ug/l	94
90) Hexachloroethane	12.536	117	427	0.388	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	2082	0.599	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.951	75	153	0.234	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	3346	1.436	ug/l	94
94) Hexachlorobutadiene	13.725	225	1877	2.002	ug/l	94
95) Naphthalene	13.780	128	8650	1.066	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2912	1.291	ug/l	94

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

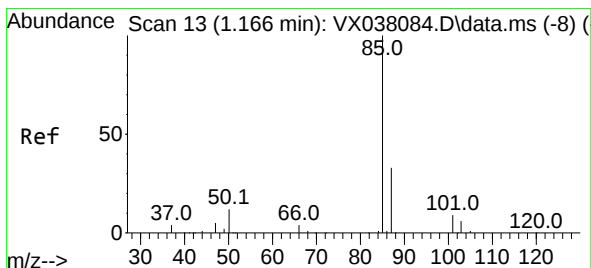
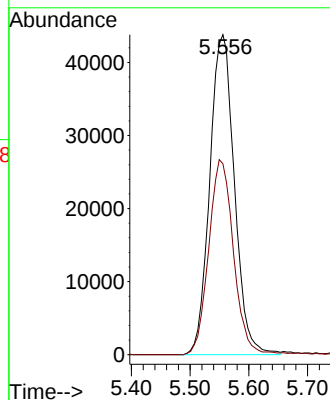
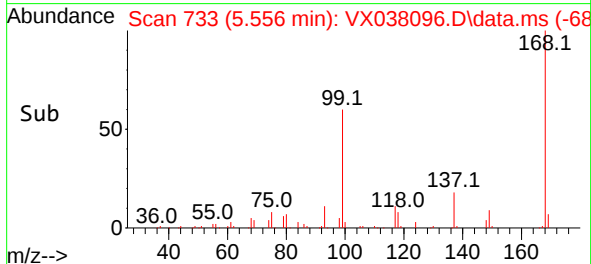


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

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MSVOA_X
ClientSampleId :
IBLK

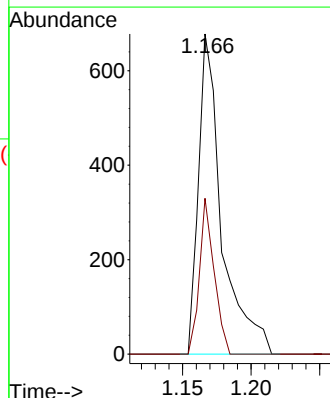
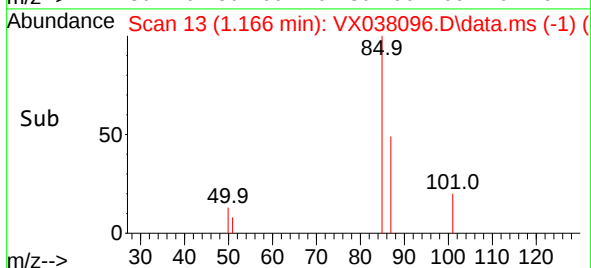
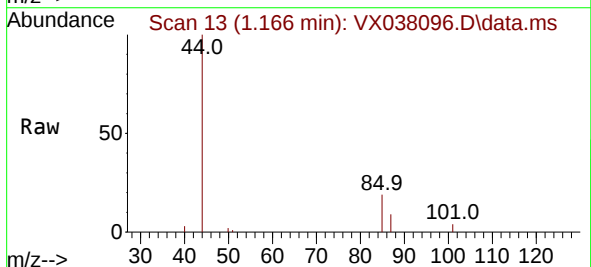


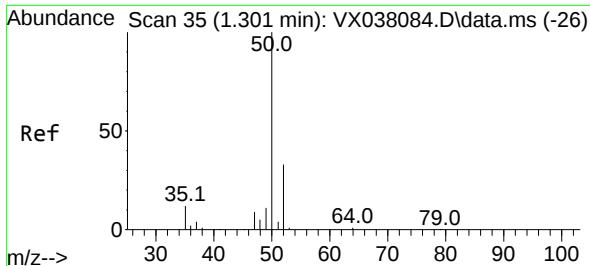
Tgt Ion:168 Resp: 127562
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.651 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 85 Resp: 801
Ion Ratio Lower Upper
85 100
87 48.7 16.7 50.1

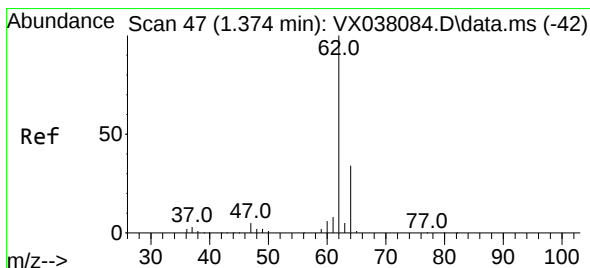
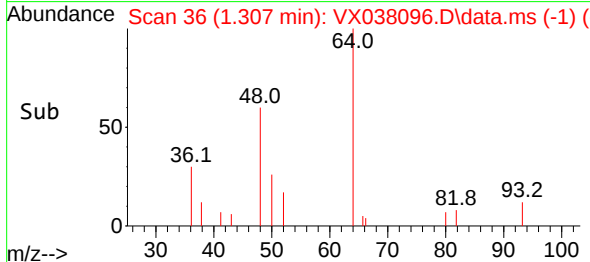
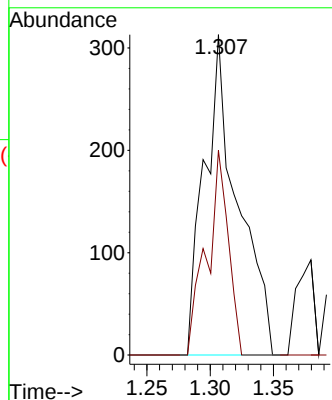
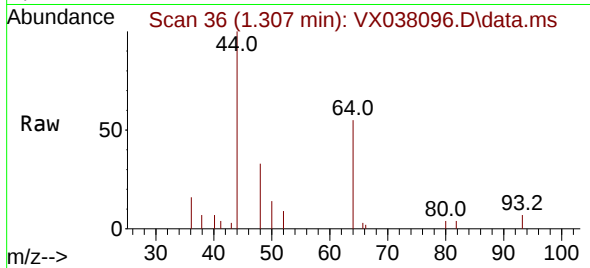




#3
Chloromethane
Concen: 0.457 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

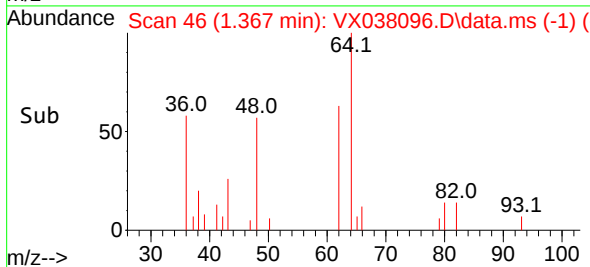
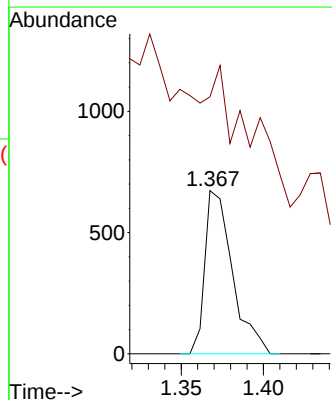
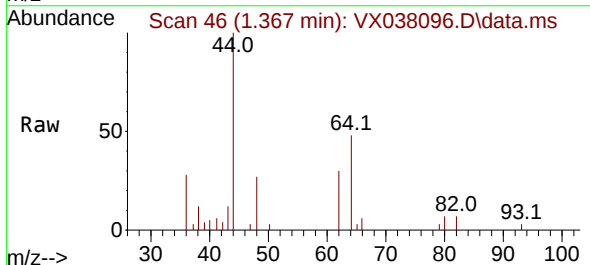
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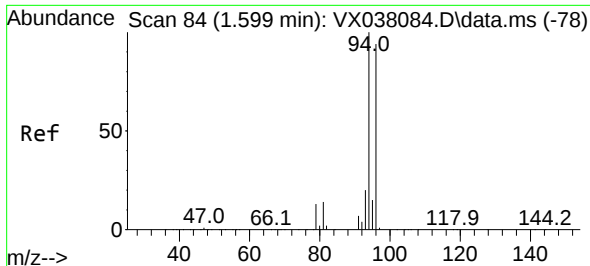
Tgt Ion: 50 Resp: 573
Ion Ratio Lower Upper
50 100
52 63.9 25.5 38.3#



#4
Vinyl Chloride
Concen: 0.565 ug/l
RT: 1.367 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 62 Resp: 786
Ion Ratio Lower Upper
62 100
64 48.1 25.4 38.0#

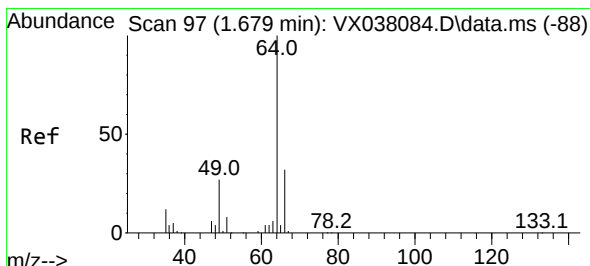
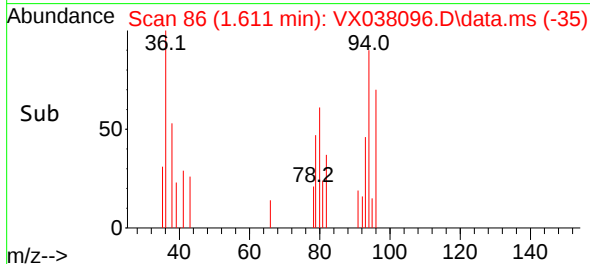
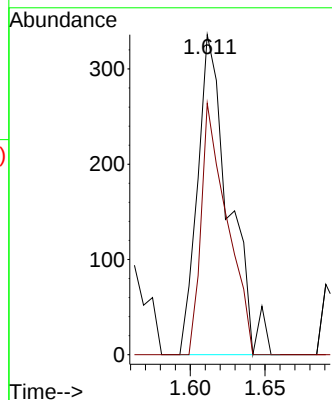
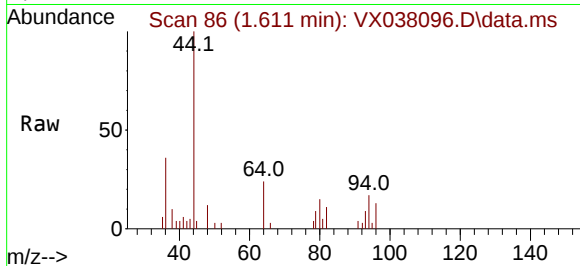




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

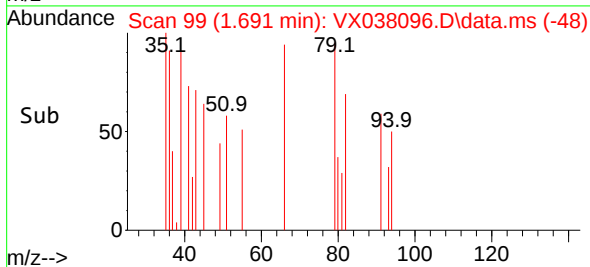
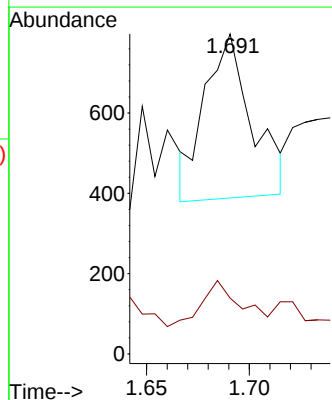
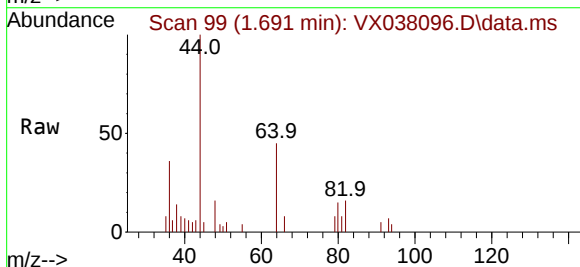
Instrument :
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ClientSampleId :
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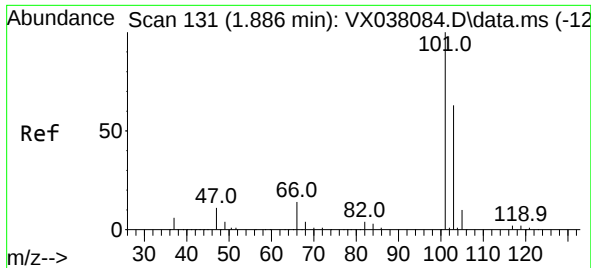
Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 78.6 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 64 Resp: 650
Ion Ratio Lower Upper
64 100
66 18.5 25.1 37.7#

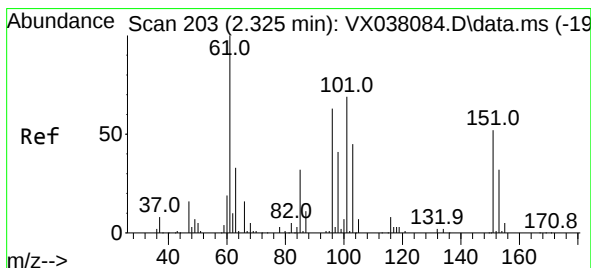
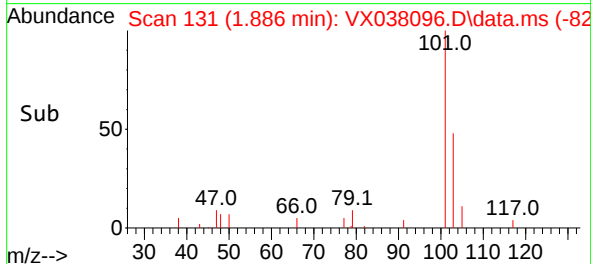
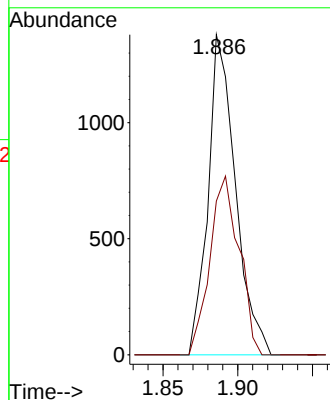
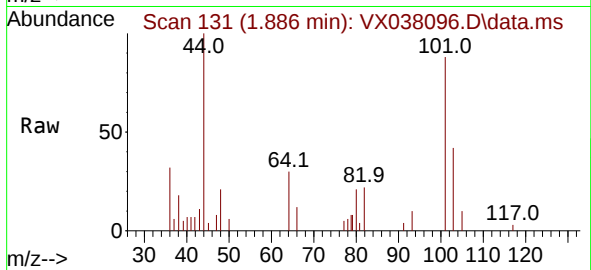




#7
 Trichlorofluoromethane
 Concen: 0.639 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038096.D
 Acq: 05 Oct 2023 12:17

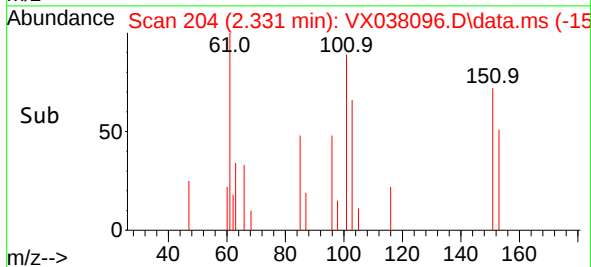
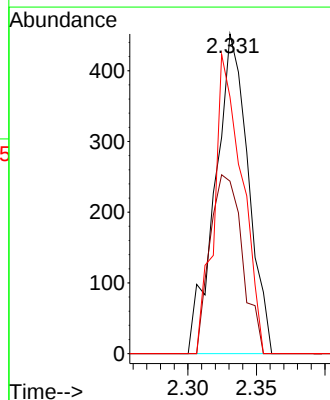
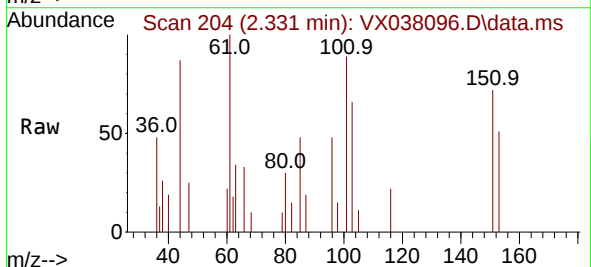
Instrument :
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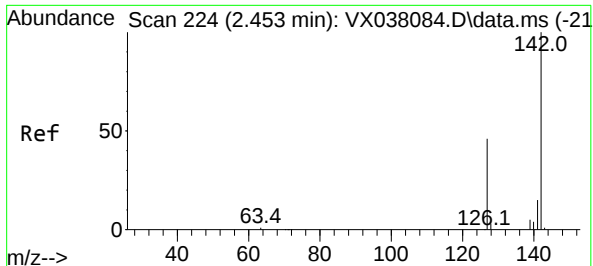
Tgt Ion:101 Resp: 1757
 Ion Ratio Lower Upper
 101 100
 103 48.0 51.4 77.2#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.632 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX038096.D
 Acq: 05 Oct 2023 12:17

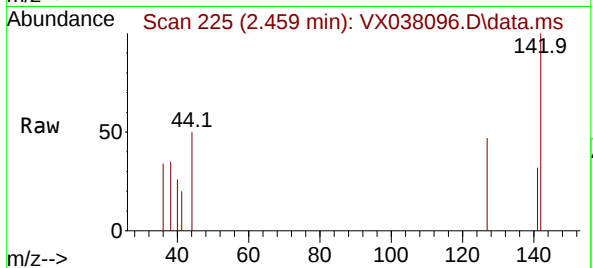
Tgt Ion:101 Resp: 758
 Ion Ratio Lower Upper
 101 100
 85 54.9 37.0 55.6
 151 79.0 58.6 87.8



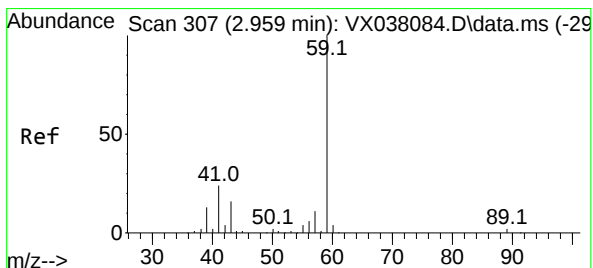
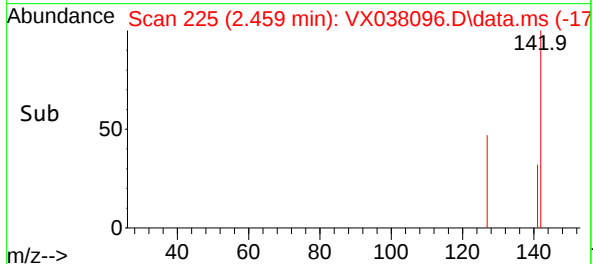
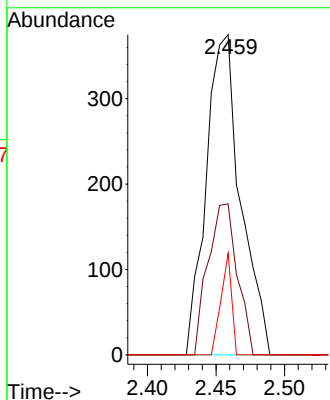


#10
Methyl Iodide
Concen: 0.380 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Instrument :
MSVOA_X
ClientSampleId :
IBLK

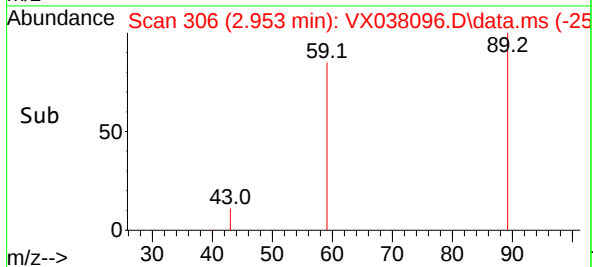
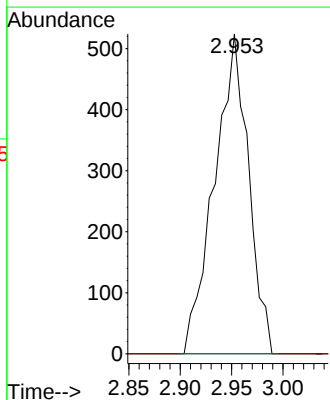
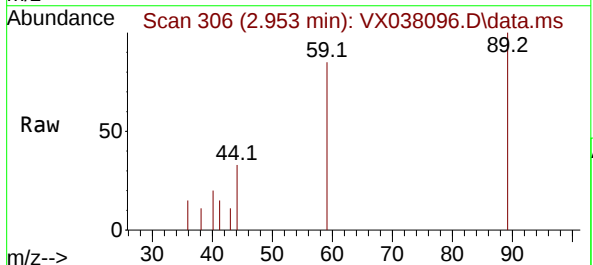


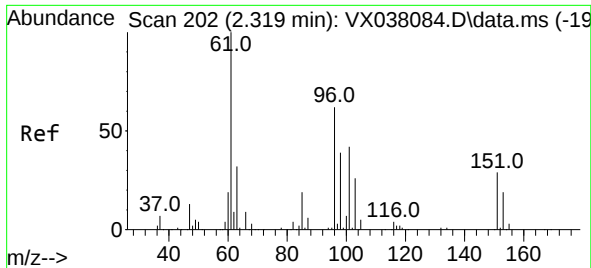
Tgt Ion:142 Resp: 656
Ion Ratio Lower Upper
142 100
127 39.9 41.6 62.4#
141 9.8 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 59 Resp: 1205
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

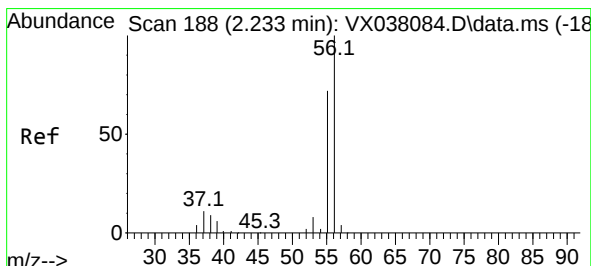
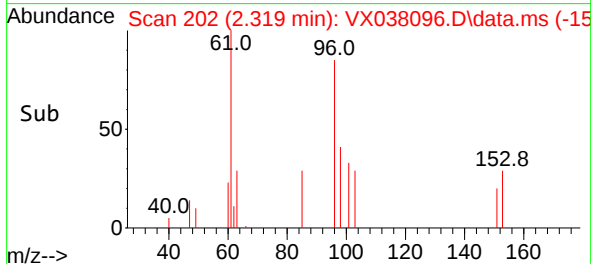
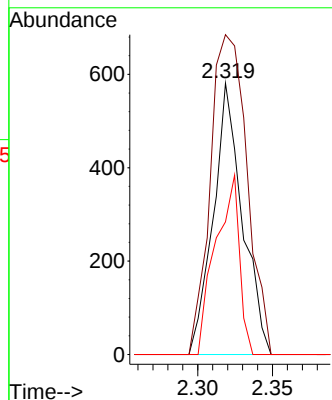
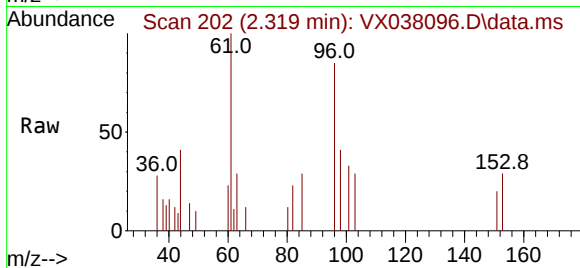




#12
1,1-Dichloroethene
Concen: 0.674 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

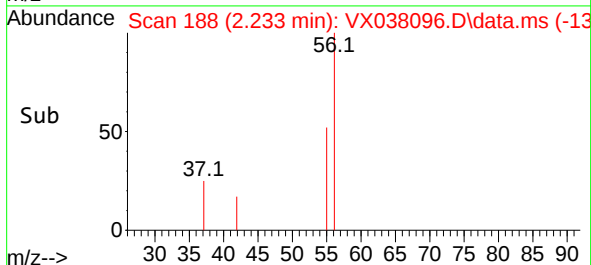
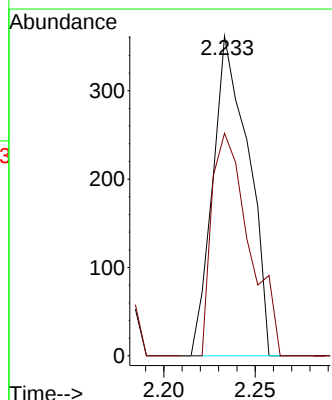
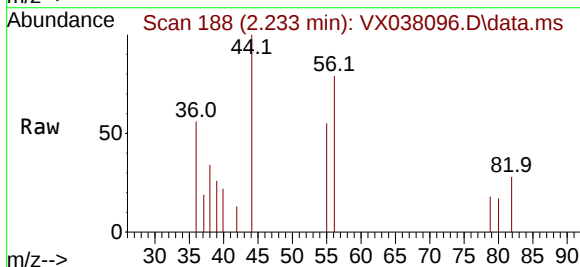
Instrument :
MSVOA_X
ClientSampleId :
IBLK

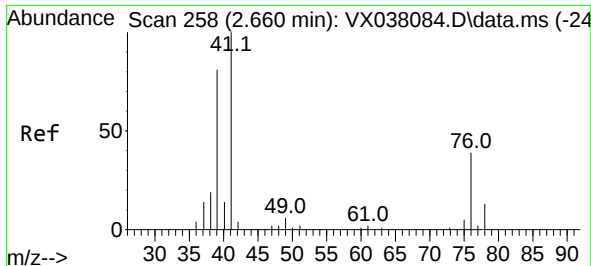
Tgt Ion: 96 Resp: 787
Ion Ratio Lower Upper
96 100
61 117.9 144.6 216.8#
98 48.9 50.4 75.6#



#13
Acrolein
Concen: 1.683 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 56 Resp: 491
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7

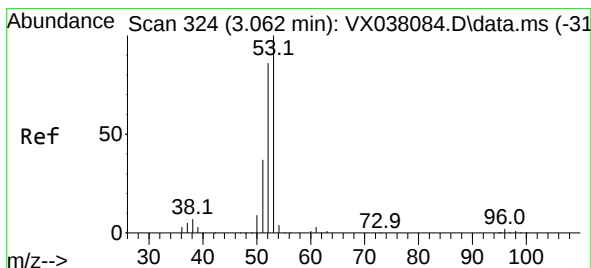
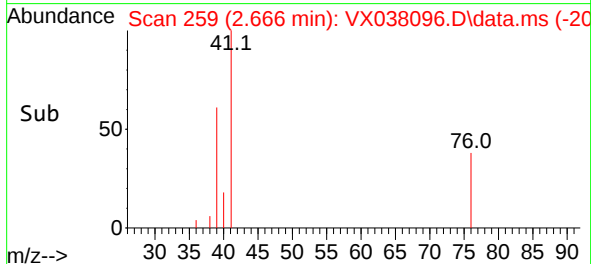
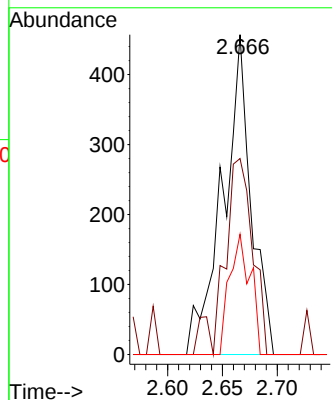
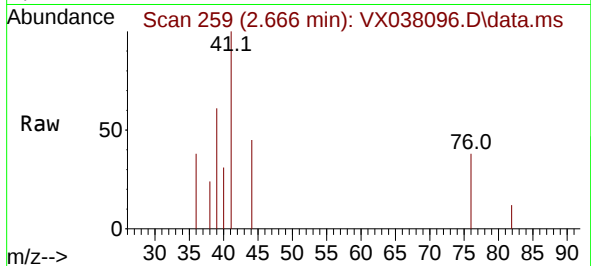




#14
 Allyl chloride
 Concen: 0.392 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX038096.D
 Acq: 05 Oct 2023 12:17

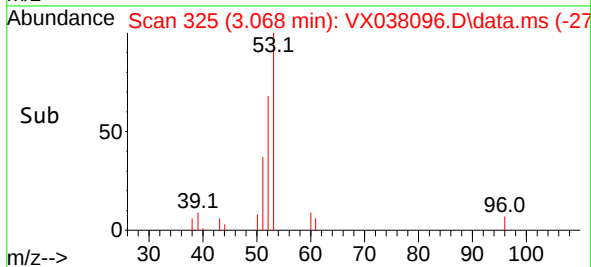
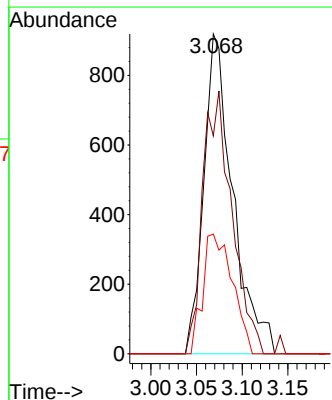
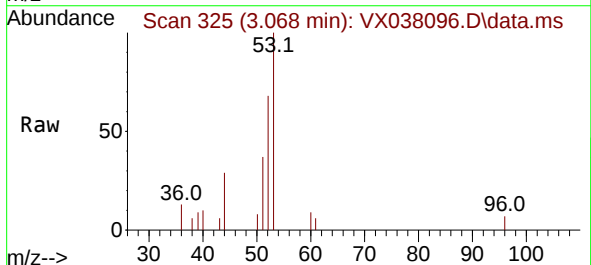
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

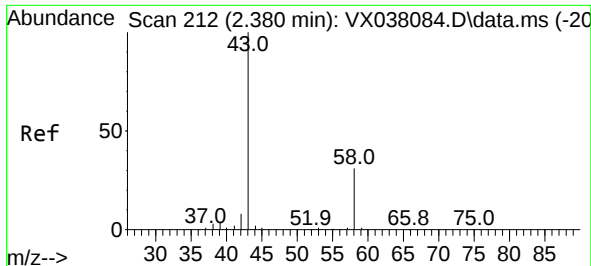
Tgt Ion:	41	Resp:	818
Ion	Ratio	Lower	Upper
41	100		
39	62.2	55.8	83.6
76	0.0	24.3	36.5



#15
 Acrylonitrile
 Concen: 2.170 ug/l
 RT: 3.068 min Scan# 325
 Delta R.T. 0.006 min
 Lab File: VX038096.D
 Acq: 05 Oct 2023 12:17

Tgt Ion:	53	Resp:	2026
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.0	99.0
51	38.5	29.8	44.6

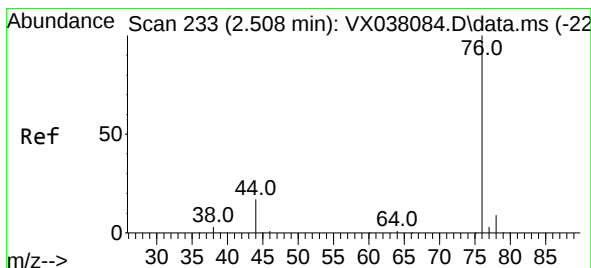
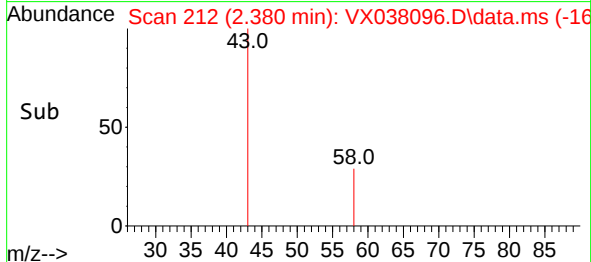
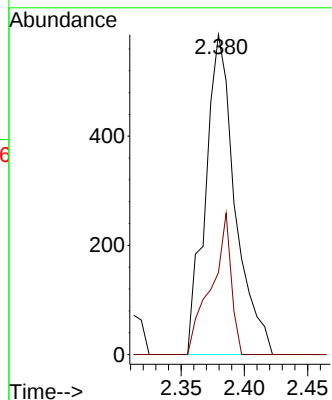
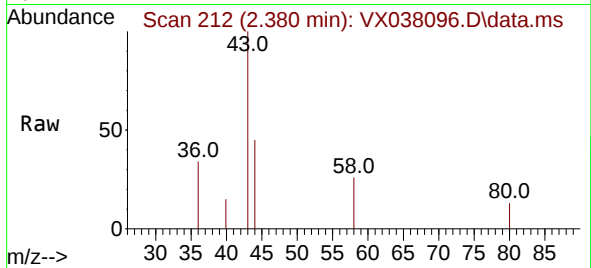




#16
Acetone
Concen: 1.116 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

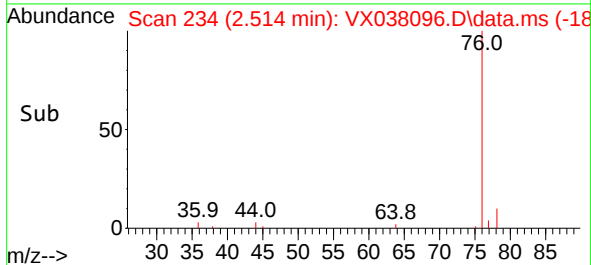
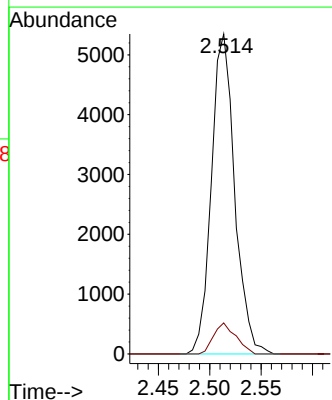
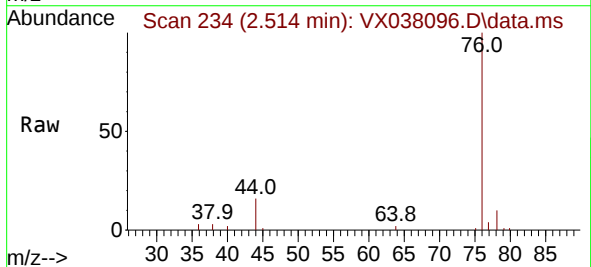
Instrument :
MSVOA_X
ClientSampleId :
IBLK

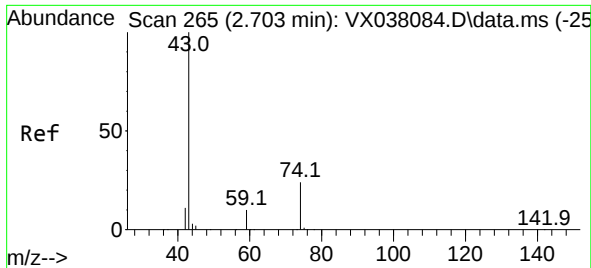
Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9



#17
Carbon Disulfide
Concen: 2.503 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 76 Resp: 8418
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

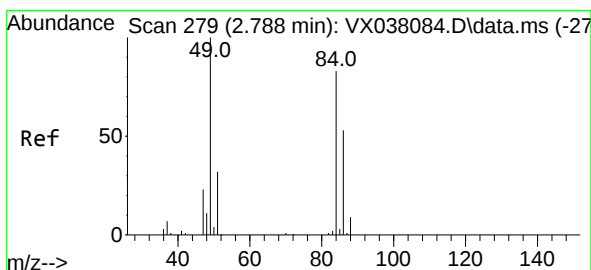
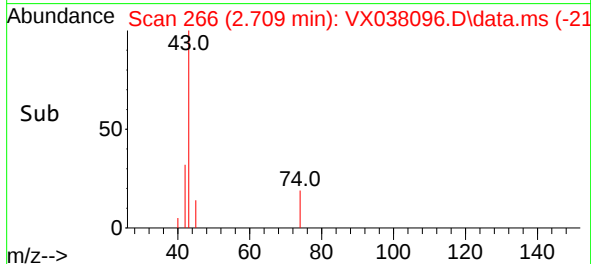
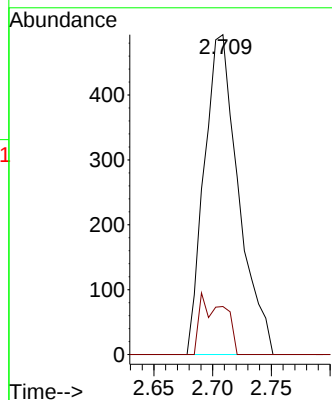
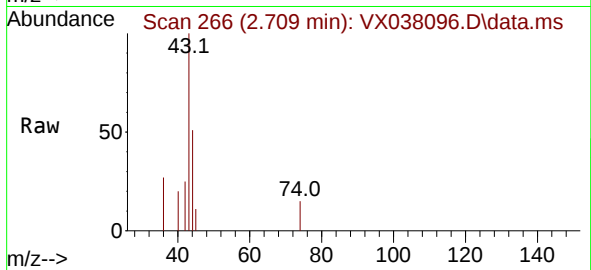




#18
Methyl Acetate
Concen: 0.272 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

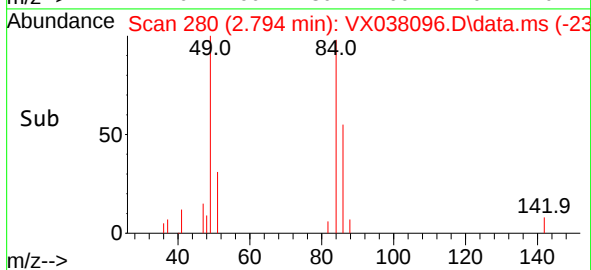
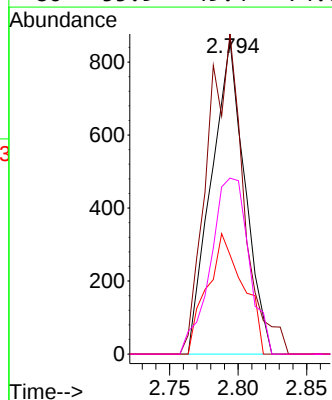
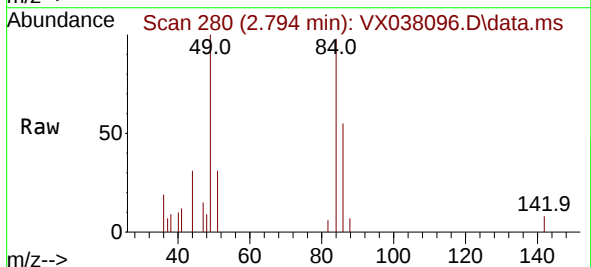
Instrument :
MSVOA_X
ClientSampleId :
IBLK

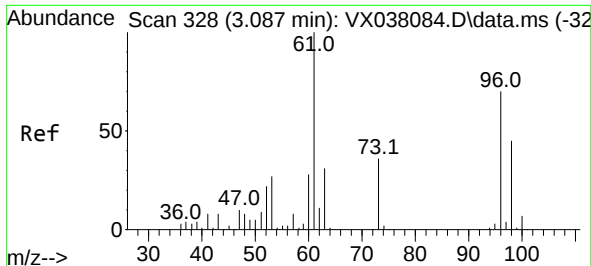
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
74 13.4 17.8 26.8#



#20
Methylene Chloride
Concen: 0.906 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 84 Resp: 1459
Ion Ratio Lower Upper
84 100
49 101.7 103.6 155.4#
51 31.6 33.8 50.6#
86 55.9 49.4 74.0

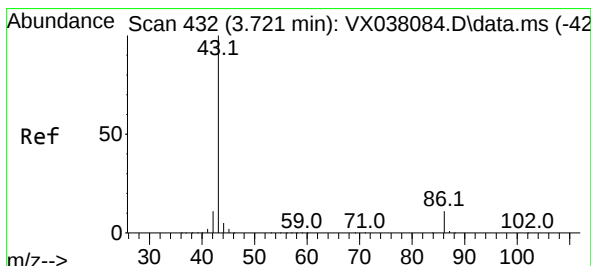
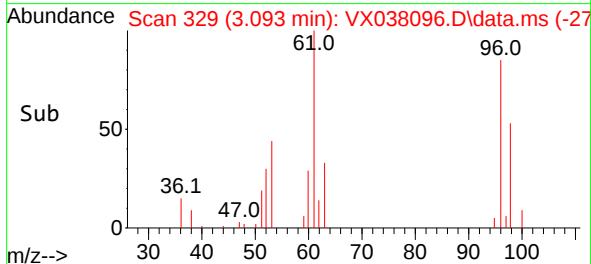
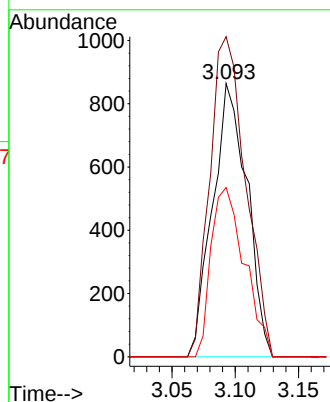
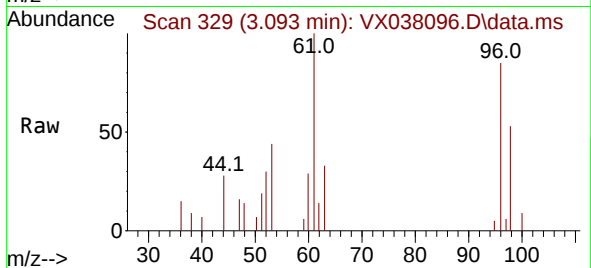




#21
trans-1,2-Dichloroethene
Concen: 1.131 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

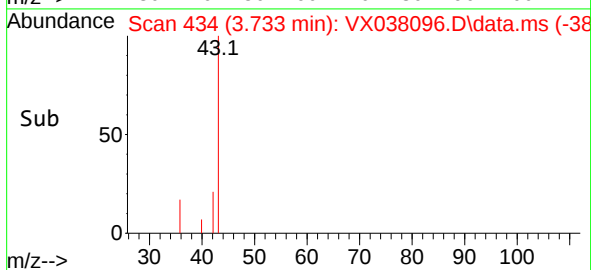
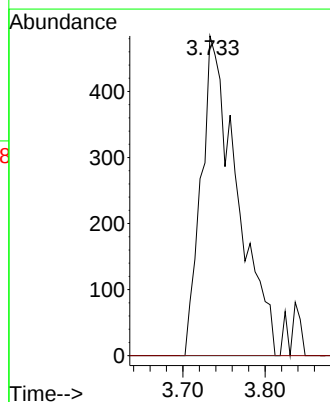
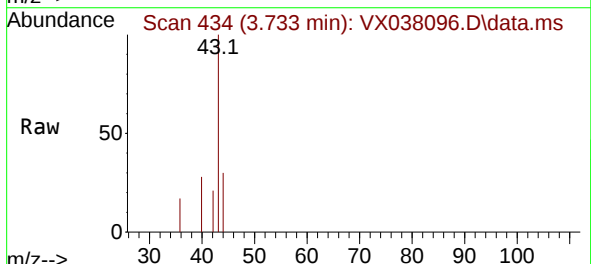
Instrument :
MSVOA_X
ClientSampleId :
IBLK

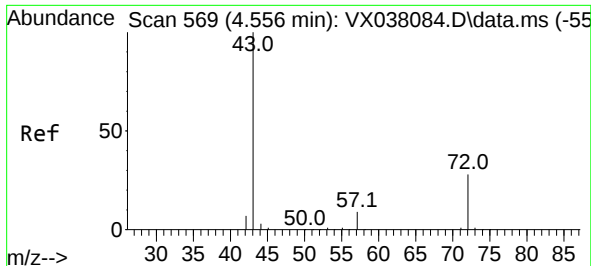
Tgt Ion: 96 Resp: 1634
Ion Ratio Lower Upper
96 100
61 117.1 119.2 178.8#
98 61.9 48.7 73.1



#23
Vinyl Acetate
Concen: 0.456 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.012 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#

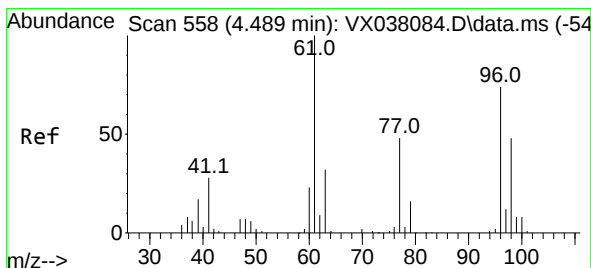
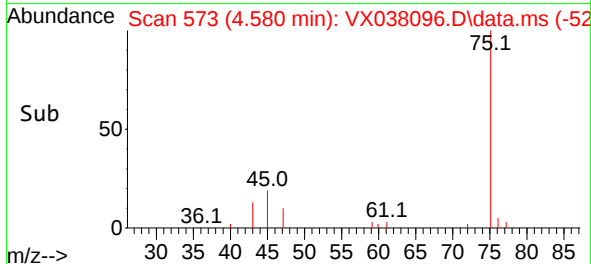
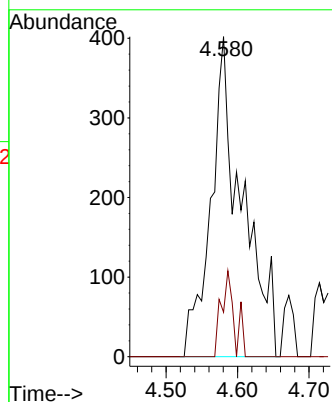
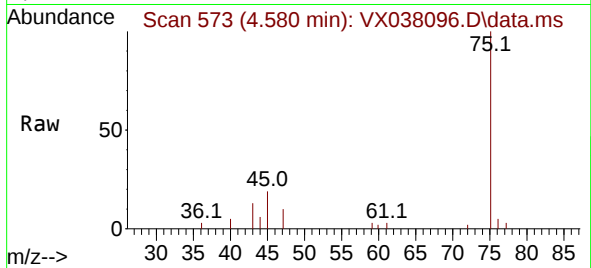




#25
2-Butanone
Concen: 0.875 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

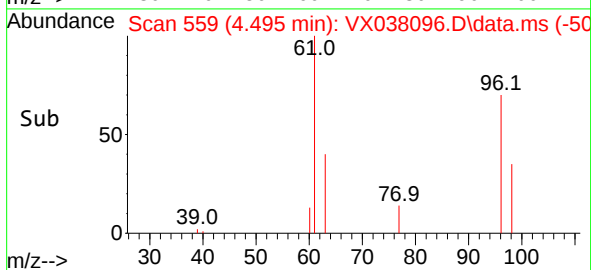
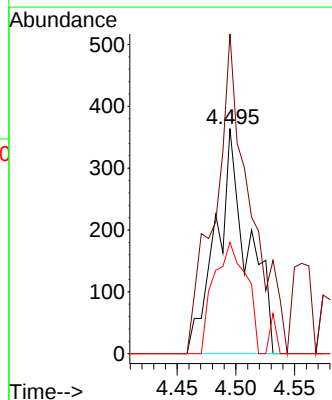
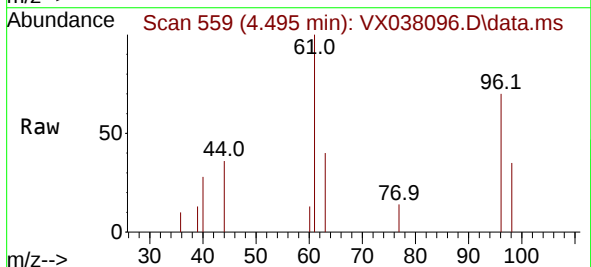
Instrument :
MSVOA_X
ClientSampleId :
IBLK

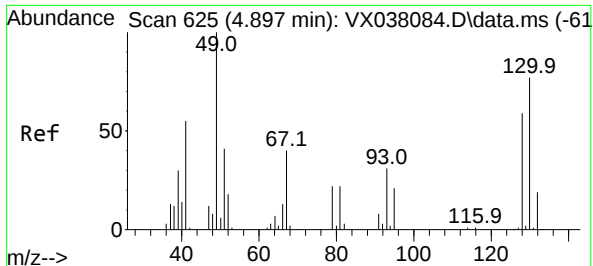
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
72 13.9 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.398 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 96 Resp: 685
Ion Ratio Lower Upper
96 100
61 156.5 0.0 312.2
98 50.5 0.0 129.0





#28

Bromochloromethane

Concen: 0.339 ug/l

RT: 4.891 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

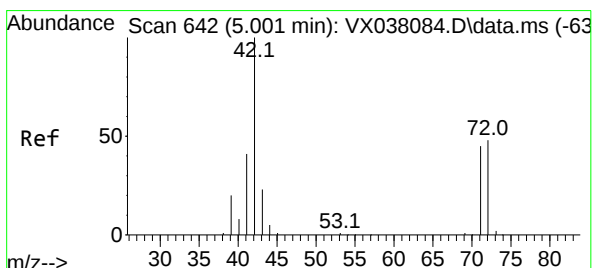
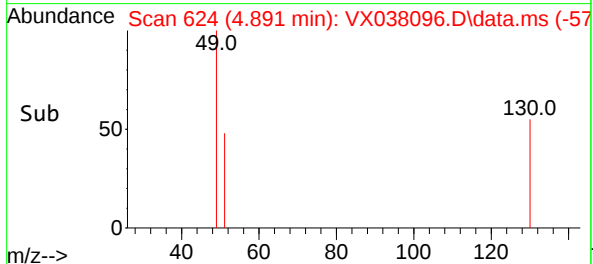
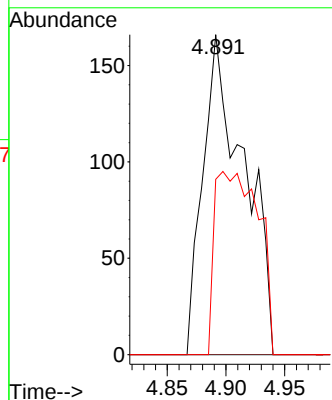
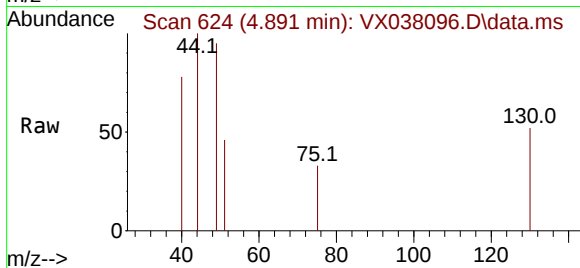
Tgt Ion: 49 Resp: 406

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 61.1 57.5 86.3



#29

Tetrahydrofuran

Concen: 0.584 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.024 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

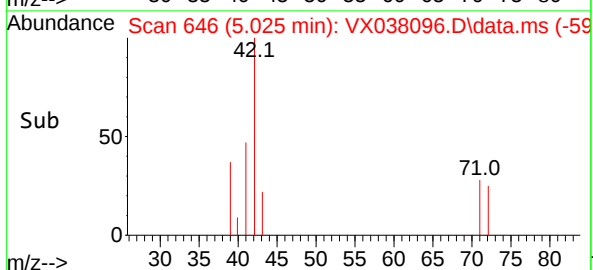
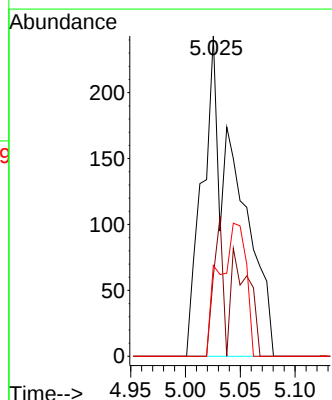
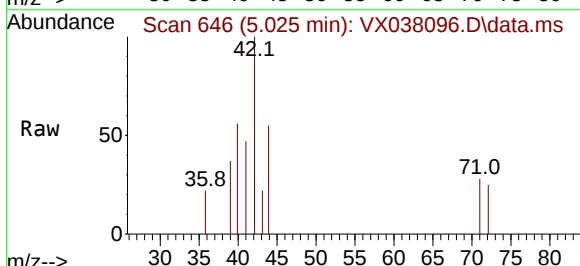
Tgt Ion: 42 Resp: 525

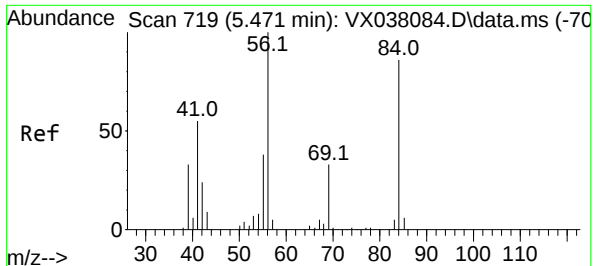
Ion Ratio Lower Upper

42 100

72 11.6 34.2 51.4#

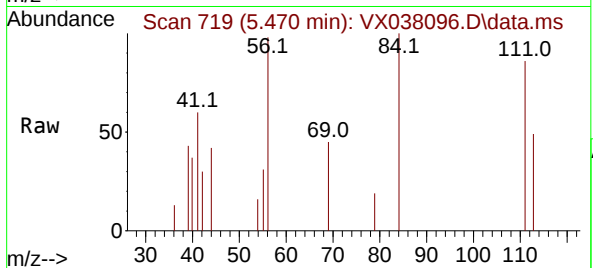
71 0.0 32.2 48.2#



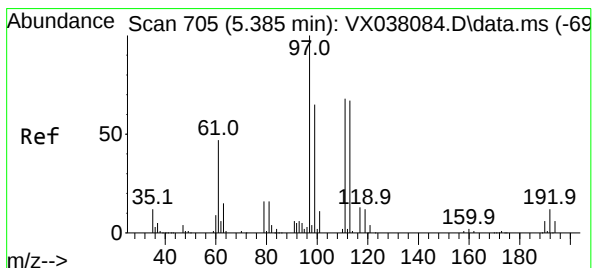
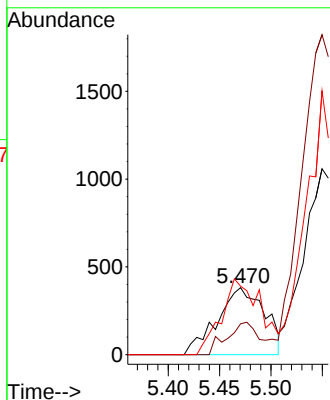
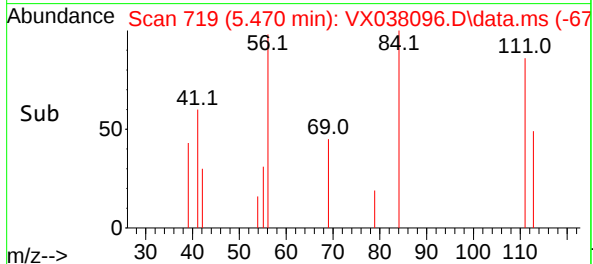


#31
Cyclohexane
Concen: 0.550 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

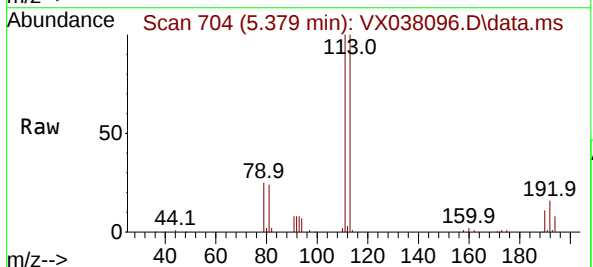
Instrument :
MSVOA_X
ClientSampleId :
IBLK



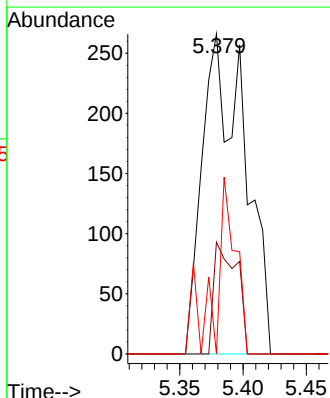
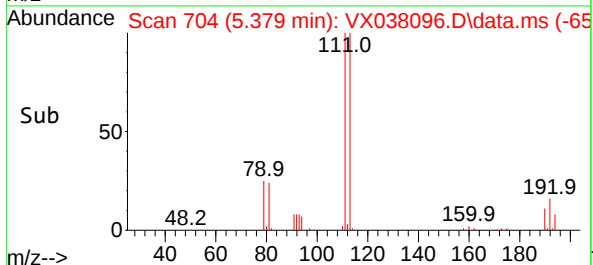
Tgt Ion: 56 Resp: 1222
Ion Ratio Lower Upper
56 100
69 46.1 23.4 35.2#
84 102.1 65.9 98.9#

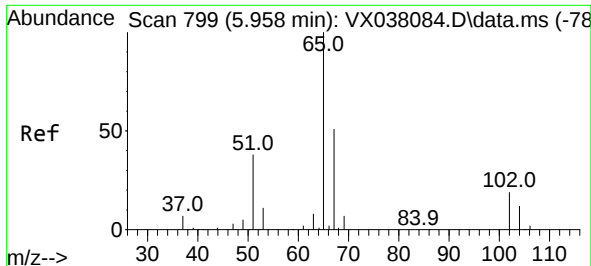


#32
1,1,1-Trichloroethane
Concen: 0.248 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17



Tgt Ion: 97 Resp: 617
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 22.7 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 43.775 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

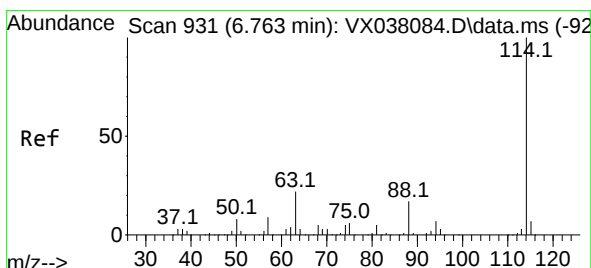
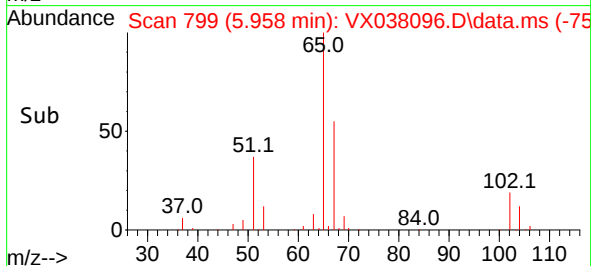
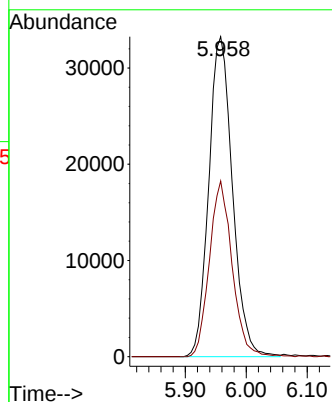
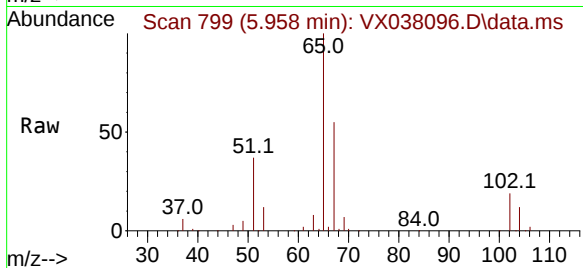
IBLK

Tgt Ion: 65 Resp: 89816

Ion Ratio Lower Upper

65 100

67 52.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

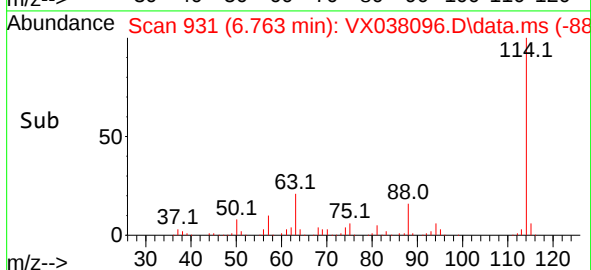
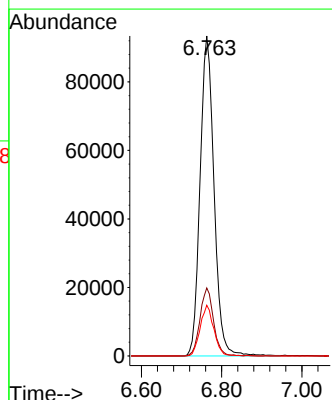
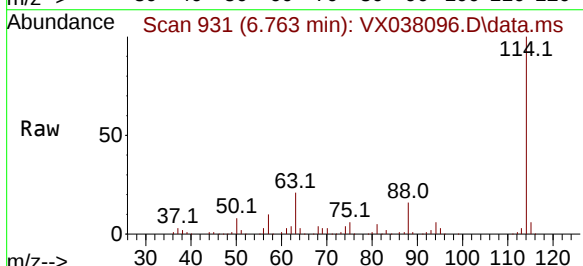
Tgt Ion: 114 Resp: 225726

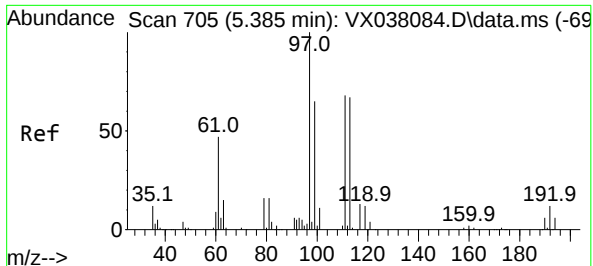
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.172 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038096.D

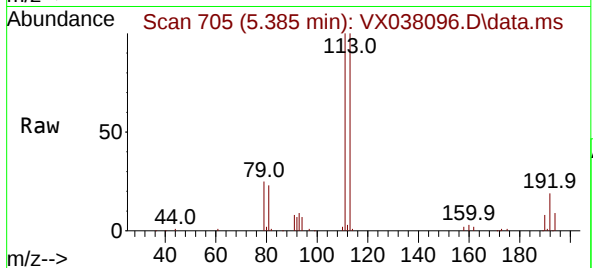
Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK



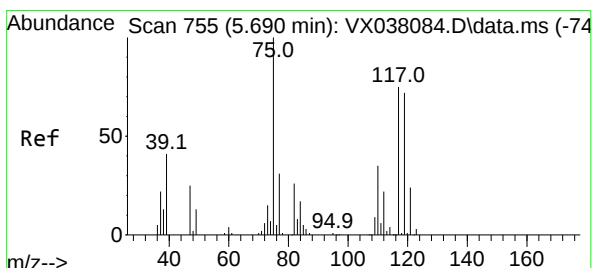
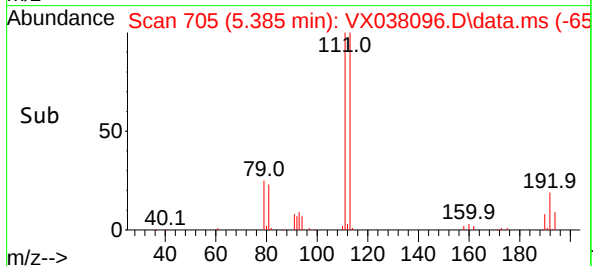
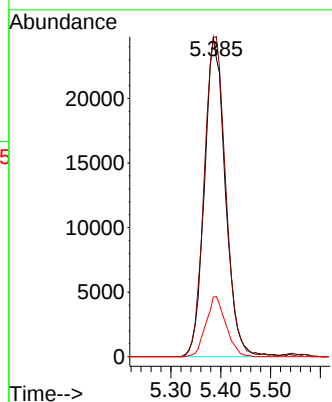
Tgt Ion:113 Resp: 71845

Ion Ratio Lower Upper

113 100

111 103.9 82.9 124.3

192 18.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 0.802 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

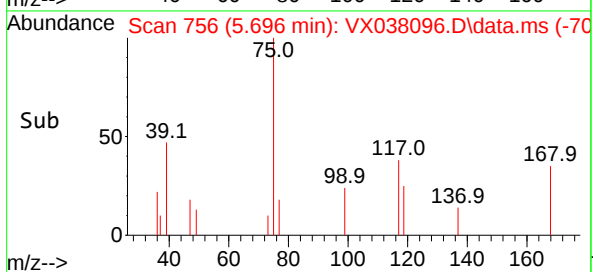
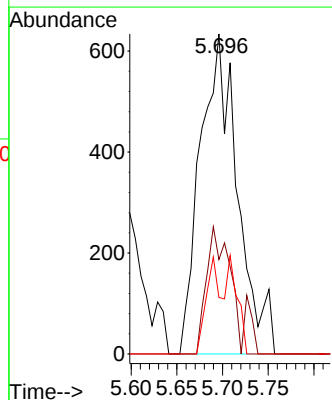
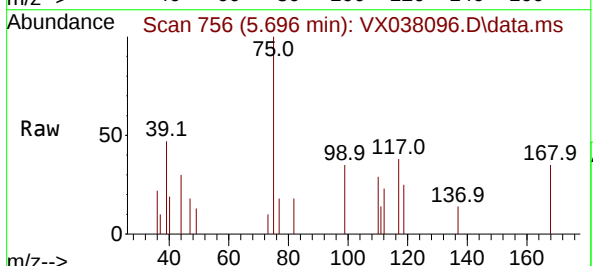
Tgt Ion: 75 Resp: 1798

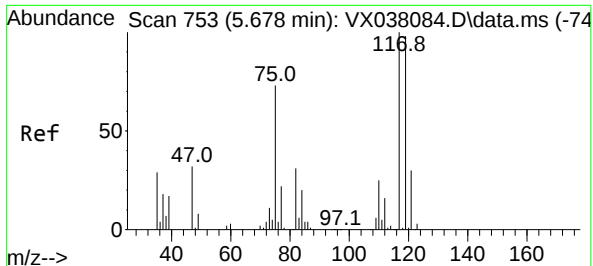
Ion Ratio Lower Upper

75 100

110 24.7 17.0 50.9

77 12.3 24.7 37.1#

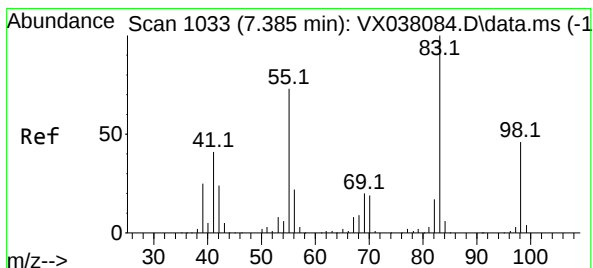
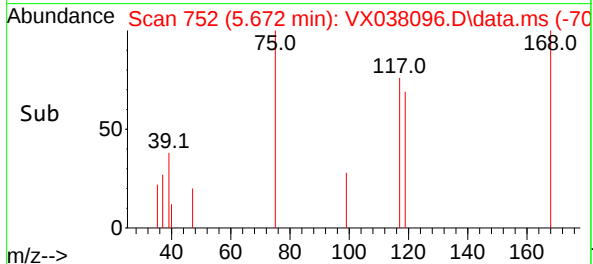
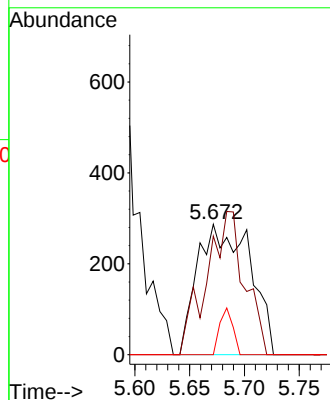
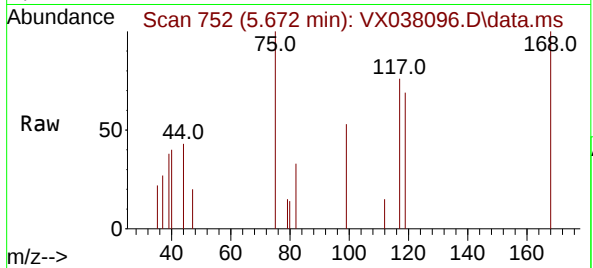




#38
Carbon Tetrachloride
Concen: 0.435 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

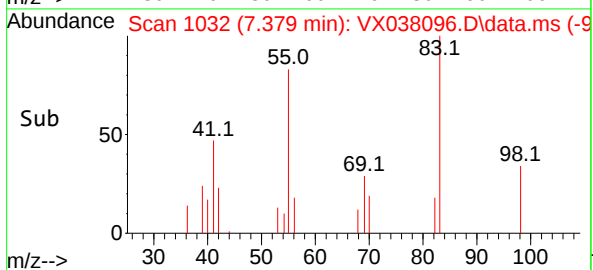
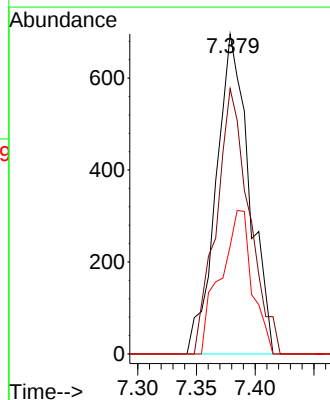
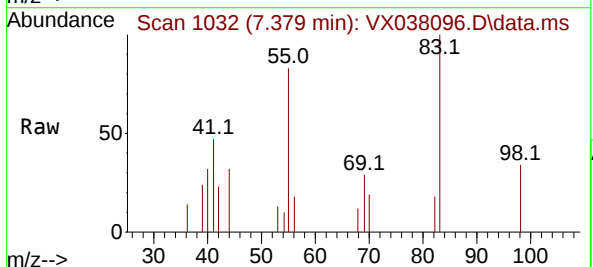
Instrument :
MSVOA_X
ClientSampleId :
IBLK

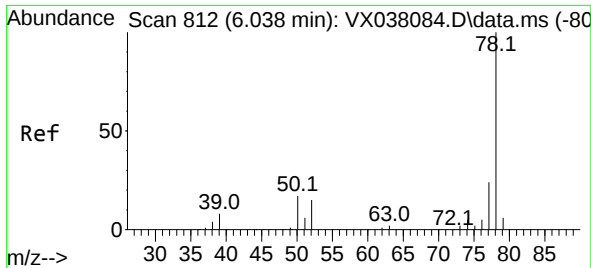
Tgt Ion:117 Resp: 959
Ion Ratio Lower Upper
117 100
119 90.9 78.2 117.2
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.518 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 83 Resp: 1361
Ion Ratio Lower Upper
83 100
55 82.9 64.6 97.0
98 33.6 36.7 55.1#

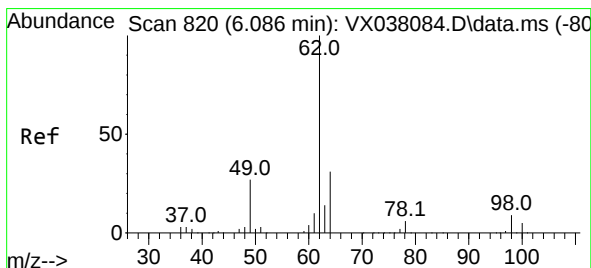
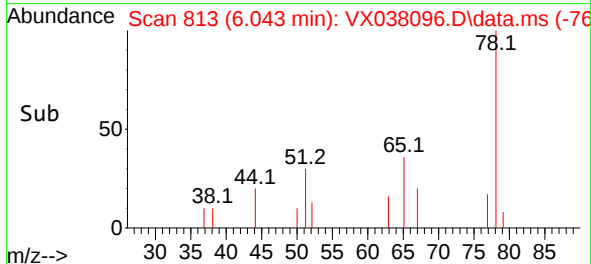
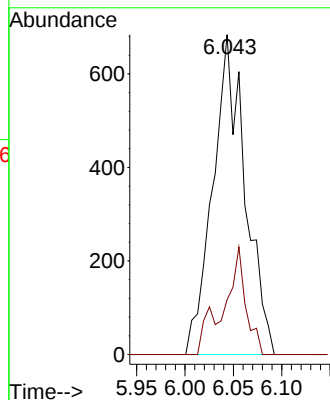
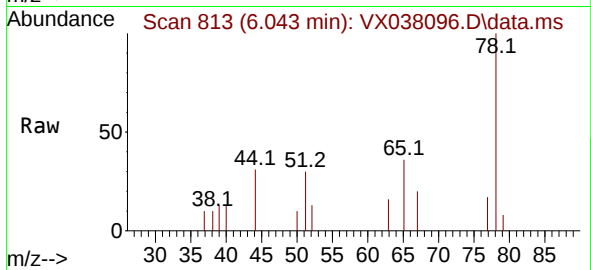




#40
Benzene
Concen: 0.253 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

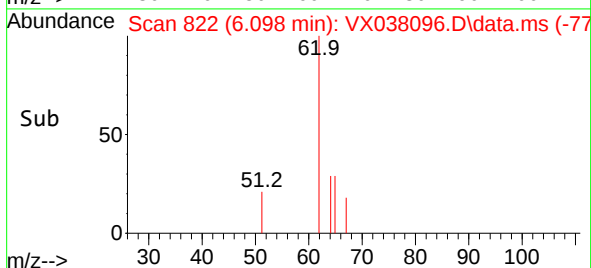
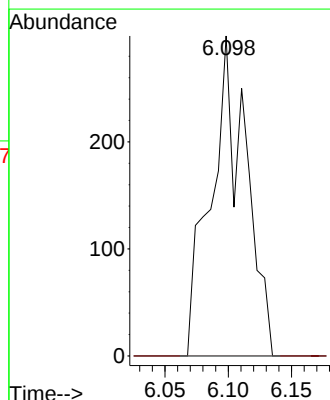
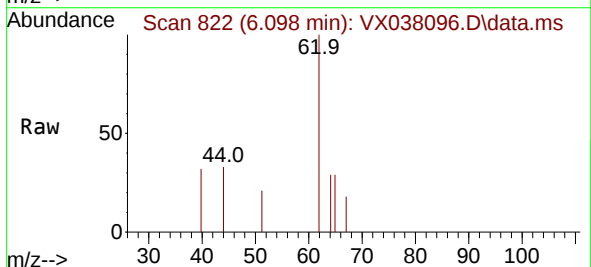
Instrument :
MSVOA_X
ClientSampleId :
IBLK

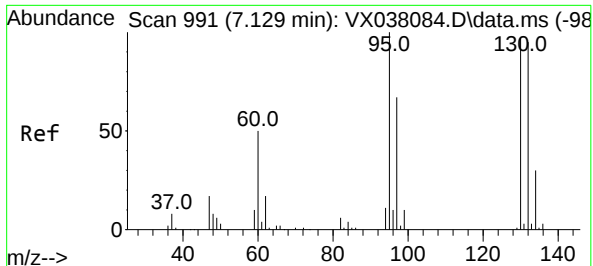
Tgt Ion: 78 Resp: 1585
Ion Ratio Lower Upper
78 100
77 17.1 19.3 28.9#



#42
1,2-Dichloroethane
Concen: 0.229 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 62 Resp: 575
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0

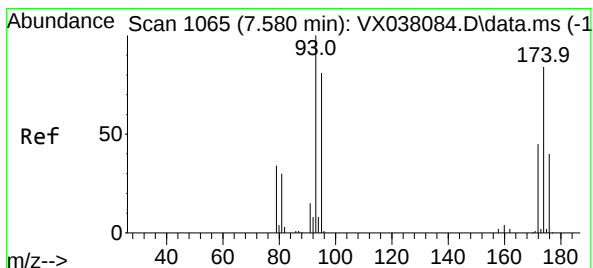
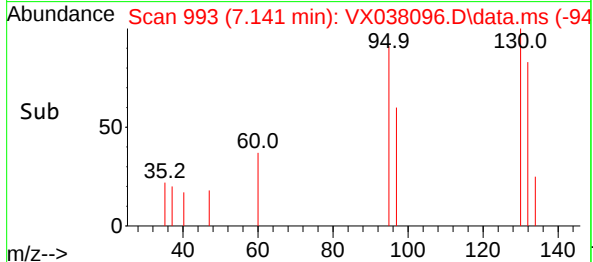
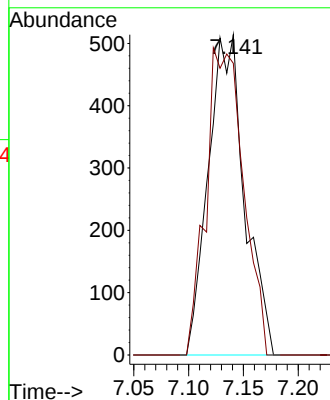
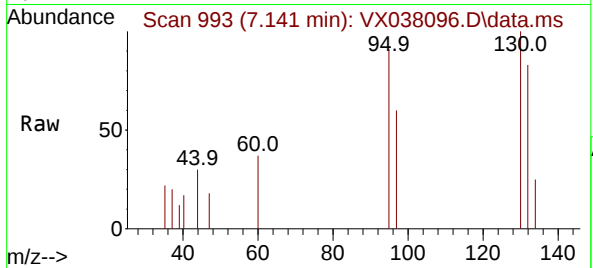




#44
Trichloroethene
Concen: 0.719 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

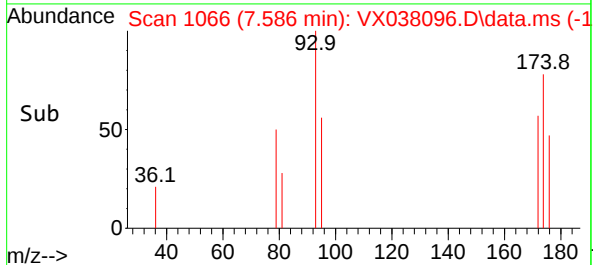
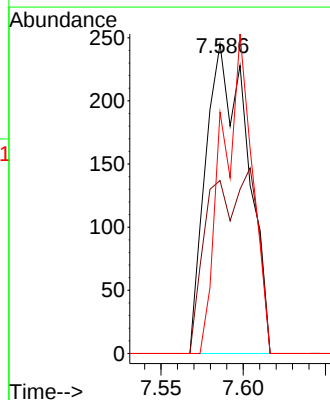
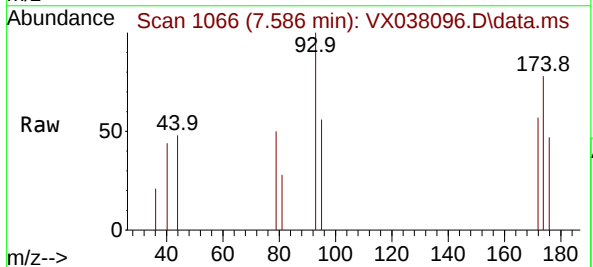
Instrument :
MSVOA_X
ClientSampleId :
IBLK

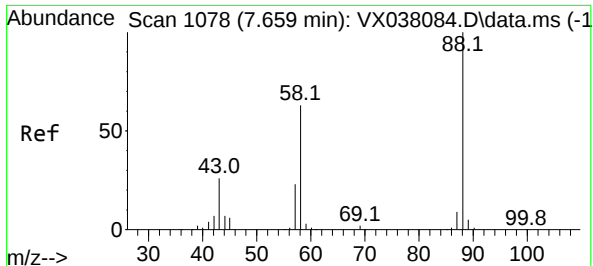
Tgt Ion:130 Resp: 1180
Ion Ratio Lower Upper
130 100
95 91.1 0.0 204.4



#46
Dibromomethane
Concen: 0.342 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 93 Resp: 431
Ion Ratio Lower Upper
93 100
95 37.4 66.6 100.0#
174 74.9 69.4 104.0





#49

1,4-Dioxane

Concen: 2.458 ug/l

RT: 7.671 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

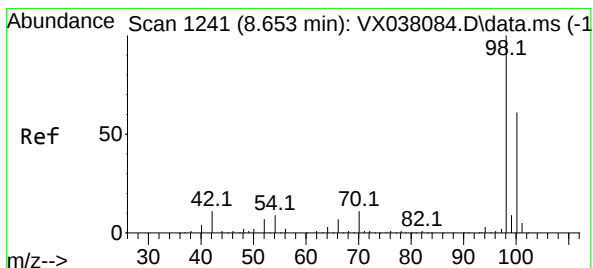
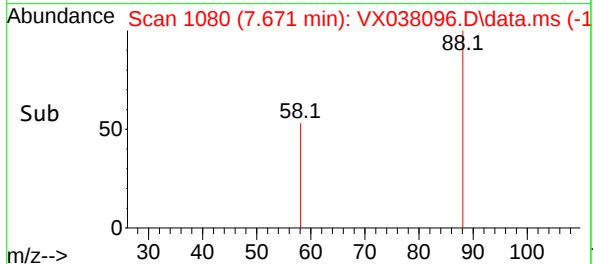
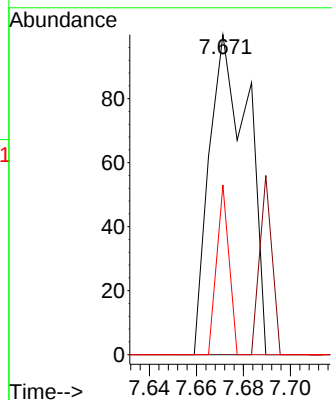
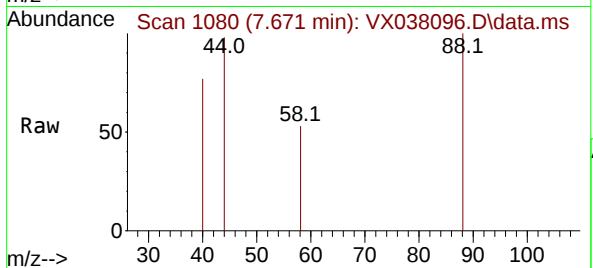
Tgt Ion: 88 Resp: 115

Ion Ratio Lower Upper

88 100

43 17.4 0.0 0.0#

58 16.5 60.1 90.1#



#50

Toluene-d8

Concen: 44.864 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038096.D

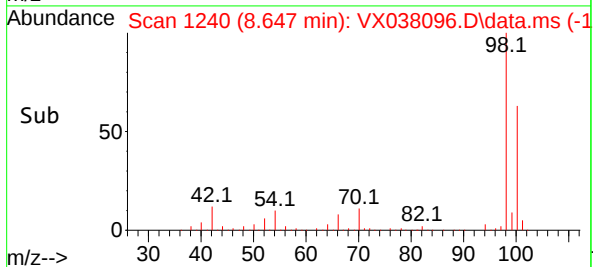
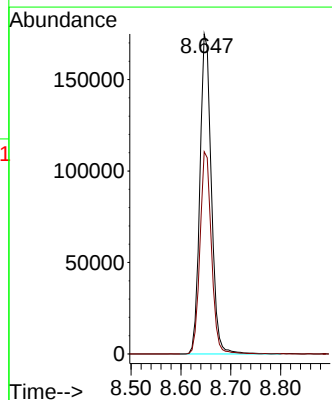
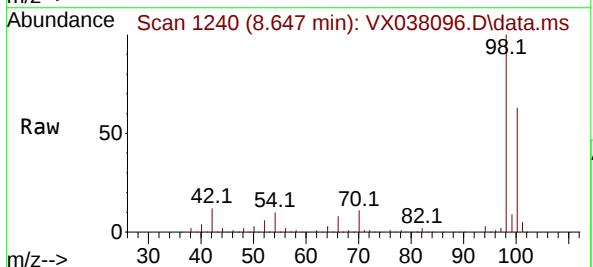
Acq: 05 Oct 2023 12:17

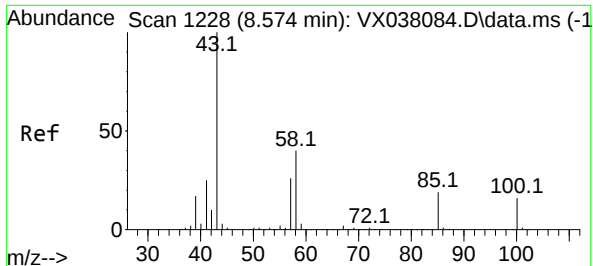
Tgt Ion: 98 Resp: 278844

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.315 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

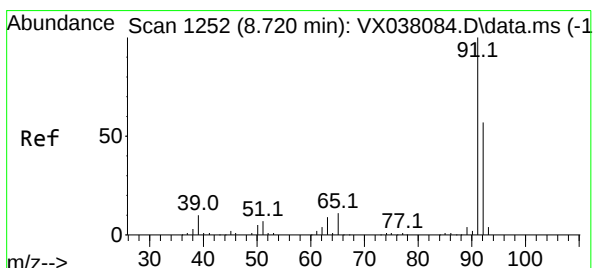
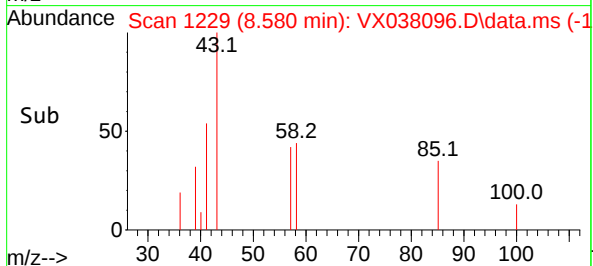
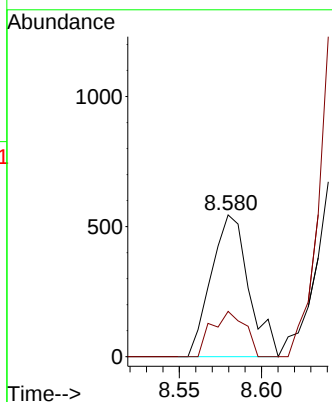
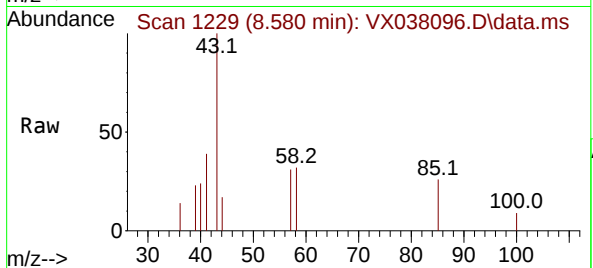
IBLK

Tgt Ion: 43 Resp: 865

Ion Ratio Lower Upper

43 100

58 28.3 30.4 45.6#



#52

Toluene

Concen: 0.359 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX038096.D

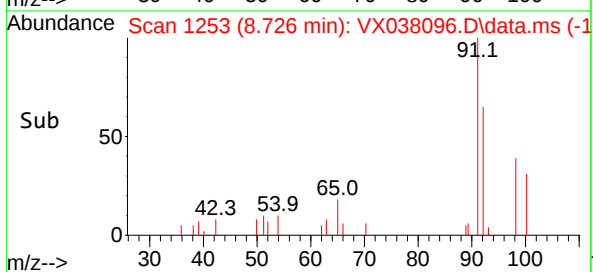
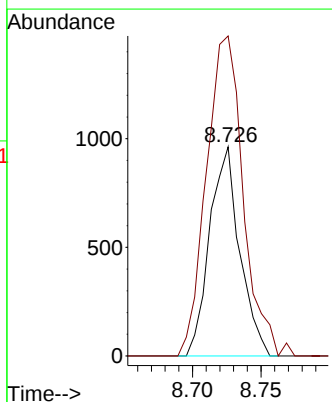
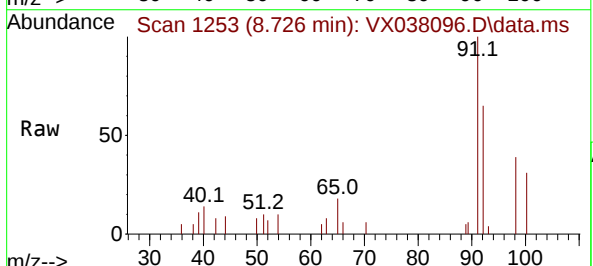
Acq: 05 Oct 2023 12:17

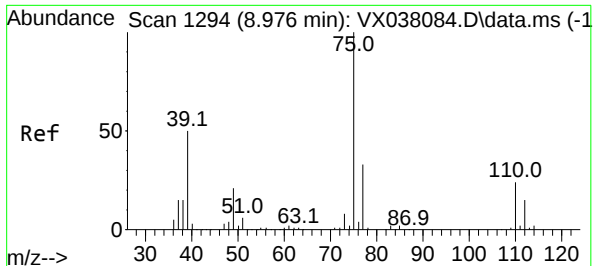
Tgt Ion: 92 Resp: 1467

Ion Ratio Lower Upper

92 100

91 188.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.393 ug/l

RT: 8.994 min Scan# 1196

Delta R.T. 0.018 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

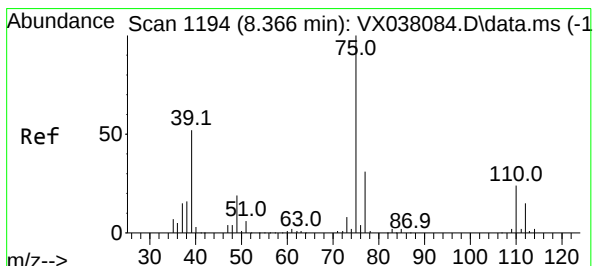
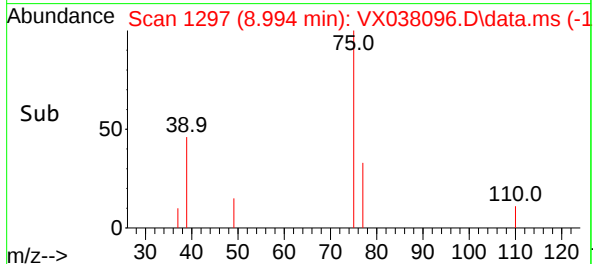
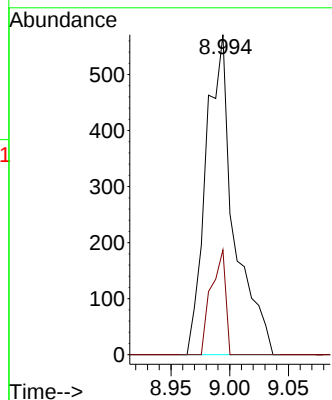
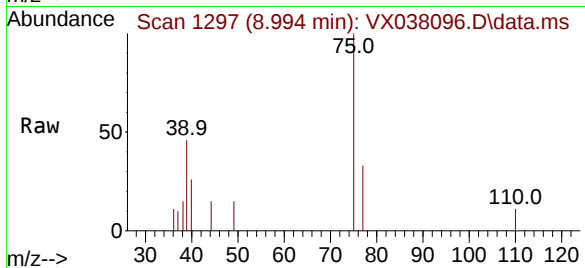
IBLK

Tgt Ion: 75 Resp: 946

Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 0.209 ug/l

RT: 8.378 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

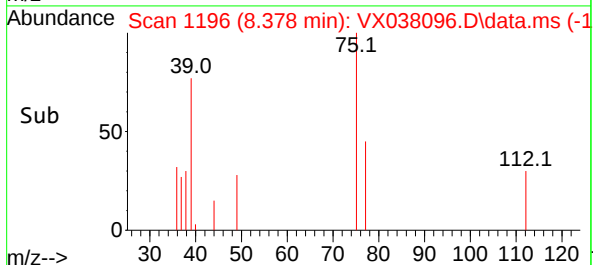
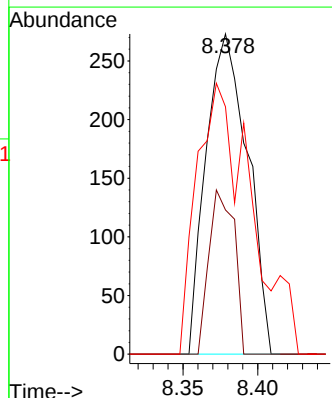
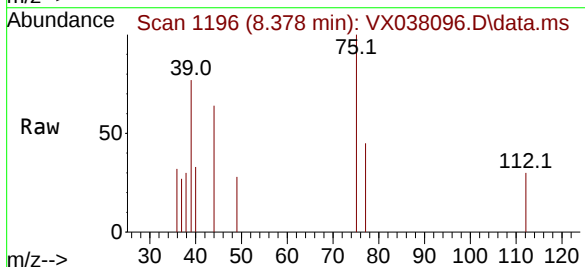
Tgt Ion: 75 Resp: 527

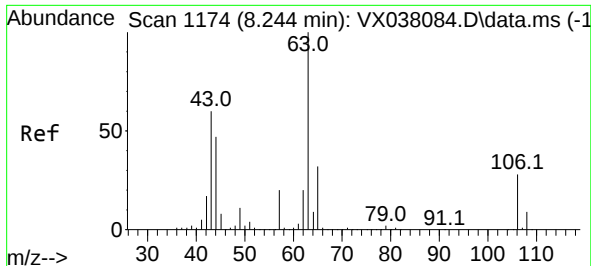
Ion Ratio Lower Upper

75 100

77 45.1 25.3 37.9#

39 77.3 46.7 70.1#

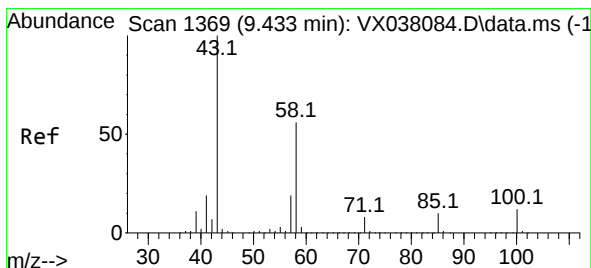
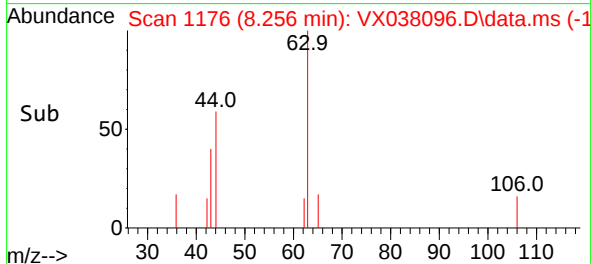
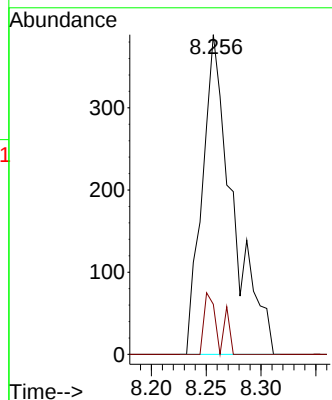
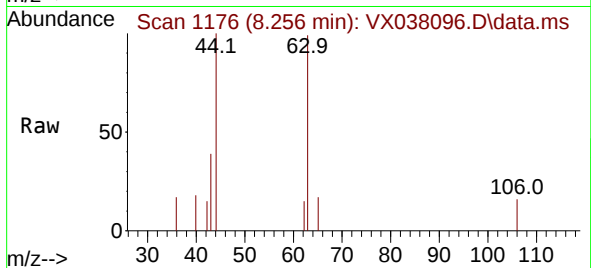




#58
2-Chloroethyl Vinyl ether
Concen: 0.573 ug/l
RT: 8.256 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

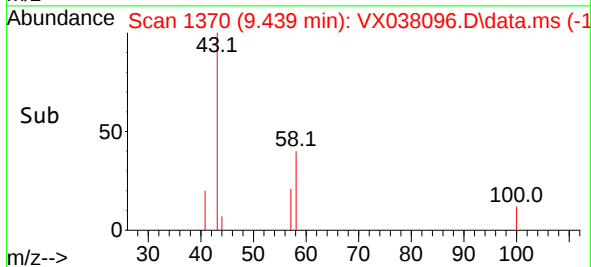
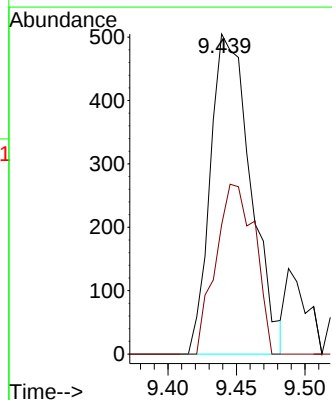
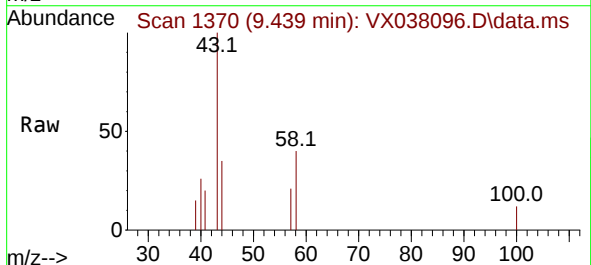
Instrument :
MSVOA_X
ClientSampleId :
IBLK

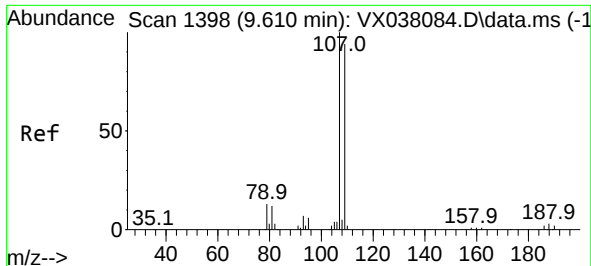
Tgt Ion: 63 Resp: 754
Ion Ratio Lower Upper
63 100
106 9.4 22.5 33.7#



#59
2-Hexanone
Concen: 0.471 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 51.2 26.2 78.5

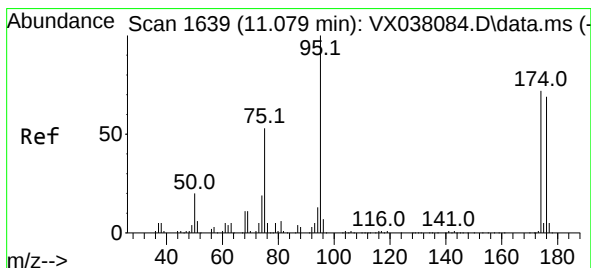
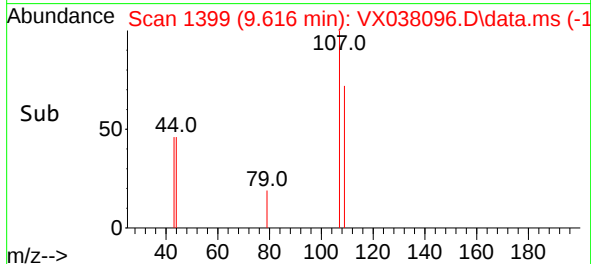
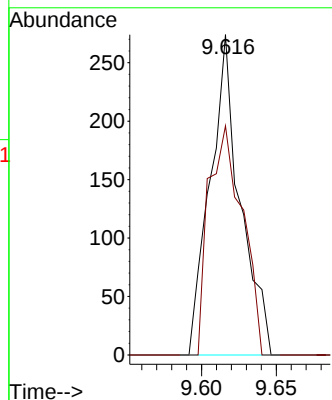
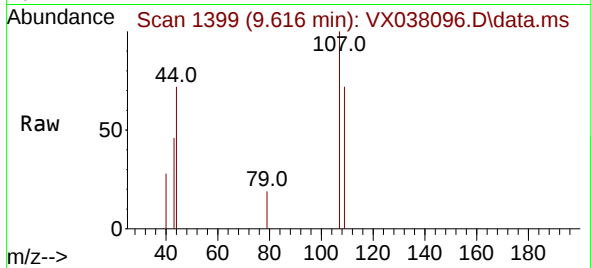




#61
1,2-Dibromoethane
Concen: 0.203 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

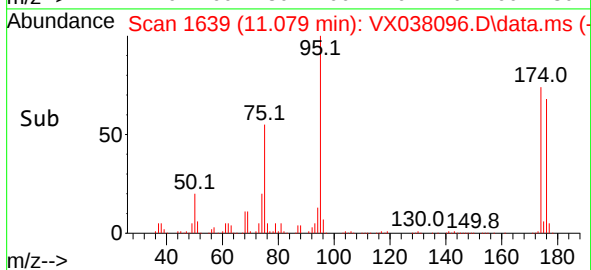
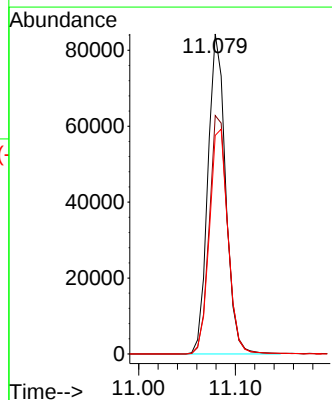
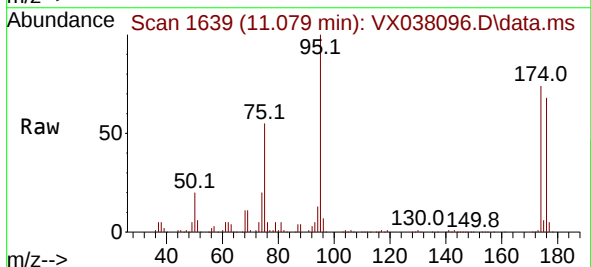
Instrument :
MSVOA_X
ClientSampleId :
IBLK

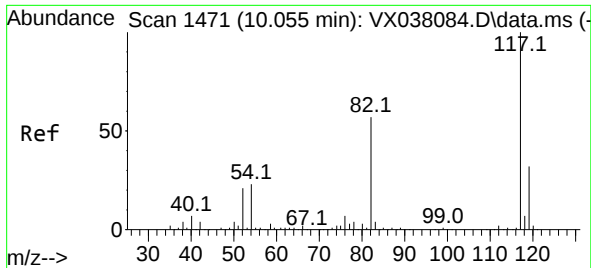
Tgt Ion:107 Resp: 383
Ion Ratio Lower Upper
107 100
109 80.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 45.545 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 95 Resp: 107317
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 73.8 0.0 131.0

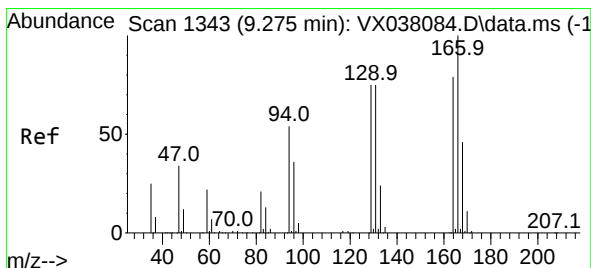
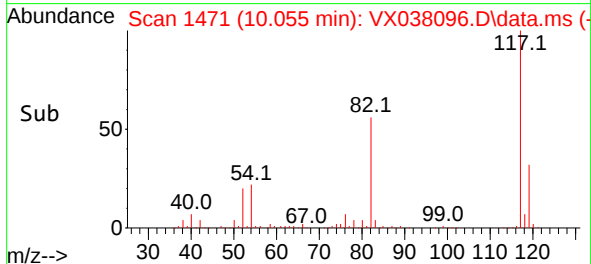
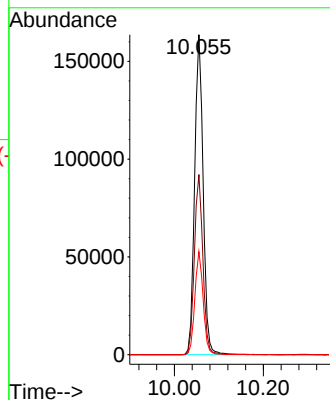
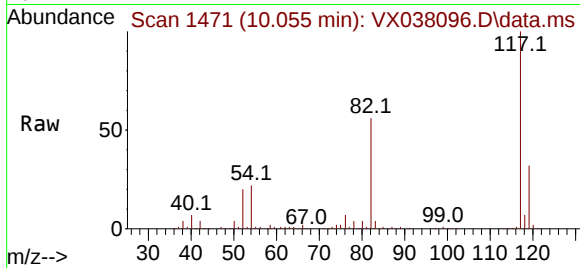




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

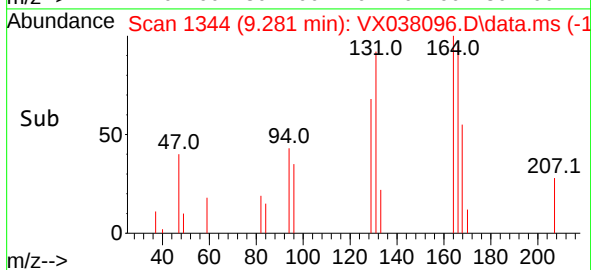
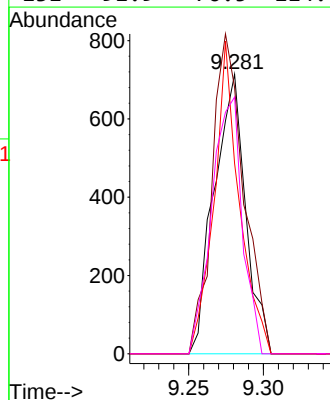
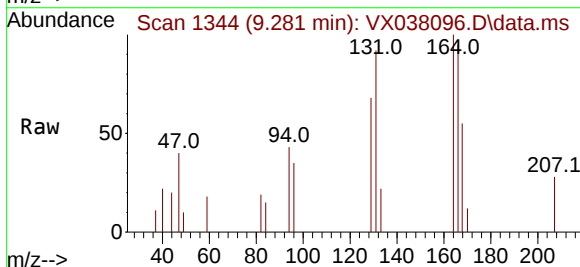
Instrument :
MSVOA_X
ClientSampleId :
IBLK

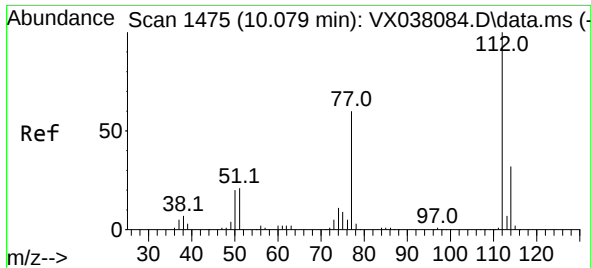
Tgt Ion:117 Resp: 216567
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.745 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion:164 Resp: 1044
Ion Ratio Lower Upper
164 100
166 95.2 102.7 154.1#
129 68.1 80.4 120.6#
131 91.9 76.5 114.7

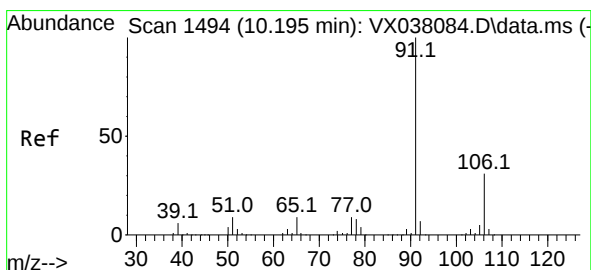
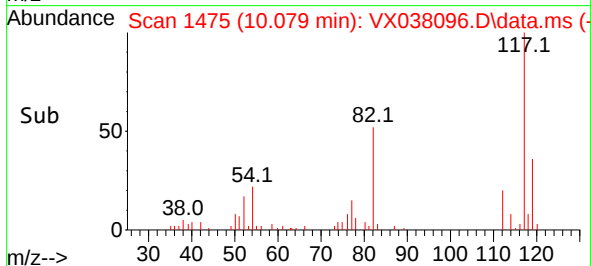
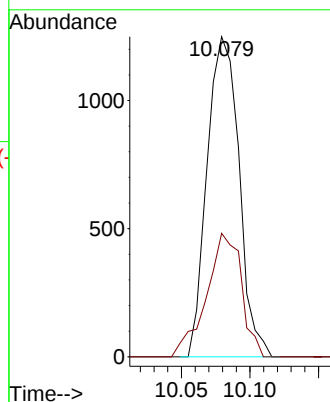
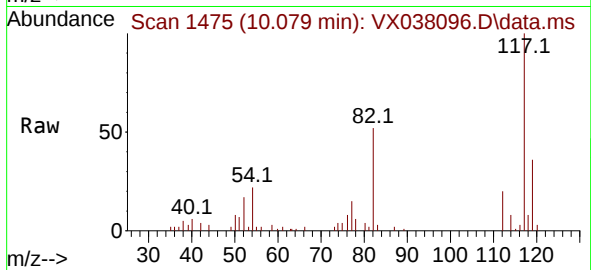




#65
Chlorobenzene
Concen: 0.446 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

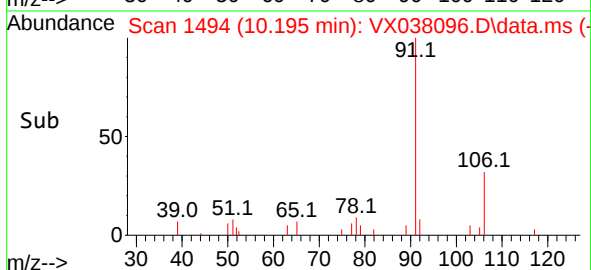
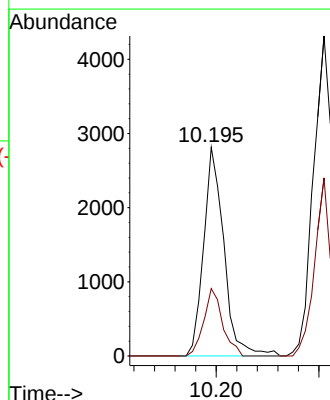
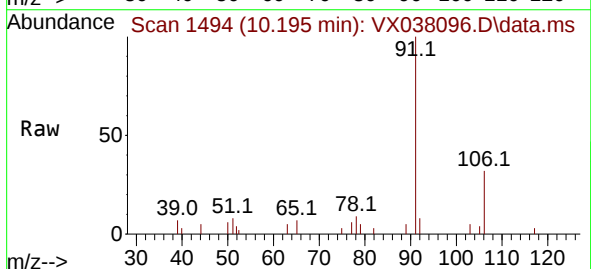
Instrument :
MSVOA_X
ClientSampleId :
IBLK

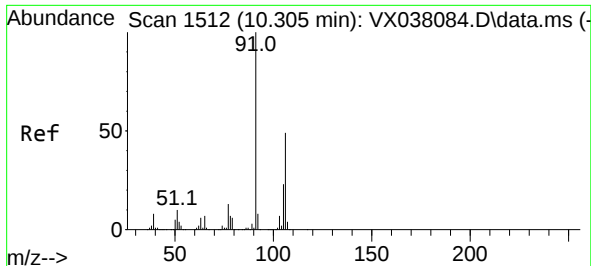
Tgt Ion:112 Resp: 2022
Ion Ratio Lower Upper
112 100
114 38.6 25.7 38.5#



#67
Ethyl Benzene
Concen: 0.477 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 91 Resp: 3858
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

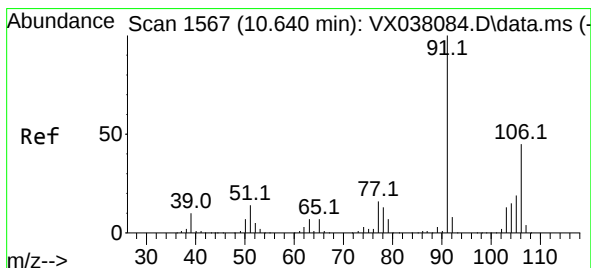
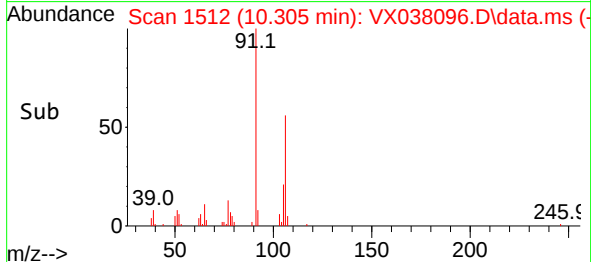
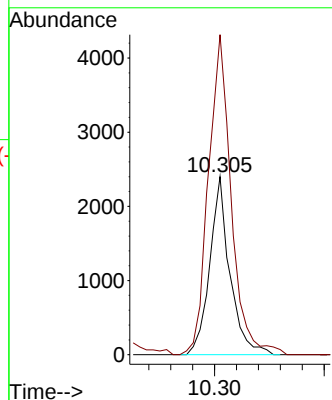
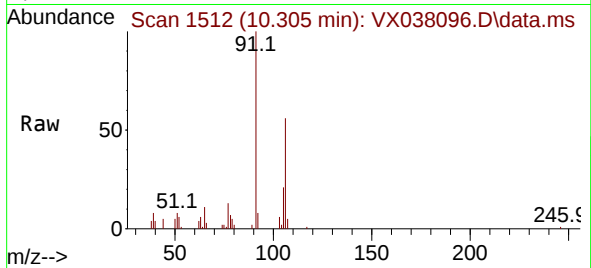




#68
m/p-Xylenes
Concen: 0.977 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

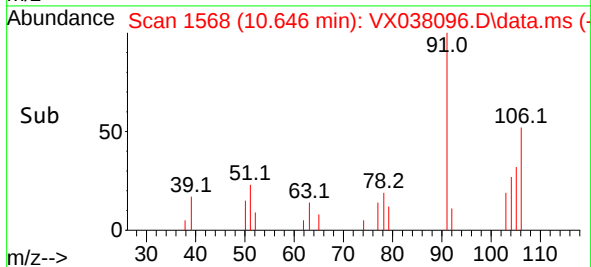
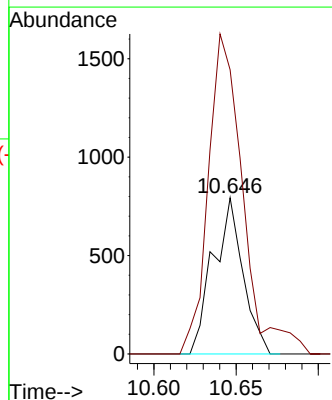
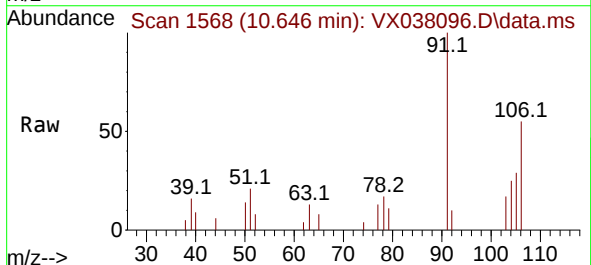
Instrument :
MSVOA_X
ClientSampleId :
IBLK

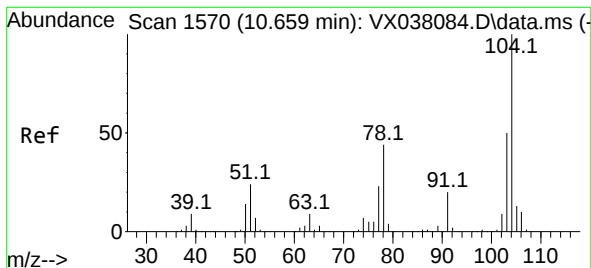
Tgt Ion:106 Resp: 3056
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3



#69
o-Xylene
Concen: 0.329 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion:106 Resp: 1004
Ion Ratio Lower Upper
106 100
91 236.2 108.9 326.8





#70

Styrene

Concen: 0.407 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

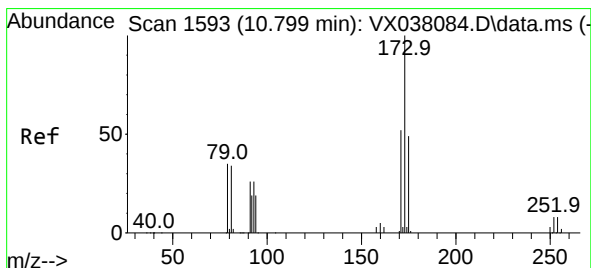
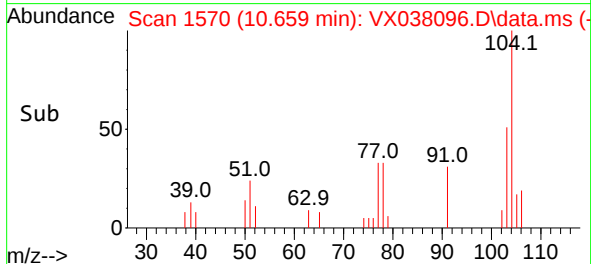
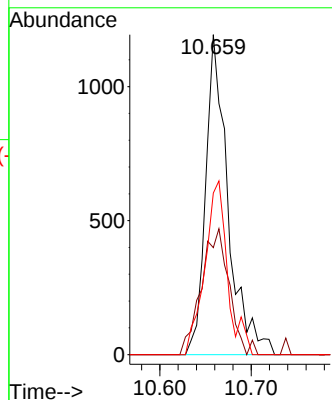
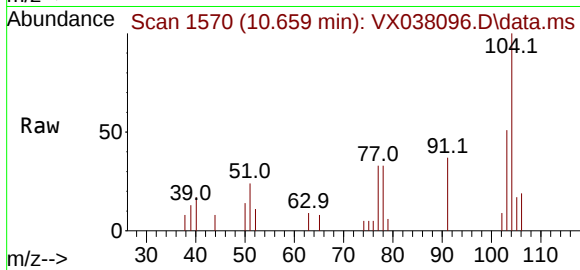
Tgt Ion:104 Resp: 2025

Ion Ratio Lower Upper

104 100

78 49.1 43.6 65.4

103 55.1 43.6 65.4



#71

Bromoform

Concen: 2.974 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

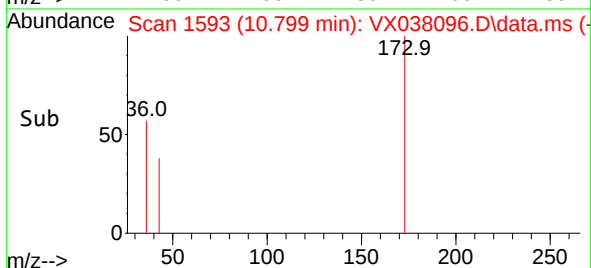
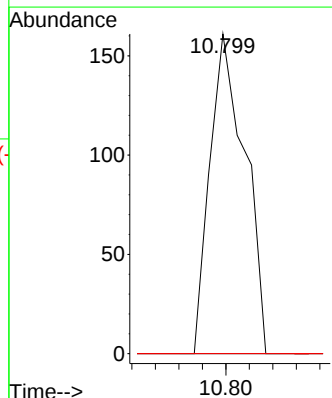
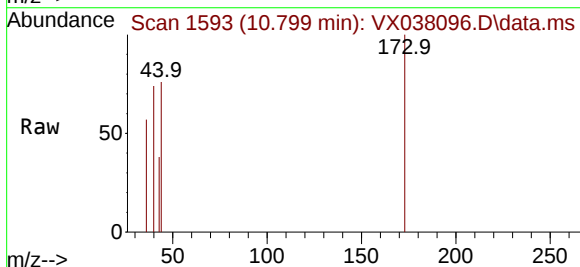
Tgt Ion:173 Resp: 167

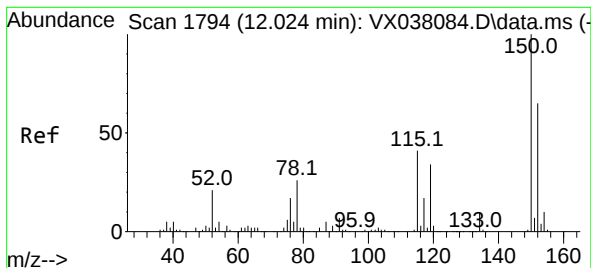
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

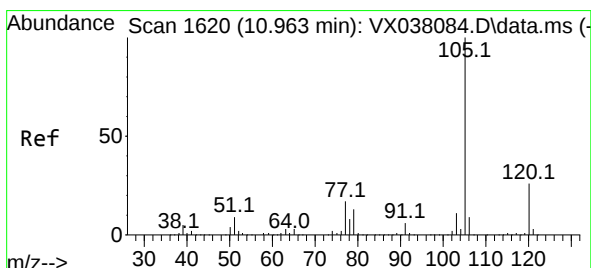
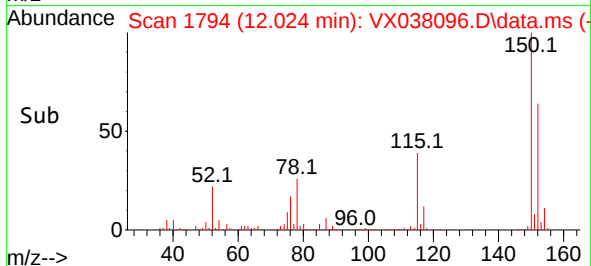
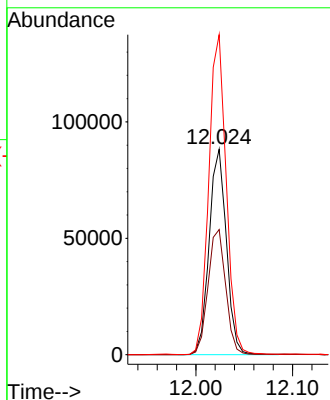
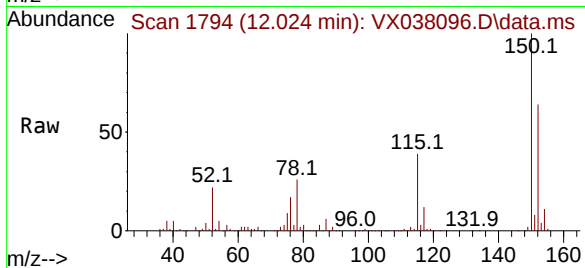
Tgt Ion:152 Resp: 109870

Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 156.7 0.0 345.0



#73

Isopropylbenzene

Concen: 0.502 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX038096.D

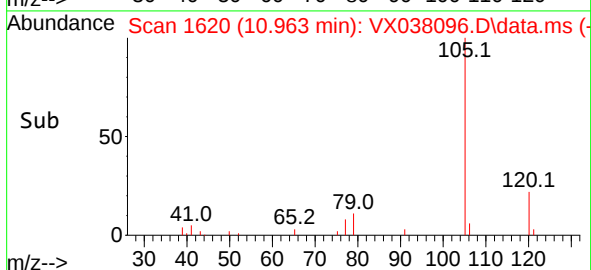
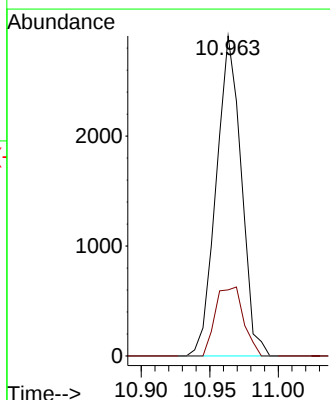
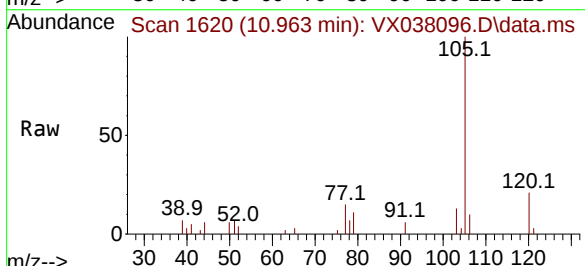
Acq: 05 Oct 2023 12:17

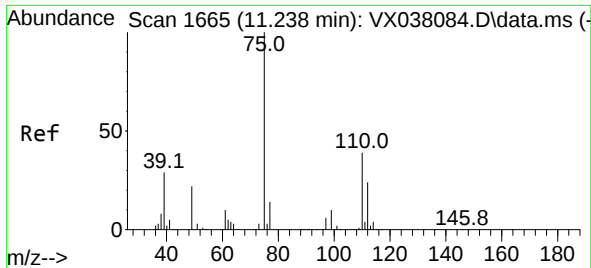
Tgt Ion:105 Resp: 3697

Ion Ratio Lower Upper

105 100

120 24.2 12.9 38.6

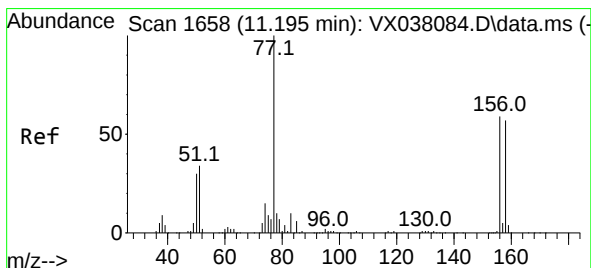
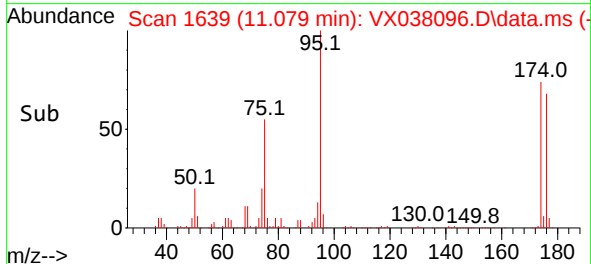
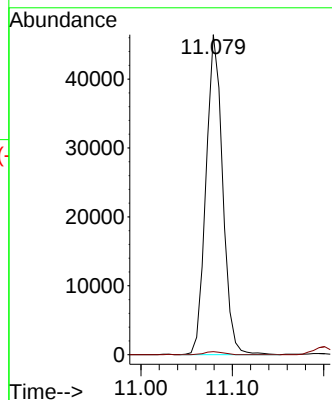
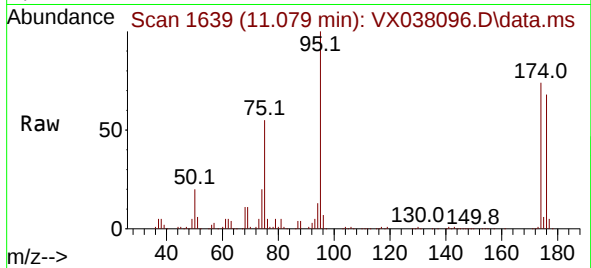




#76
1,2,3-Trichloropropane
Concen: 23.530 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

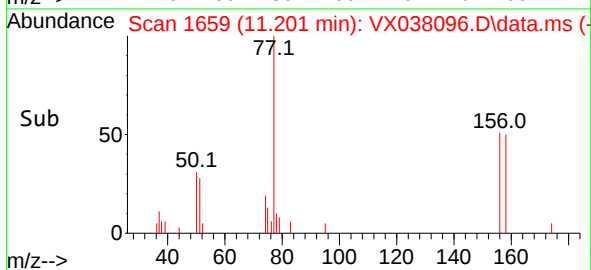
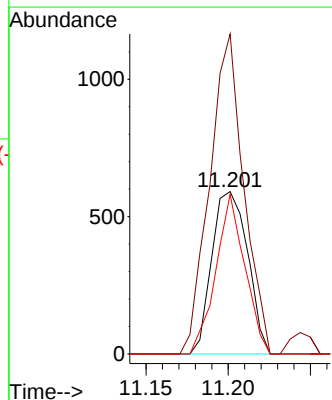
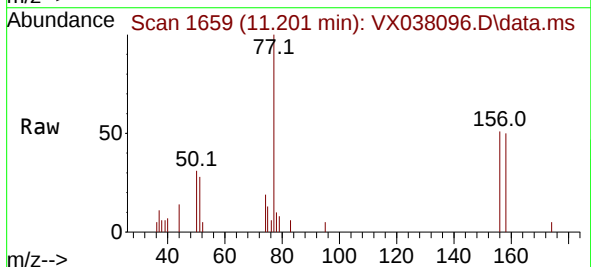
Instrument :
MSVOA_X
ClientSampleId :
IBLK

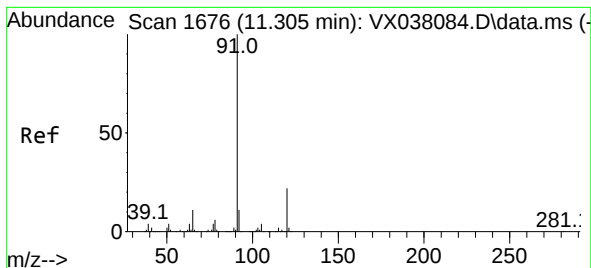
Tgt Ion: 75 Resp: 58771
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#77
Bromobenzene
Concen: 0.496 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion:156 Resp: 893
Ion Ratio Lower Upper
156 100
77 188.0 88.4 265.3
158 79.6 48.0 144.0





#78

n-propylbenzene

Concen: 0.638 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

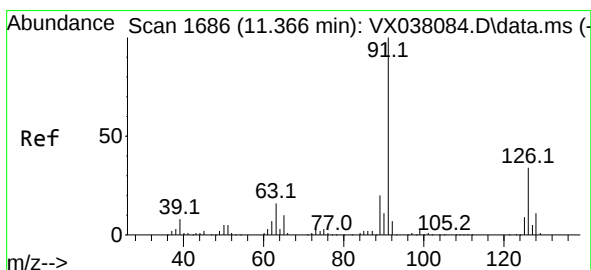
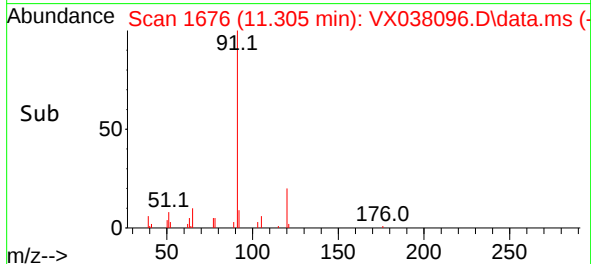
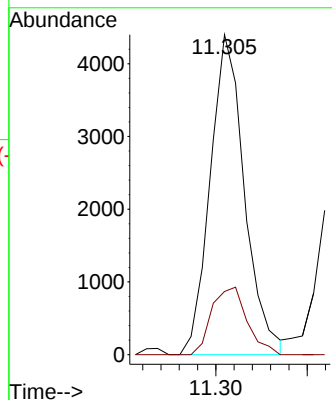
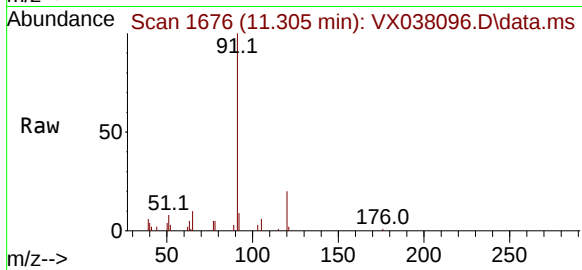
IBLK

Tgt Ion: 91 Resp: 5750

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.584 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX038096.D

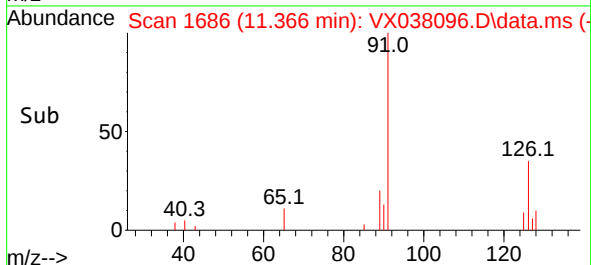
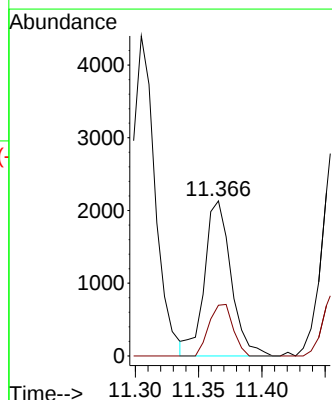
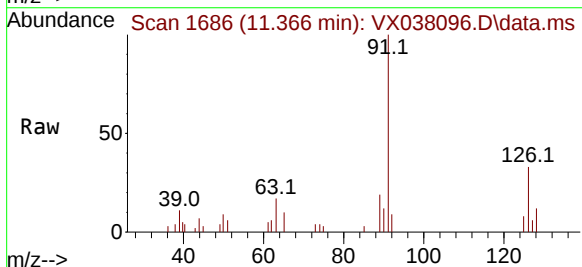
Acq: 05 Oct 2023 12:17

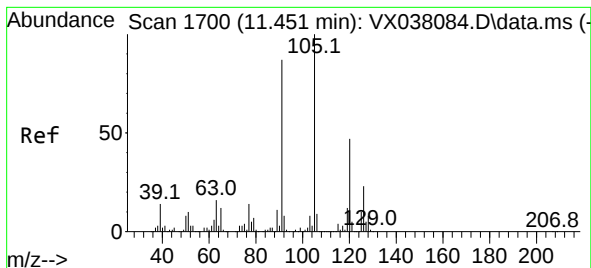
Tgt Ion: 91 Resp: 3120

Ion Ratio Lower Upper

91 100

126 29.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.511 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

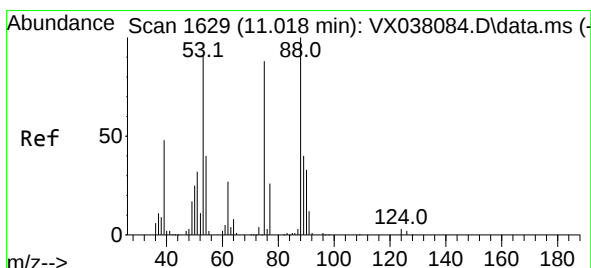
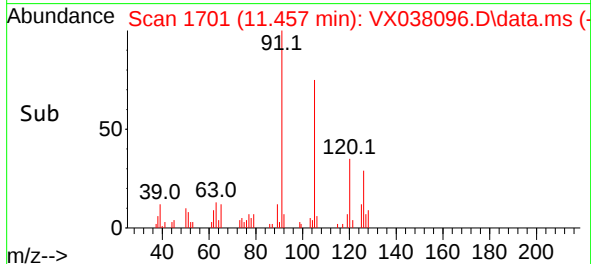
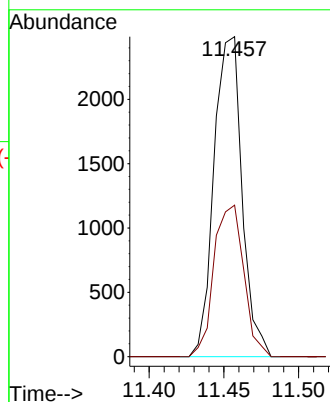
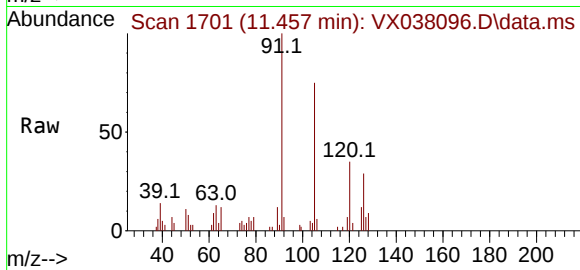
IBLK

Tgt Ion:105 Resp: 3248

Ion Ratio Lower Upper

105 100

120 50.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 67.196 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

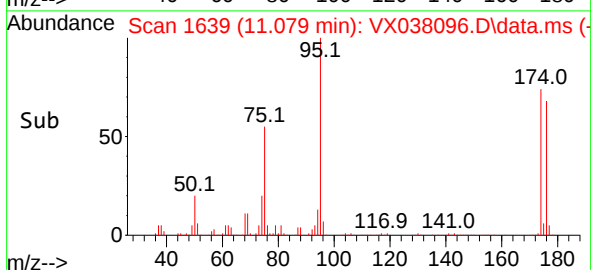
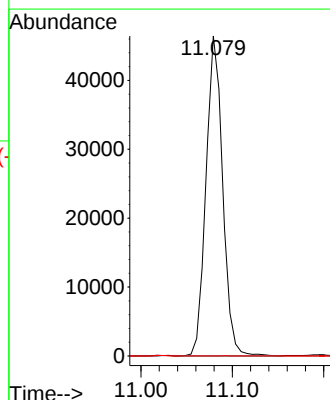
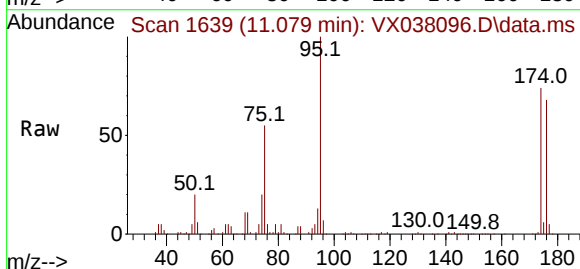
Tgt Ion: 75 Resp: 58771

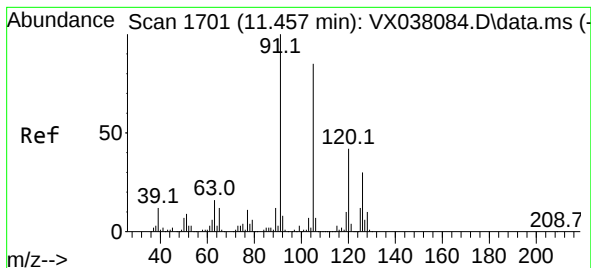
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.754 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

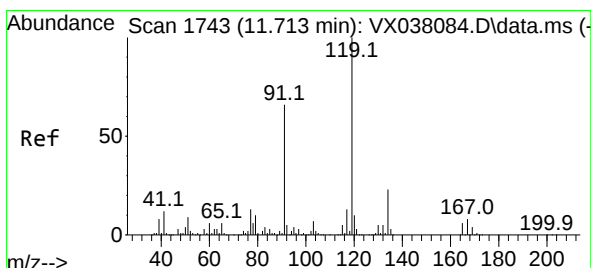
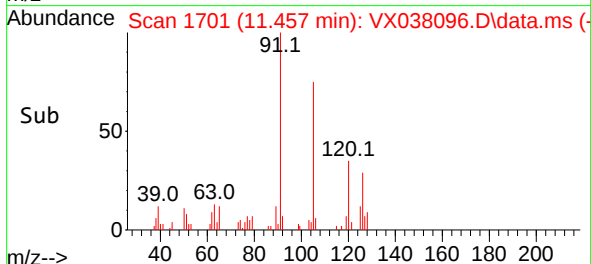
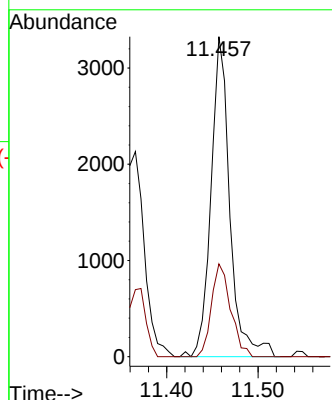
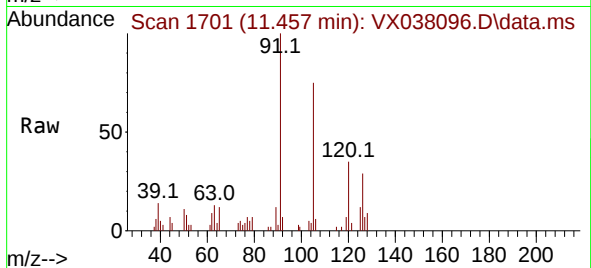
IBLK

Tgt Ion: 91 Resp: 4765

Ion Ratio Lower Upper

91 100

126 29.5 14.2 42.6



#83

tert-Butylbenzene

Concen: 0.432 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

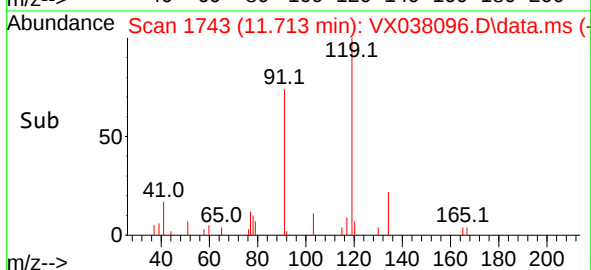
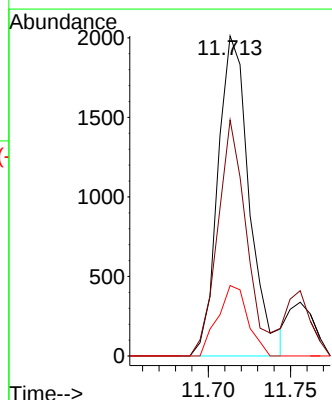
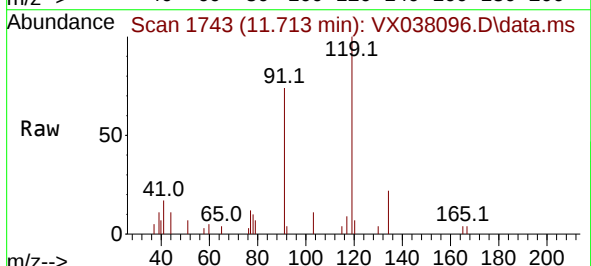
Tgt Ion: 119 Resp: 2682

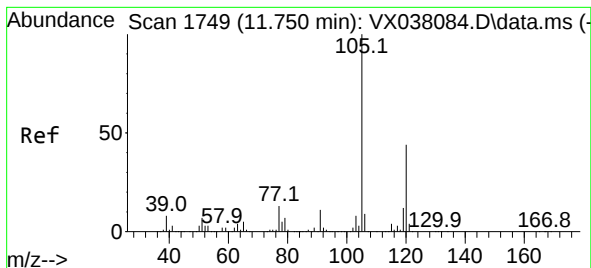
Ion Ratio Lower Upper

119 100

91 67.2 31.2 93.6

134 21.1 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.529 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

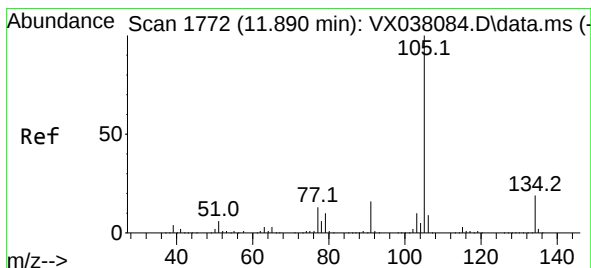
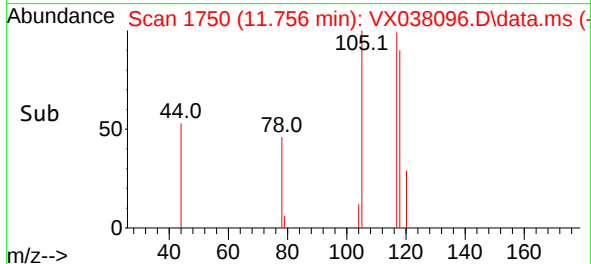
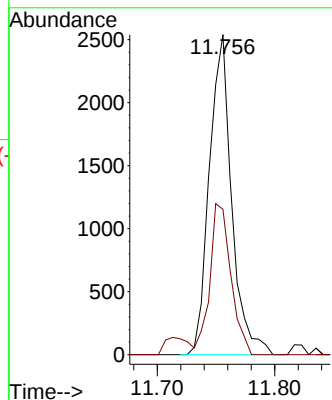
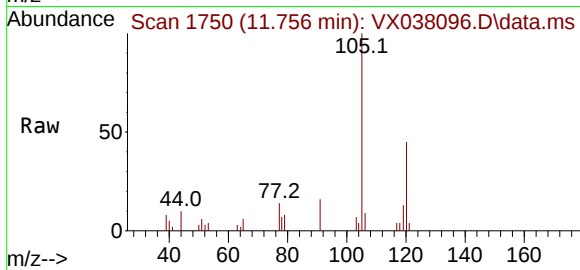
IBLK

Tgt Ion:105 Resp: 3350

Ion Ratio Lower Upper

105 100

120 44.4 21.2 63.6



#85

sec-Butylbenzene

Concen: 0.563 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX038096.D

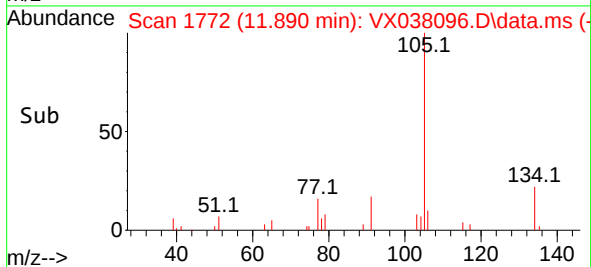
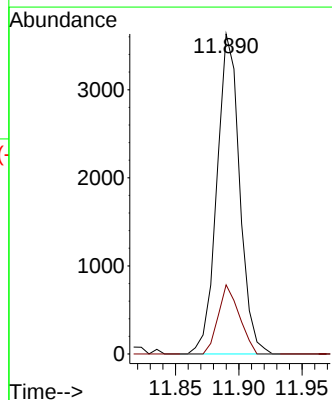
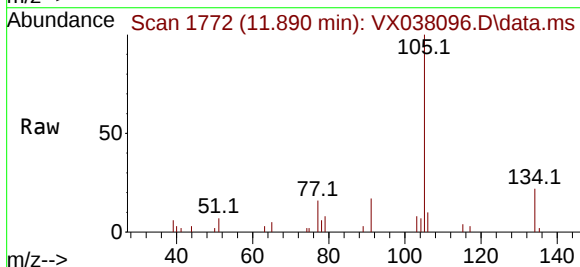
Acq: 05 Oct 2023 12:17

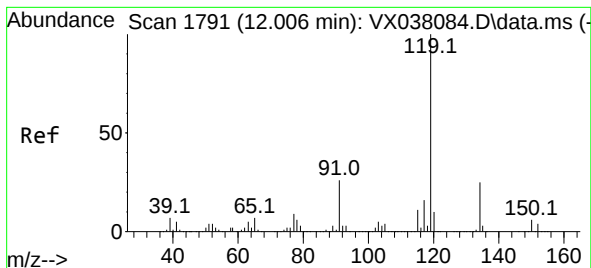
Tgt Ion:105 Resp: 4529

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.639 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

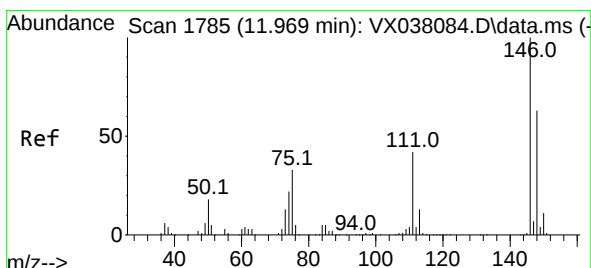
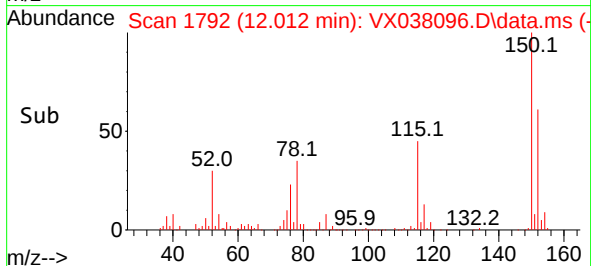
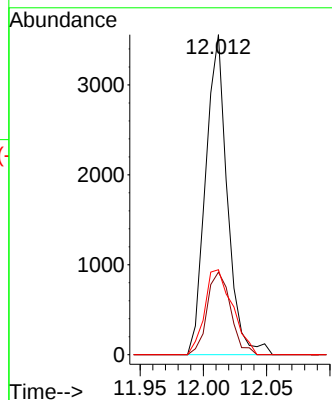
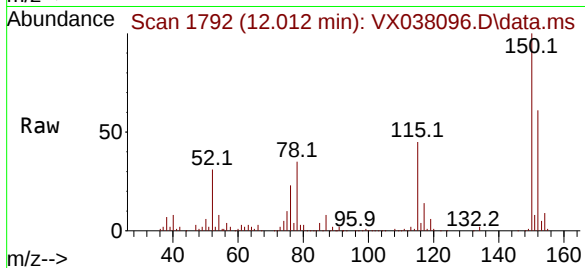
Tgt Ion:119 Resp: 4243

Ion Ratio Lower Upper

119 100

134 28.0 12.8 38.3

91 34.2 13.1 39.3



#87

1,3-Dichlorobenzene

Concen: 0.797 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

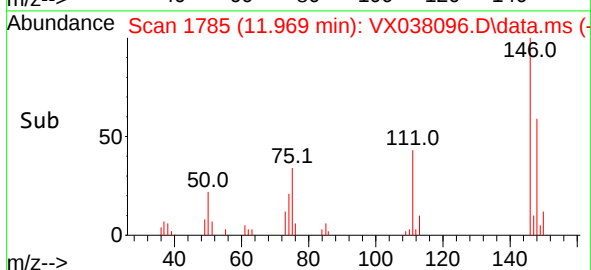
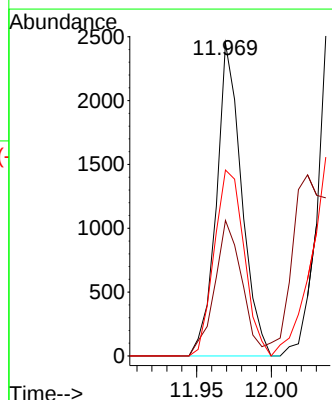
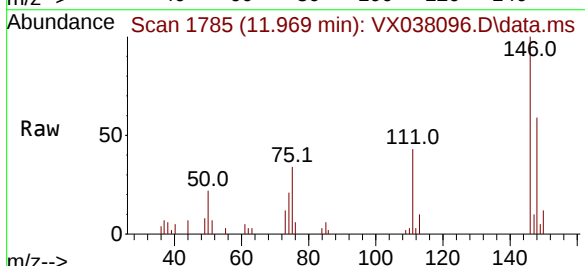
Tgt Ion:146 Resp: 2878

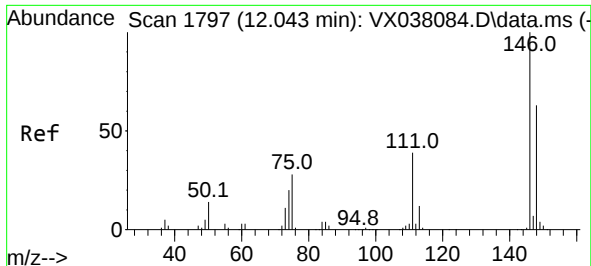
Ion Ratio Lower Upper

146 100

111 46.7 22.1 66.1

148 70.4 31.8 95.3

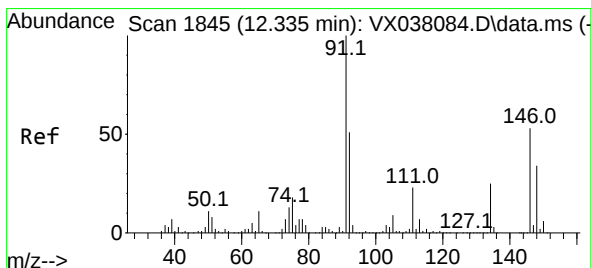
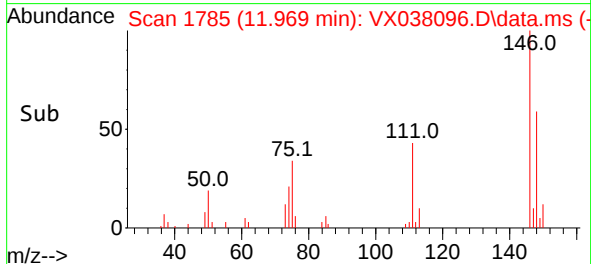
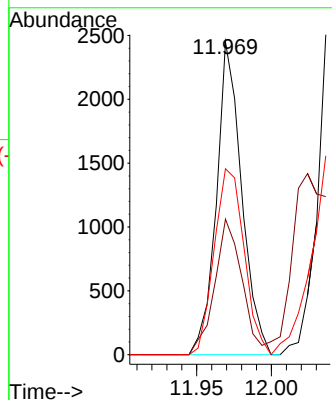
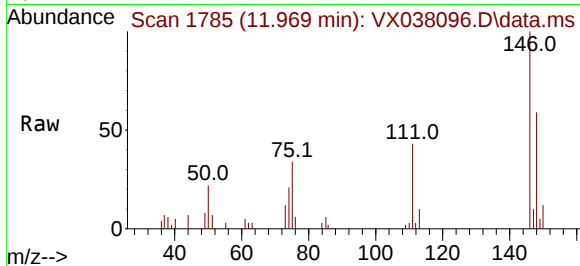




#88
1,4-Dichlorobenzene
Concen: 0.780 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

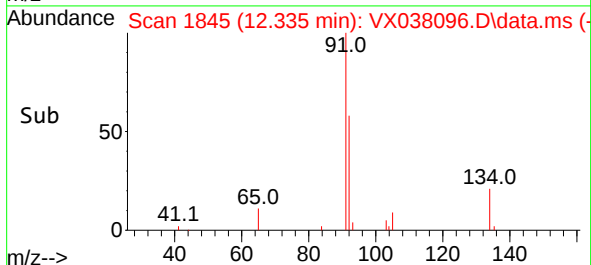
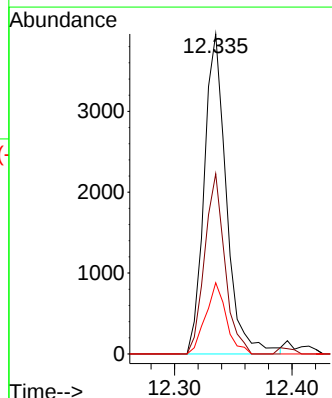
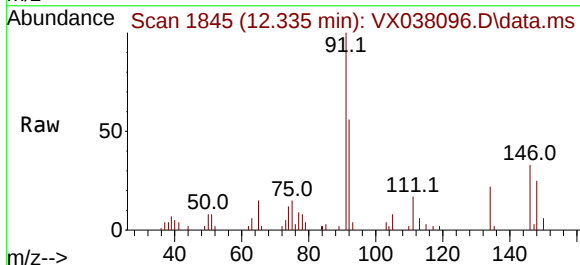
Instrument :
MSVOA_X
ClientSampleId :
IBLK

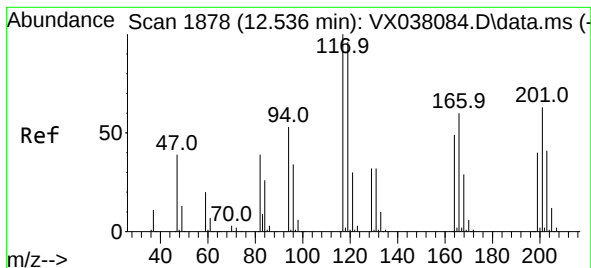
Tgt Ion:146 Resp: 2878
Ion Ratio Lower Upper
146 100
111 46.7 21.3 63.7
148 70.4 31.8 95.4



#89
n-Butylbenzene
Concen: 0.784 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

Tgt Ion: 91 Resp: 5186
Ion Ratio Lower Upper
91 100
92 51.3 27.4 82.0
134 20.7 12.6 37.8





#90

Hexachloroethane

Concen: 0.388 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

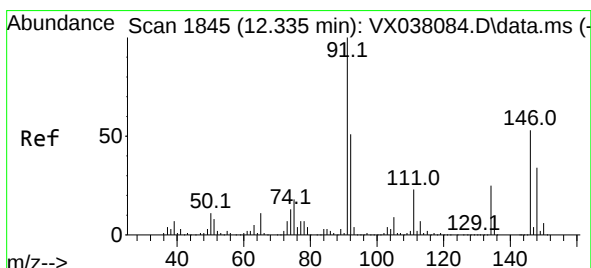
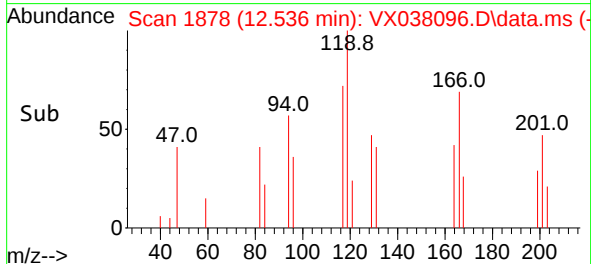
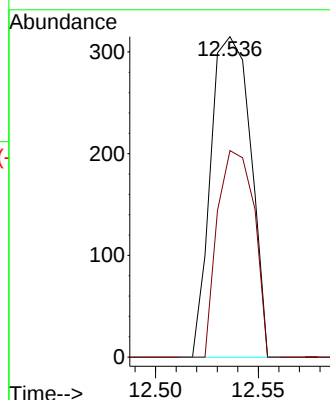
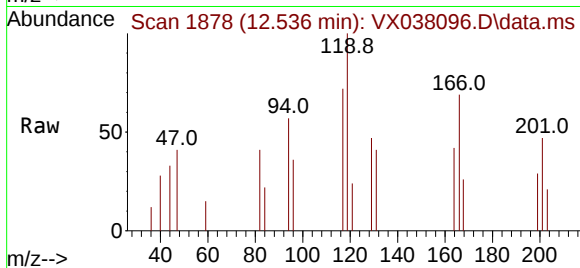
IBLK

Tgt Ion:117 Resp: 427

Ion Ratio Lower Upper

117 100

201 59.0 32.9 98.6



#91

1,2-Dichlorobenzene

Concen: 0.599 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

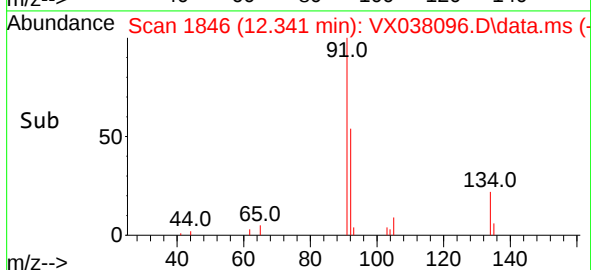
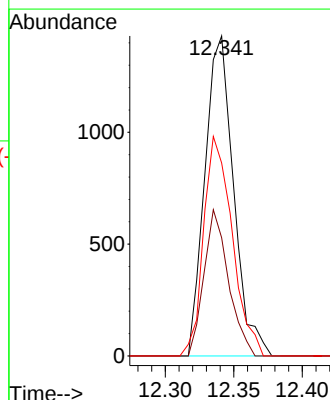
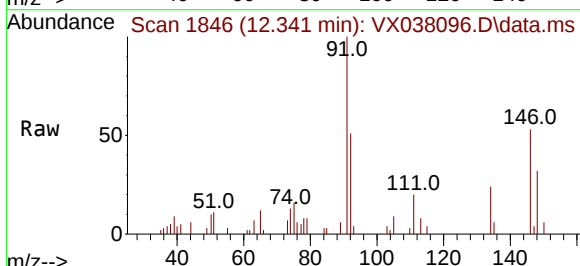
Tgt Ion:146 Resp: 2082

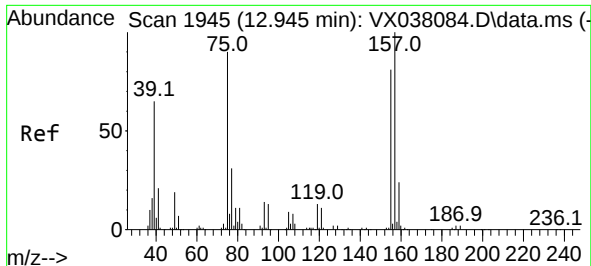
Ion Ratio Lower Upper

146 100

111 39.1 22.4 67.0

148 68.5 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.234 ug/l

RT: 12.951 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

Instrument :

MSVOA_X

ClientSampleId :

IBLK

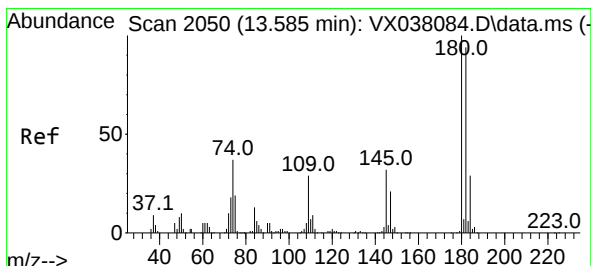
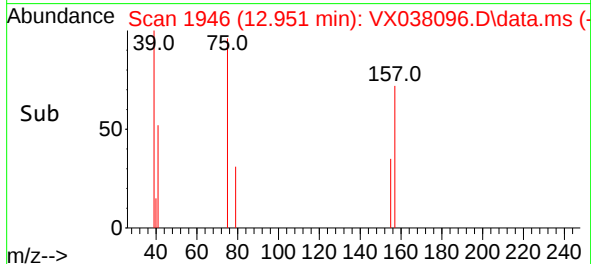
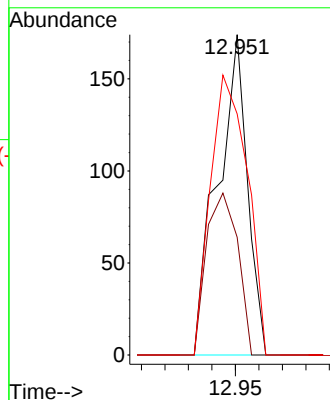
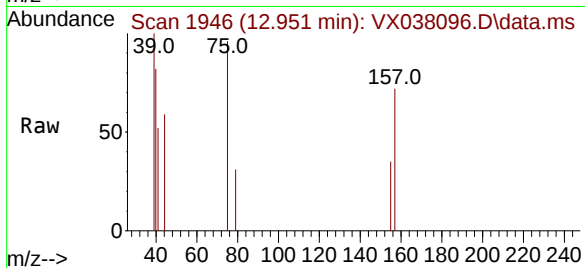
Tgt Ion: 75 Resp: 153

Ion Ratio Lower Upper

75 100

155 53.6 36.1 108.5

157 108.5 44.9 134.7



#93

1,2,4-Trichlorobenzene

Concen: 1.436 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038096.D

Acq: 05 Oct 2023 12:17

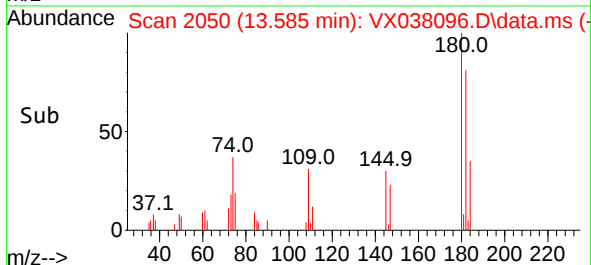
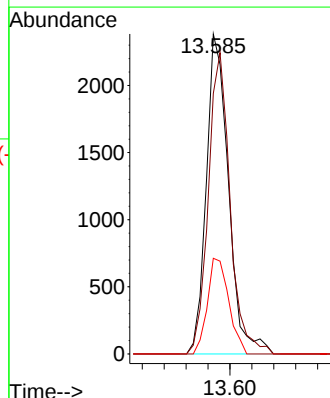
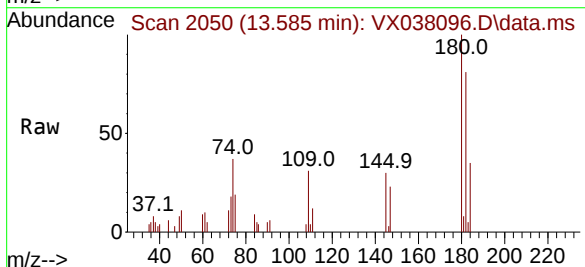
Tgt Ion: 180 Resp: 3346

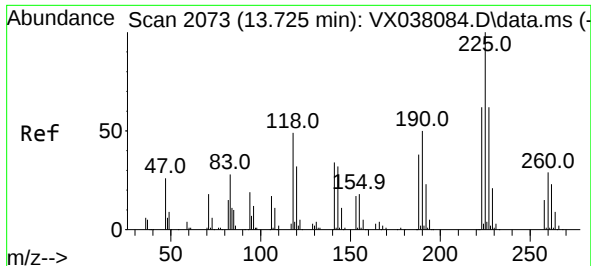
Ion Ratio Lower Upper

180 100

182 92.4 48.3 144.8

145 28.8 18.0 54.0

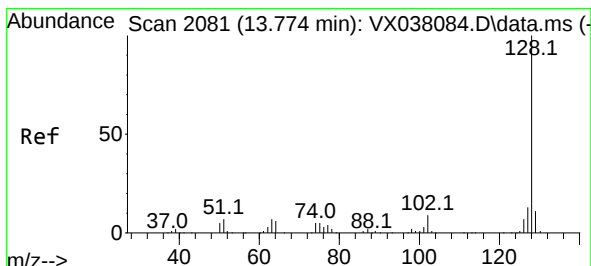
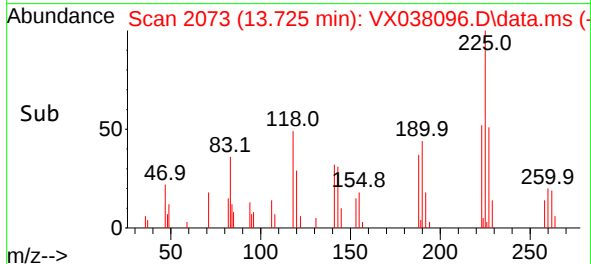
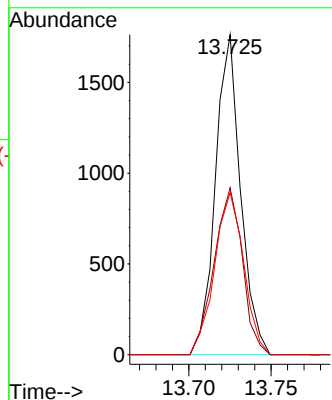
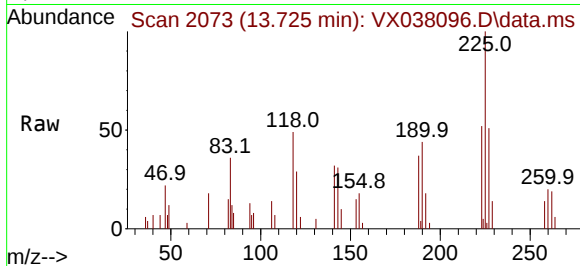




#94
Hexachlorobutadiene
Concen: 2.002 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

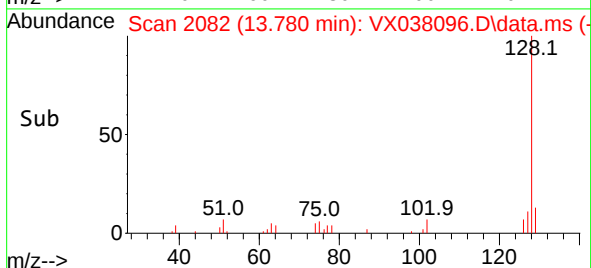
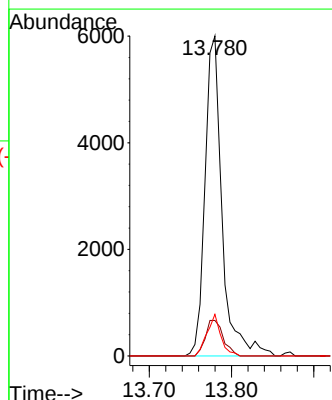
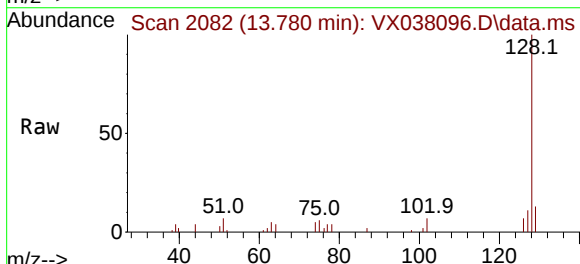
Instrument :
MSVOA_X
ClientSampleId :
IBLK

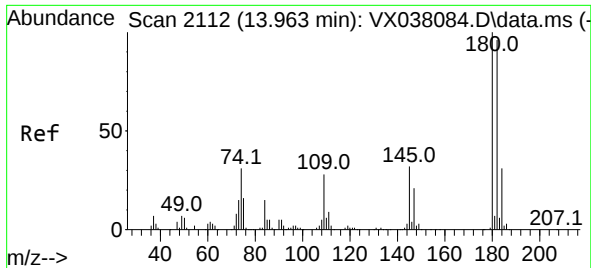
Tgt Ion:	225	Resp:	1877
Ion	Ratio	Lower	Upper
225	100		
223	58.4	31.1	93.2
227	58.6	32.5	97.5



#95
Naphthalene
Concen: 1.066 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038096.D
Acq: 05 Oct 2023 12:17

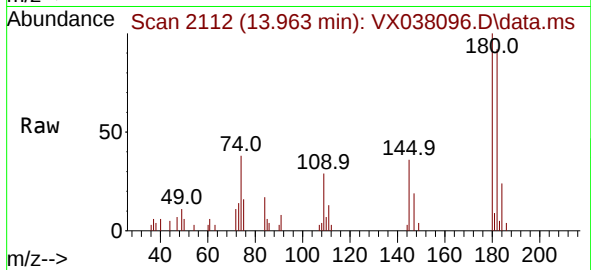
Tgt Ion:	128	Resp:	8650
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	10.6	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.291 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX038096.D
 Acq: 05 Oct 2023 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	2912
Ion Ratio	Lower	Upper	
180	100		
182	100.5	46.9	140.6
145	32.8	17.8	53.5

