

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
 Data File : VX048235.D
 Acq On : 20 Oct 2025 13:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 25 03:37:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	68207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	133784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	141173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	72999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	55490	58.025	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	116.060%	
35) Dibromofluoromethane	5.373	113	46373	50.773	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.540%	
50) Toluene-d8	8.634	98	168196	52.539	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	105.080%	
62) 4-Bromofluorobenzene	11.061	95	72231	59.309	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	118.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	281	0.401	ug/l	88
3) Chloromethane	1.306	50	416	0.636	ug/l #	42
4) Vinyl Chloride	1.379	62	246	0.406	ug/l #	87
5) Bromomethane	1.629	94	625	1.520	ug/l	90
7) Trichlorofluoromethane	1.898	101	415	0.357	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.337	101	453	0.615	ug/l #	85
10) Methyl Iodide	2.471	142	1670	1.805	ug/l #	94
11) Tert butyl alcohol	2.946	59	642	6.761	ug/l #	72
12) 1,1-Dichloroethene	2.324	96	208	0.290	ug/l	84
13) Acrolein	2.245	56	243	2.509	ug/l #	82
14) Allyl chloride	2.684	41	339	0.285	ug/l #	66
15) Acrylonitrile	3.068	53	953	2.783	ug/l #	84
16) Acetone	2.379	43	688	2.097	ug/l #	69
17) Carbon Disulfide	2.519	76	4696	2.081	ug/l	96
18) Methyl Acetate	2.702	43	532	0.776	ug/l #	63
20) Methylene Chloride	2.800	84	280	0.350	ug/l #	54
21) trans-1,2-Dichloroethene	3.105	96	612	0.778	ug/l #	58
23) Vinyl Acetate	3.733	43	575	0.304	ug/l #	73
25) 2-Butanone	4.544	43	274	0.660	ug/l #	50
27) cis-1,2-Dichloroethene	4.495	96	259	0.282	ug/l	50
29) Tetrahydrofuran	5.019	42	249	1.001	ug/l #	43
31) Cyclohexane	5.452	56	599	0.505	ug/l #	78
36) 1,1-Dichloropropene	5.690	75	489	0.377	ug/l #	57
39) Methylcyclohexane	7.366	83	1213	0.791	ug/l	89
42) 1,2-Dichloroethane	6.074	62	352	0.253	ug/l #	76
44) Trichloroethene	7.128	130	435	0.437	ug/l	83
46) Dibromomethane	7.580	93	205	0.294	ug/l #	75
49) 1,4-Dioxane	7.671	88	78	6.620	ug/l #	34
51) 4-Methyl-2-Pentanone	8.567	43	806	0.791	ug/l	99
52) Toluene	8.707	92	704	0.294	ug/l	89
53) t-1,3-Dichloropropene	8.976	75	418	0.288	ug/l #	59
58) 2-Chloroethyl Vinyl ether	8.250	63	315	2.144	ug/l #	71
59) 2-Hexanone	9.433	43	640	0.901	ug/l	97
61) 1,2-Dibromoethane	9.604	107	254	0.268	ug/l #	62
64) Tetrachloroethene	9.262	164	832	0.789	ug/l #	80
65) Chlorobenzene	10.067	112	1210	0.381	ug/l	95

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

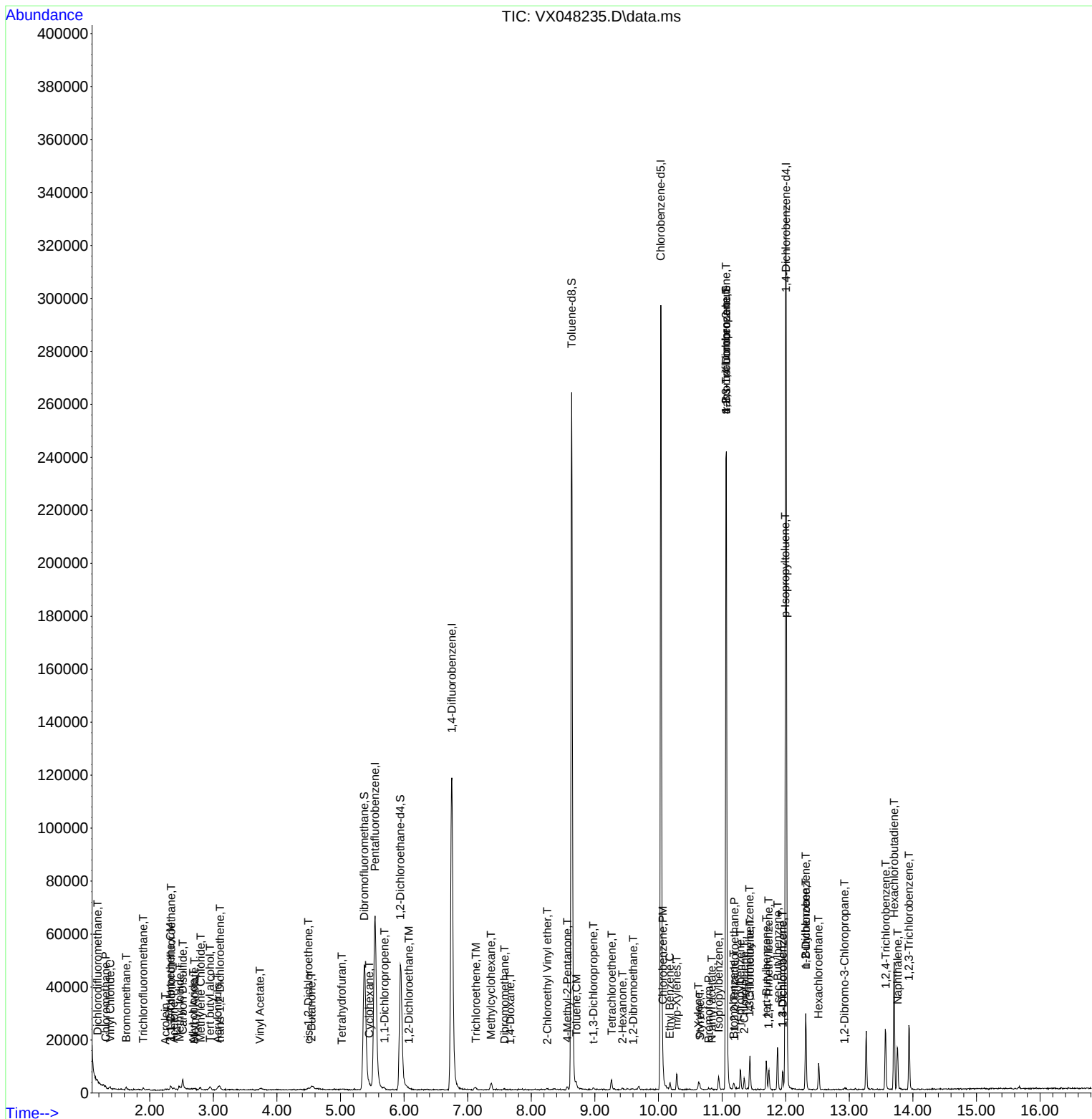
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

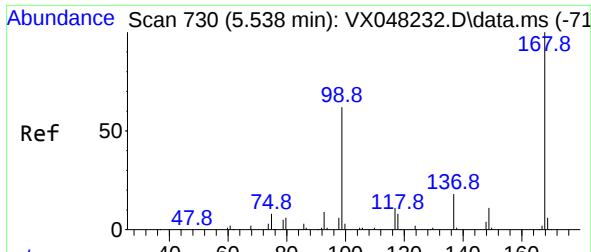
Quant Time: Oct 25 03:37:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.177	91	1853	0.343	ug/l #	88
68) m/p-Xylenes	10.286	106	1562	0.778	ug/l	95
69) o-Xylene	10.628	106	629	0.324	ug/l	86
70) Styrene	10.652	104	1179	0.357	ug/l #	83
71) Bromoform	10.786	173	221	0.237	ug/l #	91
73) Isopropylbenzene	10.945	105	2744	0.515	ug/l	95
74) N-ethyl acetate	10.835	43	415	0.219	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	11.195	83	325	0.223	ug/l #	91
76) 1,2,3-Trichloropropane	11.061	75	38028	32.124	ug/l #	33
77) Bromobenzene	11.183	156	586	0.438	ug/l	92
78) n-propylbenzene	11.286	91	5316	0.861	ug/l	99
79) 2-Chlorotoluene	11.347	91	2193	0.586	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	3945	0.894	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.061	75	38028	78.155	ug/l #	10
82) 4-Chlorotoluene	11.439	91	3141	0.707	ug/l	94
83) tert-Butylbenzene	11.695	119	4256	0.939	ug/l	87
84) 1,2,4-Trimethylbenzene	11.731	105	3681	0.836	ug/l	99
85) sec-Butylbenzene	11.871	105	8748	1.604	ug/l	96
86) p-Isopropyltoluene	11.993	119	7922	1.680	ug/l	90
87) 1,3-Dichlorobenzene	11.951	146	2500	0.992	ug/l	95
88) 1,4-Dichlorobenzene	11.951	146	2500	0.958	ug/l	94
89) n-Butylbenzene	12.317	91	11186	2.607	ug/l	98
90) Hexachloroethane	12.518	117	1712	1.839	ug/l	87
91) 1,2-Dichlorobenzene	12.317	146	1897	0.802	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.926	75	188	0.636	ug/l	77
93) 1,2,4-Trichlorobenzene	13.572	180	5845	3.653	ug/l	96
94) Hexachlorobutadiene	13.707	225	7004	11.731	ug/l	97
95) Naphthalene	13.761	128	11793	2.782	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	5914	4.027	ug/l	96

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

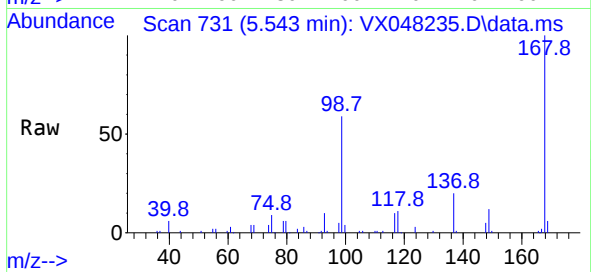
Quant Time: Oct 25 03:37:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
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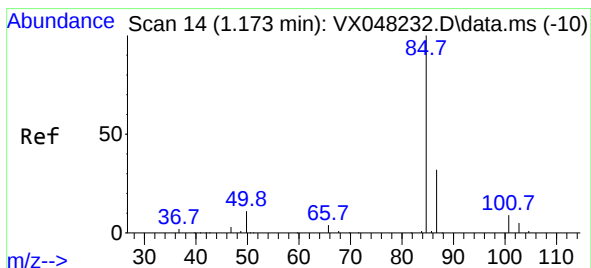
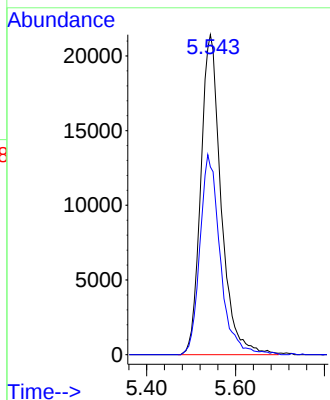
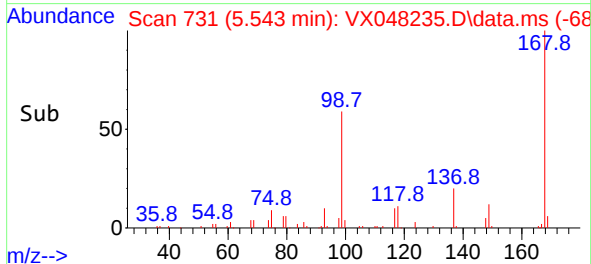


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

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MSVOA_X
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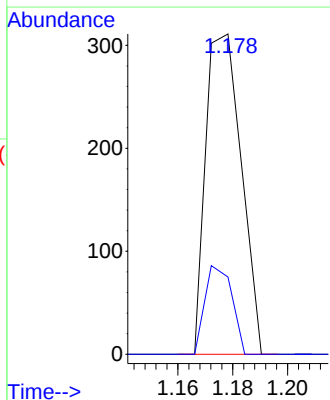
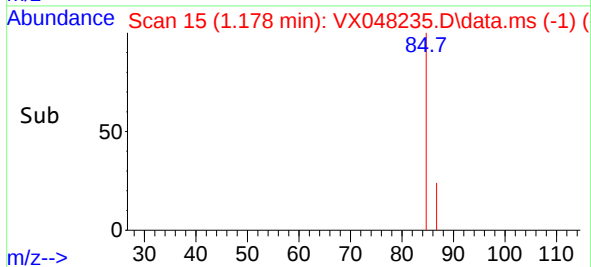
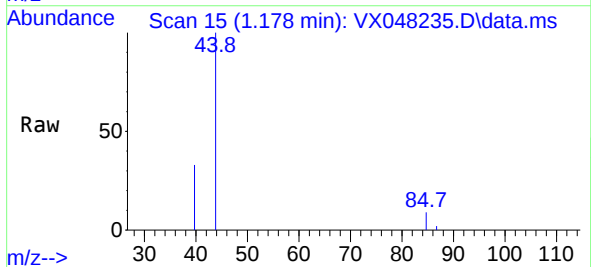


Tgt Ion:168 Resp: 68207
Ion Ratio Lower Upper
168 100
99 58.7 46.4 69.6

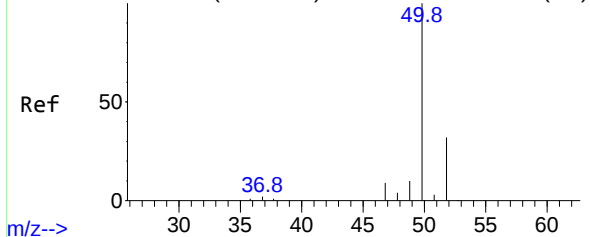


#2
Dichlorodifluoromethane
Concen: 0.401 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

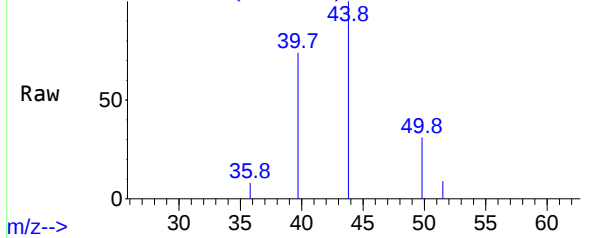
Tgt Ion: 85 Resp: 281
Ion Ratio Lower Upper
85 100
87 24.1 15.3 45.9



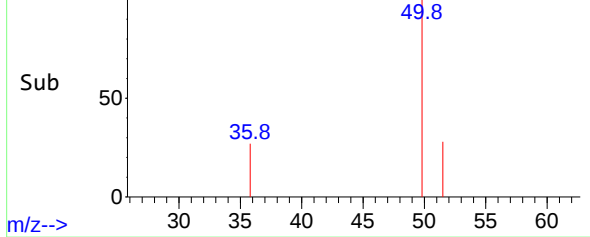
Abundance Scan 35 (1.301 min): VX048232.D\data.ms (-30)



Abundance Scan 36 (1.306 min): VX048235.D\data.ms



Abundance Scan 36 (1.306 min): VX048235.D\data.ms (-1)



#3

Chloromethane

Concen: 0.636 ug/l

RT: 1.306 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

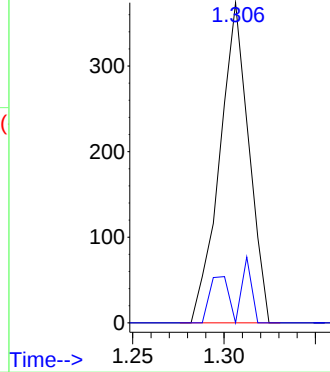
Tgt Ion: 50 Resp: 416

Ion Ratio Lower Upper

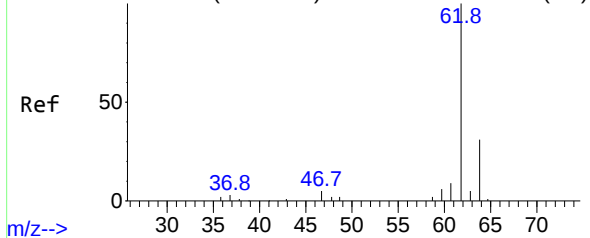
50 100

52 0.0 25.9 38.9#

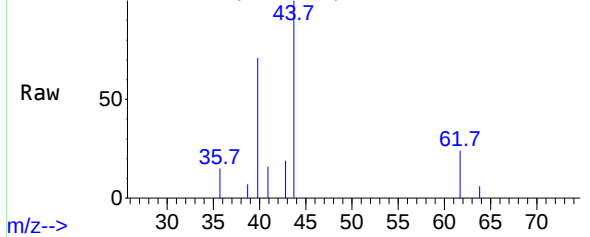
Abundance



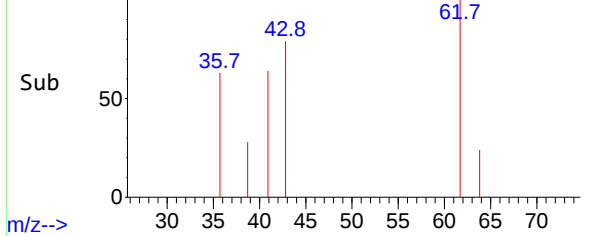
Abundance Scan 48 (1.380 min): VX048232.D\data.ms (-43)



Abundance Scan 48 (1.379 min): VX048235.D\data.ms



Abundance Scan 48 (1.379 min): VX048235.D\data.ms (-1)



#4

Vinyl Chloride

Concen: 0.406 ug/l

RT: 1.379 min Scan# 48

Delta R.T. -0.000 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

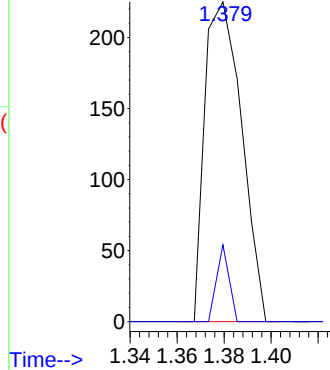
Tgt Ion: 62 Resp: 246

Ion Ratio Lower Upper

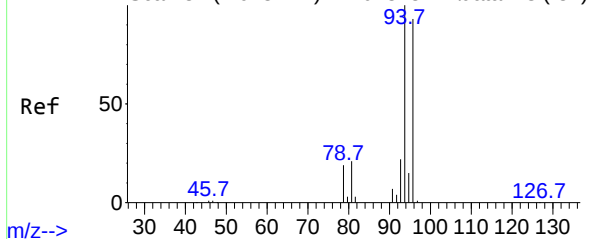
62 100

64 24.0 25.1 37.7#

Abundance



Abundance Scan 87 (1.618 min): VX048232.D\data.ms (-81)



#5

Bromomethane

Concen: 1.520 ug/l

RT: 1.629 min Scan# 89

Delta R.T. 0.012 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

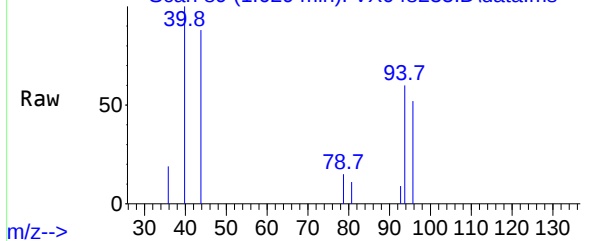
Tgt Ion: 94 Resp: 625

Ion Ratio Lower Upper

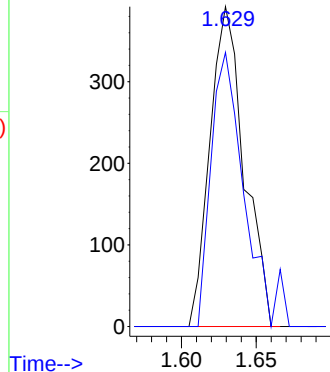
94 100

96 85.7 76.0 114.0

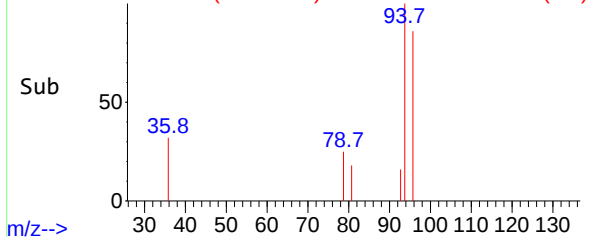
Abundance Scan 89 (1.629 min): VX048235.D\data.ms



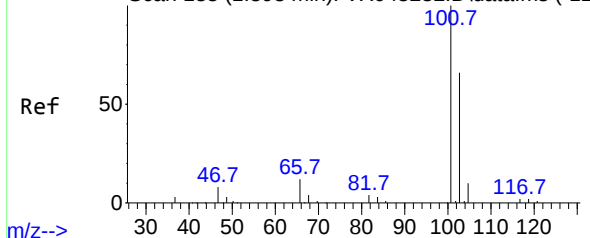
Abundance



Abundance Scan 89 (1.629 min): VX048235.D\data.ms (-38)



Abundance Scan 133 (1.898 min): VX048232.D\data.ms (-12)



#7

Trichlorofluoromethane

Concen: 0.357 ug/l

RT: 1.898 min Scan# 133

Delta R.T. -0.000 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

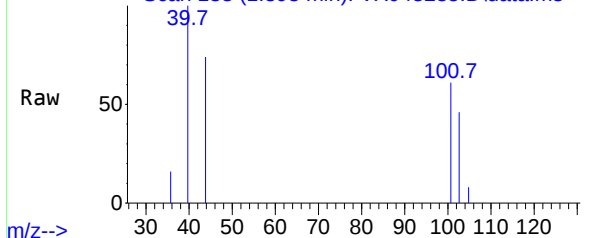
Tgt Ion:101 Resp: 415

Ion Ratio Lower Upper

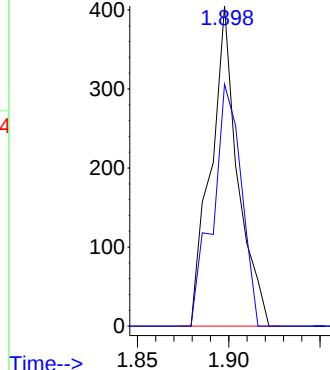
101 100

103 75.6 51.6 77.4

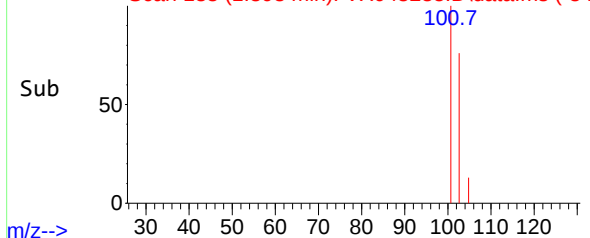
Abundance Scan 133 (1.898 min): VX048235.D\data.ms

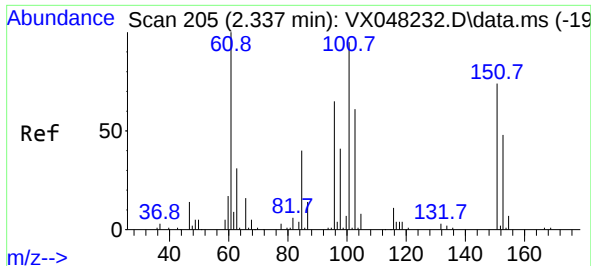


Abundance



Abundance Scan 133 (1.898 min): VX048235.D\data.ms (-84)

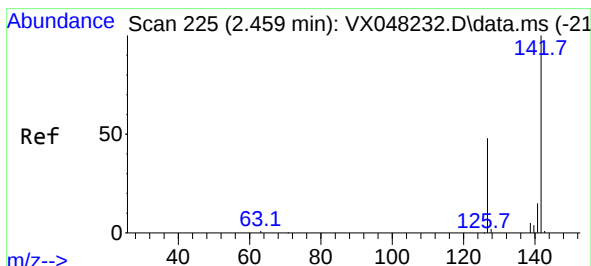
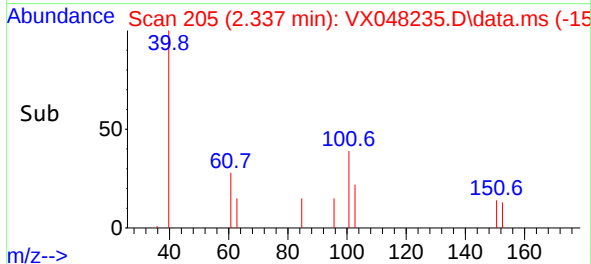
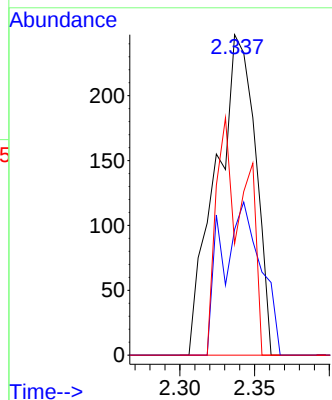
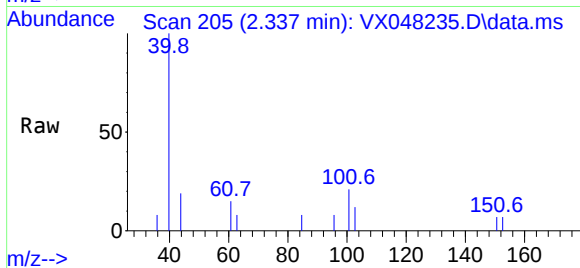




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.615 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

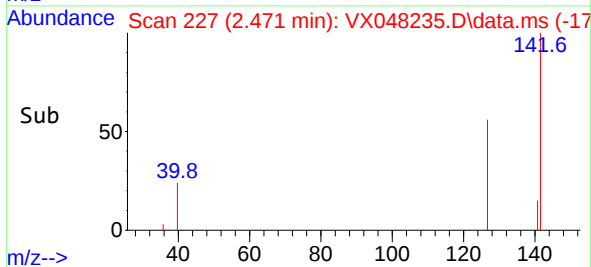
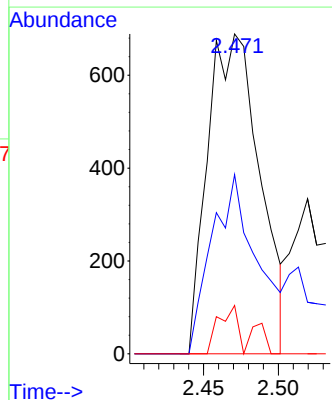
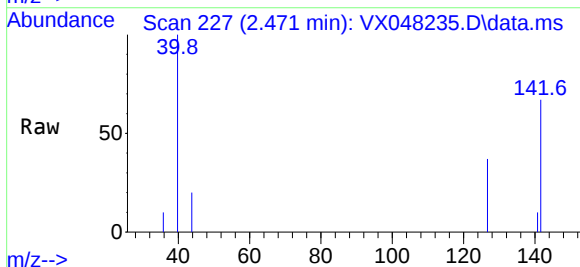
Instrument :
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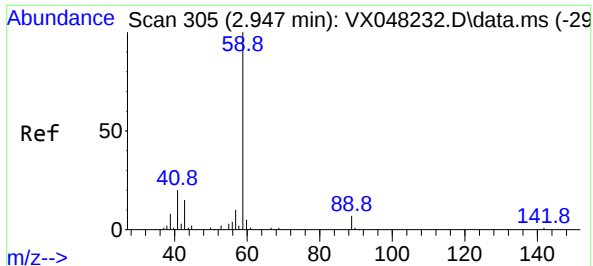
Tgt Ion:101 Resp: 453
Ion Ratio Lower Upper
101 100
85 47.2 35.6 53.4
151 54.5 58.0 87.0#



#10
Methyl Iodide
Concen: 1.805 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:142 Resp: 1670
Ion Ratio Lower Upper
142 100
127 48.9 38.5 57.7
141 5.6 11.6 17.4#





#11

Tert butyl alcohol

Concen: 6.761 ug/l

RT: 2.946 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

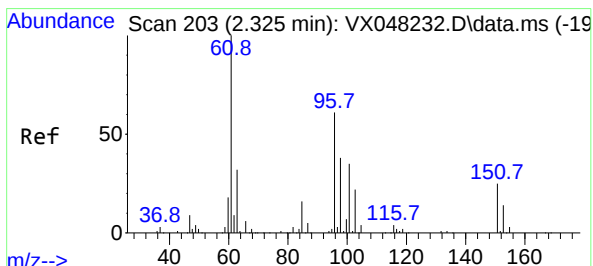
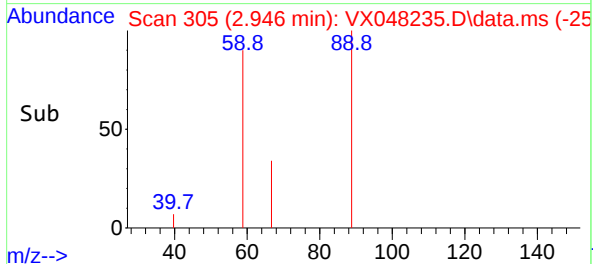
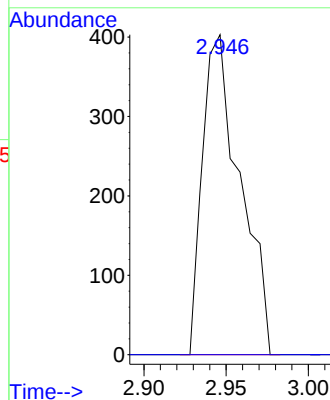
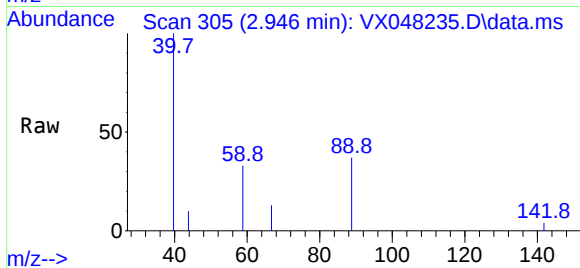
IBLK

Tgt Ion: 59 Resp: 642

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.290 ug/l

RT: 2.324 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

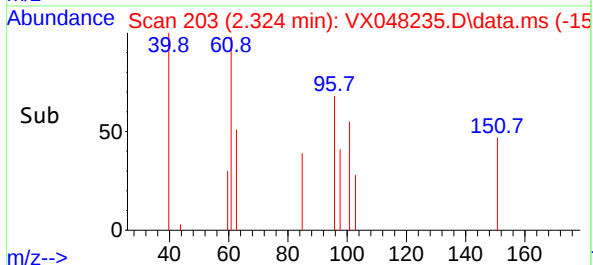
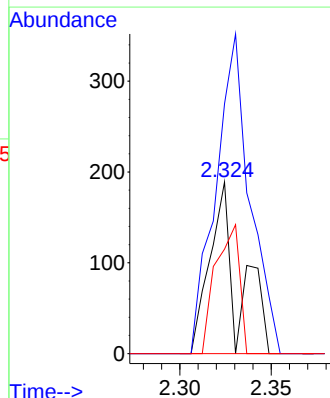
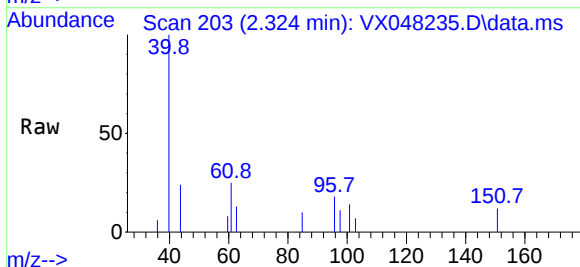
Tgt Ion: 96 Resp: 208

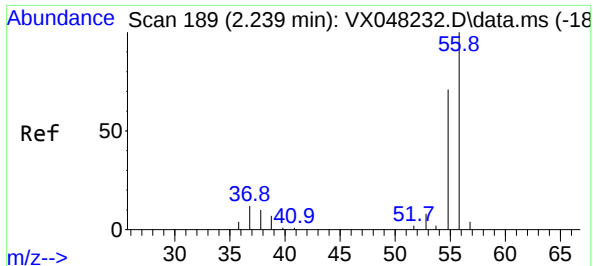
Ion Ratio Lower Upper

96 100

61 145.5 139.0 208.6

98 60.8 52.4 78.6

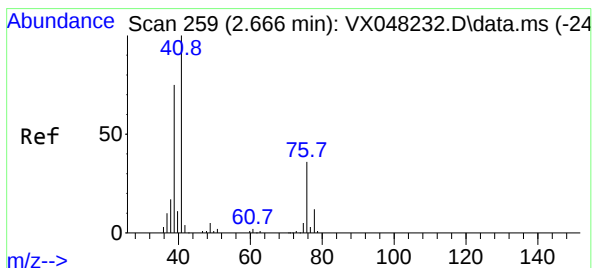
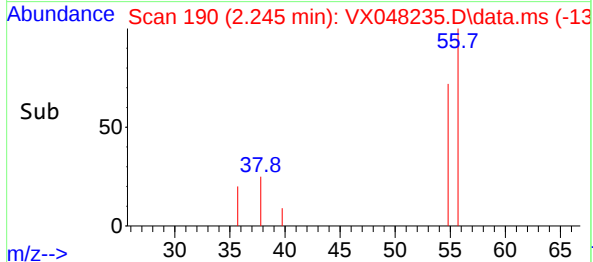
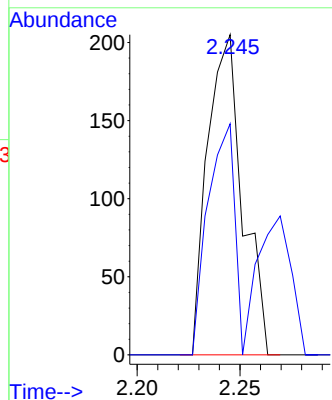
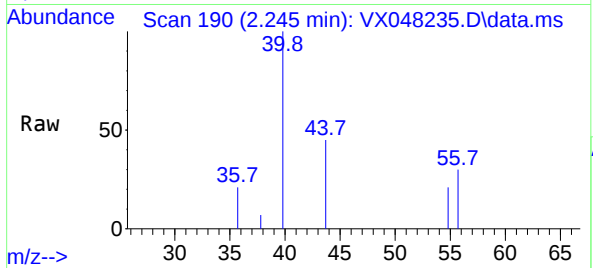




#13
Acrolein
Concen: 2.509 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

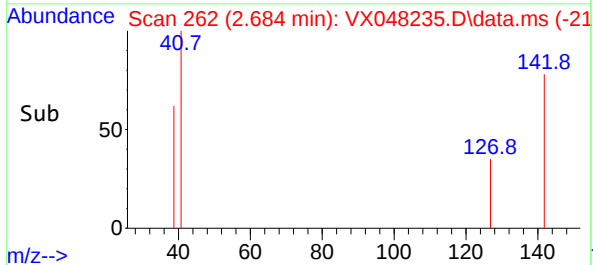
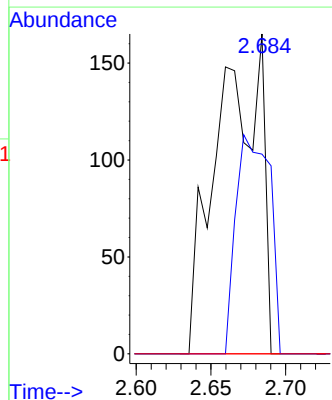
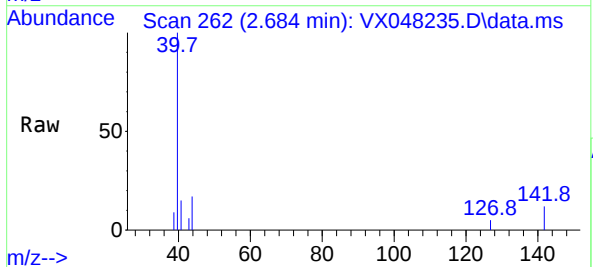
Instrument : MSVOA_X
ClientSampleId : IBLK

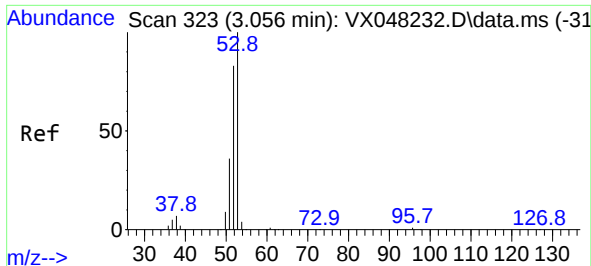
Tgt Ion: 56 Resp: 243
Ion Ratio Lower Upper
56 100
55 55.1 56.1 84.1#



#14
Allyl chloride
Concen: 0.285 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.018 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 41 Resp: 339
Ion Ratio Lower Upper
41 100
39 52.5 56.0 84.0#
76 0.0 27.5 41.3#

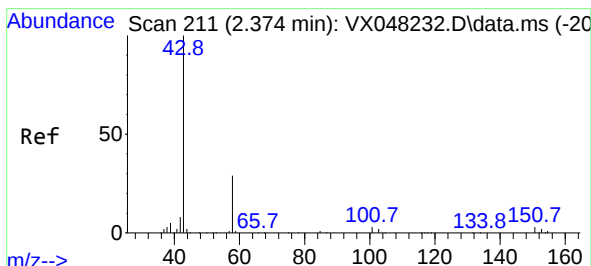
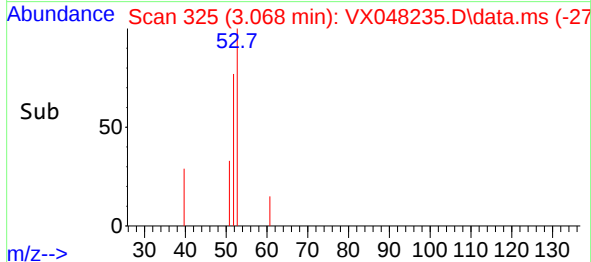
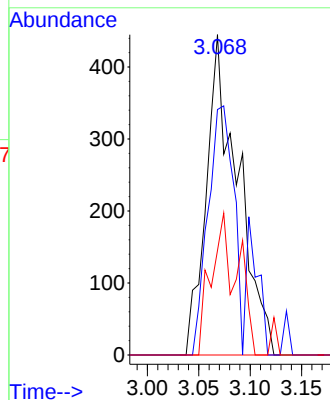
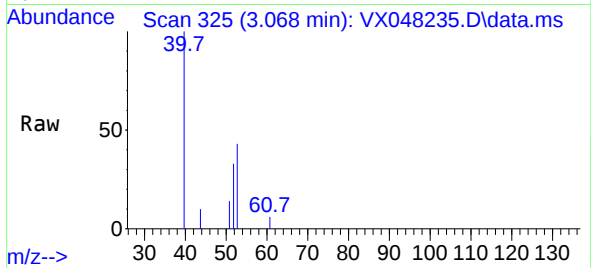




#15
Acrylonitrile
Concen: 2.783 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

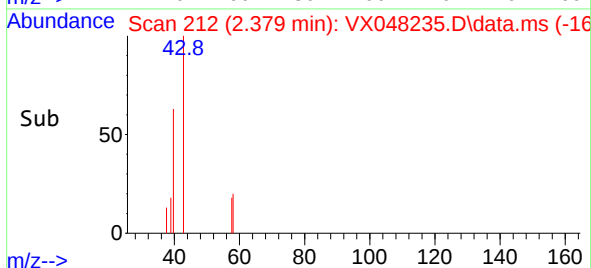
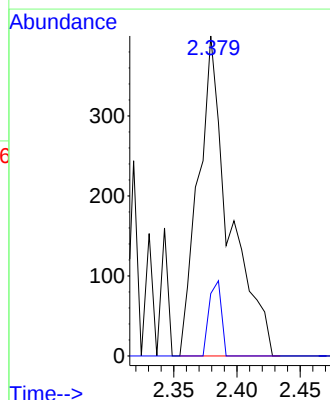
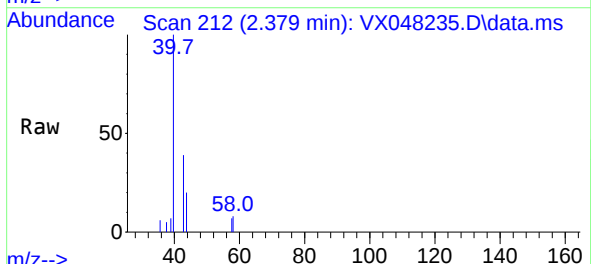
Instrument :
MSVOA_X
ClientSampleId :
IBLK

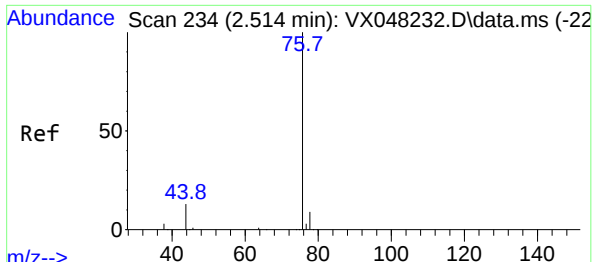
Tgt Ion: 53 Resp: 953
Ion Ratio Lower Upper
53 100
52 62.9 66.1 99.1#
51 37.1 29.0 43.4



#16
Acetone
Concen: 2.097 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
58 12.9 23.4 35.2#

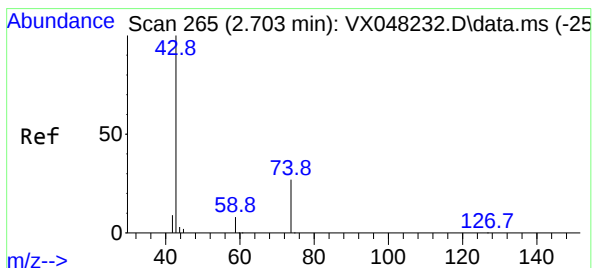
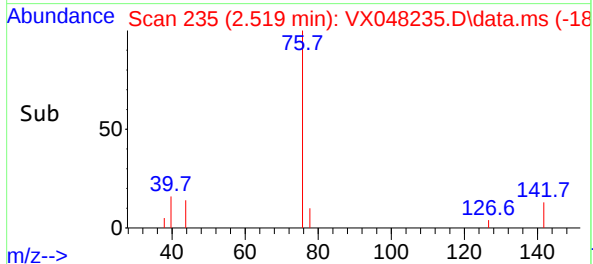
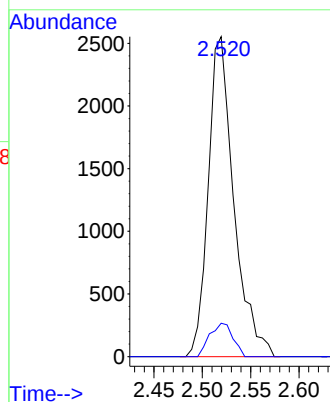
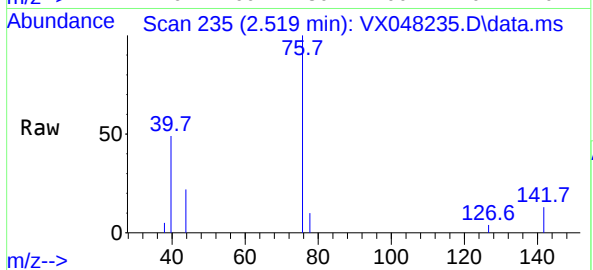




#17
Carbon Disulfide
Concen: 2.081 ug/l
RT: 2.519 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

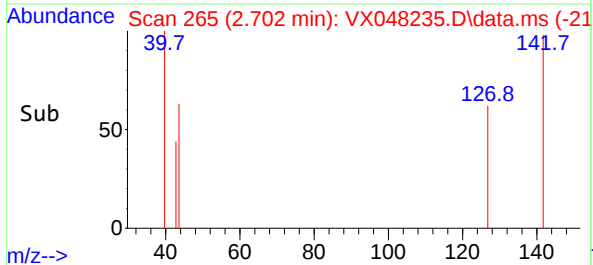
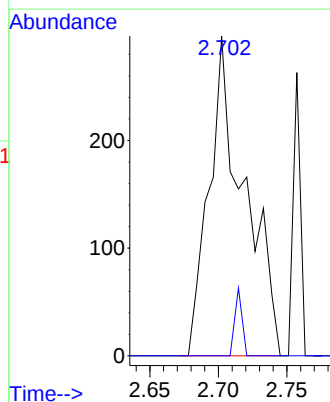
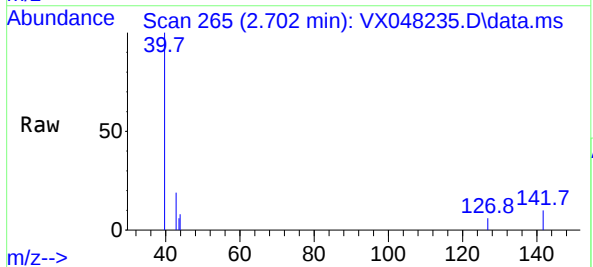
Instrument :
MSVOA_X
ClientSampleId :
IBLK

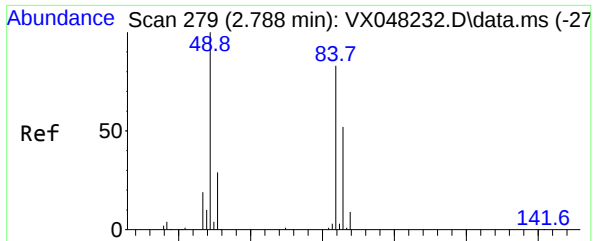
Tgt Ion: 76 Resp: 4696
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7



#18
Methyl Acetate
Concen: 0.776 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 43 Resp: 532
Ion Ratio Lower Upper
43 100
74 4.3 17.5 26.3#

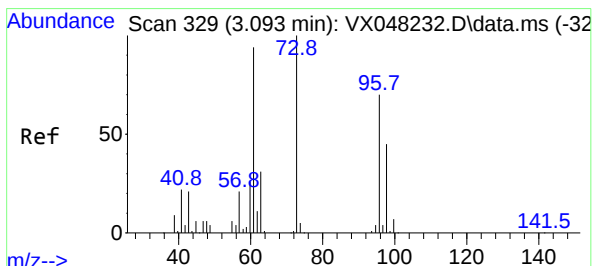
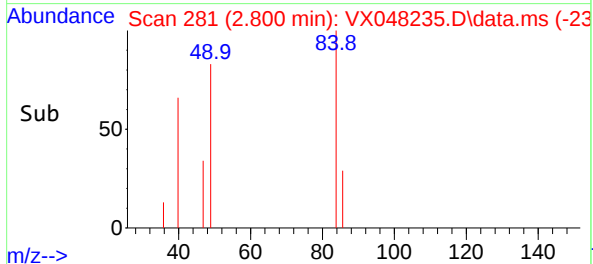
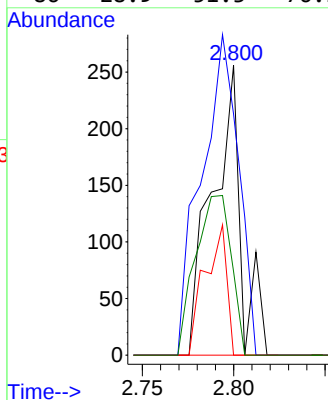
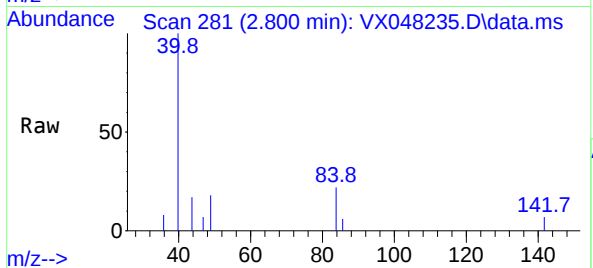




#20
Methylene Chloride
Concen: 0.350 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

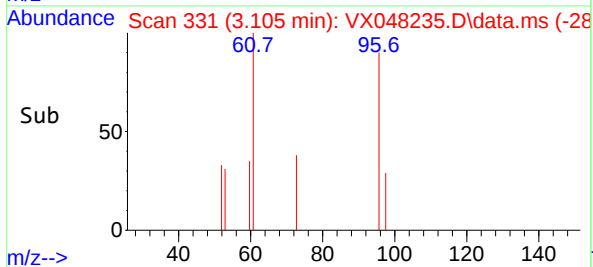
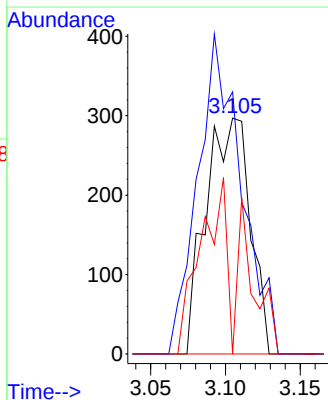
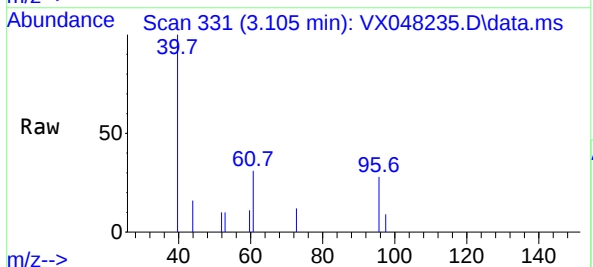
Instrument :
MSVOA_X
ClientSampleId :
IBLK

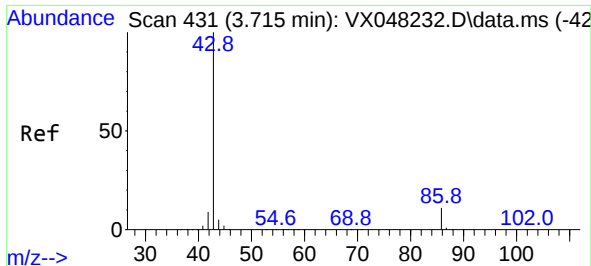
Tgt Ion: 84 Resp: 280
Ion Ratio Lower Upper
84 100
49 83.2 104.1 156.1#
51 0.0 31.3 46.9#
86 28.9 51.3 76.9#



#21
trans-1,2-Dichloroethene
Concen: 0.778 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 96 Resp: 612
Ion Ratio Lower Upper
96 100
61 111.1 111.9 167.9#
98 0.0 51.2 76.8#

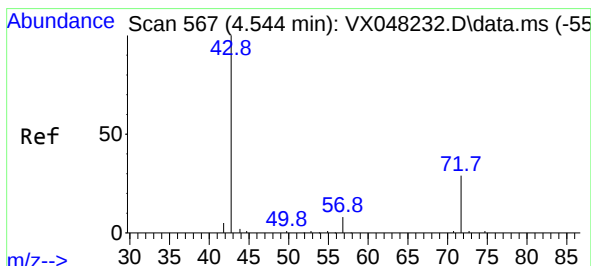
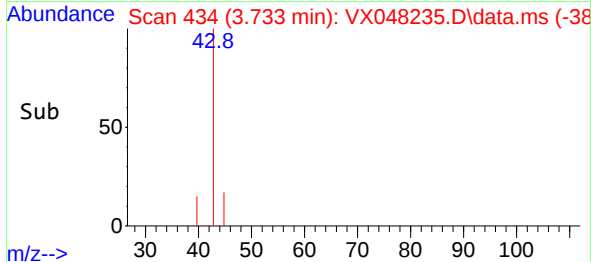
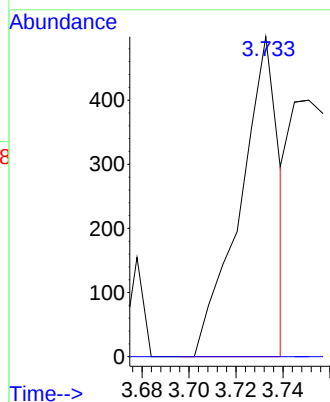
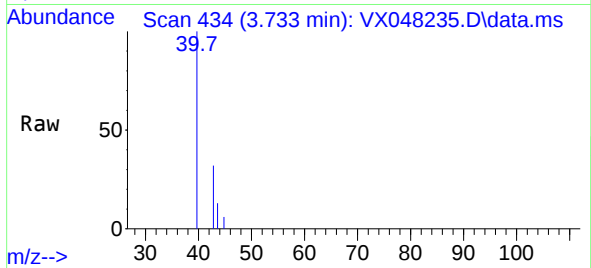




#23
Vinyl Acetate
Concen: 0.304 ug/l
RT: 3.733 min Scan# 431
Delta R.T. 0.018 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

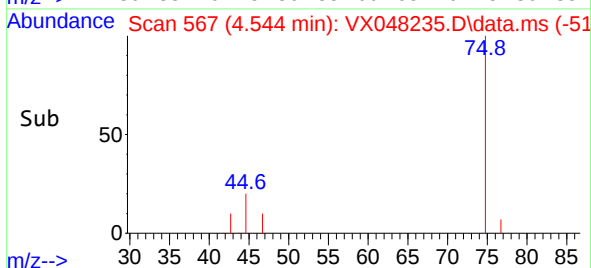
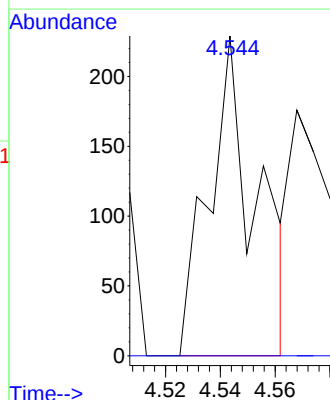
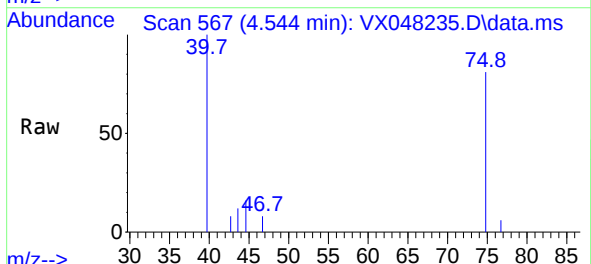
Instrument :
MSVOA_X
ClientSampleId :
IBLK

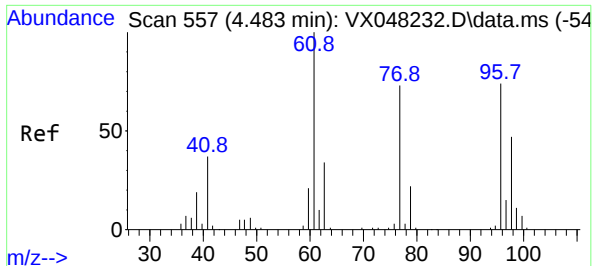
Tgt Ion: 43 Resp: 575
Ion Ratio Lower Upper
43 100
86 0.0 7.9 11.9#



#25
2-Butanone
Concen: 0.660 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#

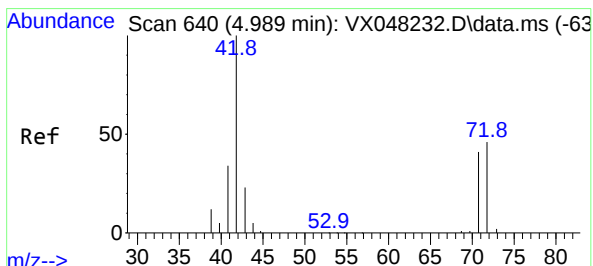
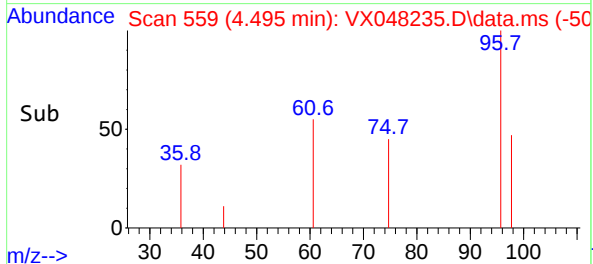
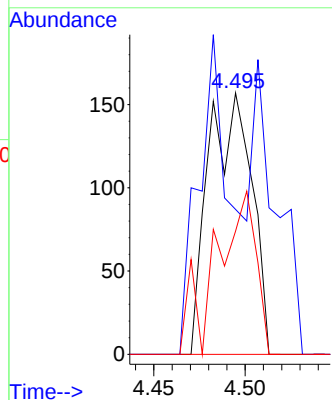
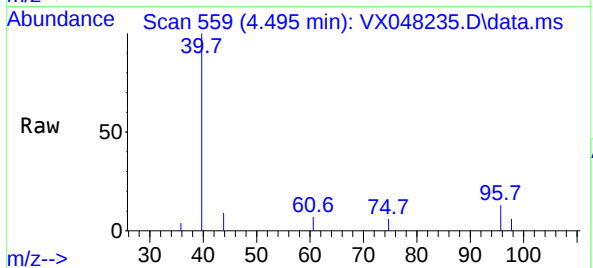




#27
 cis-1,2-Dichloroethene
 Concen: 0.282 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VX048235.D
 Acq: 20 Oct 2025 13:04

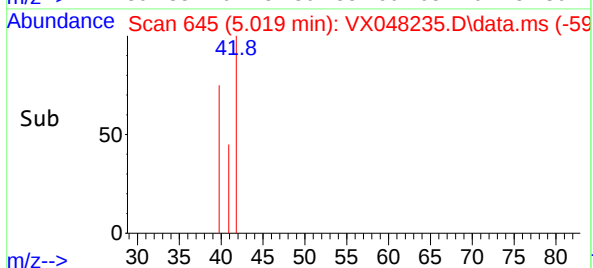
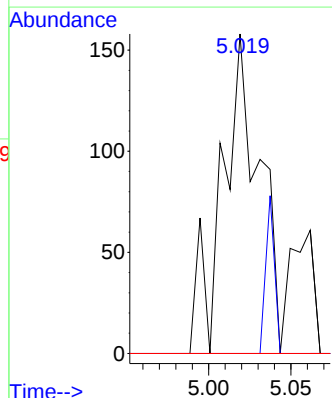
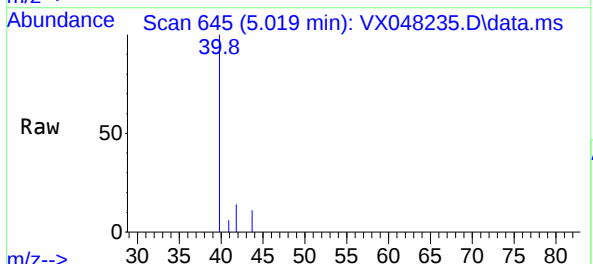
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

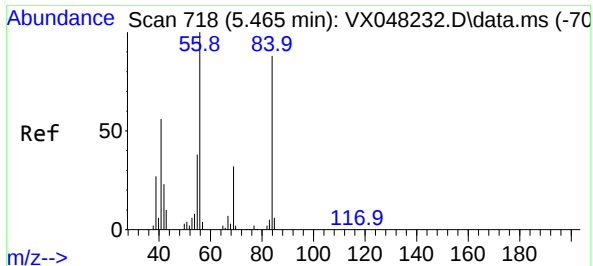
Tgt Ion:	96	Resp:	259
Ion	Ratio	Lower	Upper
96	100		
61	61.4	0.0	294.2
98	58.3	0.0	128.4



#29
 Tetrahydrofuran
 Concen: 1.001 ug/l
 RT: 5.019 min Scan# 645
 Delta R.T. 0.030 min
 Lab File: VX048235.D
 Acq: 20 Oct 2025 13:04

Tgt Ion:	42	Resp:	249
Ion	Ratio	Lower	Upper
42	100		
72	11.6	35.3	52.9#
71	0.0	32.2	48.4#

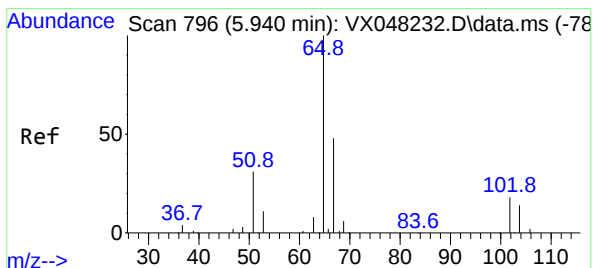
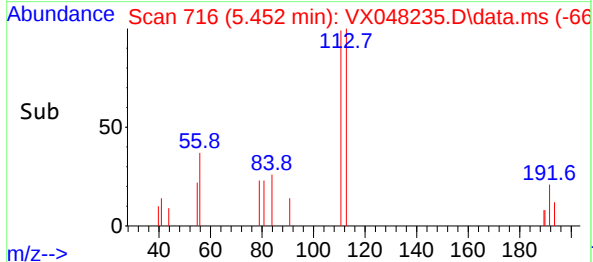
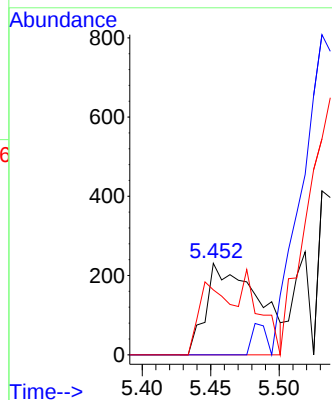
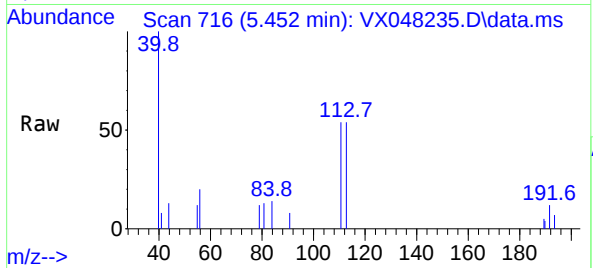




#31
Cyclohexane
Concen: 0.505 ug/l
RT: 5.452 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

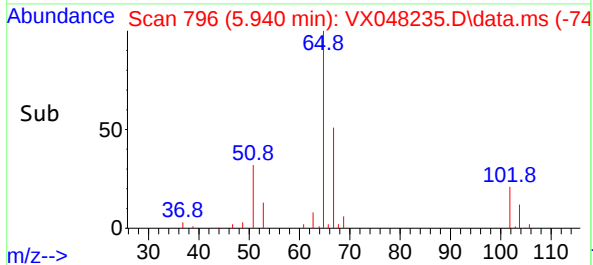
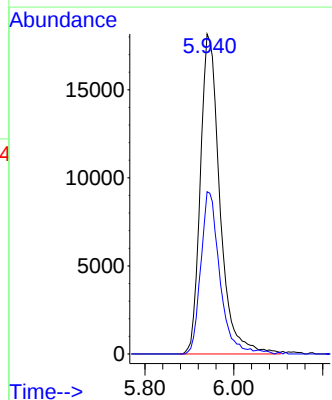
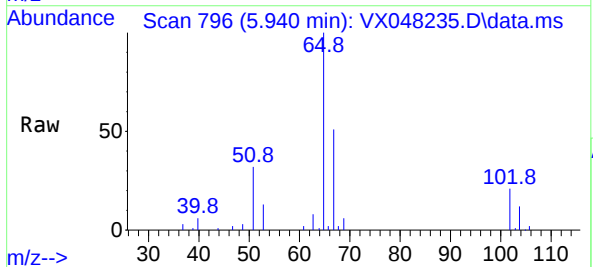
Instrument :
MSVOA_X
ClientSampleId :
IBLK

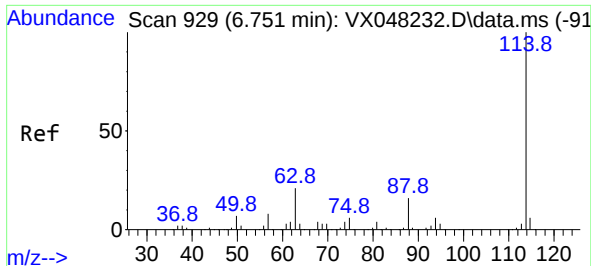
Tgt Ion: 56 Resp: 599
Ion Ratio Lower Upper
56 100
69 0.0 23.0 34.6#
84 71.0 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 58.025 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 65 Resp: 55490
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.0

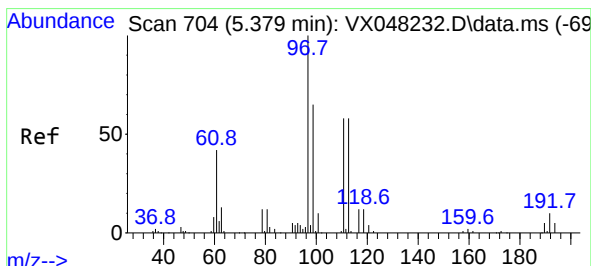
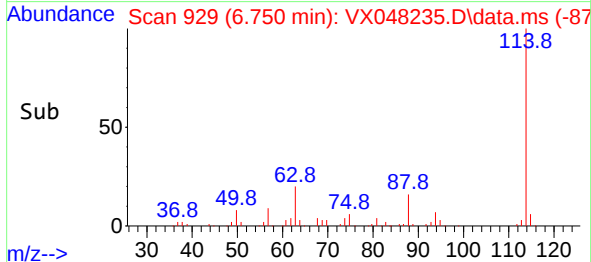
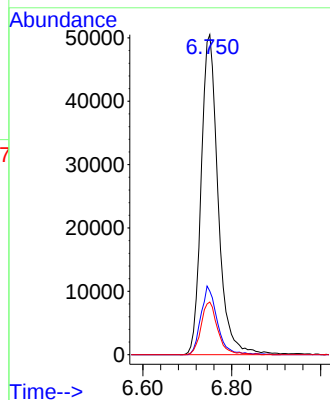
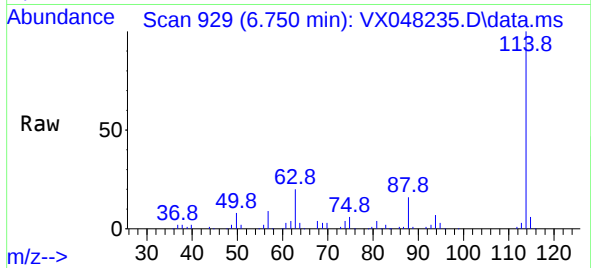




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.005 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

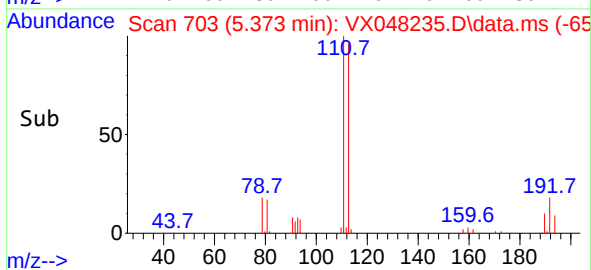
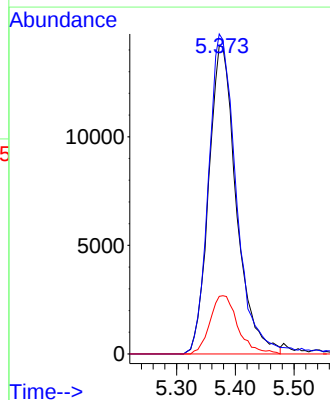
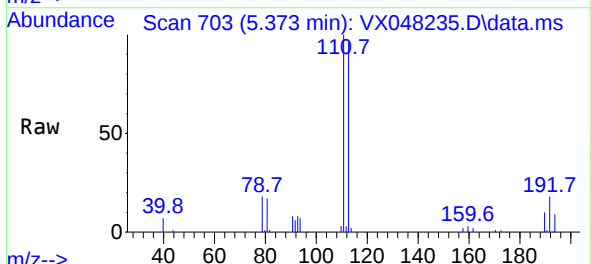
Instrument :
MSVOA_X
ClientSampleId :
IBLK

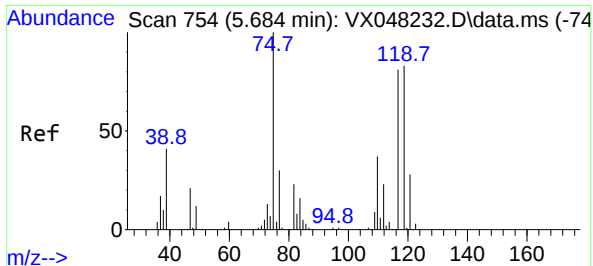
Tgt Ion:114 Resp: 133784
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.773 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:113 Resp: 46373
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 19.0 15.1 22.7





#36

1,1-Dichloropropene

Concen: 0.377 ug/l

RT: 5.690 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX048235.D

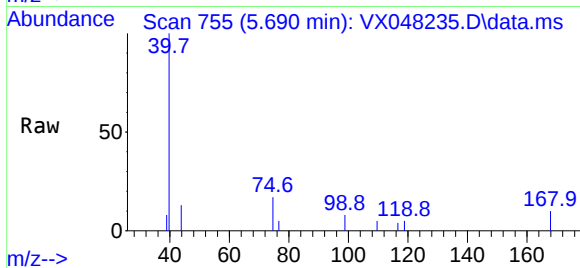
Acq: 20 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK



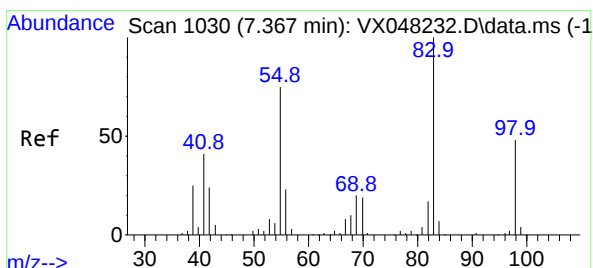
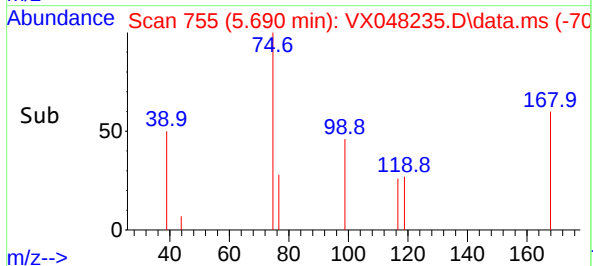
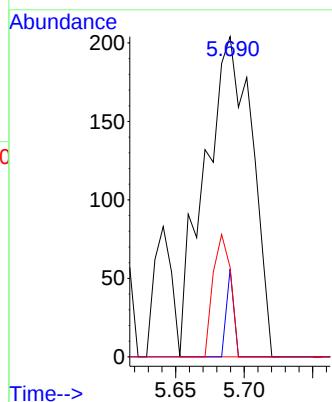
Tgt Ion: 75 Resp: 489

Ion Ratio Lower Upper

75 100

110 4.1 17.7 53.1#

77 14.1 24.3 36.5#



#39

Methylcyclohexane

Concen: 0.791 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

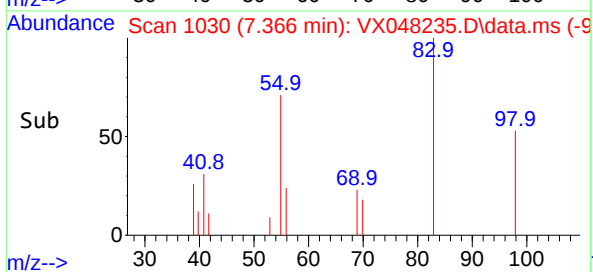
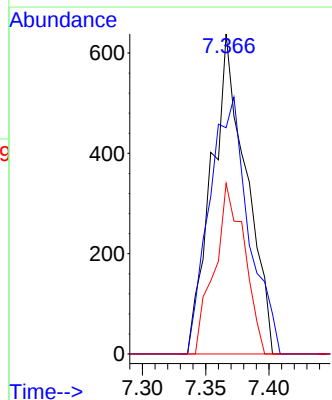
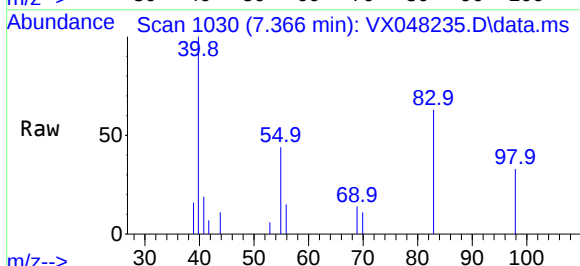
Tgt Ion: 83 Resp: 1213

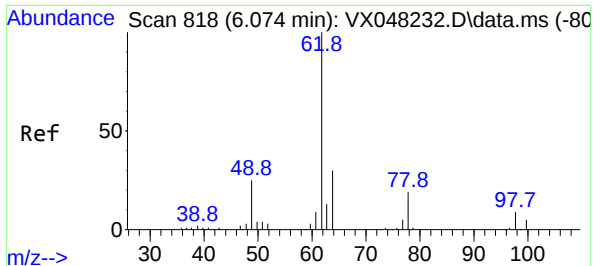
Ion Ratio Lower Upper

83 100

55 70.7 66.2 99.2

98 53.3 38.9 58.3





#42

1,2-Dichloroethane

Concen: 0.253 ug/l

RT: 6.074 min Scan# 818

Delta R.T. 0.006 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

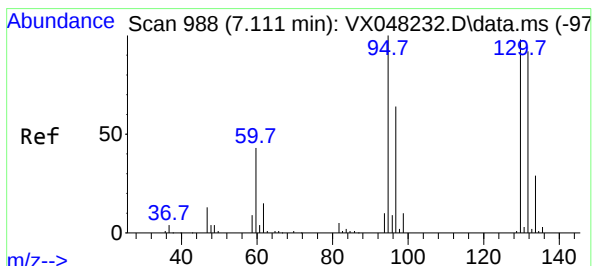
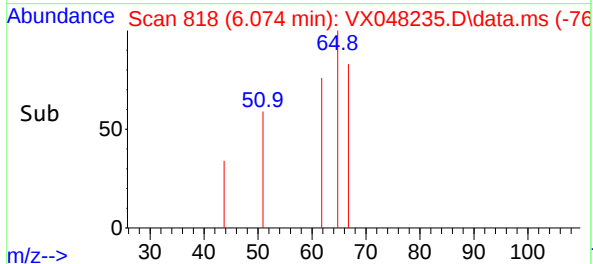
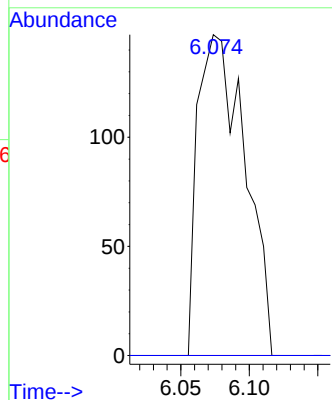
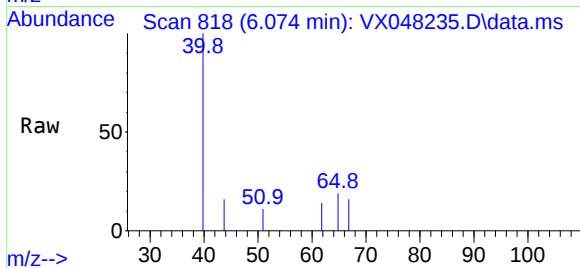
IBLK

Tgt Ion: 62 Resp: 352

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.2



#44

Trichloroethene

Concen: 0.437 ug/l

RT: 7.128 min Scan# 991

Delta R.T. 0.018 min

Lab File: VX048235.D

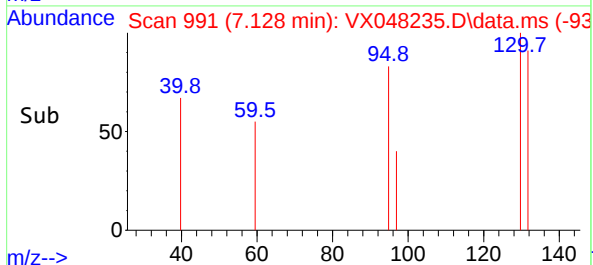
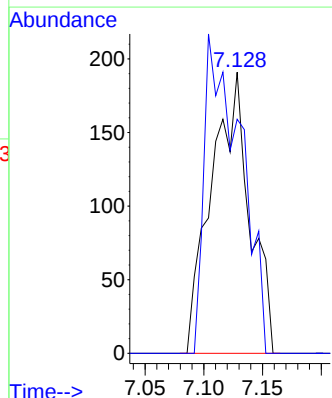
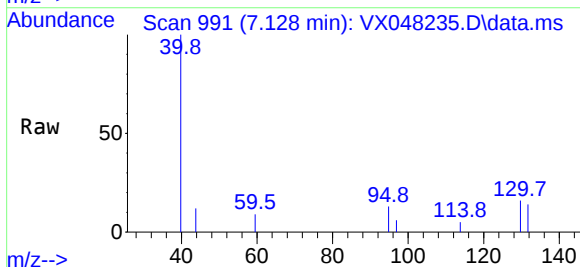
Acq: 20 Oct 2025 13:04

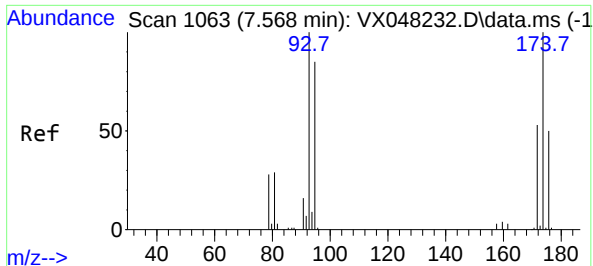
Tgt Ion:130 Resp: 435

Ion Ratio Lower Upper

130 100

95 83.2 0.0 200.6

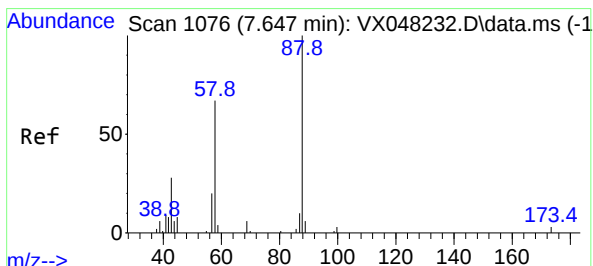
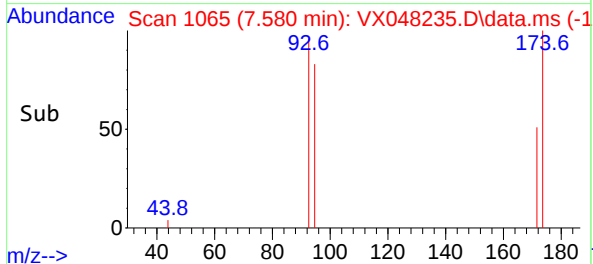
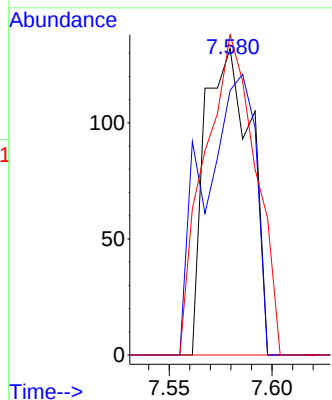
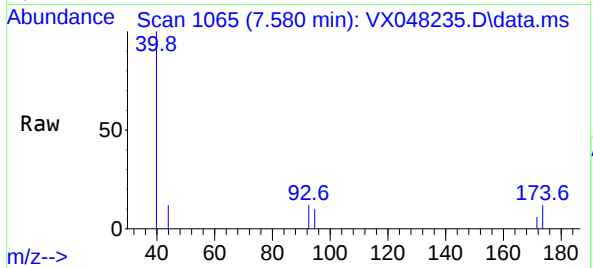




#46
Dibromomethane
Concen: 0.294 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

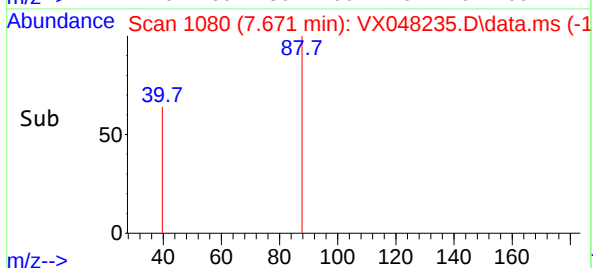
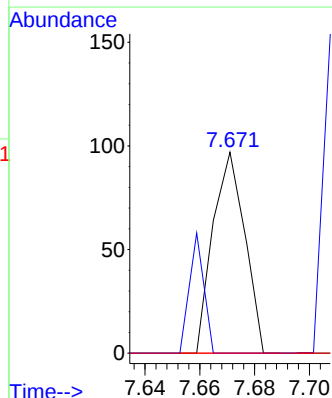
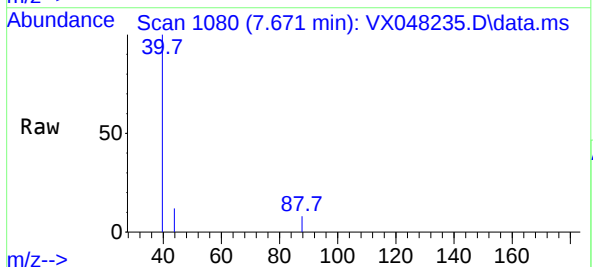
Instrument :
MSVOA_X
ClientSampleId :
IBLK

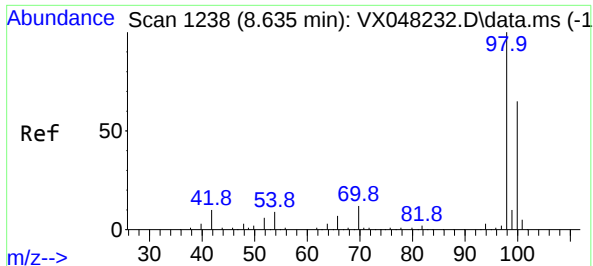
Tgt Ion: 93 Resp: 205
Ion Ratio Lower Upper
93 100
95 102.0 65.9 98.9#
174 116.1 71.7 107.5#



#49
1,4-Dioxane
Concen: 6.620 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.030 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 26.9 35.0 52.4#
58 0.0 61.9 92.9#

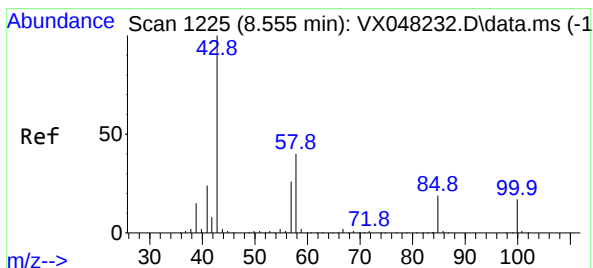
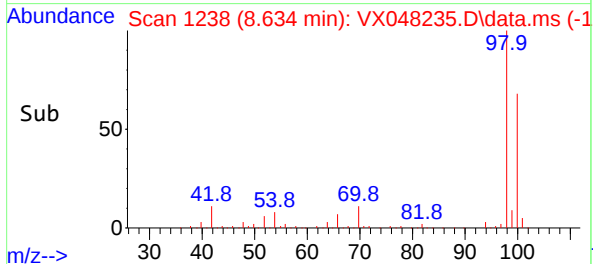
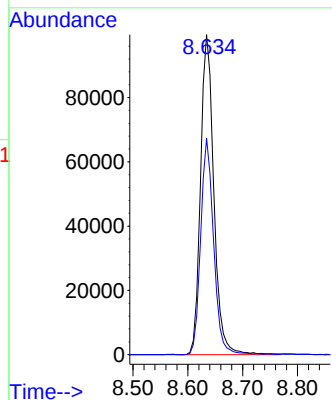
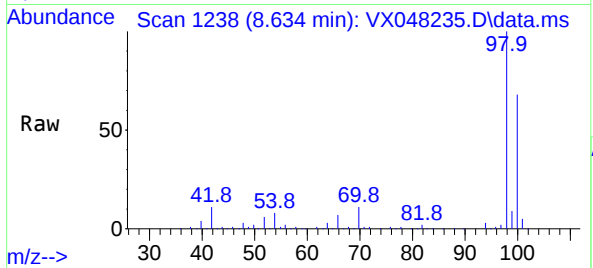




#50
Toluene-d8
Concen: 52.539 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

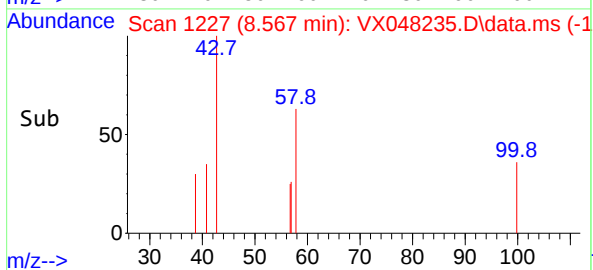
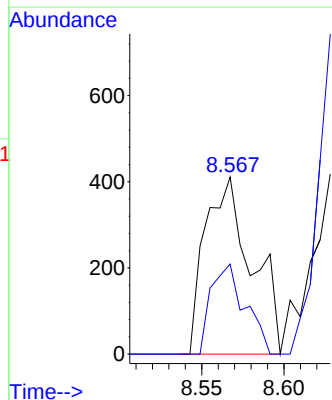
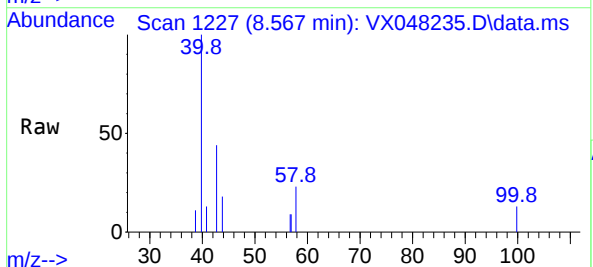
Instrument :
MSVOA_X
ClientSampleId :
IBLK

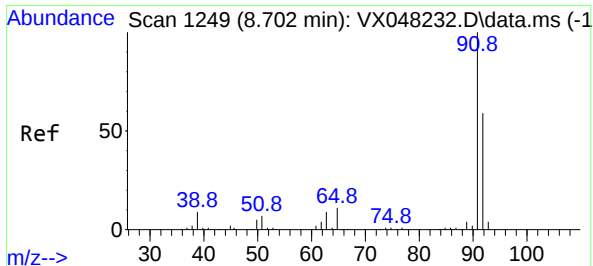
Tgt Ion: 98 Resp: 168196
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.791 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 37.3 29.5 44.3





#52

Toluene

Concen: 0.294 ug/l

RT: 8.707 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

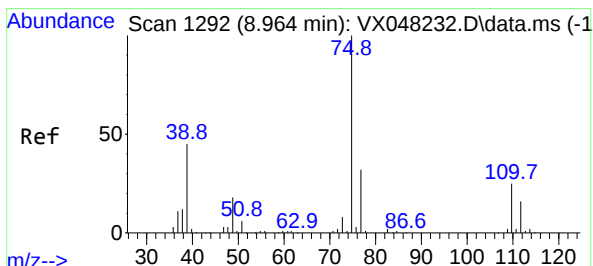
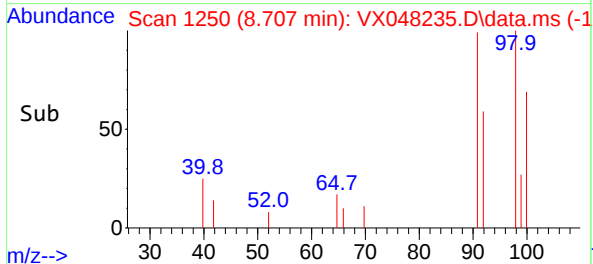
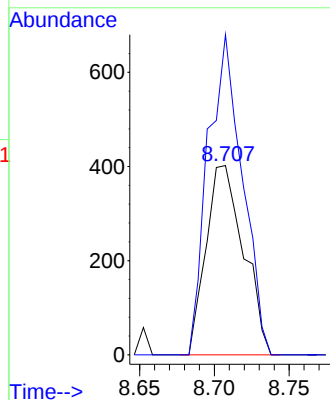
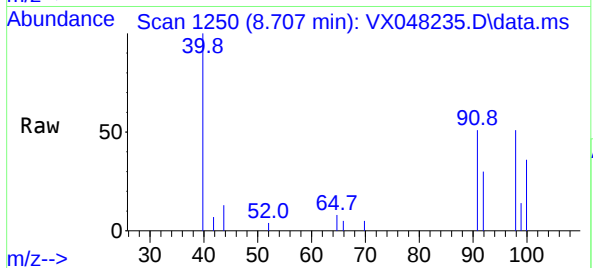
IBLK

Tgt Ion: 92 Resp: 704

Ion Ratio Lower Upper

92 100

91 154.5 136.1 204.1



#53

t-1,3-Dichloropropene

Concen: 0.288 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.012 min

Lab File: VX048235.D

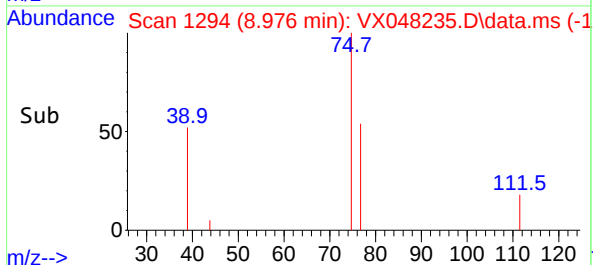
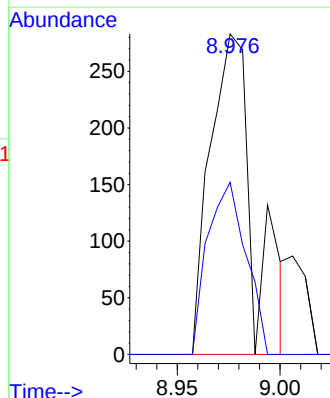
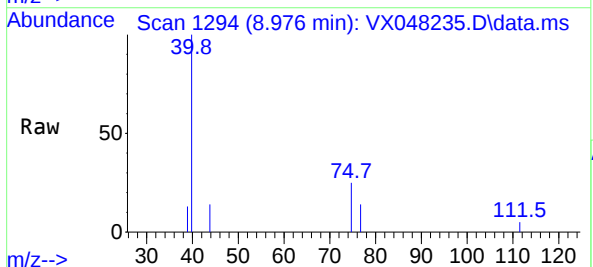
Acq: 20 Oct 2025 13:04

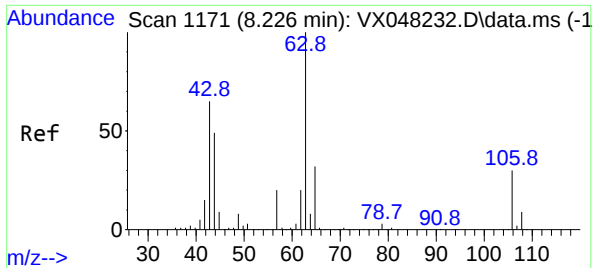
Tgt Ion: 75 Resp: 418

Ion Ratio Lower Upper

75 100

77 53.7 25.0 37.6#

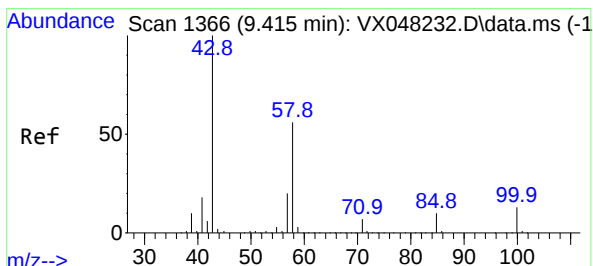
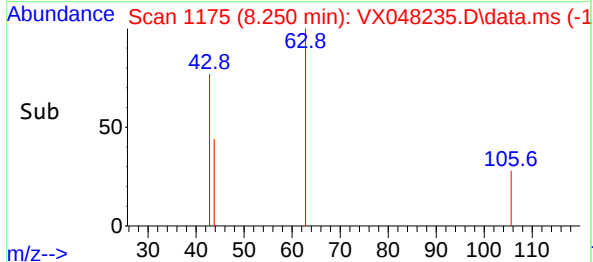
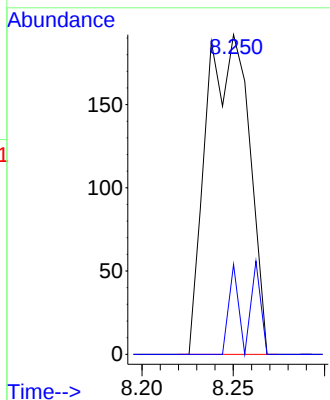
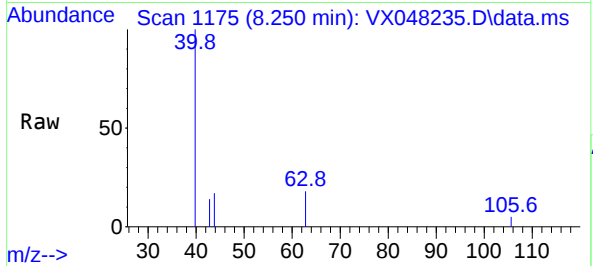




#58
2-Chloroethyl Vinyl ether
Concen: 2.144 ug/l
RT: 8.250 min Scan# 1171
Delta R.T. 0.024 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

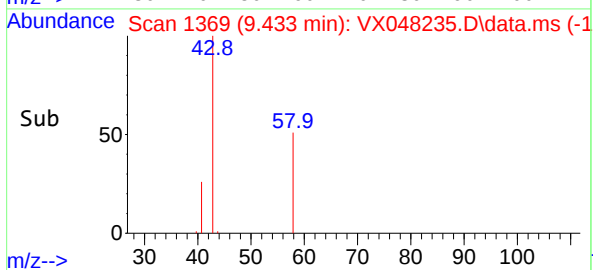
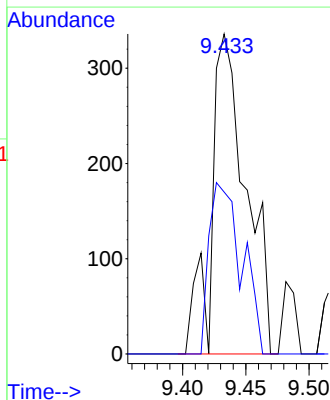
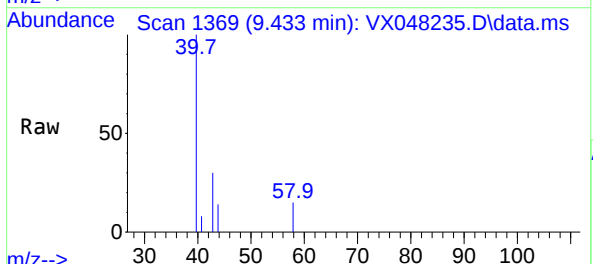
Instrument :
MSVOA_X
ClientSampleId :
IBLK

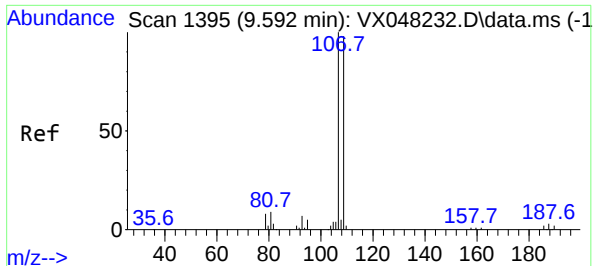
Tgt Ion: 63 Resp: 315
Ion Ratio Lower Upper
63 100
106 12.7 22.2 33.2#



#59
2-Hexanone
Concen: 0.901 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.018 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 50.3 26.3 78.8





#61

1,2-Dibromoethane

Concen: 0.268 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.012 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

Instrument :

MSVOA_X

ClientSampleId :

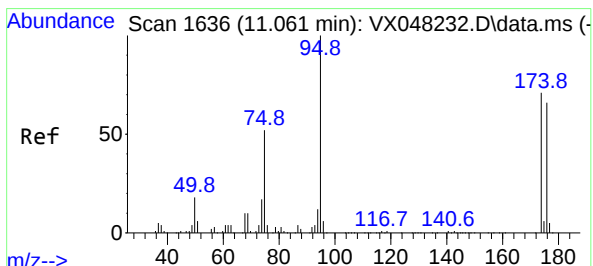
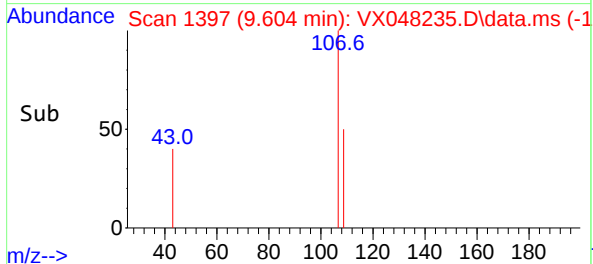
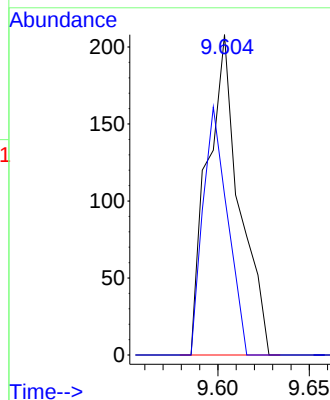
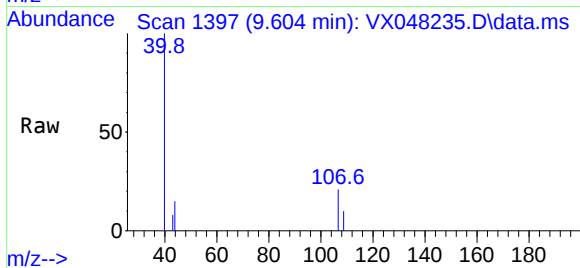
IBLK

Tgt Ion:107 Resp: 254

Ion Ratio Lower Upper

107 100

109 59.4 77.0 115.4#



#62

4-Bromofluorobenzene

Concen: 59.309 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.000 min

Lab File: VX048235.D

Acq: 20 Oct 2025 13:04

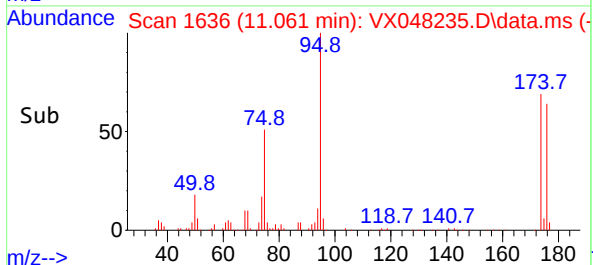
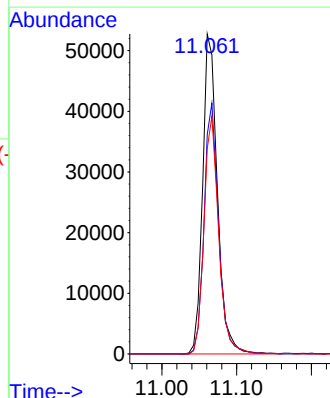
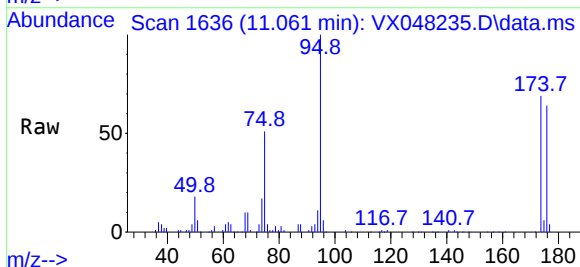
Tgt Ion: 95 Resp: 72231

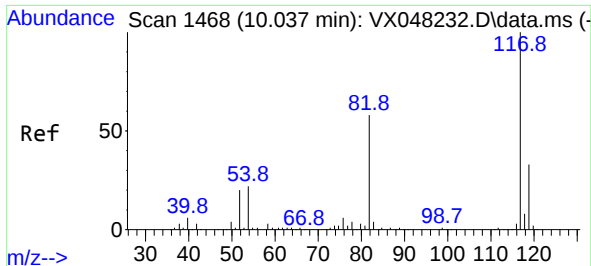
Ion Ratio Lower Upper

95 100

174 77.3 0.0 147.8

176 73.9 0.0 142.8

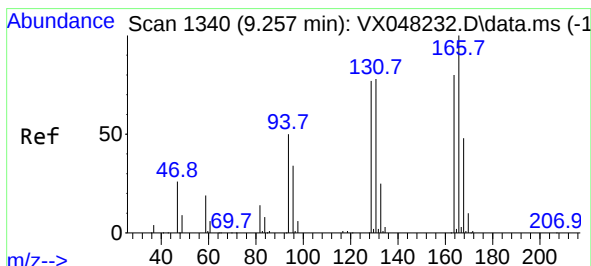
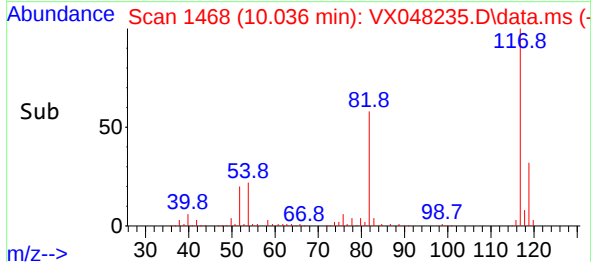
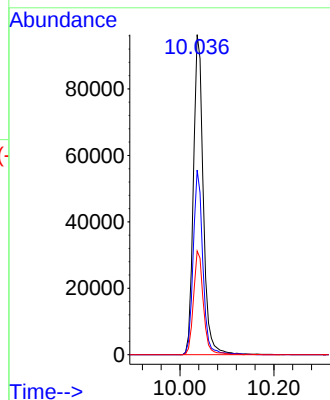
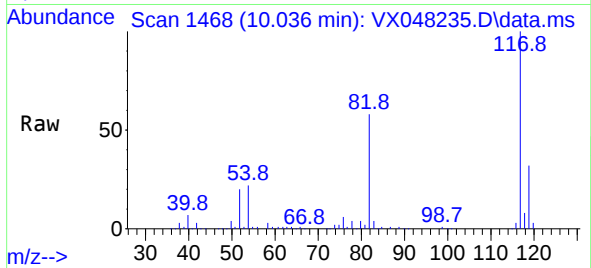




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 141
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

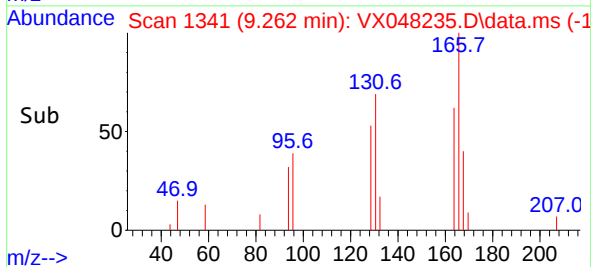
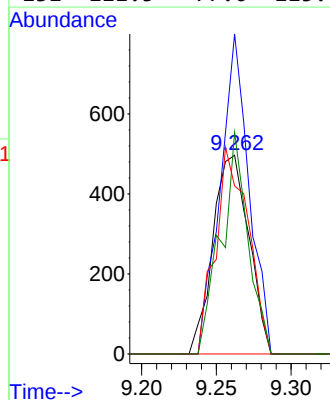
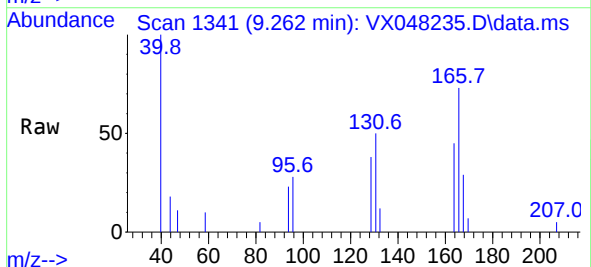
Instrument :
MSVOA_X
ClientSampleId :
IBLK

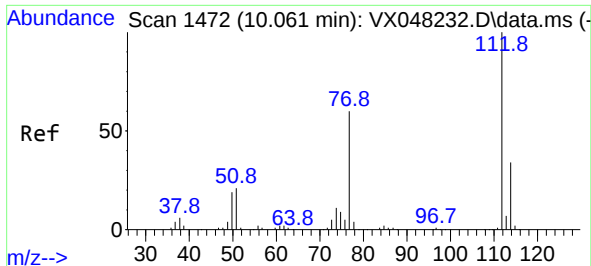
Tgt Ion:117 Resp: 141173
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 0.789 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:164 Resp: 832
Ion Ratio Lower Upper
164 100
166 161.0 104.5 156.7#
129 84.5 81.8 122.6
131 111.5 77.0 115.6

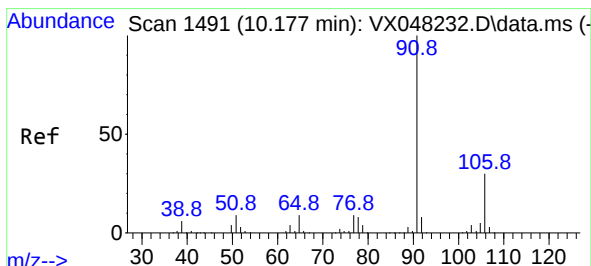
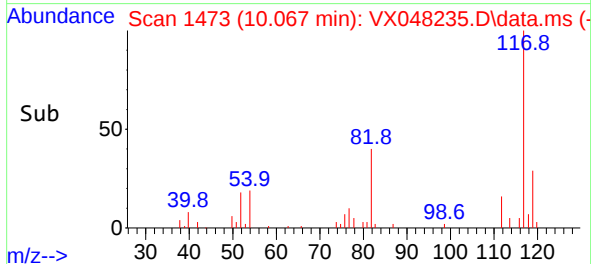
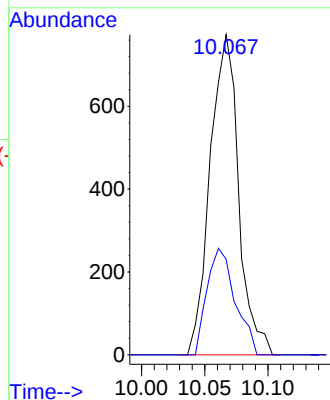
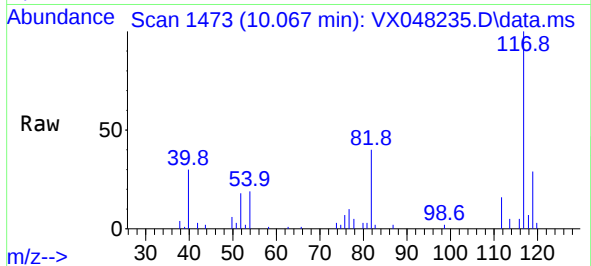




#65
Chlorobenzene
Concen: 0.381 ug/l
RT: 10.067 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

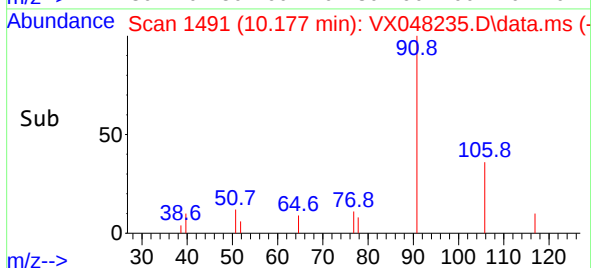
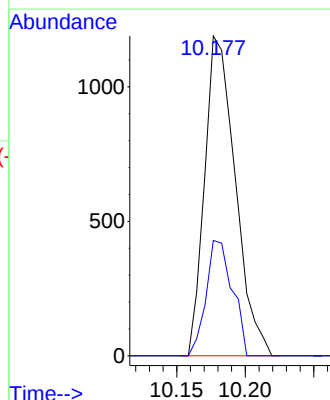
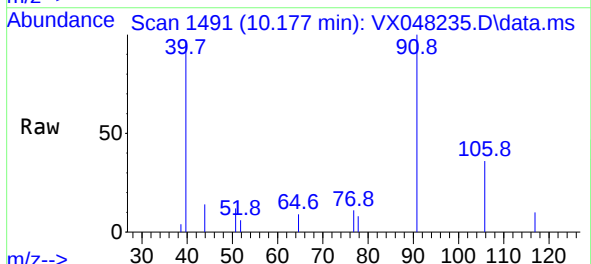
Instrument :
MSVOA_X
ClientSampleId :
IBLK

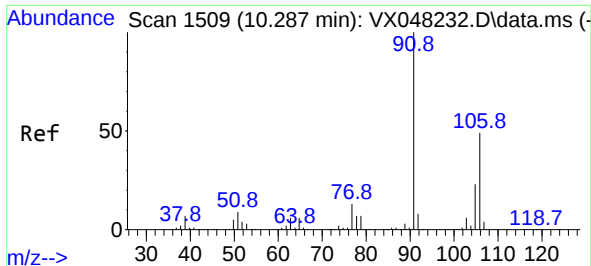
Tgt Ion:112 Resp: 1210
Ion Ratio Lower Upper
112 100
114 29.9 26.2 39.2



#67
Ethyl Benzene
Concen: 0.343 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 91 Resp: 1853
Ion Ratio Lower Upper
91 100
106 36.1 23.8 35.6#

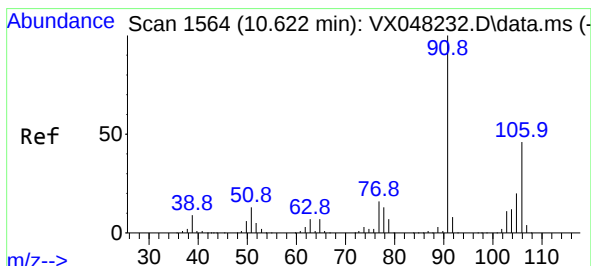
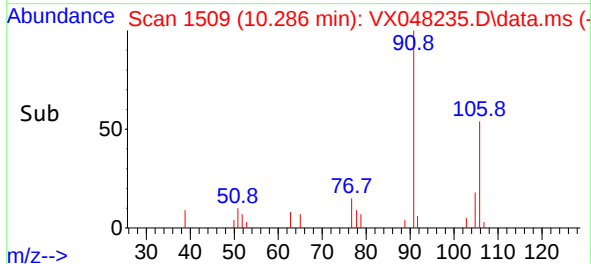
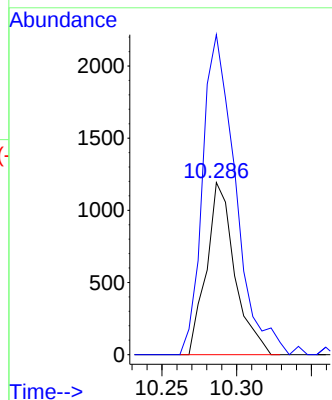
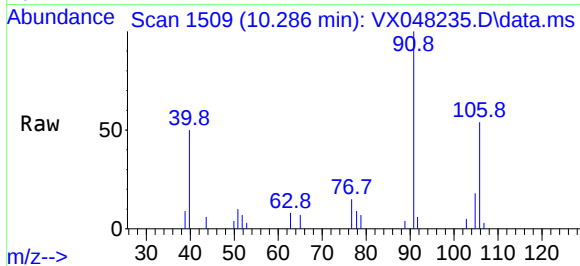




#68
m/p-Xylenes
Concen: 0.778 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

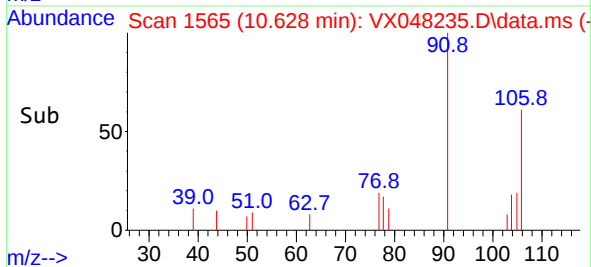
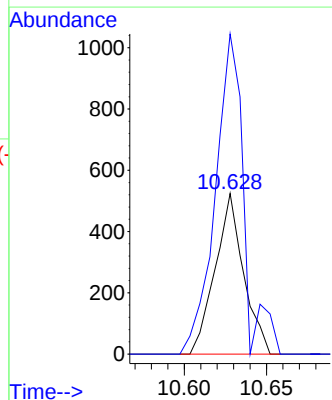
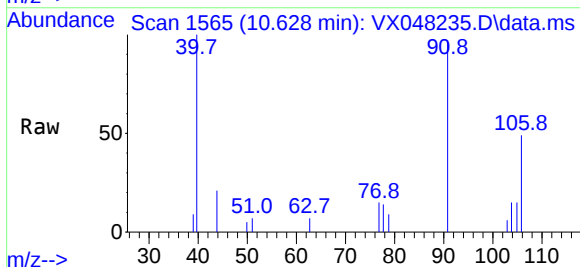
Instrument :
MSVOA_X
ClientSampleId :
IBLK

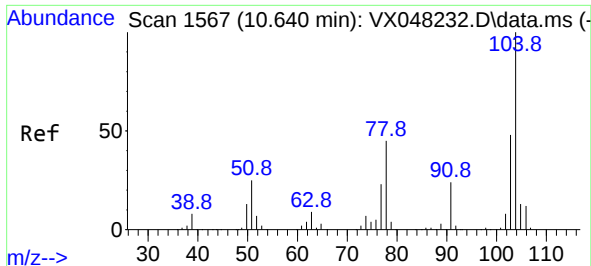
Tgt Ion:106 Resp: 1562
Ion Ratio Lower Upper
106 100
91 218.1 167.9 251.9



#69
o-Xylene
Concen: 0.324 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:106 Resp: 629
Ion Ratio Lower Upper
106 100
91 199.7 111.3 333.9

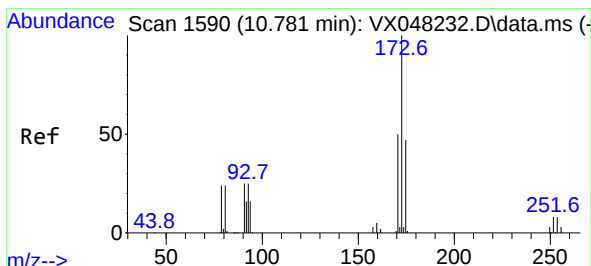
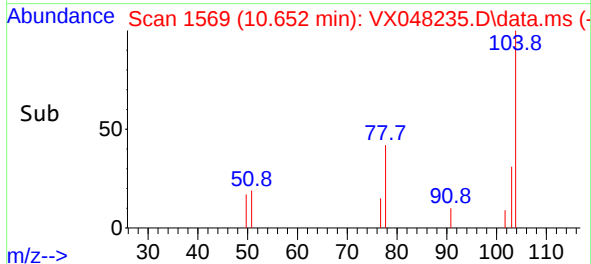
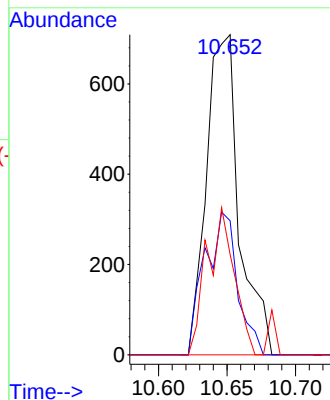
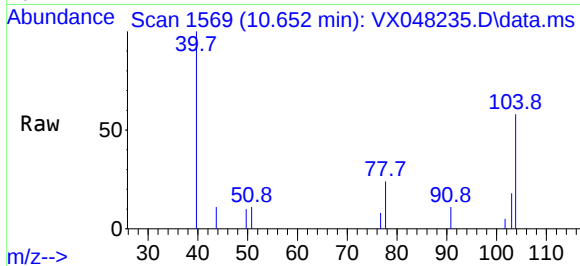




#70
Styrene
Concen: 0.357 ug/l
RT: 10.652 min Scan# 1179
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

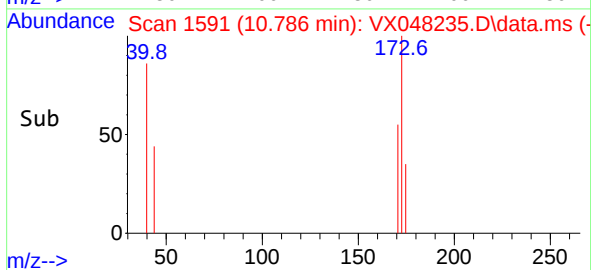
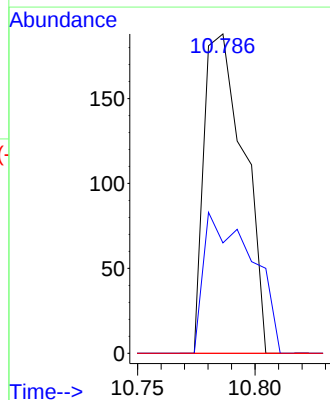
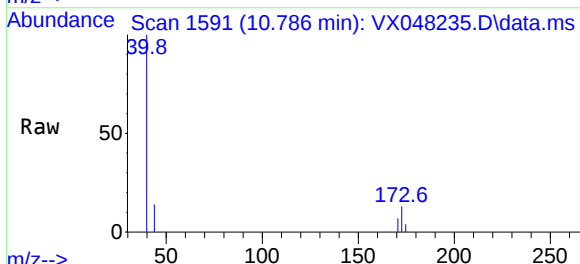
Instrument :
MSVOA_X
ClientSampleId :
IBLK

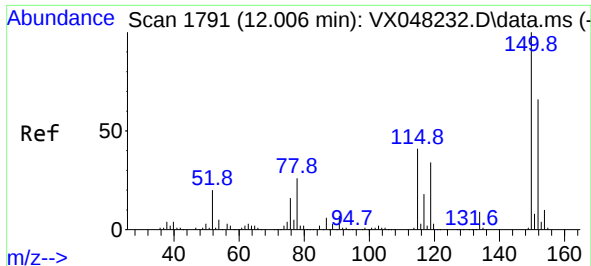
Tgt Ion:	104	Resp:	1179
Ion	Ratio	Lower	Upper
104	100		
78	44.4	42.2	63.4
103	38.4	43.0	64.4#



#71
Bromoform
Concen: 0.237 ug/l
RT: 10.786 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:	173	Resp:	221
Ion	Ratio	Lower	Upper
173	100		
175	53.8	24.0	72.0
254	0.0	0.0	0.0

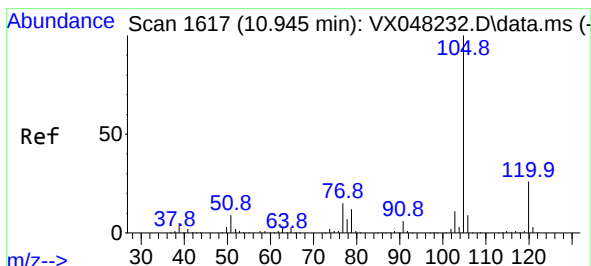
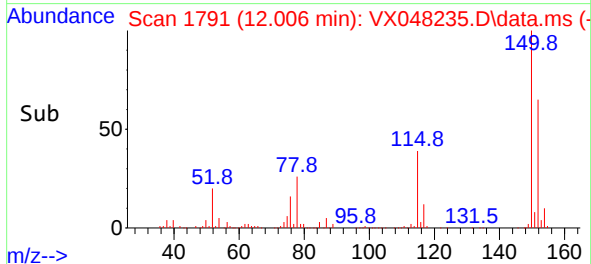
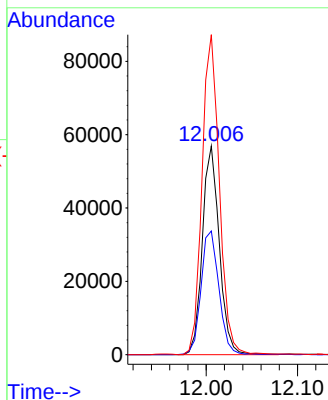
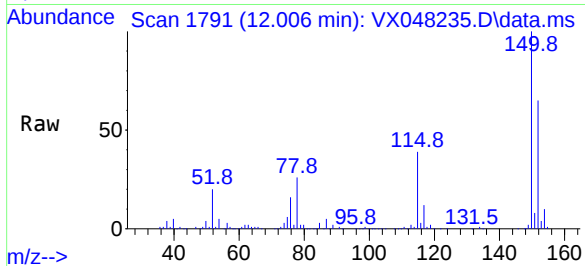




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

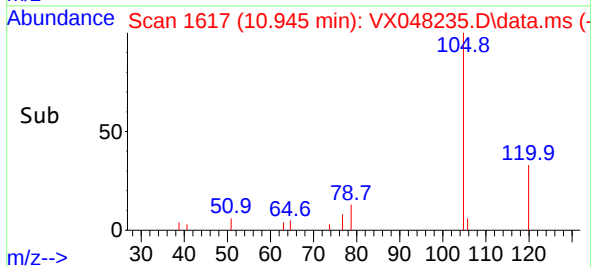
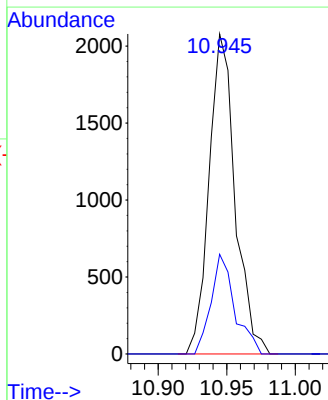
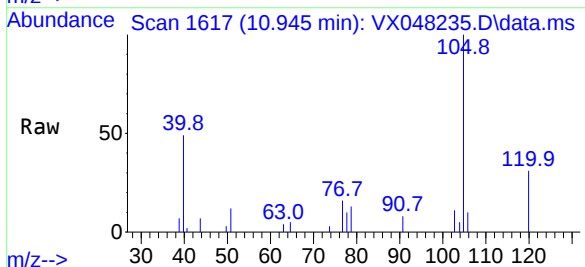
Instrument :
MSVOA_X
ClientSampleId :
IBLK

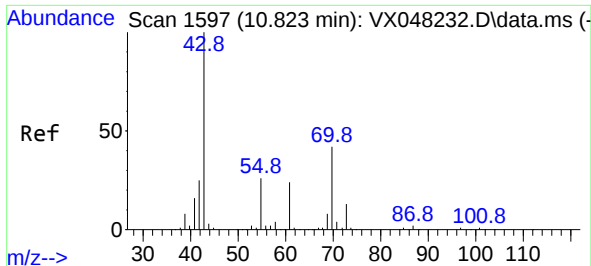
Tgt Ion:152 Resp: 72999
Ion Ratio Lower Upper
152 100
115 62.8 43.1 129.4
150 157.5 0.0 353.0



#73
Isopropylbenzene
Concen: 0.515 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:105 Resp: 2744
Ion Ratio Lower Upper
105 100
120 28.5 13.0 38.9

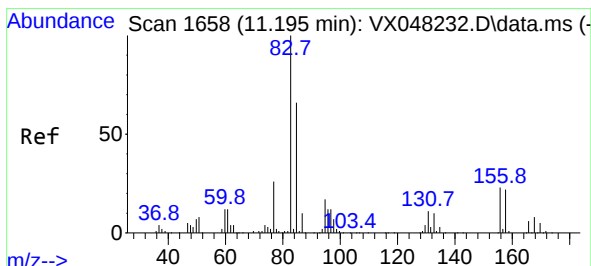
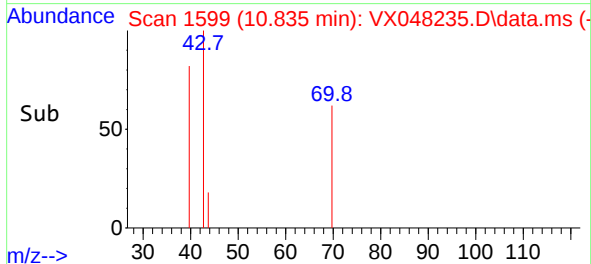
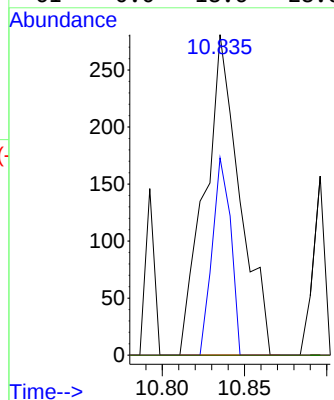
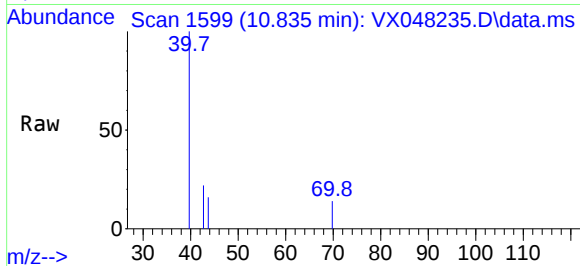




#74
N-amy1 acetate
Concen: 0.219 ug/l
RT: 10.835 min Scan# 1599
Delta R.T. 0.012 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

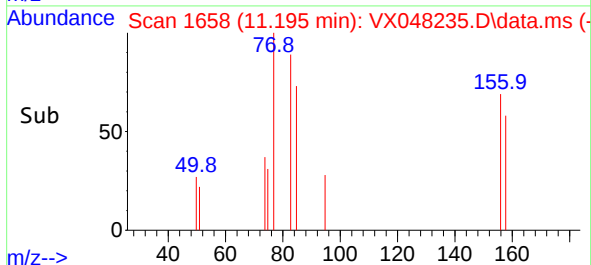
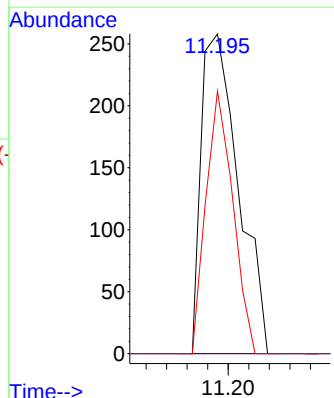
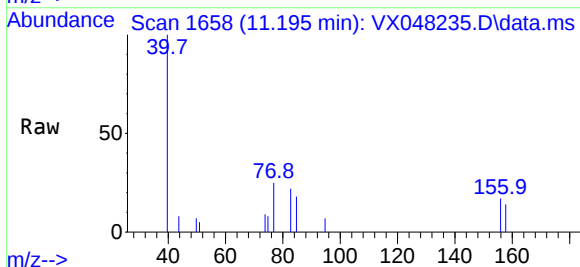
Instrument :
MSVOA_X
ClientSampleId :
IBLK

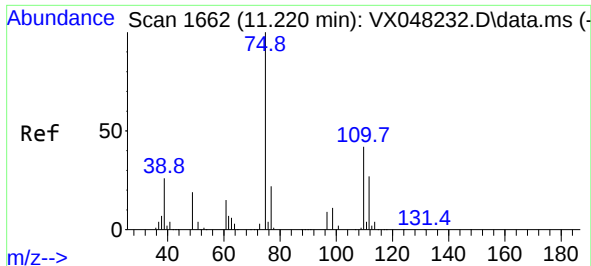
Tgt Ion:	43	Resp:	415
Ion	Ratio	Lower	Upper
43	100		
70	32.3	32.2	48.2
55	0.0	19.1	28.7#
61	0.0	18.6	28.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:	83	Resp:	325
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.4#
85	59.1	31.9	95.7

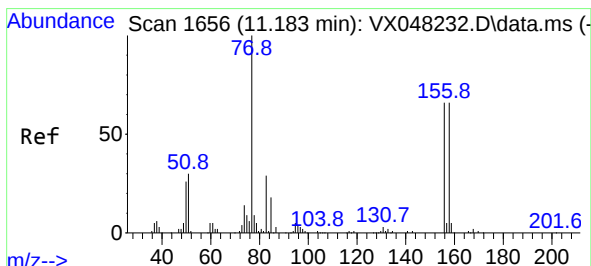
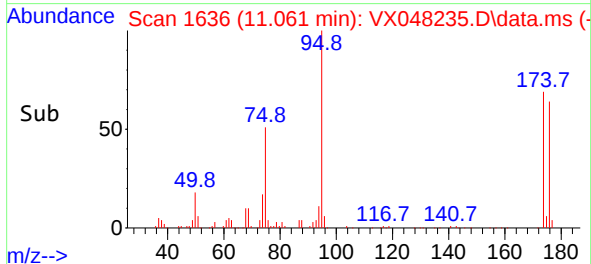
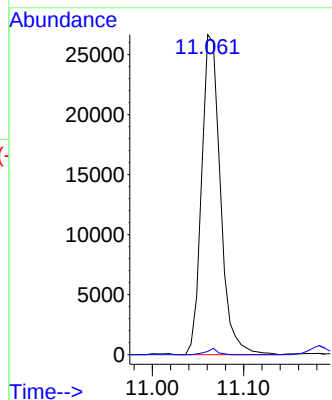
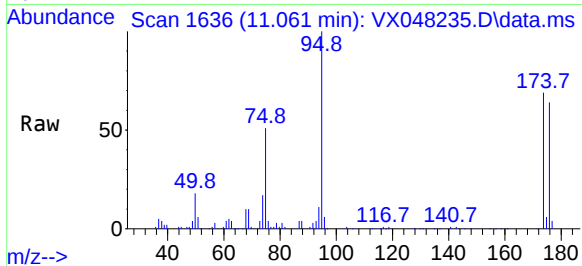




#76
1,2,3-Trichloropropane
Concen: 32.124 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

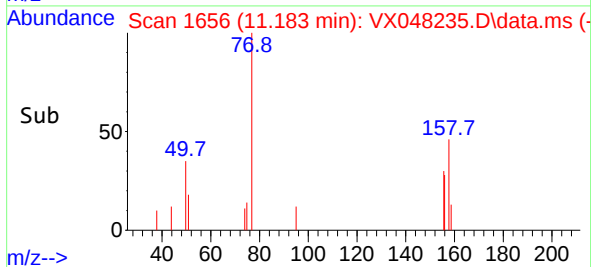
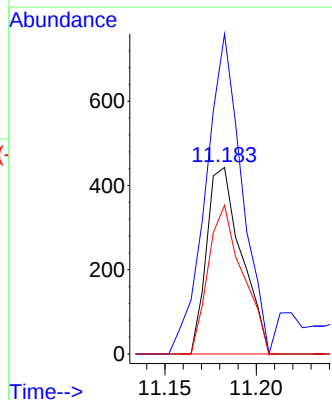
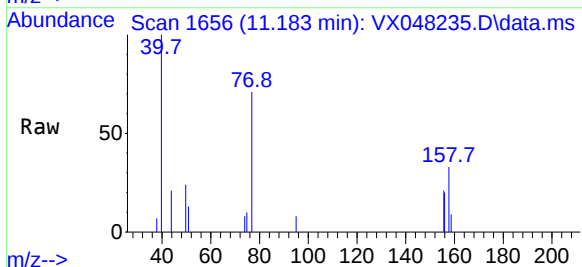
Instrument :
MSVOA_X
ClientSampleId :
IBLK

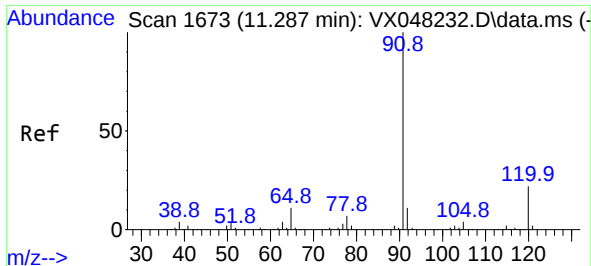
Tgt Ion: 75 Resp: 38028
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#



#77
Bromobenzene
Concen: 0.438 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:156 Resp: 586
Ion Ratio Lower Upper
156 100
77 178.0 87.0 261.0
158 78.8 47.8 143.4

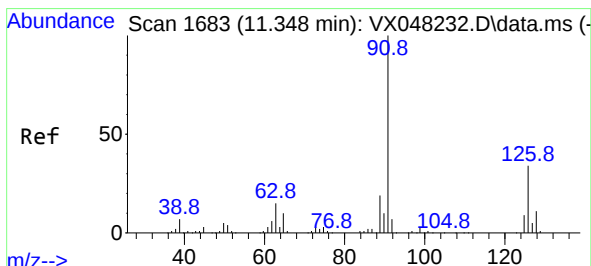
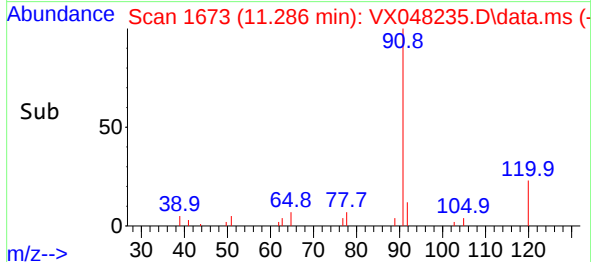
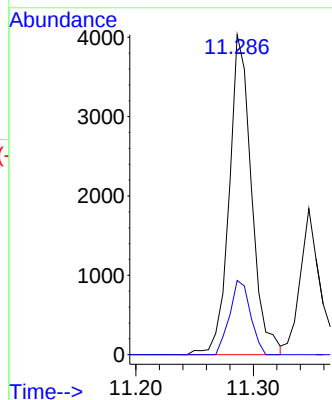
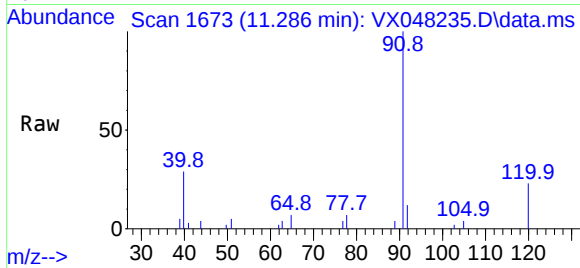




#78
n-propylbenzene
Concen: 0.861 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

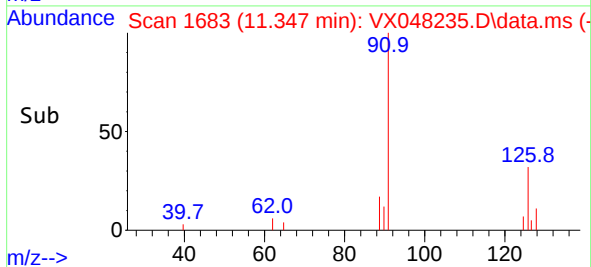
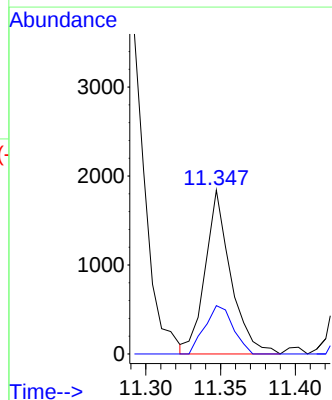
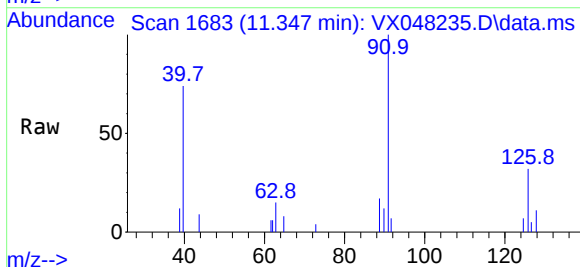
Instrument :
MSVOA_X
ClientSampleId :
IBLK

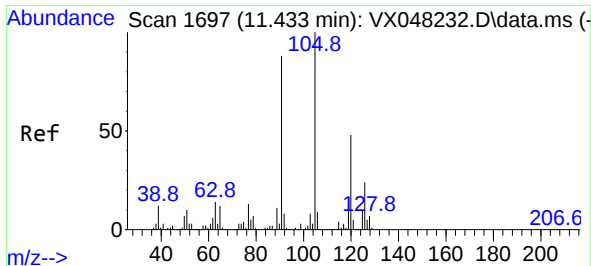
Tgt Ion: 91 Resp: 5316
Ion Ratio Lower Upper
91 100
120 21.6 11.1 33.1



#79
2-Chlorotoluene
Concen: 0.586 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 91 Resp: 2193
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

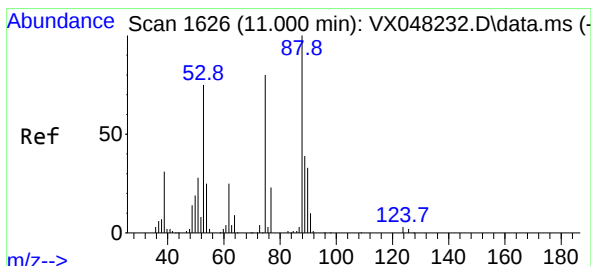
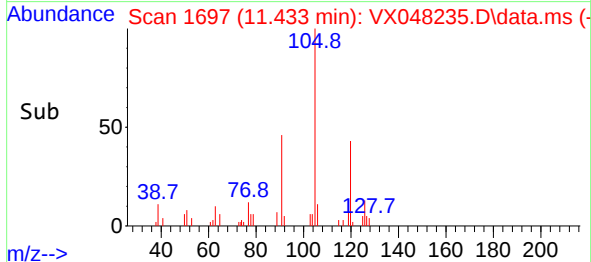
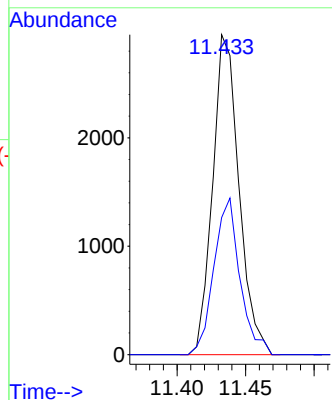
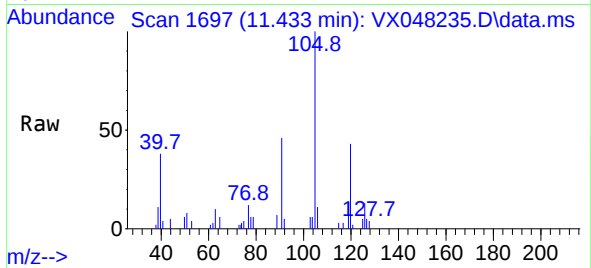




#80
1,3,5-Trimethylbenzene
Concen: 0.894 ug/l
RT: 11.433 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

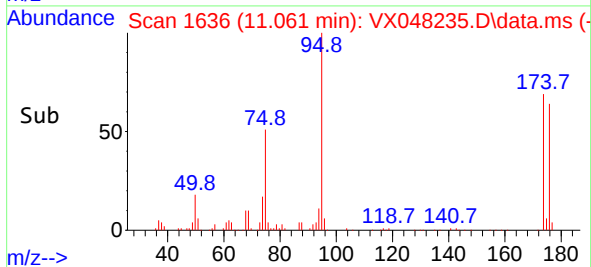
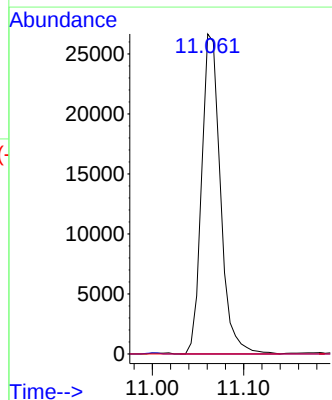
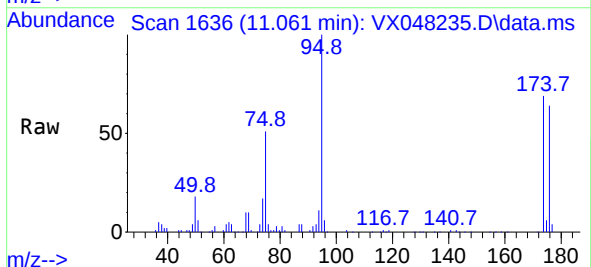
Instrument :
MSVOA_X
ClientSampleId :
IBLK

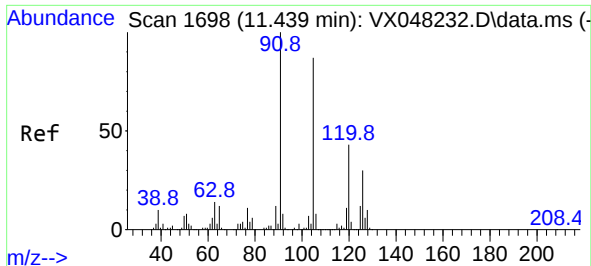
Tgt Ion:105 Resp: 3945
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 78.155 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 75 Resp: 38028
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#

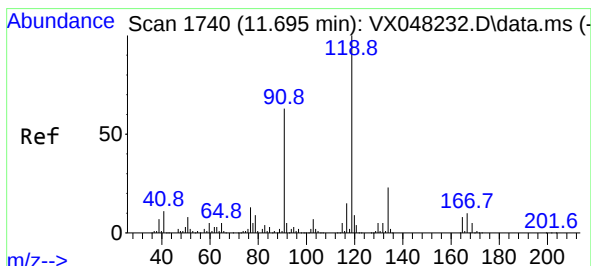
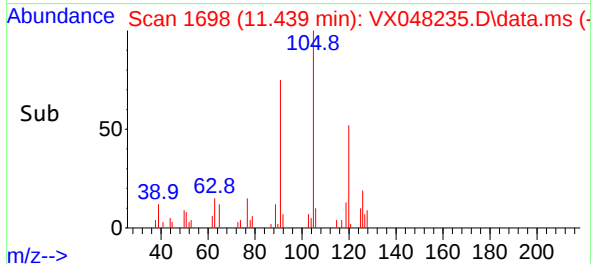
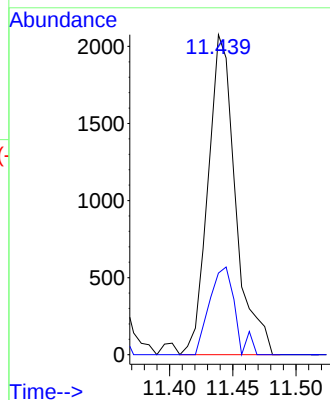
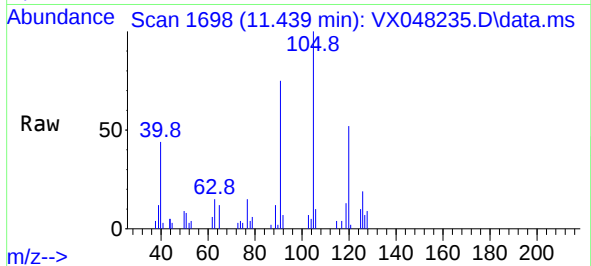




#82
4-Chlorotoluene
Concen: 0.707 ug/l
RT: 11.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

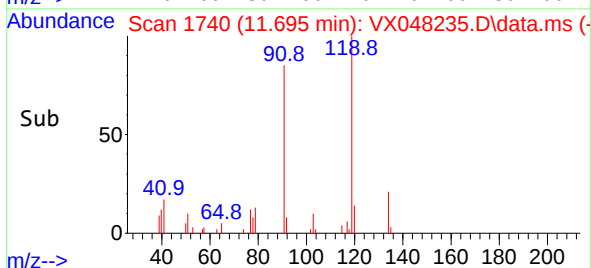
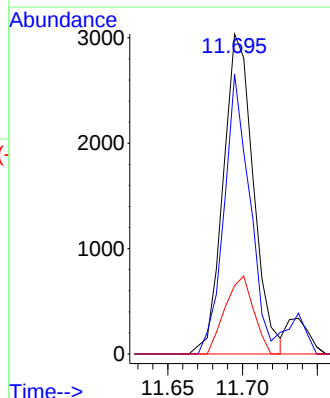
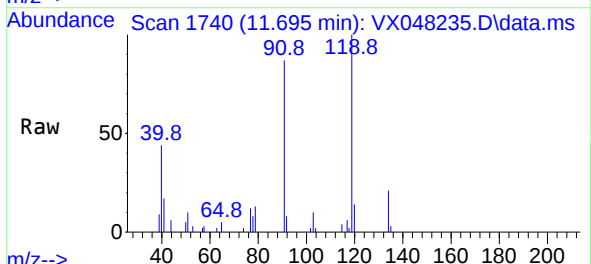
Instrument :
MSVOA_X
ClientSampleId :
IBLK

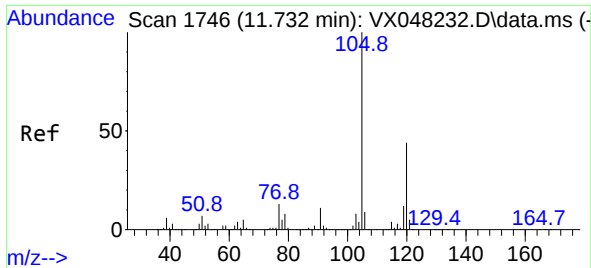
Tgt Ion: 91 Resp: 3141
Ion Ratio Lower Upper
91 100
126 25.2 14.1 42.4



#83
tert-Butylbenzene
Concen: 0.939 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 119 Resp: 4256
Ion Ratio Lower Upper
119 100
91 74.4 30.3 91.0
134 22.9 11.4 34.2

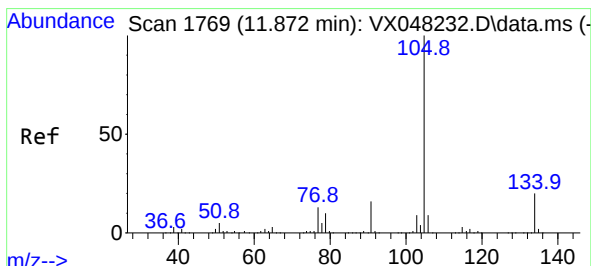
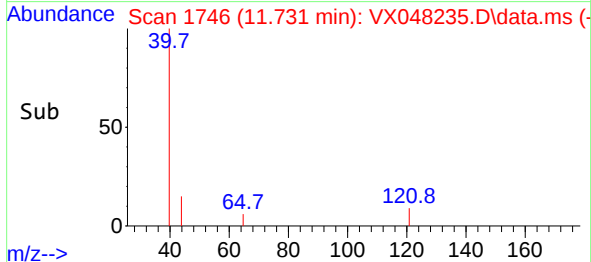
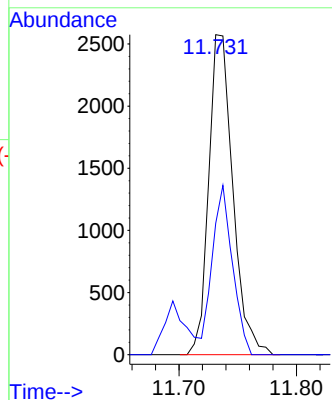
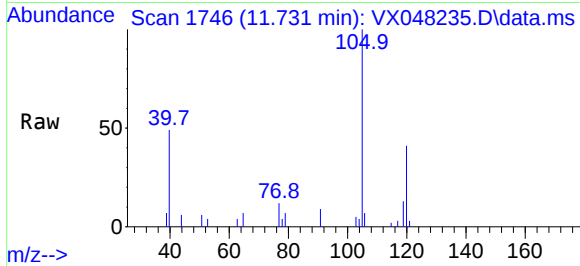




#84
1,2,4-Trimethylbenzene
Concen: 0.836 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

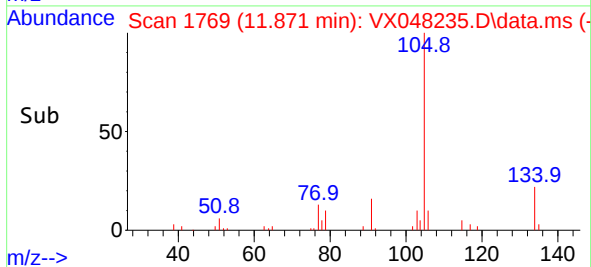
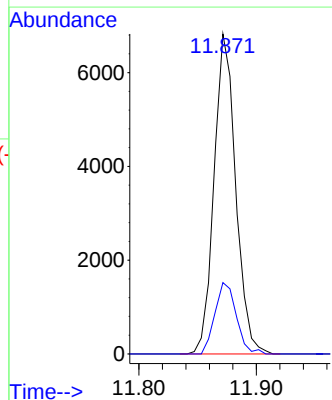
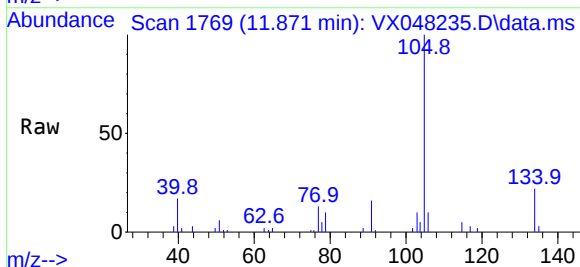
Instrument :
MSVOA_X
ClientSampleId :
IBLK

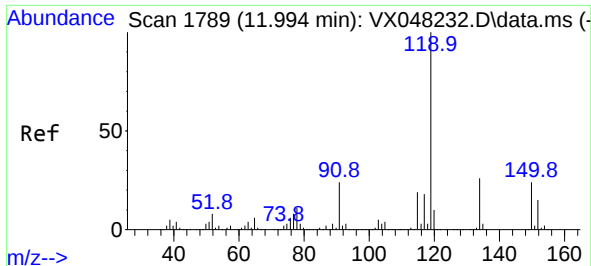
Tgt Ion:105 Resp: 3681
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.5



#85
sec-Butylbenzene
Concen: 1.604 ug/l
RT: 11.871 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:105 Resp: 8748
Ion Ratio Lower Upper
105 100
134 22.0 10.1 30.1

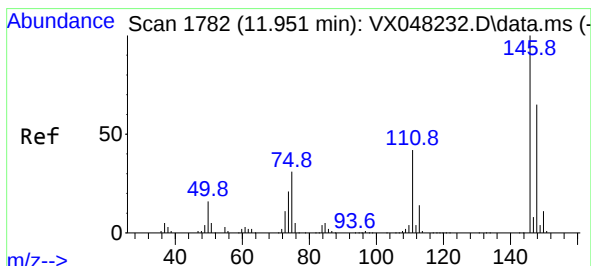
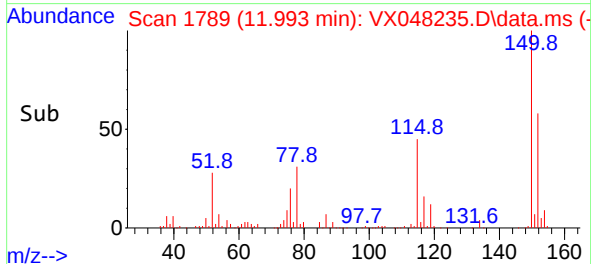
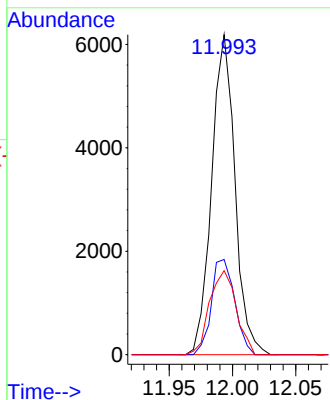
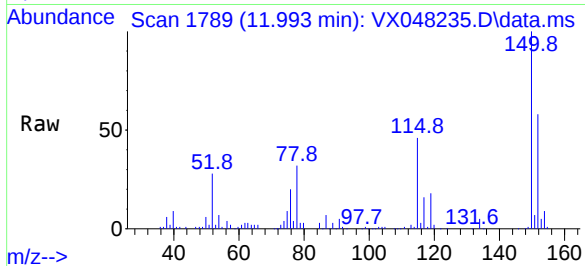




#86
p-Isopropyltoluene
Concen: 1.680 ug/l
RT: 11.993 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

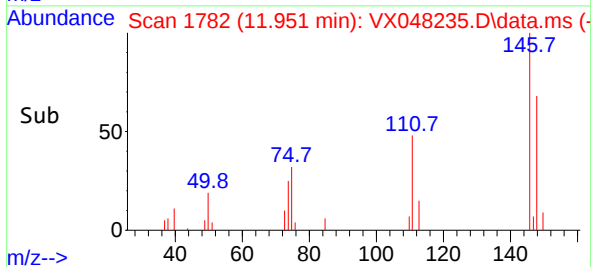
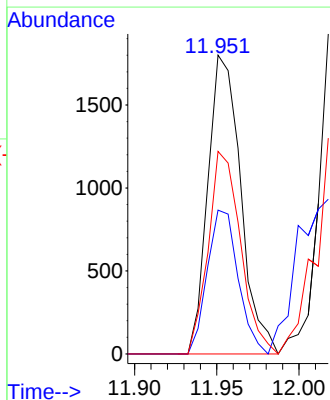
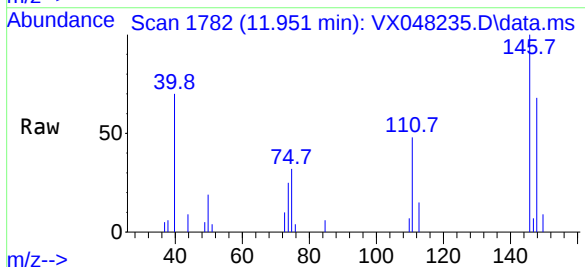
Instrument :
MSVOA_X
ClientSampleId :
IBLK

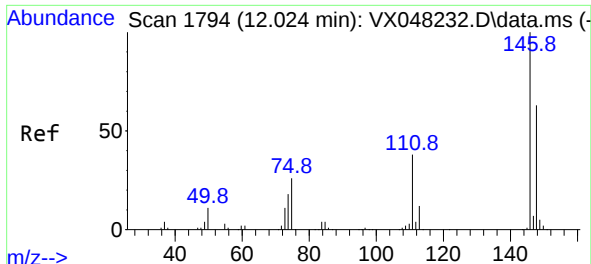
Tgt Ion:119 Resp: 7922
Ion Ratio Lower Upper
119 100
134 29.9 13.0 39.0
91 30.0 12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 0.992 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:146 Resp: 2500
Ion Ratio Lower Upper
146 100
111 45.3 20.4 61.2
148 66.6 31.9 95.9

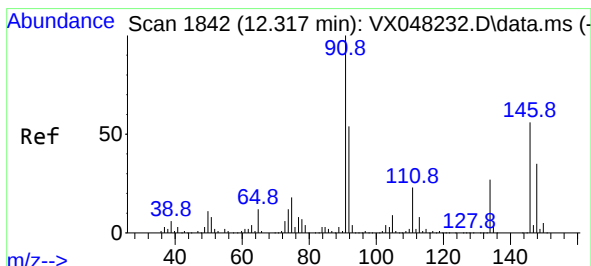
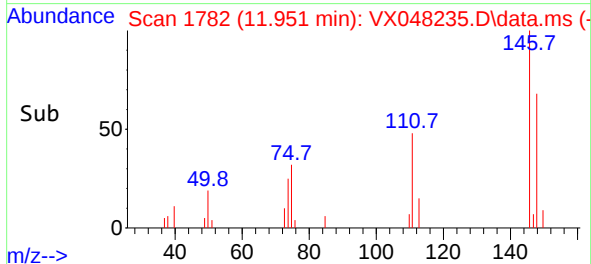
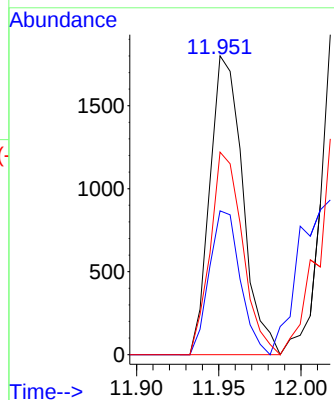
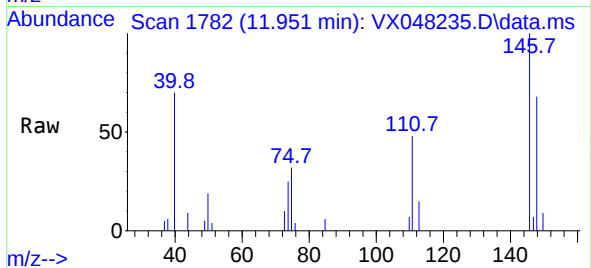




#88
1,4-Dichlorobenzene
Concen: 0.958 ug/l
RT: 11.951 min Scan# 11
Delta R.T. -0.074 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

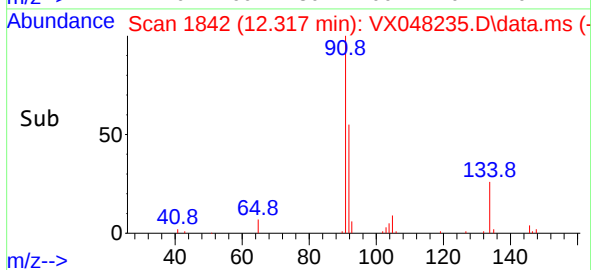
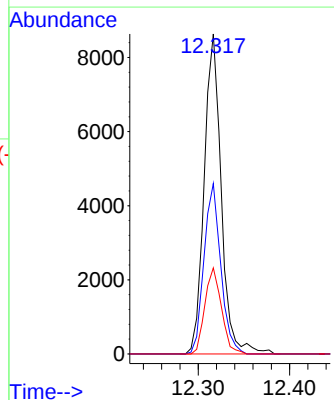
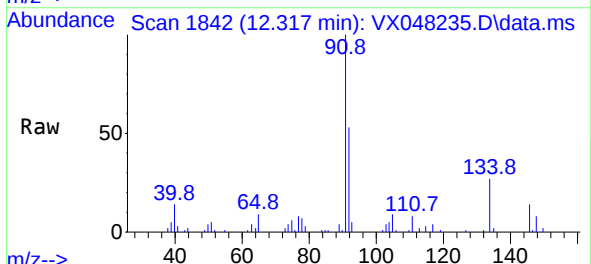
Instrument :
MSVOA_X
ClientSampleId :
IBLK

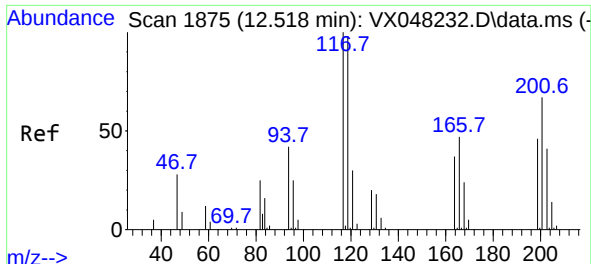
Tgt Ion:146 Resp: 2500
Ion Ratio Lower Upper
146 100
111 45.3 20.1 60.2
148 66.6 31.8 95.3



#89
n-Butylbenzene
Concen: 2.607 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion: 91 Resp: 11186
Ion Ratio Lower Upper
91 100
92 52.3 26.9 80.6
134 26.0 12.7 38.1

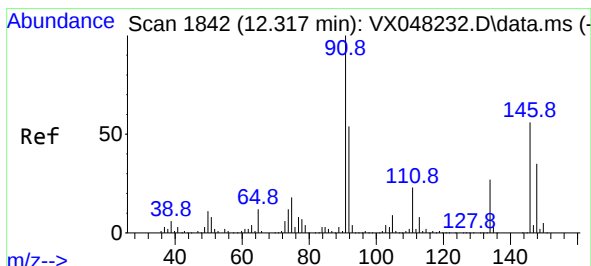
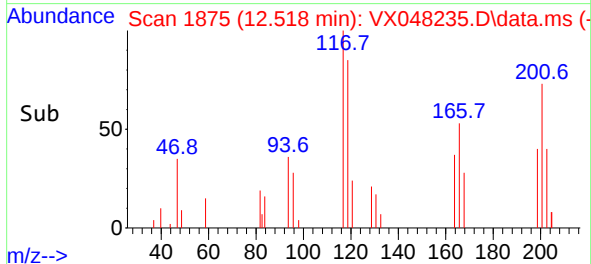
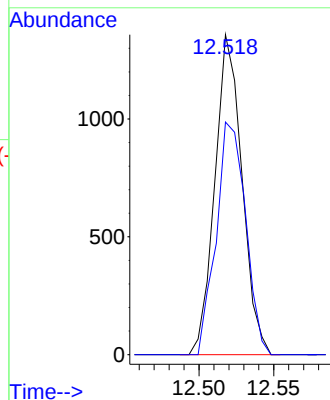
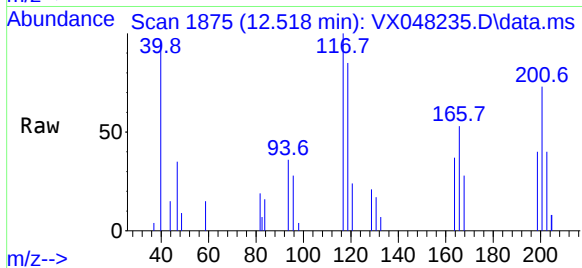




#90
Hexachloroethane
Concen: 1.839 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

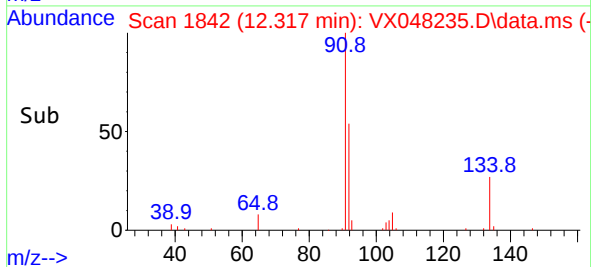
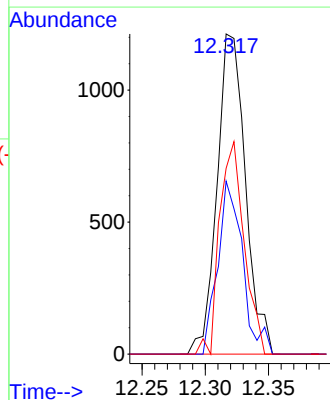
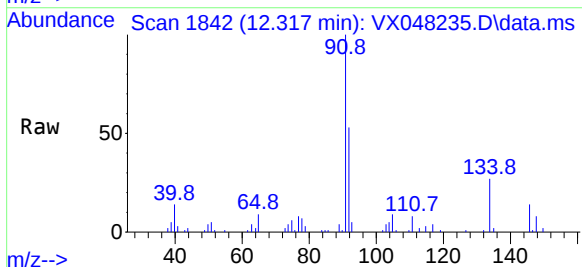
Instrument :
MSVOA_X
ClientSampleId :
IBLK

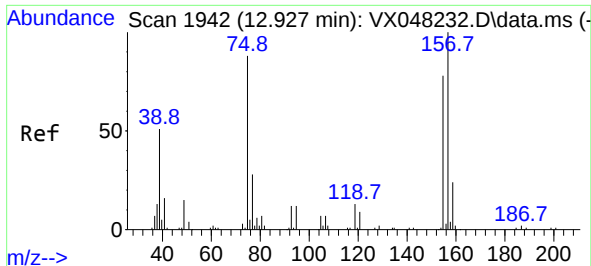
Tgt Ion:117 Resp: 1712
Ion Ratio Lower Upper
117 100
201 78.7 34.1 102.2



#91
1,2-Dichlorobenzene
Concen: 0.802 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

Tgt Ion:146 Resp: 1897
Ion Ratio Lower Upper
146 100
111 47.1 21.9 65.5
148 57.3 31.9 95.5

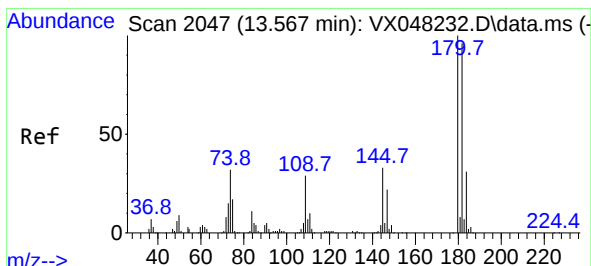
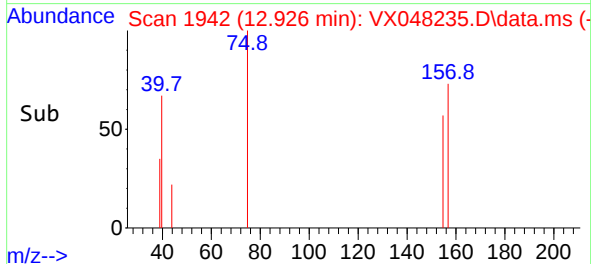
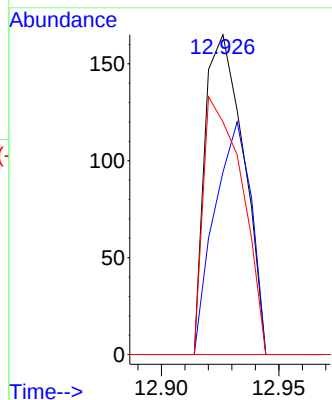
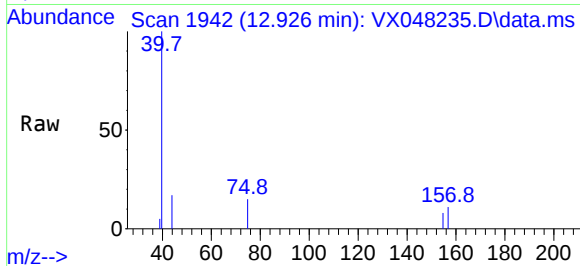




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.636 ug/l
 RT: 12.926 min Scan# 1942
 Delta R.T. 0.006 min
 Lab File: VX048235.D
 Acq: 20 Oct 2025 13:04

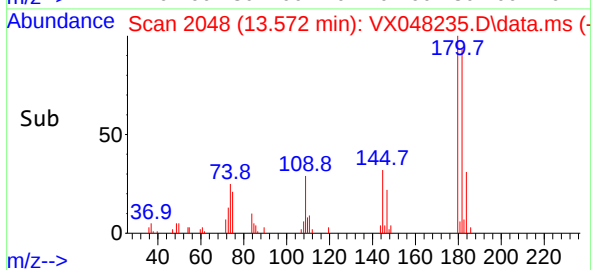
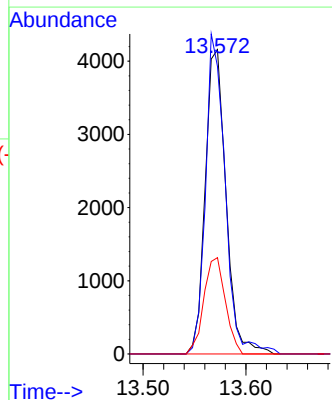
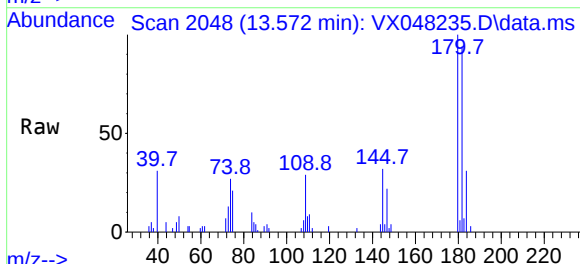
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

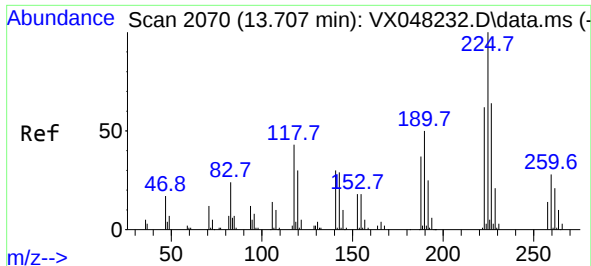
Tgt Ion:	75	Resp:	188
Ion	Ratio	Lower	Upper
75	100		
155	69.1	42.8	128.4
157	80.9	54.2	162.6



#93
 1,2,4-Trichlorobenzene
 Concen: 3.653 ug/l
 RT: 13.572 min Scan# 2048
 Delta R.T. 0.006 min
 Lab File: VX048235.D
 Acq: 20 Oct 2025 13:04

Tgt Ion:	180	Resp:	5845
Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.3	142.0
145	32.8	16.3	48.9

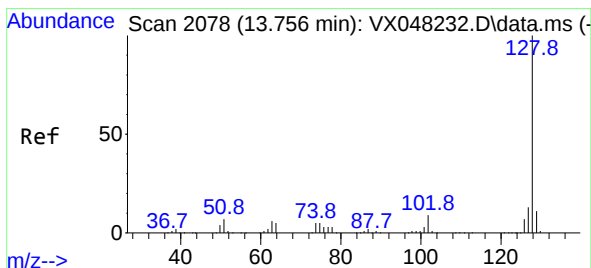
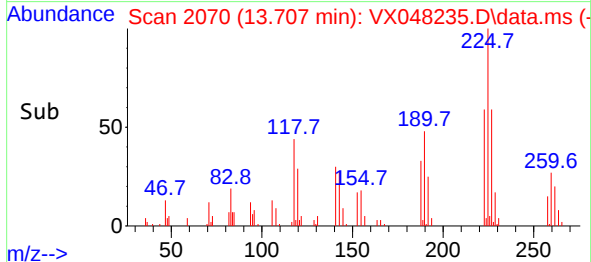
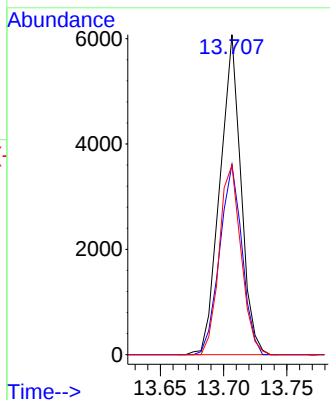
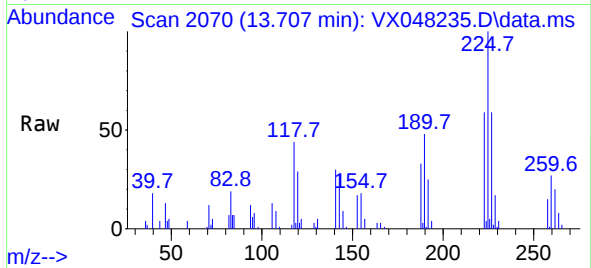




#94
Hexachlorobutadiene
Concen: 11.731 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

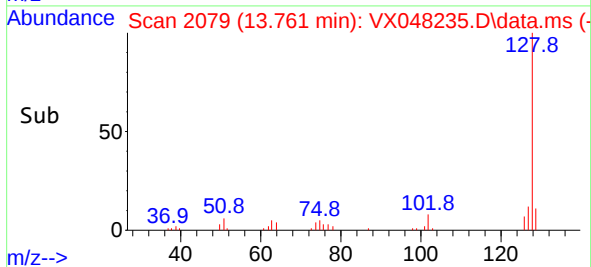
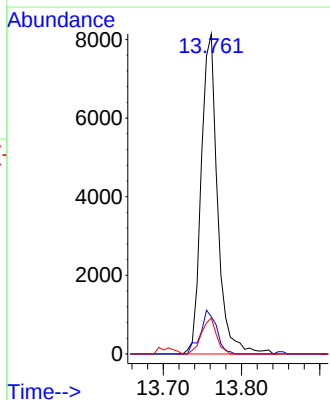
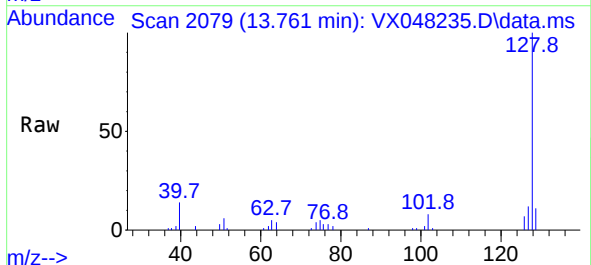
Instrument :
MSVOA_X
ClientSampleId :
IBLK

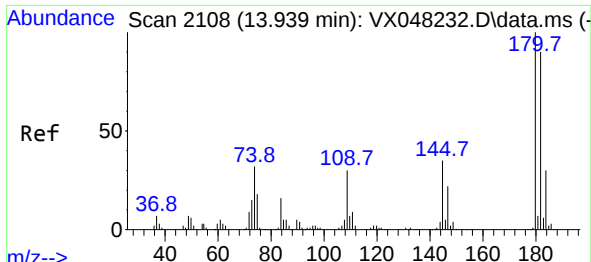
Tgt Ion:	225	Resp:	7004
Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.6	97.7
227	61.6	32.5	97.4



#95
Naphthalene
Concen: 2.782 ug/l
RT: 13.761 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VX048235.D
Acq: 20 Oct 2025 13:04

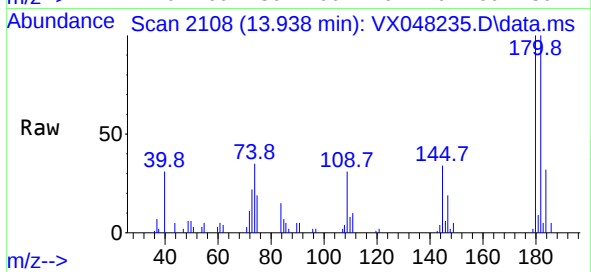
Tgt Ion:	128	Resp:	11793
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	10.4	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 4.027 ug/l
 RT: 13.938 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX048235.D
 Acq: 20 Oct 2025 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 5914

Ion	Ratio	Lower	Upper
180	100		
182	98.4	46.6	139.7
145	33.7	16.9	50.7

