

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044874.D
 Acq On : 10 Feb 2025 12:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 11 06:01:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	182959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74755	53.428	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	106.860%	
35) Dibromofluoromethane	5.385	113	64397	50.642	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.280%	
50) Toluene-d8	8.647	98	245551	51.066	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	102.140%	
62) 4-Bromofluorobenzene	11.079	95	87115	53.740	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	107.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.160	85	413	0.308	ug/l	82
3) Chloromethane	1.301	50	500	0.306	ug/l	93
4) Vinyl Chloride	1.374	62	436	0.276	ug/l #	86
5) Bromomethane	1.599	94	213	0.450	ug/l #	74
6) Chloroethane	1.660	64	429	1.901	ug/l #	50
7) Trichlorofluoromethane	1.874	101	501	0.251	ug/l #	70
9) 1,1,2-Trichlorotrifluo...	2.319	101	413	0.342	ug/l #	87
10) Methyl Iodide	2.441	142	1034	0.661	ug/l #	96
11) Tert butyl alcohol	2.934	59	1018	3.922	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	495	0.402	ug/l #	77
13) Acrolein	2.233	56	687	2.565	ug/l #	54
14) Allyl chloride	2.654	41	838	0.376	ug/l #	68
15) Acrylonitrile	3.081	53	1541	2.224	ug/l	98
16) Acetone	2.380	43	1273	2.263	ug/l #	83
17) Carbon Disulfide	2.502	76	7048	2.086	ug/l	97
18) Methyl Acetate	2.703	43	823	0.464	ug/l #	62
20) Methylene Chloride	2.788	84	475	0.345	ug/l #	70
21) trans-1,2-Dichloroethene	3.093	96	903	0.745	ug/l #	80
23) Vinyl Acetate	3.751	43	2004	0.584	ug/l	99
25) 2-Butanone	4.611	43	493	0.540	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	440	0.302	ug/l	84
29) Tetrahydrofuran	5.038	42	557	0.918	ug/l #	74
31) Cyclohexane	5.464	56	560	0.258	ug/l #	85
36) 1,1-Dichloropropene	5.702	75	949	0.517	ug/l #	75
38) Carbon Tetrachloride	5.550	117	9880	5.496	ug/l #	16
39) Methylcyclohexane	7.379	83	700	0.295	ug/l	88
44) Trichloroethene	7.129	130	444	0.339	ug/l	97
46) Dibromomethane	7.586	93	374	0.378	ug/l #	73
49) 1,4-Dioxane	7.690	88	346	10.379	ug/l #	43
51) 4-Methyl-2-Pentanone	8.580	43	1163	0.581	ug/l	99
53) t-1,3-Dichloropropene	9.000	75	581	0.300	ug/l #	84
58) 2-Chloroethyl Vinyl ether	8.287	63	361	0.347	ug/l #	59
59) 2-Hexanone	9.458	43	1059	0.734	ug/l	95
64) Tetrachloroethene	9.275	164	459	0.398	ug/l #	76
65) Chlorobenzene	10.073	112	1034	0.263	ug/l #	83
68) m/p-Xylenes	10.305	106	1091	0.426	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

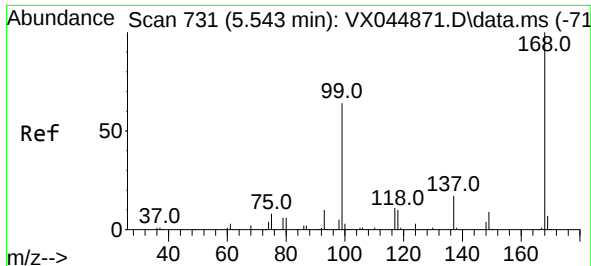
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Styrene	10.671	104	947	0.229	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	44523	25.662	ug/l #	34
77) Bromobenzene	11.207	156	435	0.305	ug/l	94
78) n-propylbenzene	11.305	91	2021	0.278	ug/l	96
79) 2-Chlorotoluene	11.372	91	1175	0.263	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	1163	0.227	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	44523	66.012	ug/l #	11
82) 4-Chlorotoluene	11.457	91	2120	0.429	ug/l	95
83) tert-Butylbenzene	11.713	119	1093	0.211	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	1380	0.273	ug/l	99
85) sec-Butylbenzene	11.890	105	2147	0.335	ug/l	93
86) p-Isopropyltoluene	12.012	119	1743	0.338	ug/l #	80
87) 1,3-Dichlorobenzene	11.969	146	1423	0.542	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	1423	0.536	ug/l	95
89) n-Butylbenzene	12.335	91	2792	0.613	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	914	0.354	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.957	75	217	0.549	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.591	180	1750	1.120	ug/l	98
94) Hexachlorobutadiene	13.725	225	565	0.911	ug/l	86
95) Naphthalene	13.774	128	9634	1.706	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	2137	1.358	ug/l	97

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

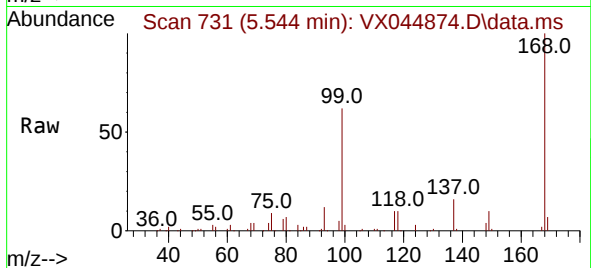
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



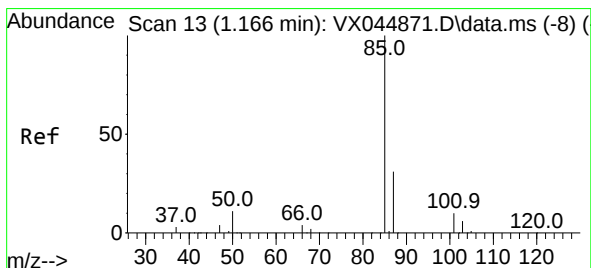
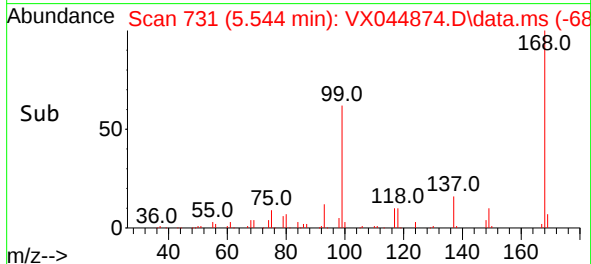
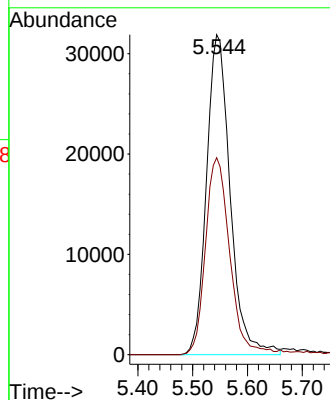


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044874.D
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Instrument :
MSVOA_X
ClientSampleId :

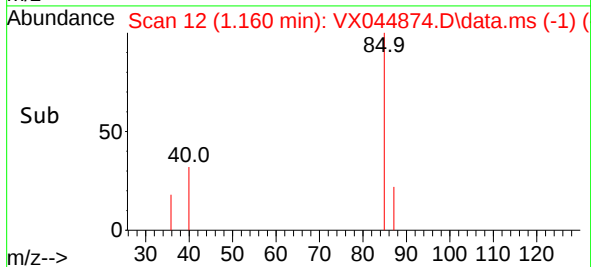
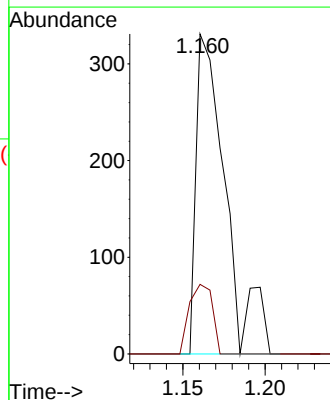
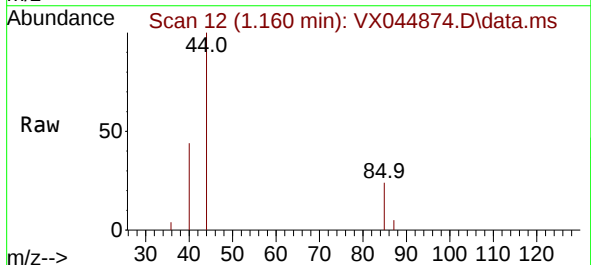


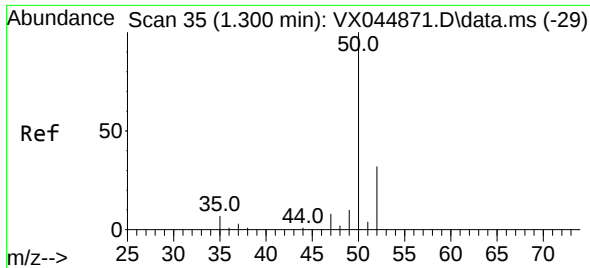
Tgt Ion:168 Resp: 95584
Ion Ratio Lower Upper
168 100
99 61.6 51.2 76.8



#2
Dichlorodifluoromethane
Concen: 0.308 ug/l
RT: 1.160 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 85 Resp: 413
Ion Ratio Lower Upper
85 100
87 21.8 15.8 47.3

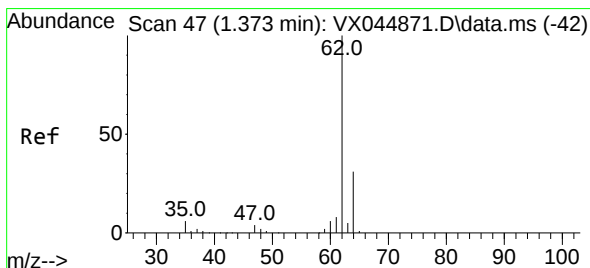
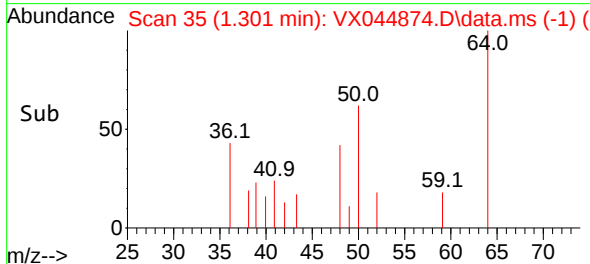
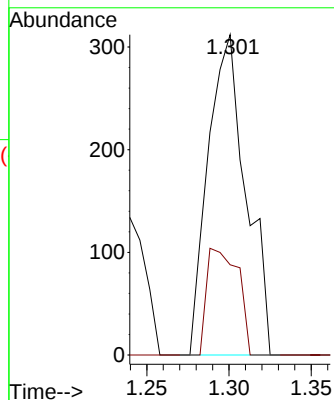
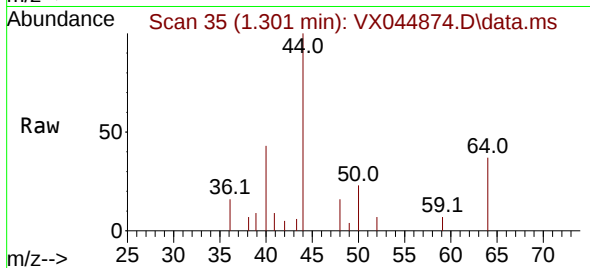




#3
Chloromethane
Concen: 0.306 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

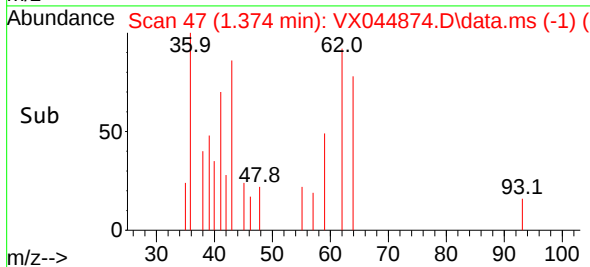
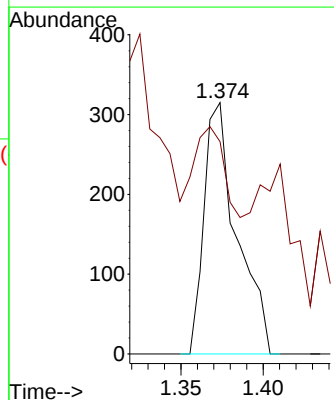
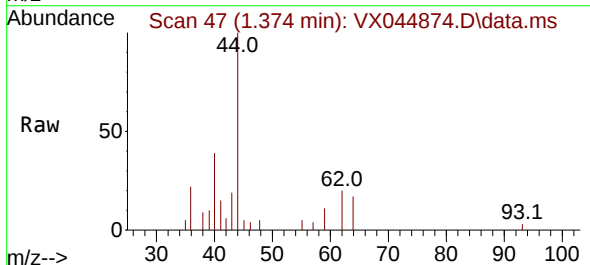
Instrument :
MSVOA_X
ClientSampleId :

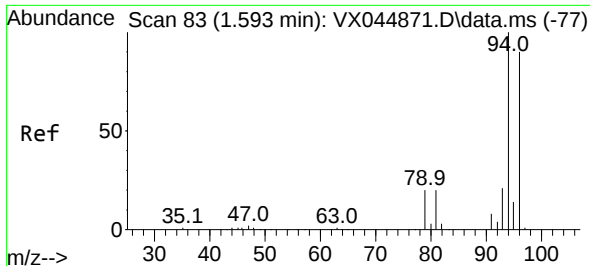
Tgt Ion: 50 Resp: 500
Ion Ratio Lower Upper
50 100
52 28.2 25.9 38.9



#4
Vinyl Chloride
Concen: 0.276 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 62 Resp: 436
Ion Ratio Lower Upper
62 100
64 23.8 25.4 38.0#

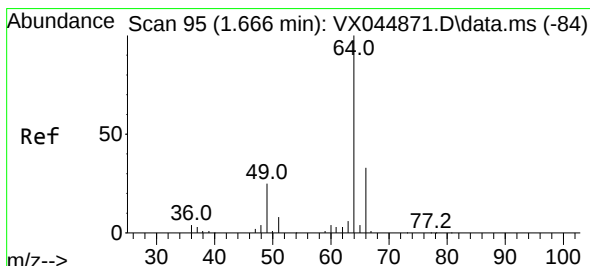
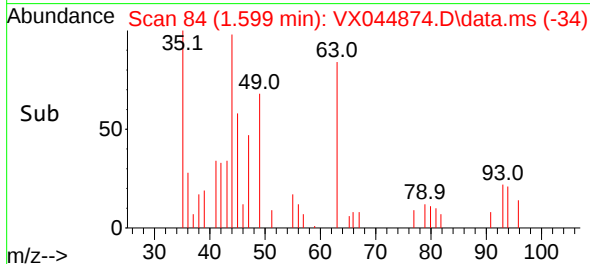
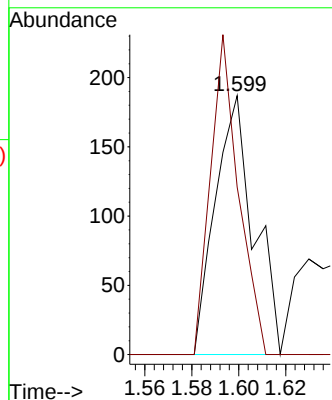
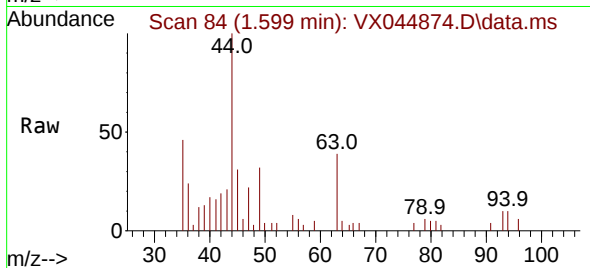




#5
Bromomethane
Concen: 0.450 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

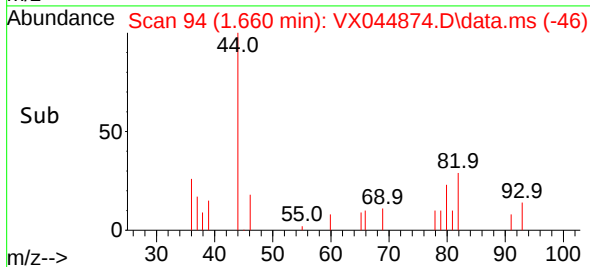
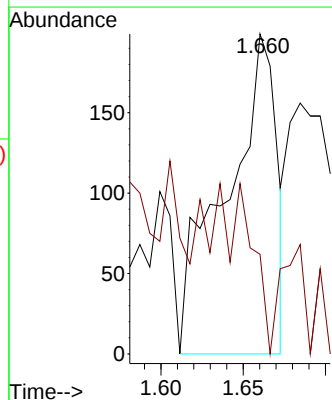
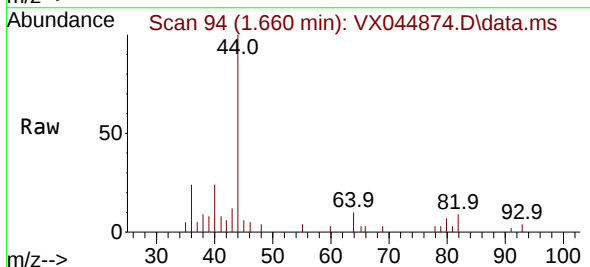
Instrument :
MSVOA_X
ClientSampleId :

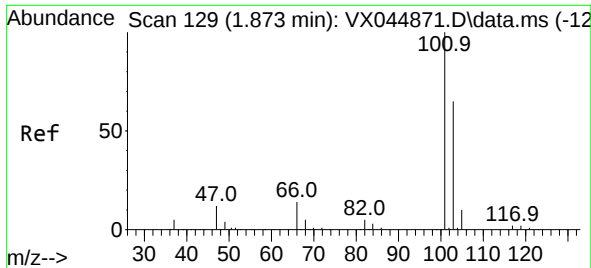
Tgt Ion: 94 Resp: 213
Ion Ratio Lower Upper
94 100
96 64.7 71.6 107.4#



#6
Chloroethane
Concen: 1.901 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 64 Resp: 429
Ion Ratio Lower Upper
64 100
66 4.5 25.9 38.9#

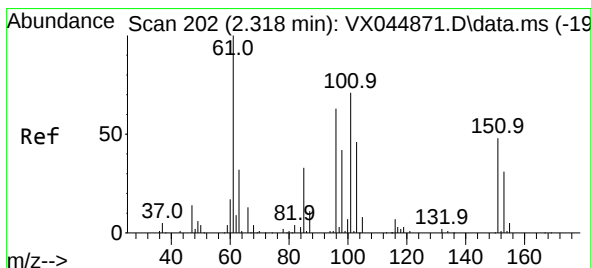
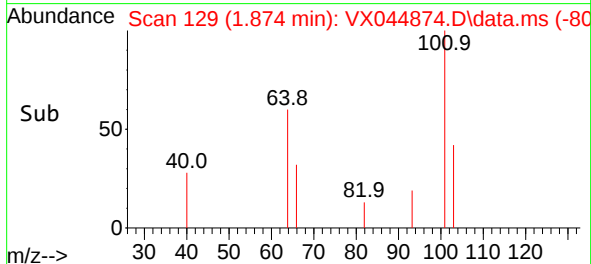
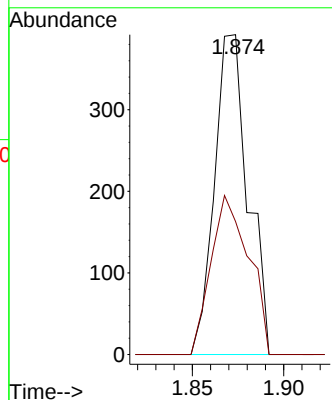
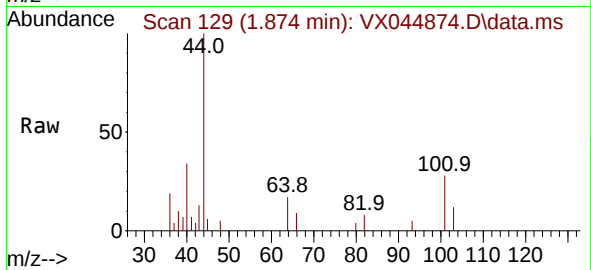




#7
Trichlorofluoromethane
Concen: 0.251 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

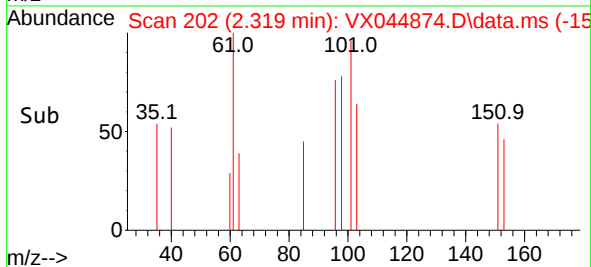
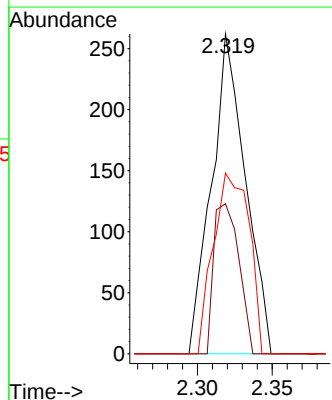
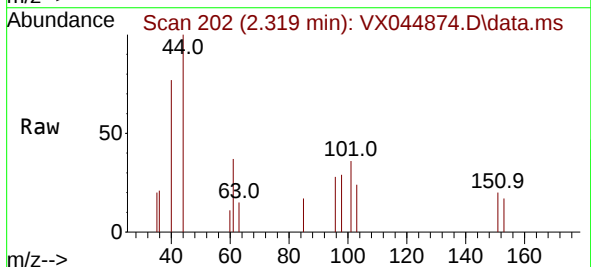
Instrument :
MSVOA_X
ClientSampleId :

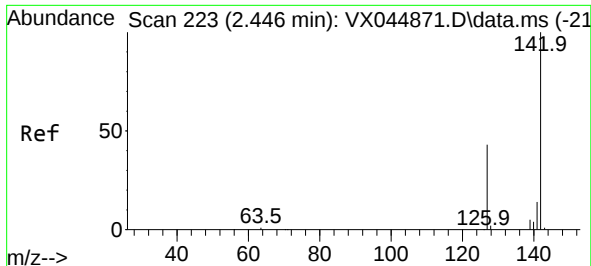
Tgt Ion:101 Resp: 501
Ion Ratio Lower Upper
101 100
103 41.6 52.4 78.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.342 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

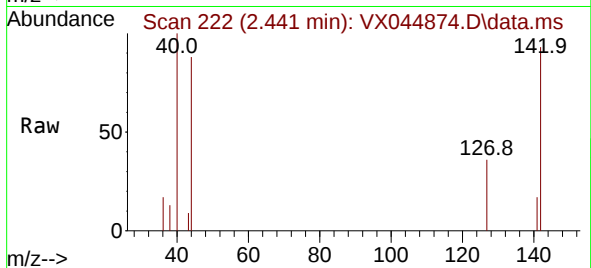
Tgt Ion:101 Resp: 413
Ion Ratio Lower Upper
101 100
85 34.9 35.7 53.5#
151 59.8 56.0 84.0



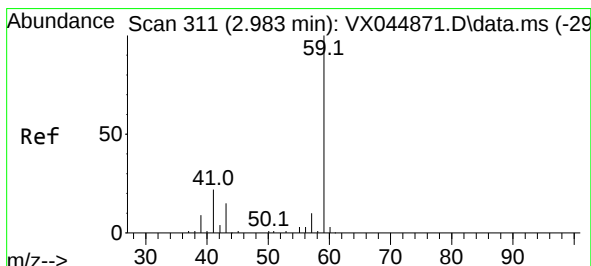
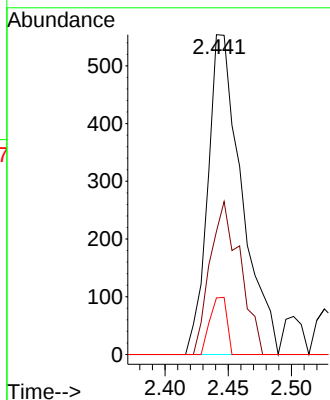
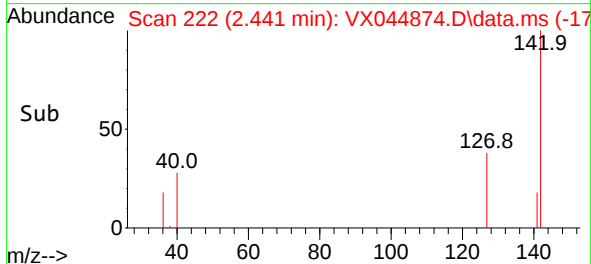


#10
Methyl Iodide
Concen: 0.661 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Instrument :
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ClientSampleId :

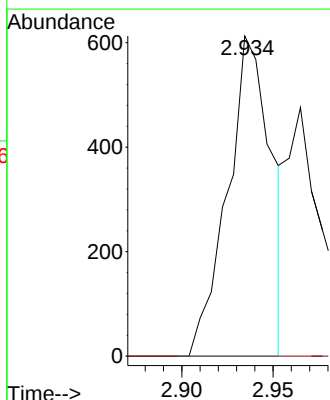
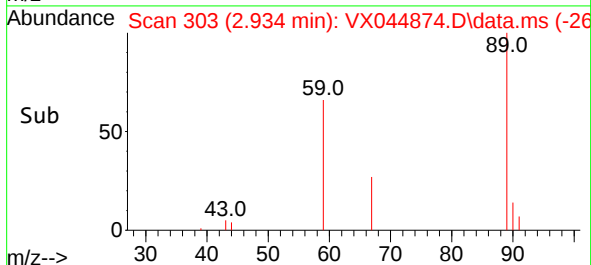
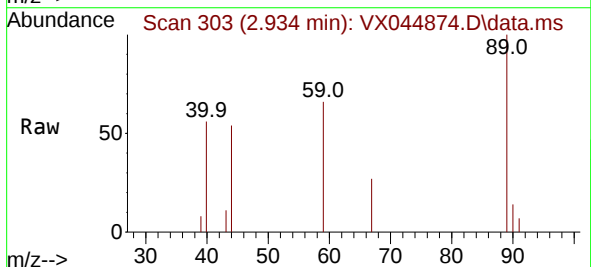


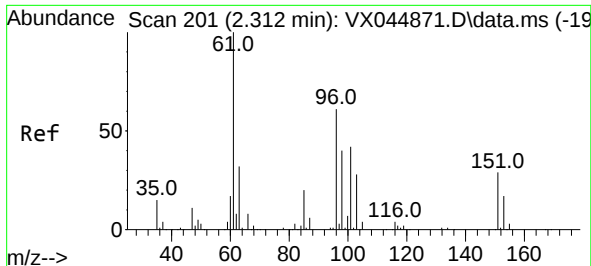
Tgt Ion:142 Resp: 1034
Ion Ratio Lower Upper
142 100
127 42.5 34.3 51.5
141 8.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: 3.922 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.048 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 59 Resp: 1018
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#12

1,1-Dichloroethene

Concen: 0.402 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

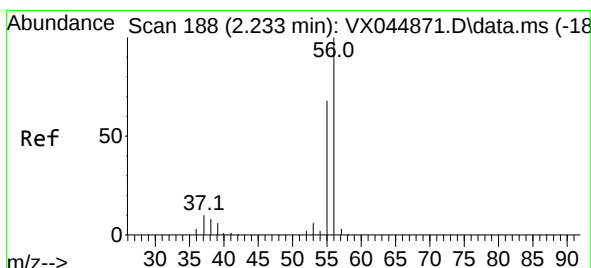
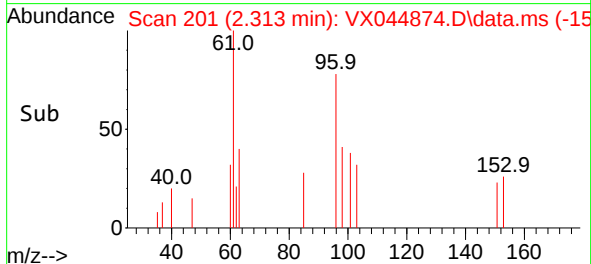
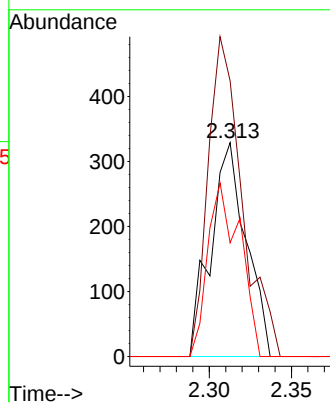
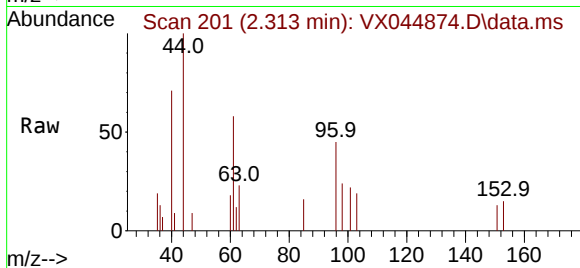
Tgt Ion: 96 Resp: 495

Ion Ratio Lower Upper

96 100

61 128.9 130.2 195.4#

98 53.2 52.2 78.4



#13

Acrolein

Concen: 2.565 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX044874.D

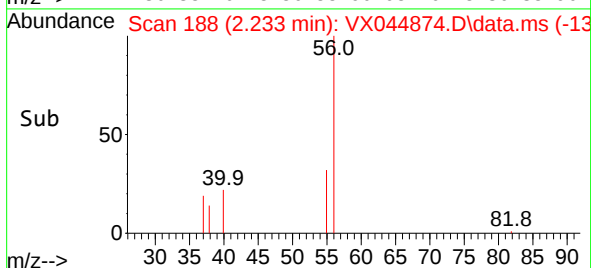
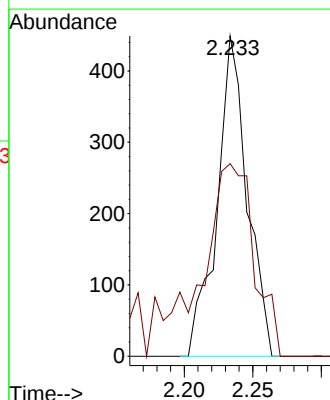
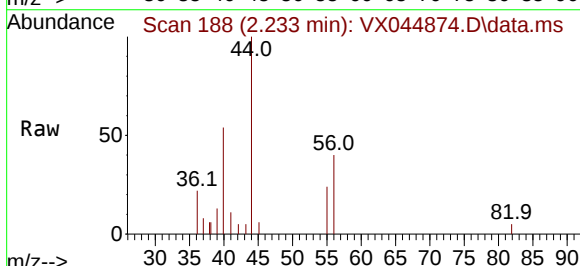
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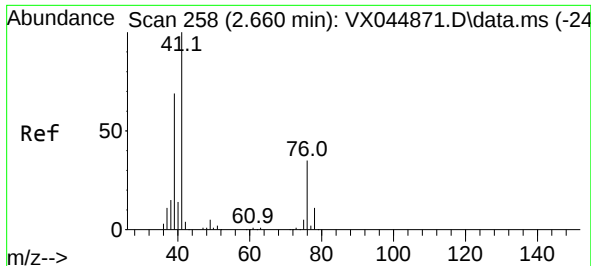
Tgt Ion: 56 Resp: 687

Ion Ratio Lower Upper

56 100

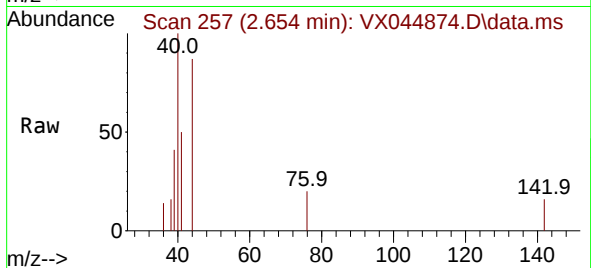
55 107.4 55.7 83.5#



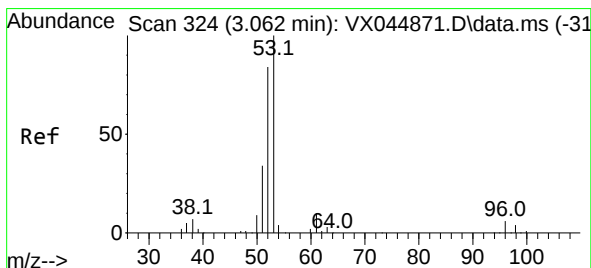
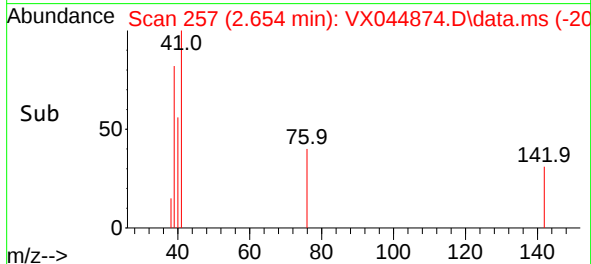
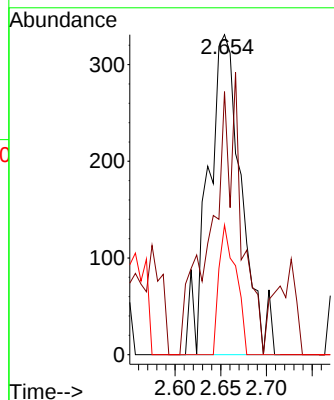


#14
 Allyl chloride
 Concen: 0.376 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX044874.D
 Acq: 10 Feb 2025 12:51

Instrument :
 MSVOA_X
 ClientSampleId :

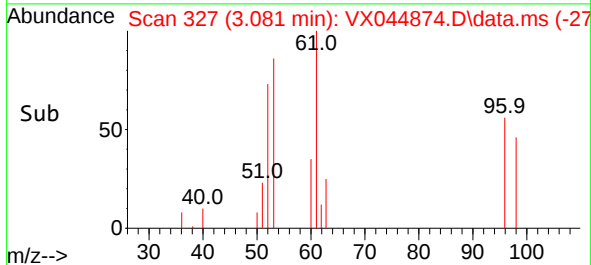
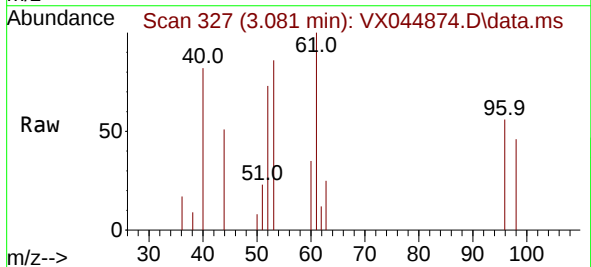
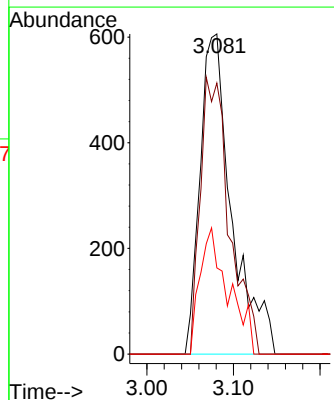


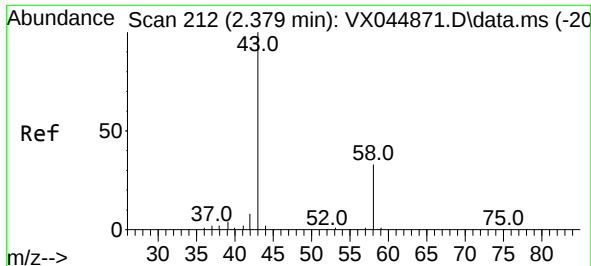
Tgt Ion: 41 Resp: 838
 Ion Ratio Lower Upper
 41 100
 39 78.3 51.4 77.2#
 76 0.0 27.0 40.4#



#15
 Acrylonitrile
 Concen: 2.224 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.019 min
 Lab File: VX044874.D
 Acq: 10 Feb 2025 12:51

Tgt Ion: 53 Resp: 1541
 Ion Ratio Lower Upper
 53 100
 52 79.7 65.0 97.6
 51 35.6 28.0 42.0

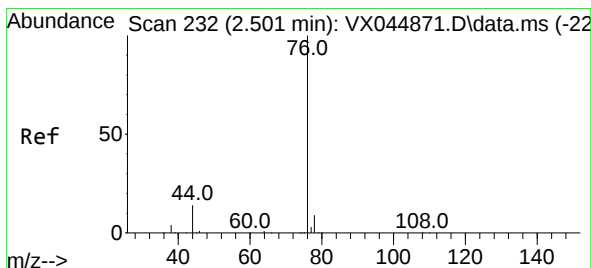
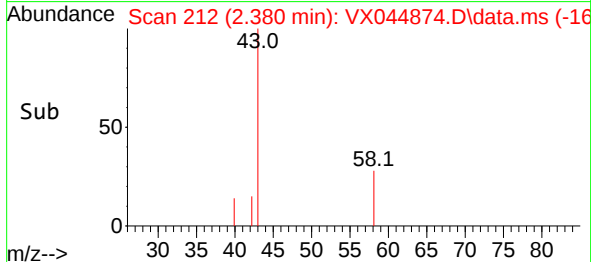
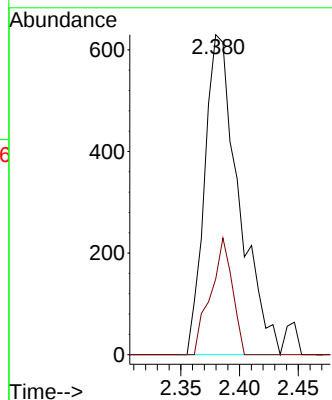
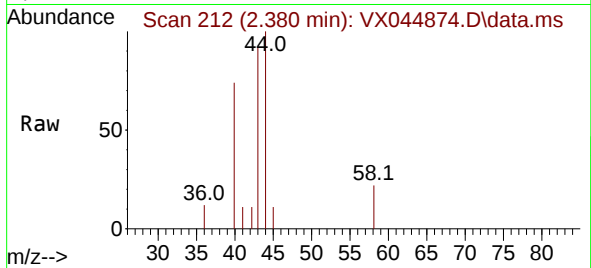




#16
Acetone
Concen: 2.263 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

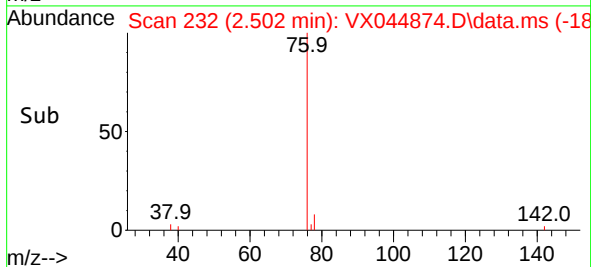
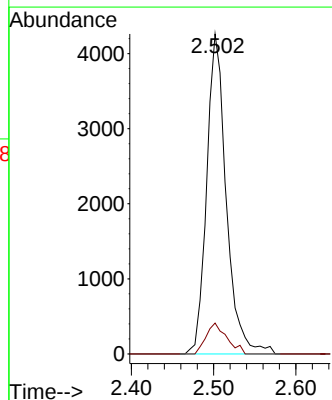
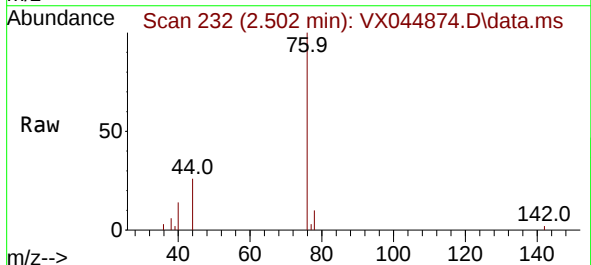
Instrument :
MSVOA_X
ClientSampleId :

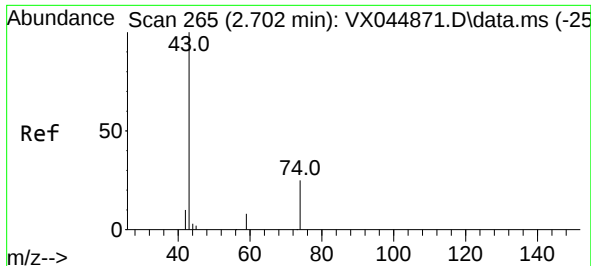
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 23.7 26.5 39.7#



#17
Carbon Disulfide
Concen: 2.086 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 76 Resp: 7048
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

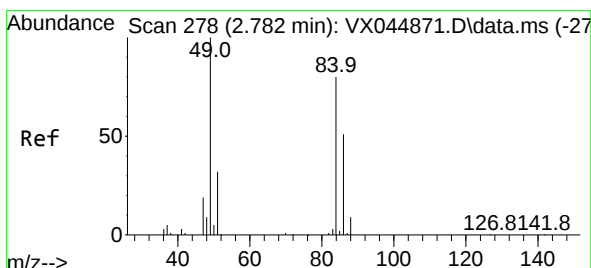
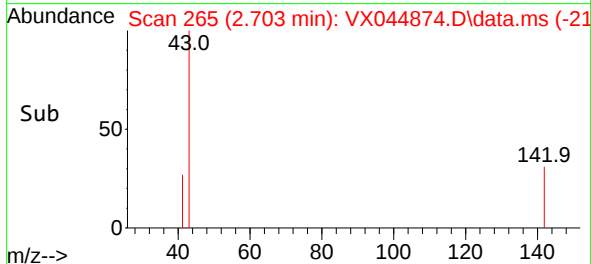
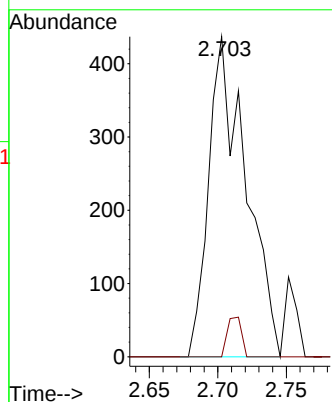
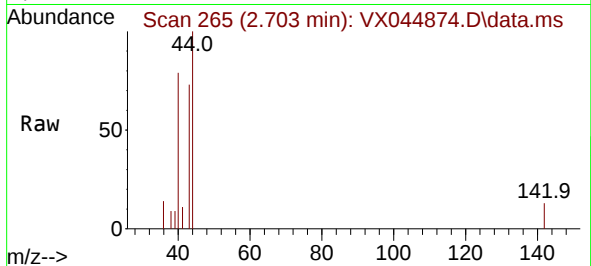




#18
Methyl Acetate
Concen: 0.464 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

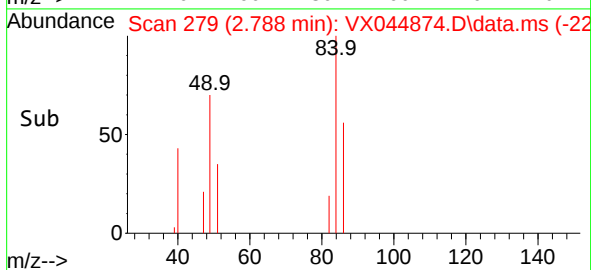
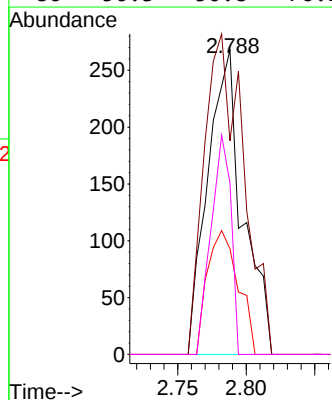
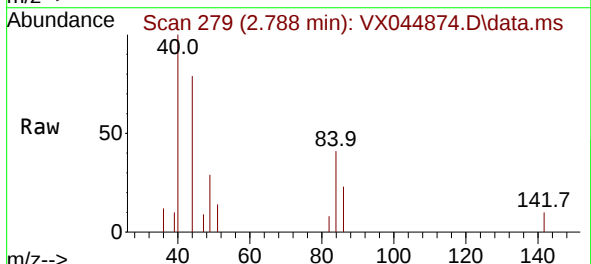
Instrument :
MSVOA_X
ClientSampleId :

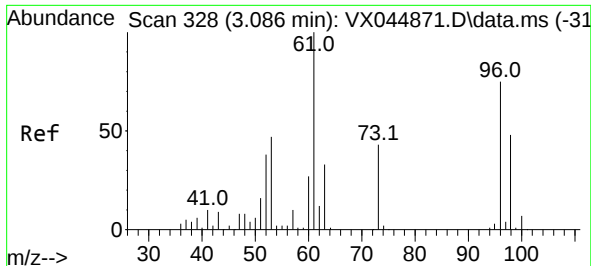
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
74 4.7 18.9 28.3#



#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

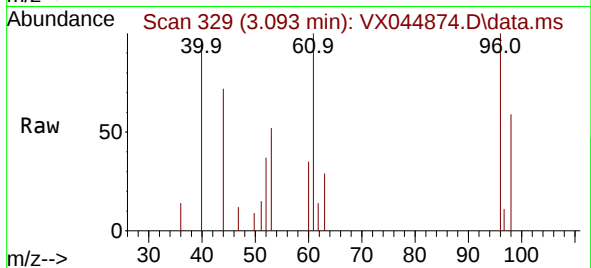
Tgt Ion: 84 Resp: 475
Ion Ratio Lower Upper
84 100
49 70.1 100.1 150.1#
51 34.7 31.7 47.5
86 56.3 50.8 76.2



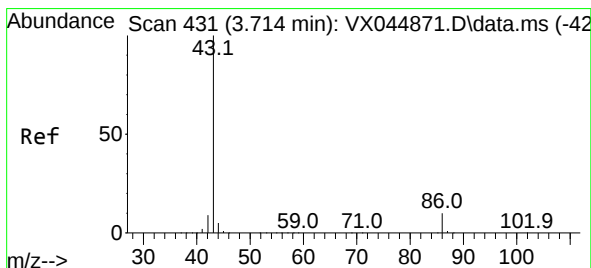
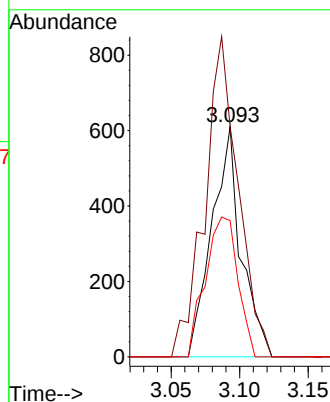
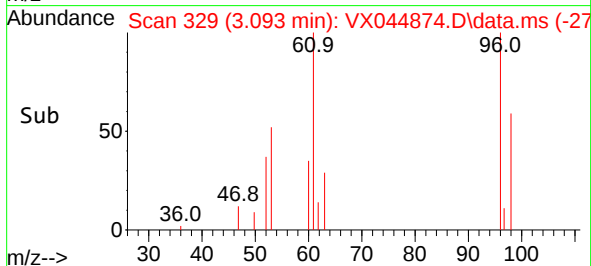


#21
trans-1,2-Dichloroethene
Concen: 0.745 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :

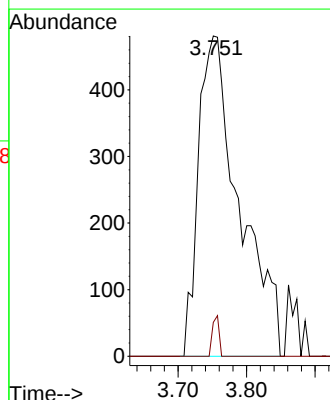
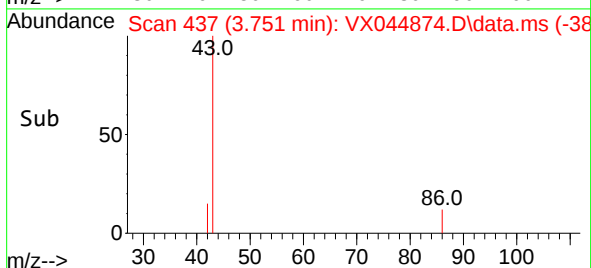
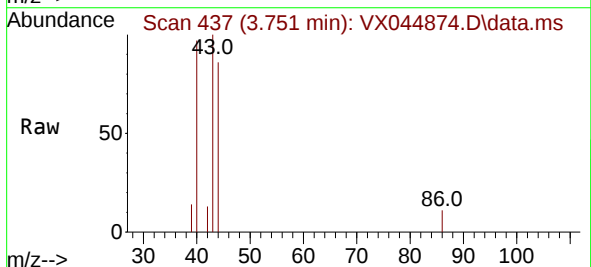


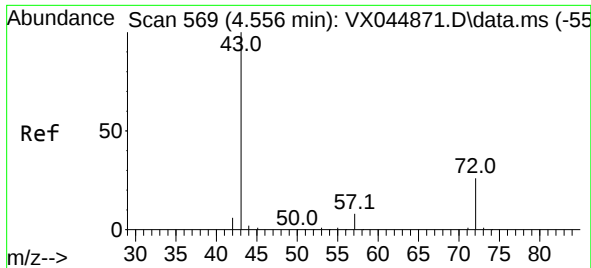
Tgt Ion: 96 Resp: 903
Ion Ratio Lower Upper
96 100
61 100.0 106.0 159.0#
98 59.2 50.6 76.0



#23
Vinyl Acetate
Concen: 0.584 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.037 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 43 Resp: 2004
Ion Ratio Lower Upper
43 100
86 10.6 8.3 12.5

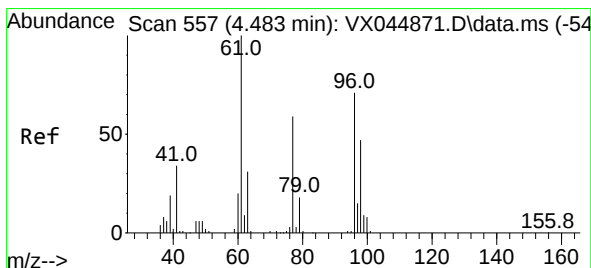
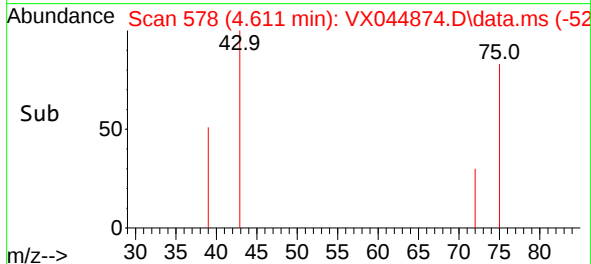
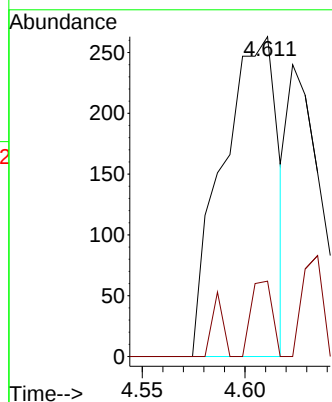
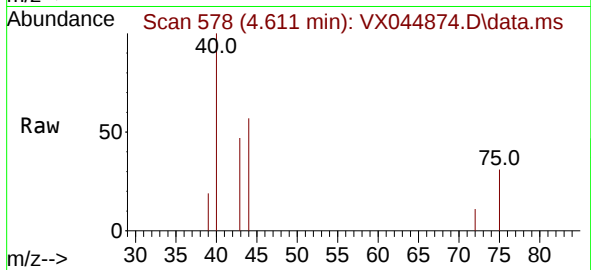




#25
2-Butanone
Concen: 0.540 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

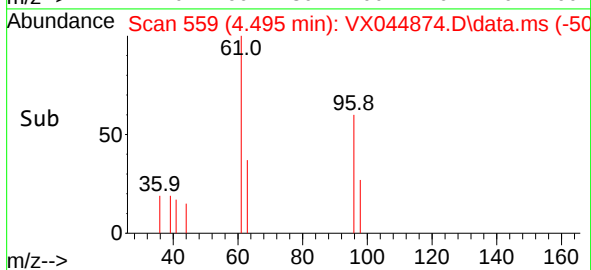
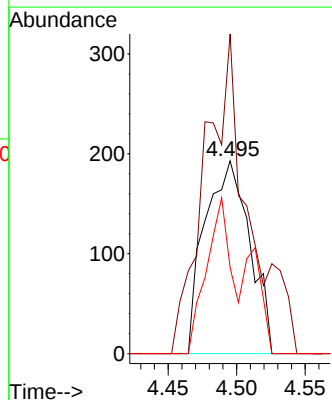
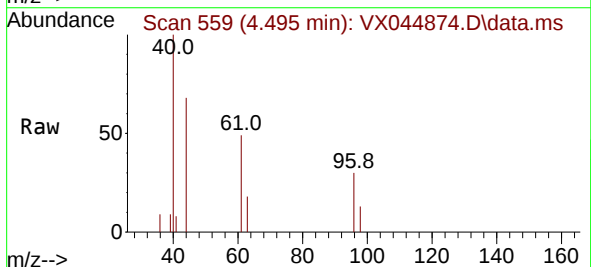
Instrument :
MSVOA_X
ClientSampleId :

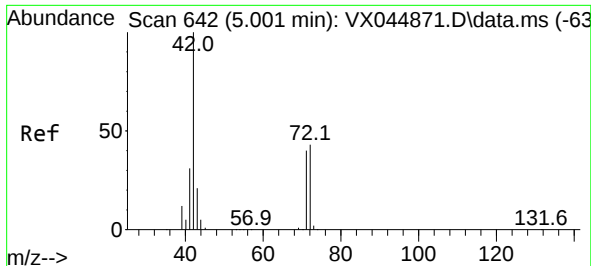
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
72 23.6 21.2 31.8



#27
cis-1,2-Dichloroethene
Concen: 0.302 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.013 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 96 Resp: 440
Ion Ratio Lower Upper
96 100
61 161.1 0.0 294.0
98 44.8 0.0 131.2





#29

Tetrahydrofuran

Concen: 0.918 ug/l

RT: 5.038 min Scan# 642

Delta R.T. 0.037 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

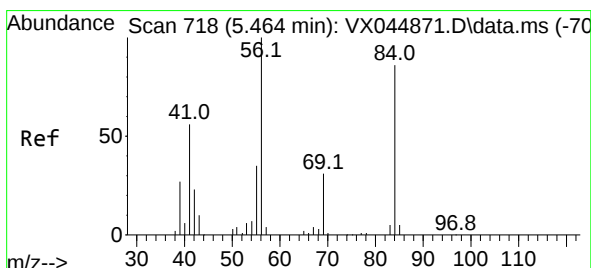
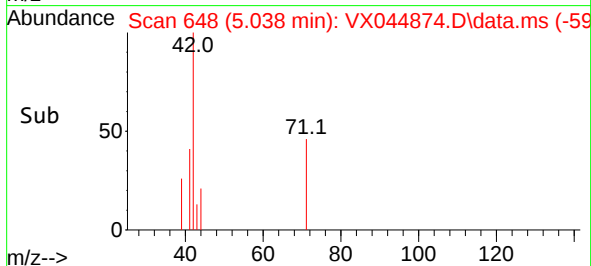
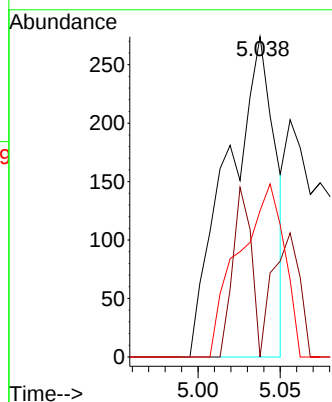
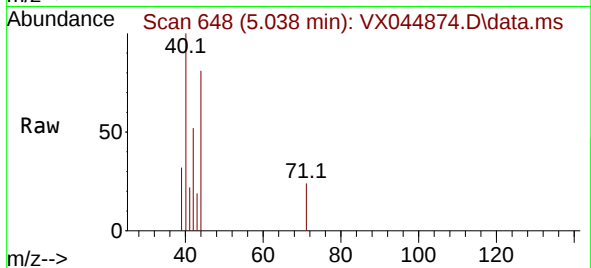
Tgt Ion: 42 Resp: 557

Ion Ratio Lower Upper

42 100

72 21.5 35.0 52.4#

71 51.2 32.6 48.8#



#31

Cyclohexane

Concen: 0.258 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

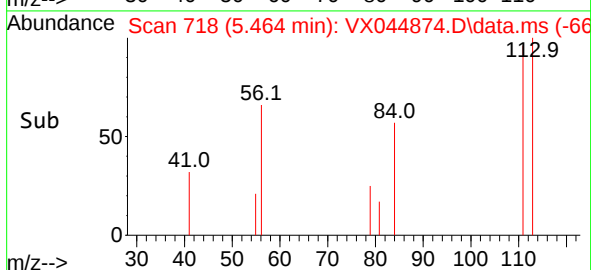
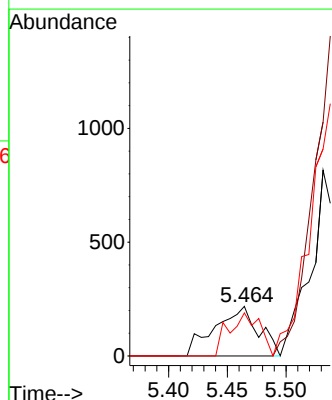
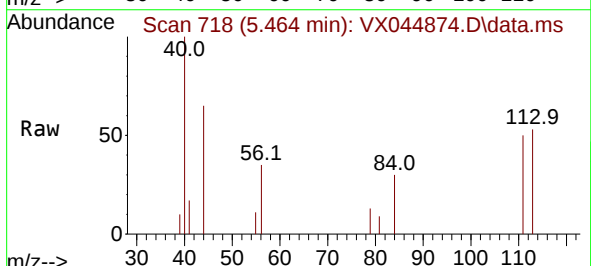
Tgt Ion: 56 Resp: 560

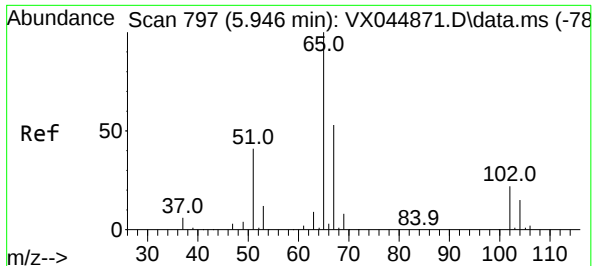
Ion Ratio Lower Upper

56 100

69 0.0 24.4 36.6#

84 86.7 69.0 103.6





#33

1,2-Dichloroethane-d4

Concen: 53.428 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

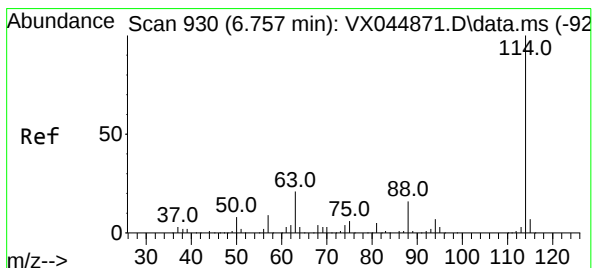
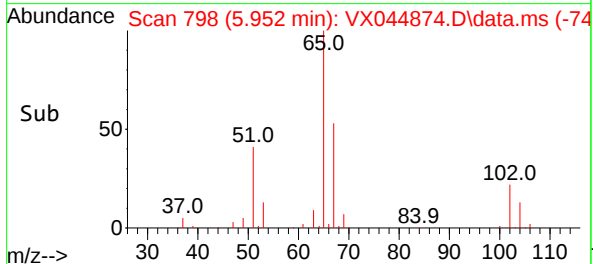
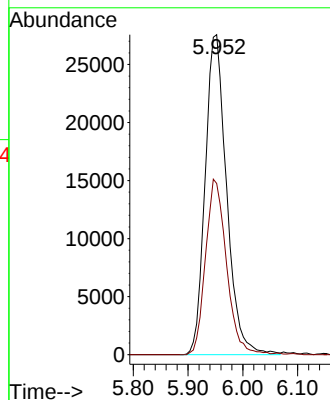
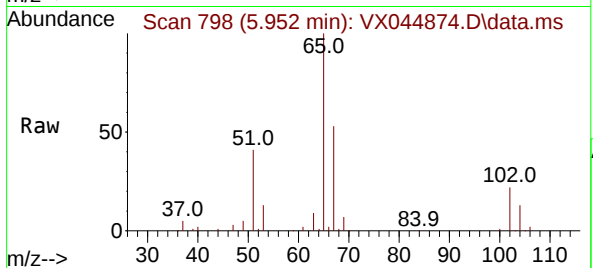
ClientSampleId :

Tgt Ion: 65 Resp: 74755

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

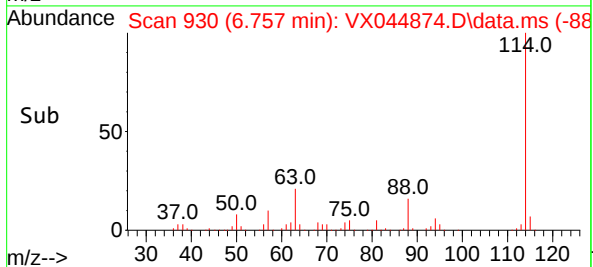
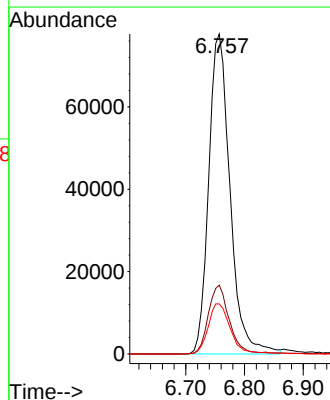
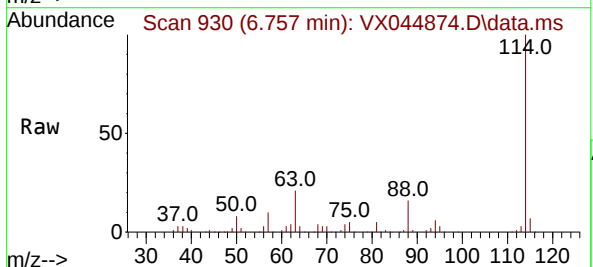
Tgt Ion: 114 Resp: 195583

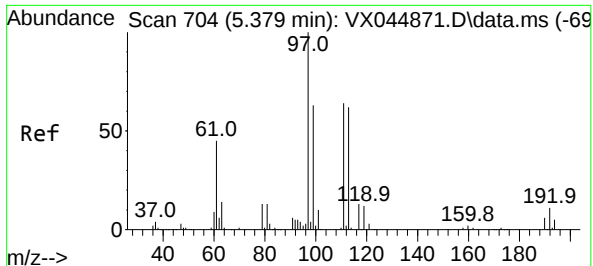
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.642 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

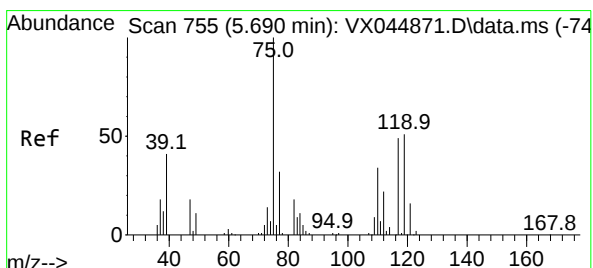
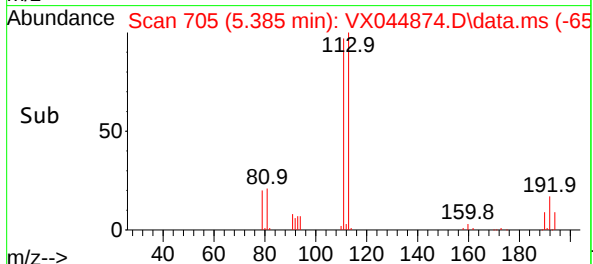
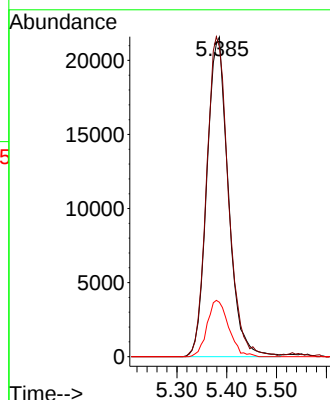
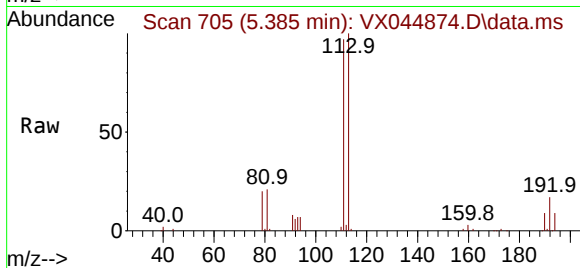
Tgt Ion:113 Resp: 64397

Ion Ratio Lower Upper

113 100

111 101.8 83.5 125.3

192 17.7 14.4 21.6



#36

1,1-Dichloropropene

Concen: 0.517 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.013 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

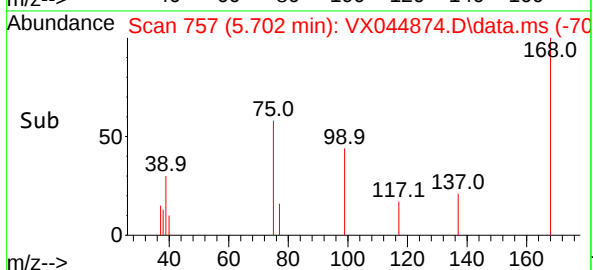
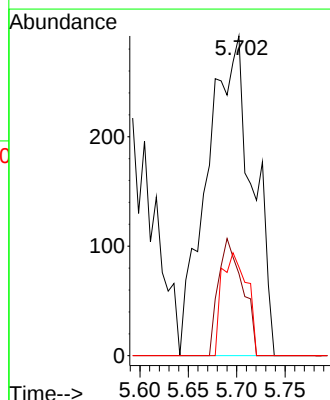
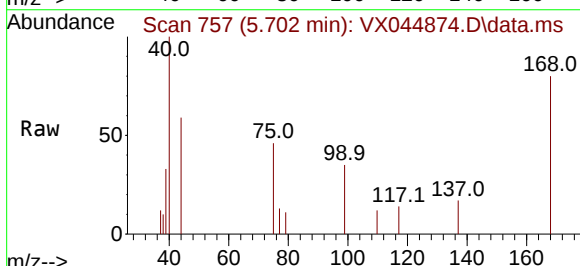
Tgt Ion: 75 Resp: 949

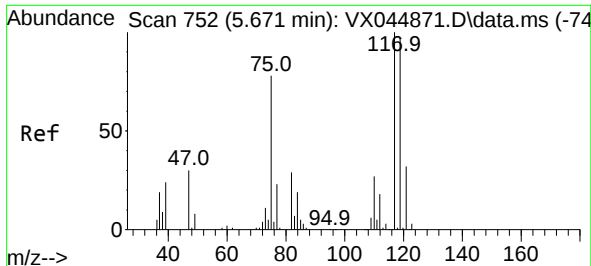
Ion Ratio Lower Upper

75 100

110 19.7 17.2 51.6

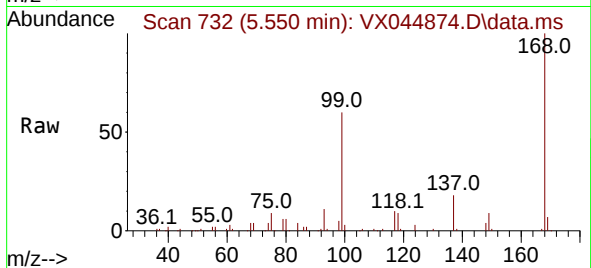
77 17.9 24.6 37.0#



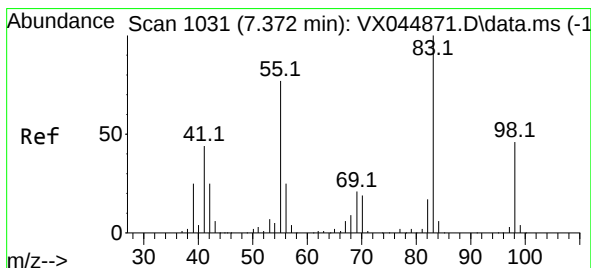
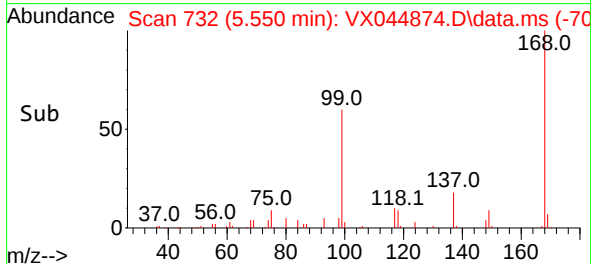
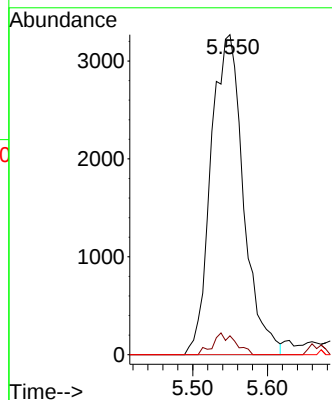


#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :

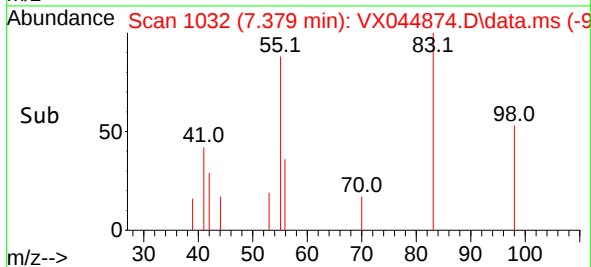
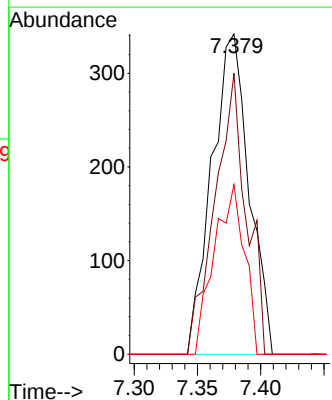
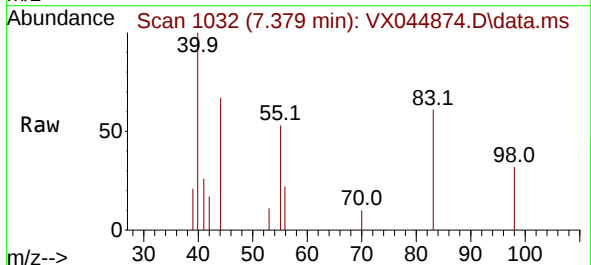


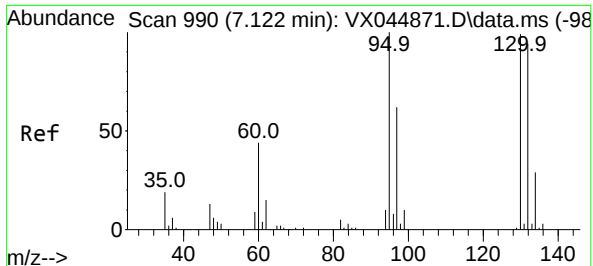
Tgt Ion:117 Resp: 9880
Ion Ratio Lower Upper
117 100
119 5.9 77.5 116.3#
121 0.0 25.6 38.4#



#39
Methylcyclohexane
Concen: 0.295 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 83 Resp: 700
Ion Ratio Lower Upper
83 100
55 87.7 61.3 91.9
98 52.9 37.0 55.6

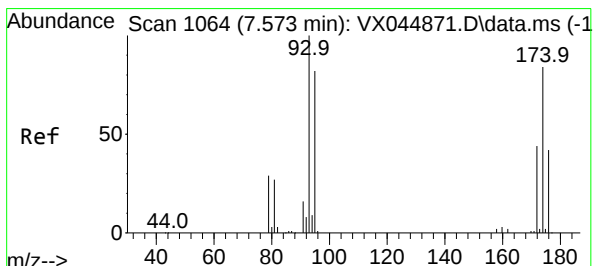
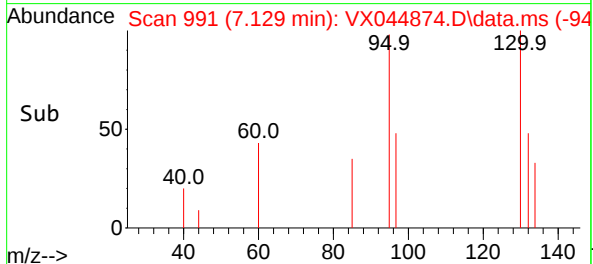
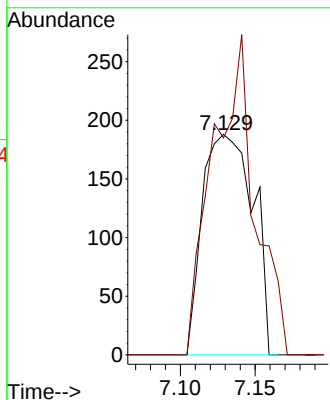
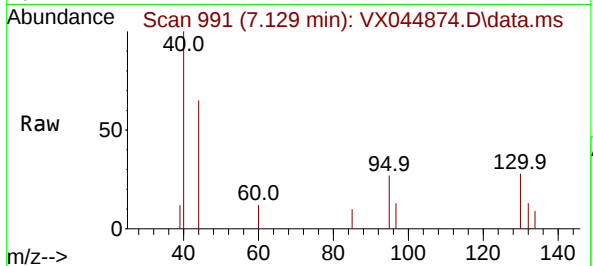




#44
Trichloroethene
Concen: 0.339 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

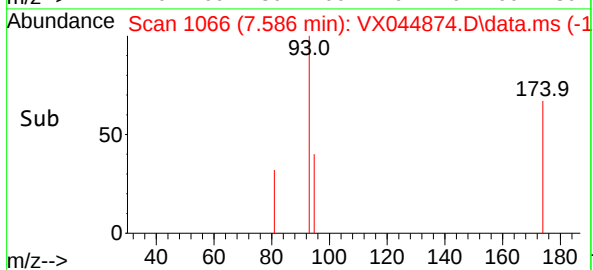
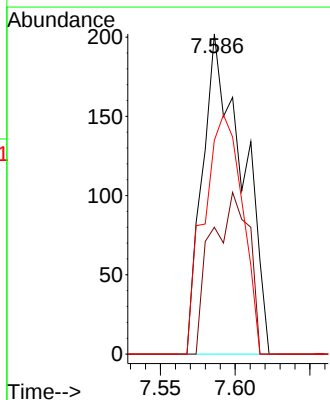
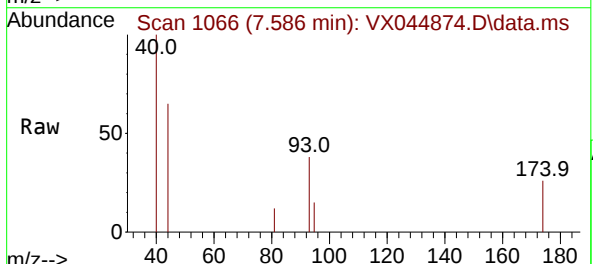
Instrument :
MSVOA_X
ClientSampleId :

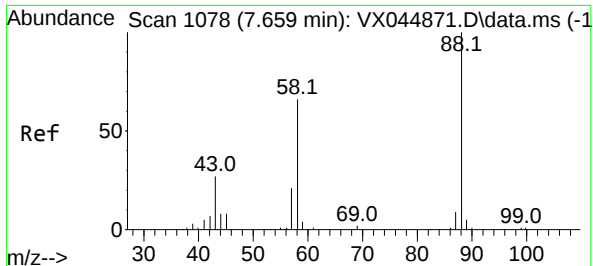
Tgt Ion:130 Resp: 444
Ion Ratio Lower Upper
130 100
95 98.4 0.0 202.4



#46
Dibromomethane
Concen: 0.378 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.013 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 93 Resp: 374
Ion Ratio Lower Upper
93 100
95 47.6 66.2 99.4#
174 72.2 69.9 104.9





#49

1,4-Dioxane

Concen: 10.379 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.031 min

Lab File: VX044874.D

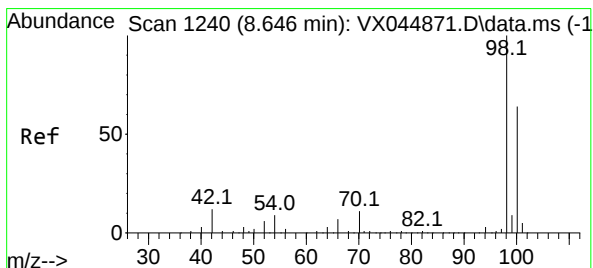
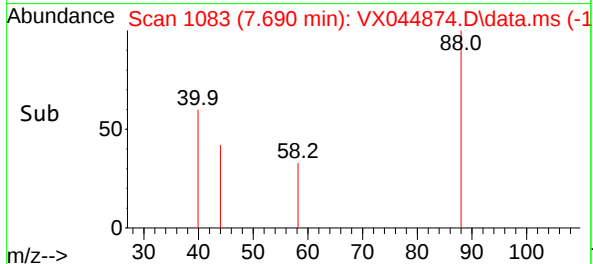
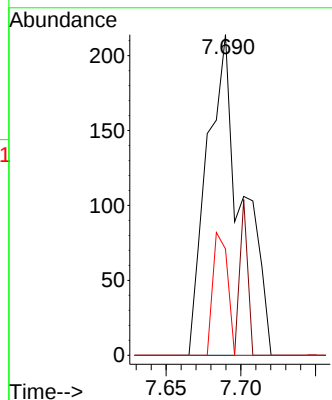
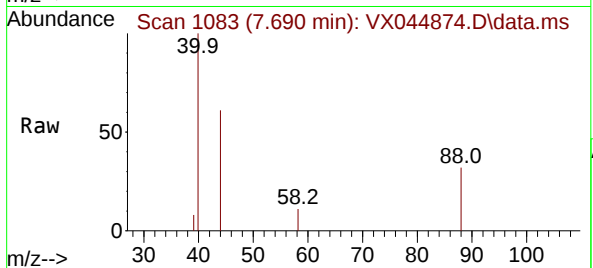
Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp:	346
Ion	Ratio	Lower Upper
88	100	
43	11.0	26.6 39.8#
58	16.2	55.9 83.9#



#50

Toluene-d8

Concen: 51.066 ug/l

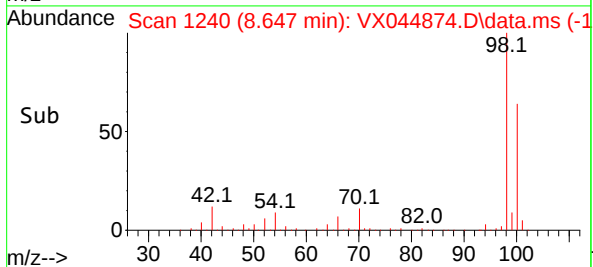
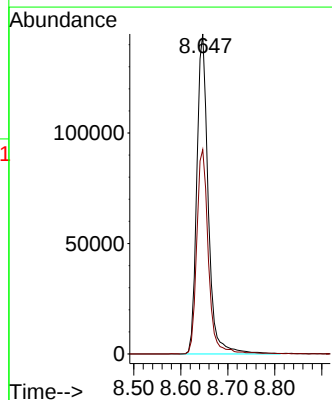
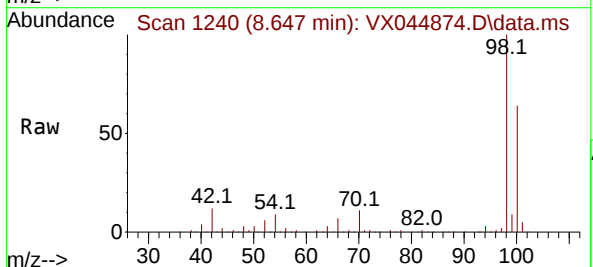
RT: 8.647 min Scan# 1240

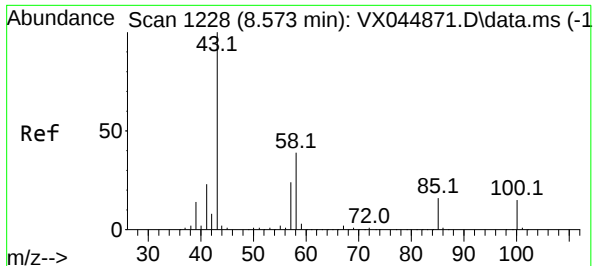
Delta R.T. 0.000 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Tgt Ion: 98	Resp:	245551
Ion	Ratio	Lower Upper
98	100	
100	65.1	52.7 79.1

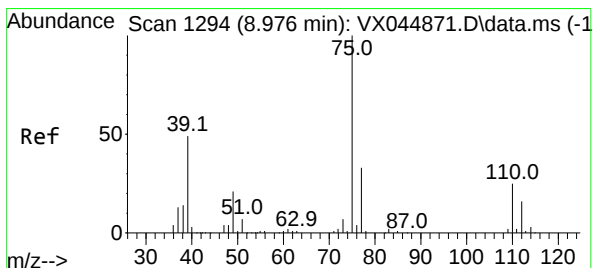
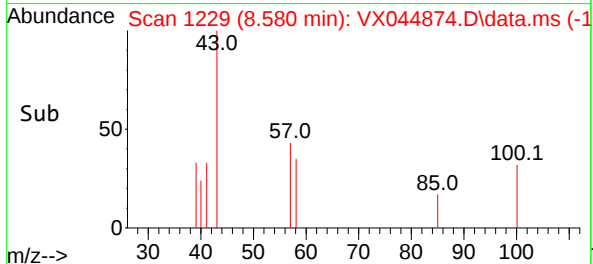
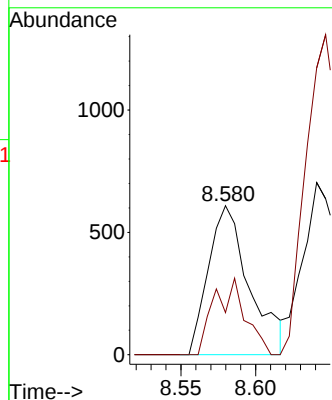
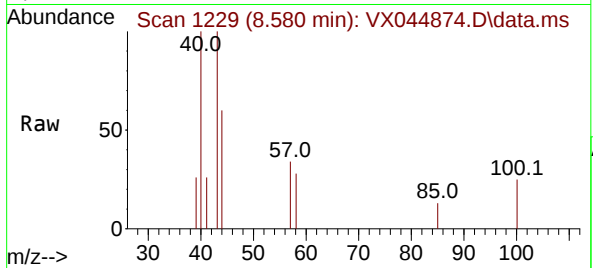




#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 8.580 min Scan# 1163
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

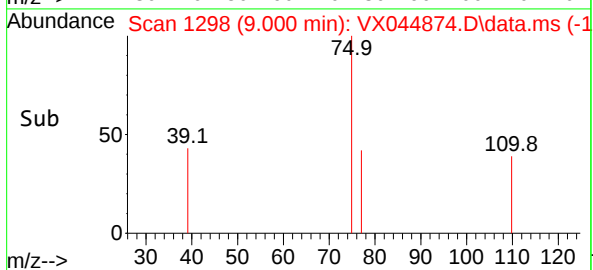
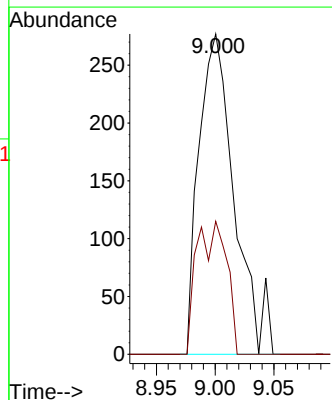
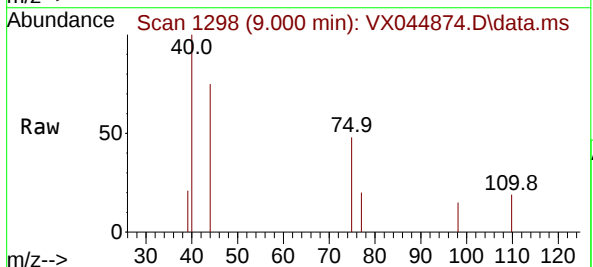
Instrument :
MSVOA_X
ClientSampleId :

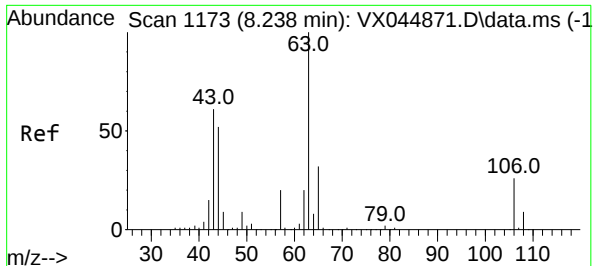
Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 39.0 30.8 46.2



#53
t-1,3-Dichloropropene
Concen: 0.300 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.025 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 75 Resp: 581
Ion Ratio Lower Upper
75 100
77 41.5 26.0 39.0#

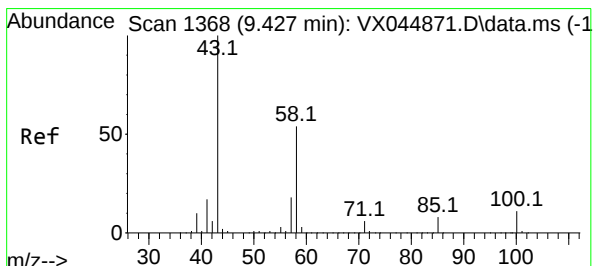
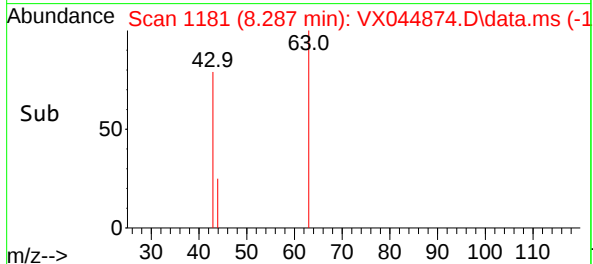
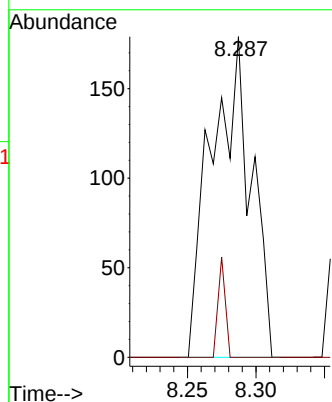
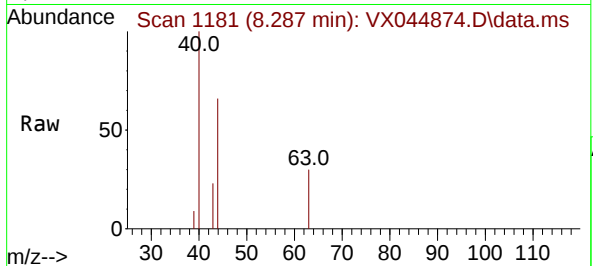




#58
2-Chloroethyl Vinyl ether
Concen: 0.347 ug/l
RT: 8.287 min Scan# 1181
Delta R.T. 0.049 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

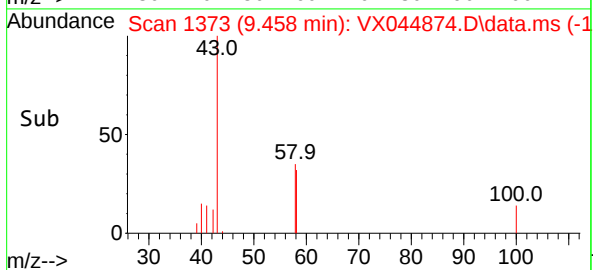
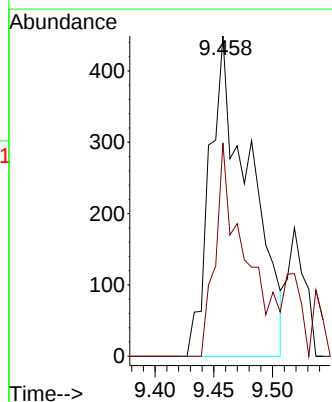
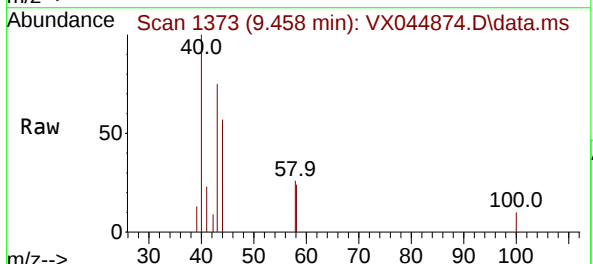
Instrument :
MSVOA_X
ClientSampleId :

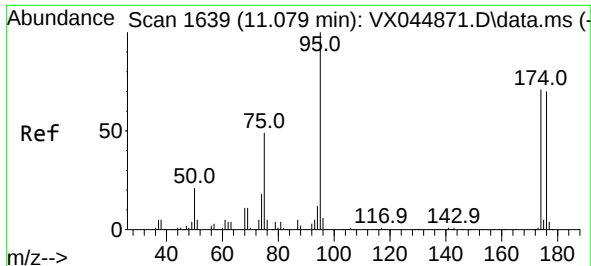
Tgt Ion: 63 Resp: 361
Ion Ratio Lower Upper
63 100
106 5.5 21.3 31.9#



#59
2-Hexanone
Concen: 0.734 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.031 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 51.0 27.5 82.4

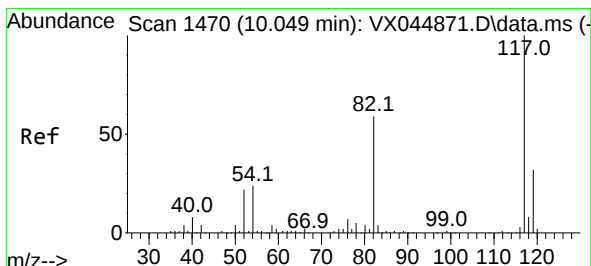
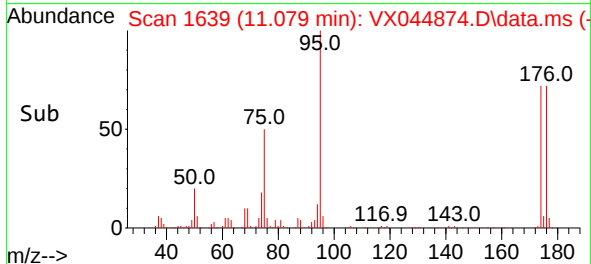
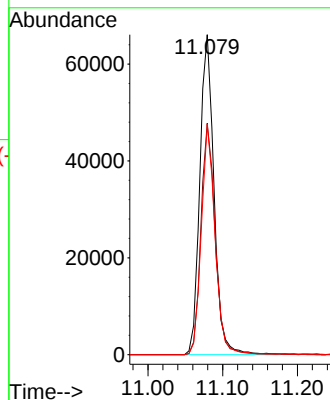
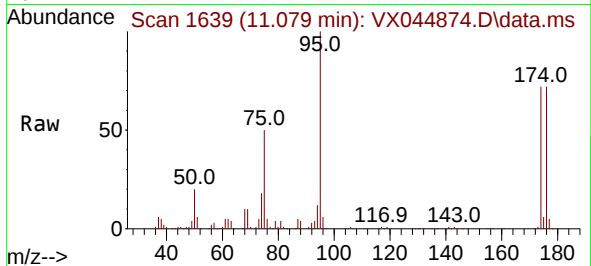




#62
4-Bromofluorobenzene
Concen: 53.740 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

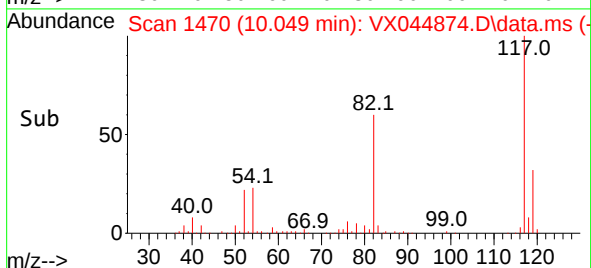
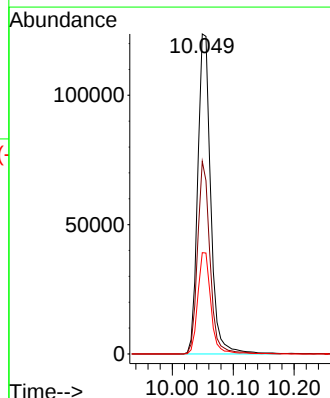
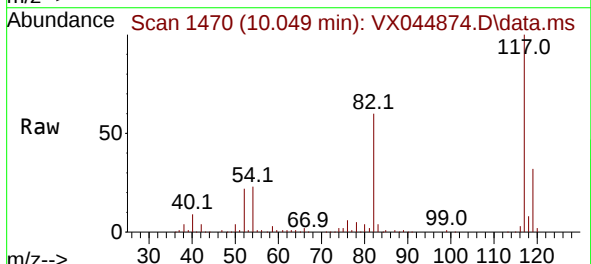
Instrument :
MSVOA_X
ClientSampleId :

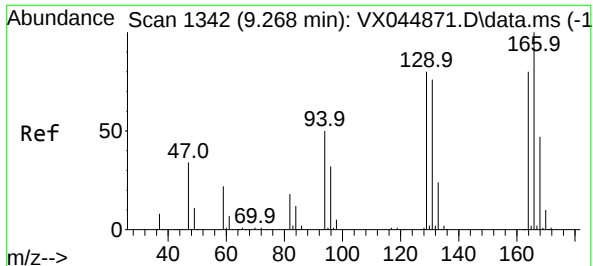
Tgt Ion: 95 Resp: 87115
Ion Ratio Lower Upper
95 100
174 72.7 0.0 142.6
176 69.8 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 117 Resp: 182959
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 31.6 25.4 38.0





#64

Tetrachloroethene

Concen: 0.398 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.006 min

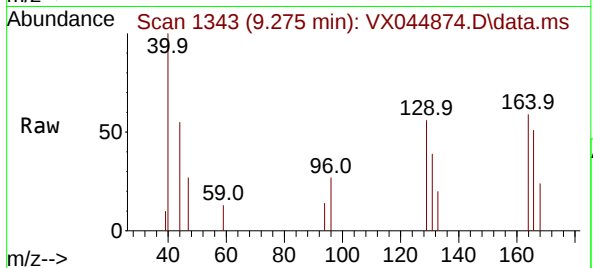
Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp: 459

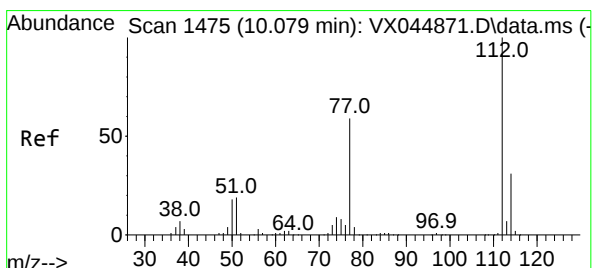
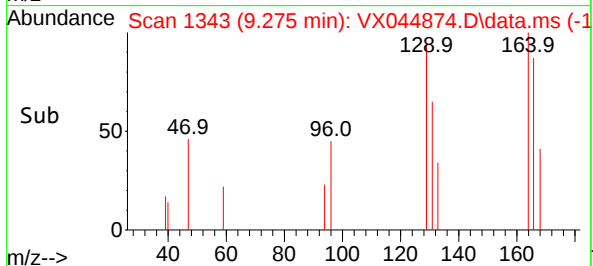
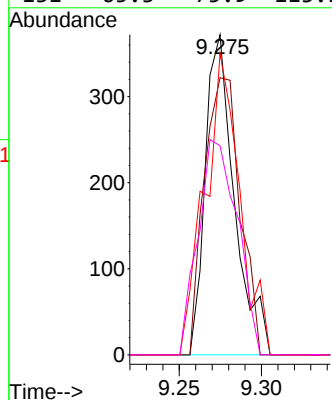
Ion Ratio Lower Upper

164 100

166 86.6 100.4 150.6#

129 94.1 79.9 119.9

131 65.3 75.9 113.9#



#65

Chlorobenzene

Concen: 0.263 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VX044874.D

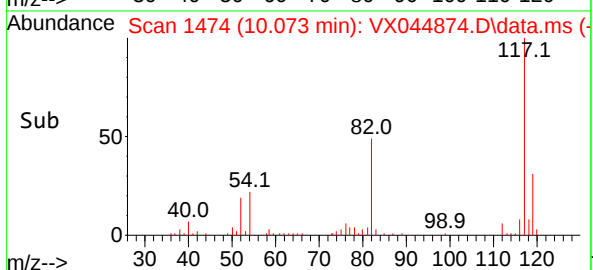
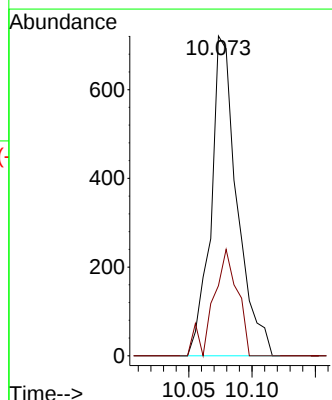
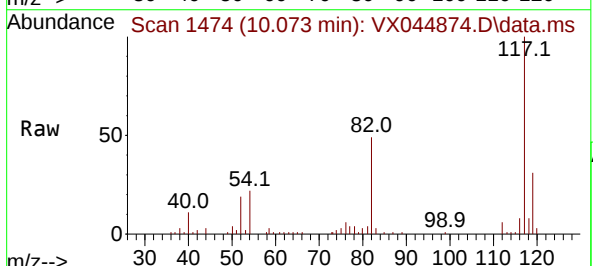
Acq: 10 Feb 2025 12:51

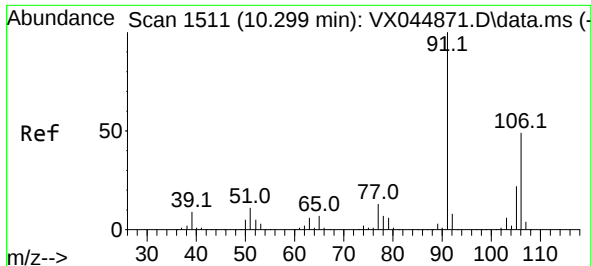
Tgt Ion:112 Resp: 1034

Ion Ratio Lower Upper

112 100

114 21.9 25.0 37.6#

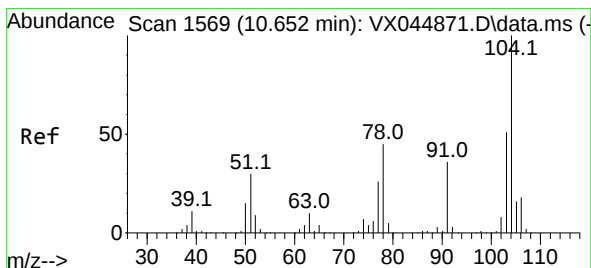
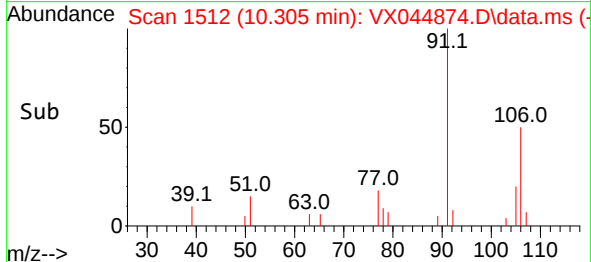
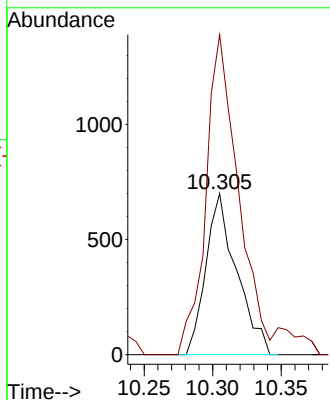
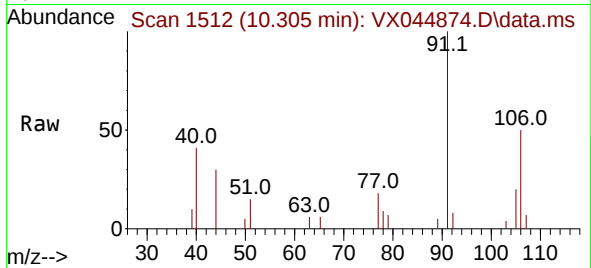




#68
m/p-Xylenes
Concen: 0.426 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

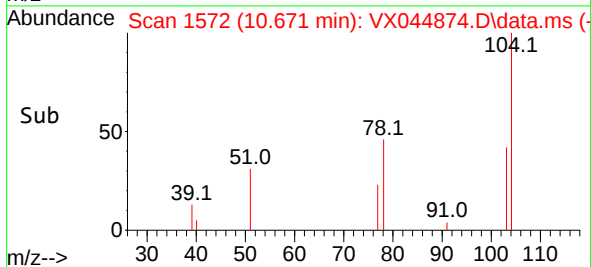
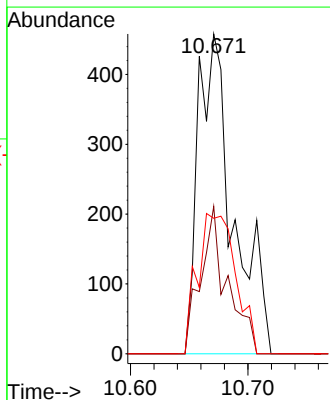
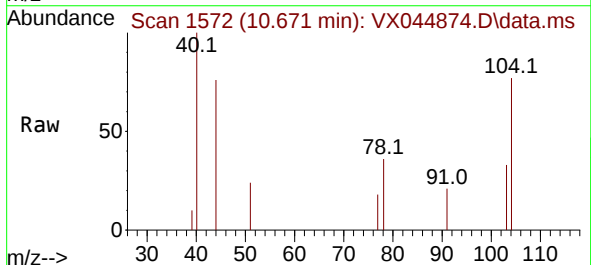
Instrument :
MSVOA_X
ClientSampleId :

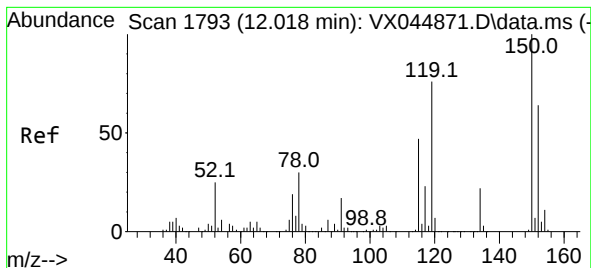
Tgt Ion:106 Resp: 1091
Ion Ratio Lower Upper
106 100
91 208.9 164.3 246.5



#70
Styrene
Concen: 0.229 ug/l
RT: 10.671 min Scan# 1572
Delta R.T. 0.019 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion:104 Resp: 947
Ion Ratio Lower Upper
104 100
78 35.0 40.5 60.7#
103 47.7 43.6 65.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

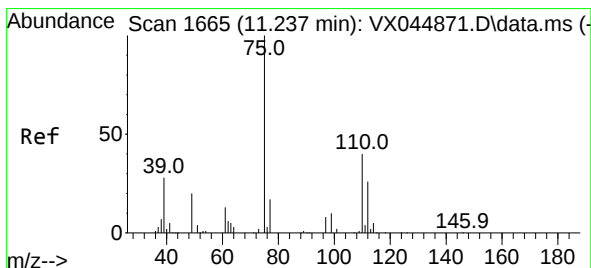
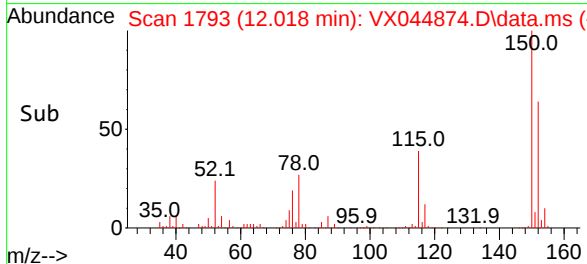
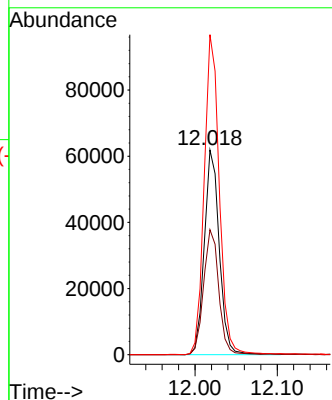
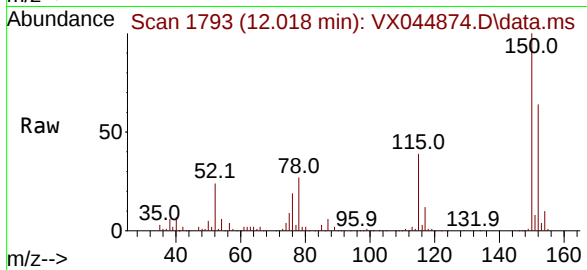
Tgt Ion:152 Resp: 78253

Ion Ratio Lower Upper

152 100

115 61.8 43.4 130.1

150 158.0 0.0 350.4



#76

1,2,3-Trichloropropane

Concen: 25.662 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044874.D

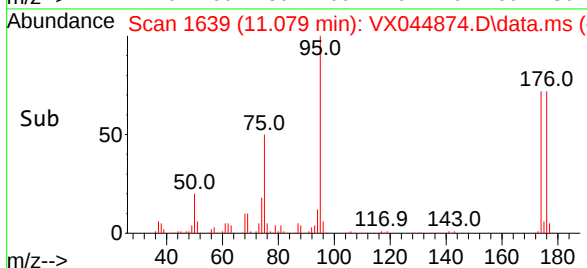
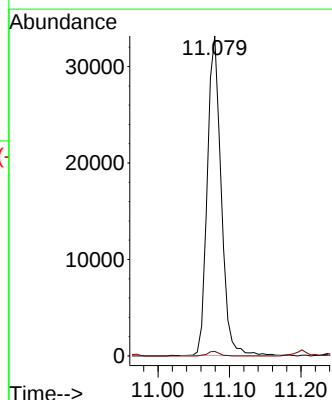
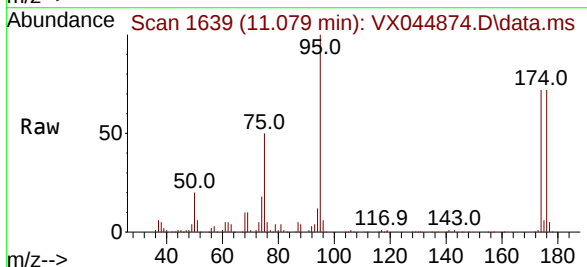
Acq: 10 Feb 2025 12:51

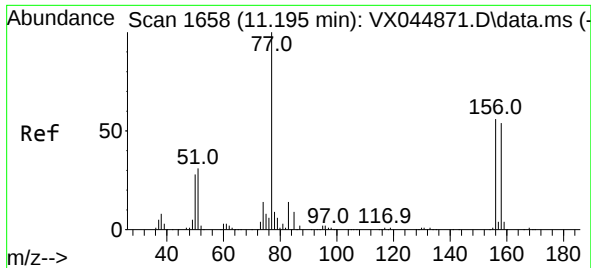
Tgt Ion: 75 Resp: 44523

Ion Ratio Lower Upper

75 100

77 1.3 21.9 65.7#

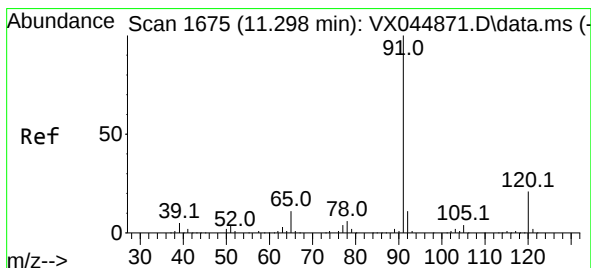
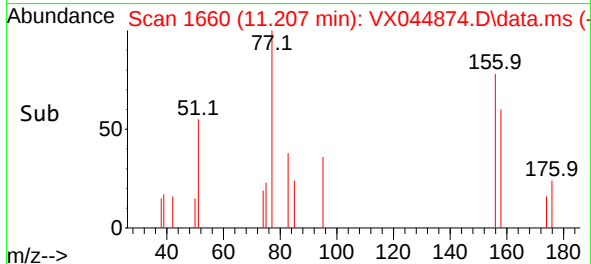
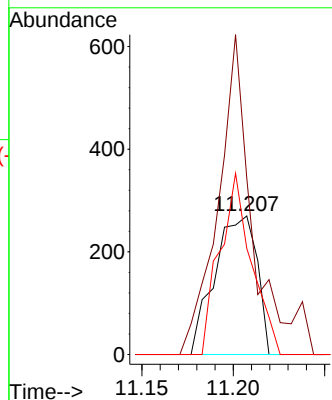
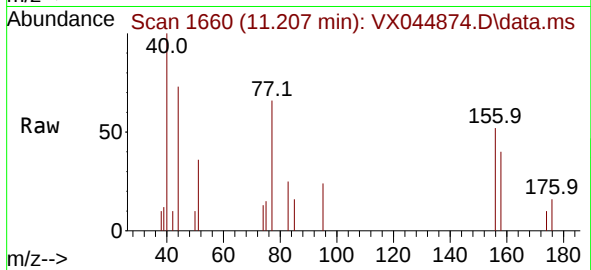




#77
Bromobenzene
Concen: 0.305 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.013 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

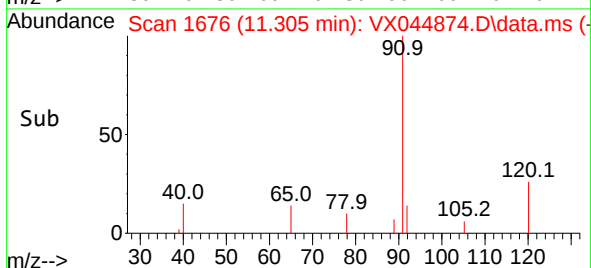
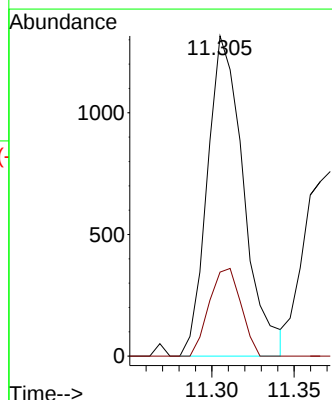
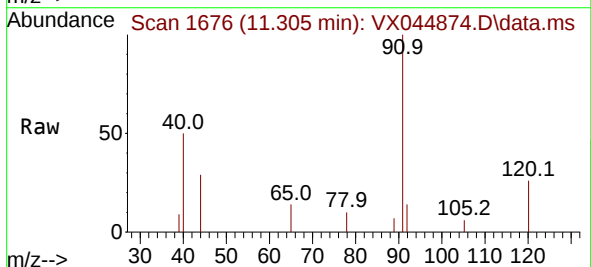
Instrument :
MSVOA_X
ClientSampleId :

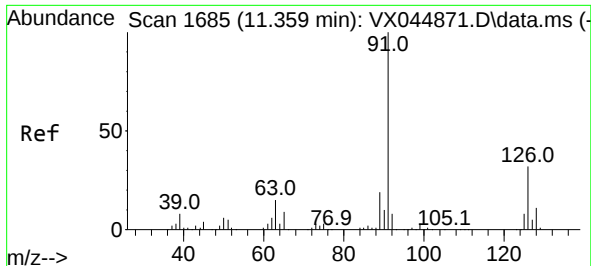
Tgt Ion:156 Resp: 435
Ion Ratio Lower Upper
156 100
77 189.9 88.4 265.3
158 98.2 48.4 145.2



#78
n-propylbenzene
Concen: 0.278 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 91 Resp: 2021
Ion Ratio Lower Upper
91 100
120 23.9 11.1 33.3





#79

2-Chlorotoluene

Concen: 0.263 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

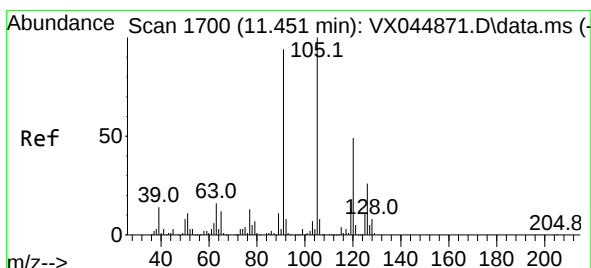
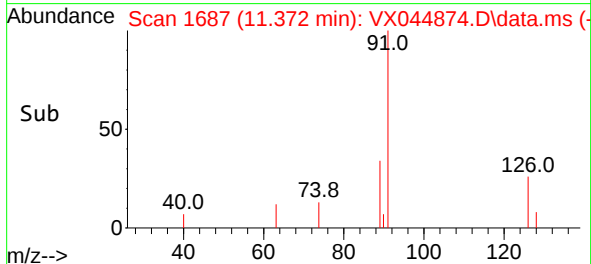
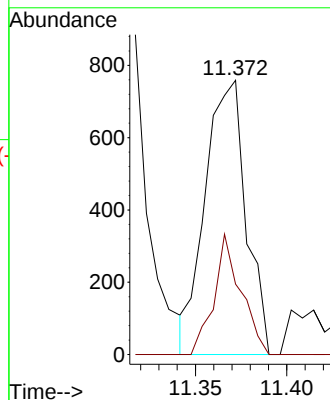
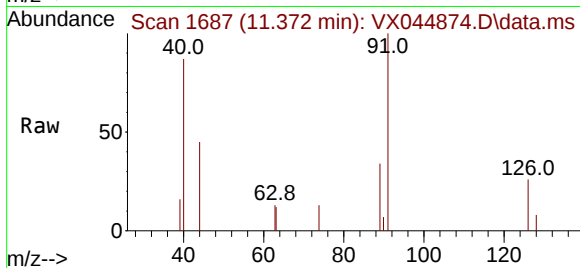
ClientSampleId :

Tgt Ion: 91 Resp: 1175

Ion Ratio Lower Upper

91 100

126 29.1 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 0.227 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044874.D

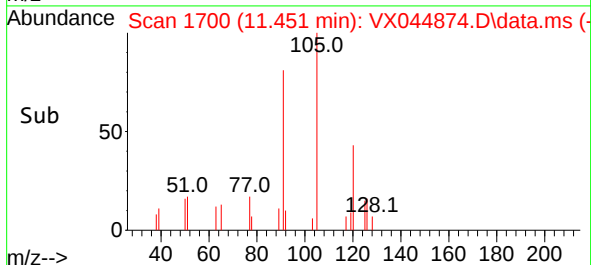
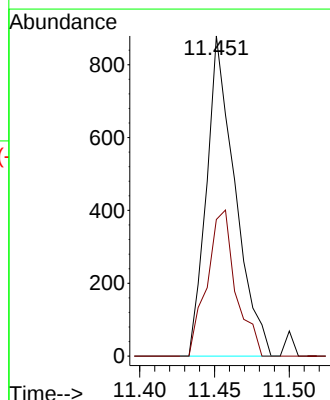
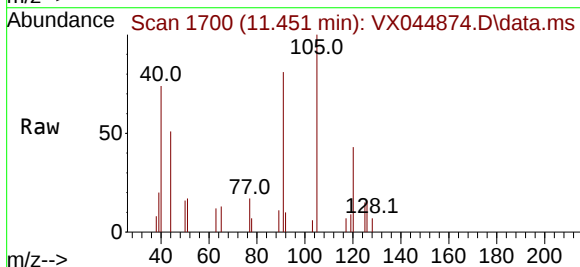
Acq: 10 Feb 2025 12:51

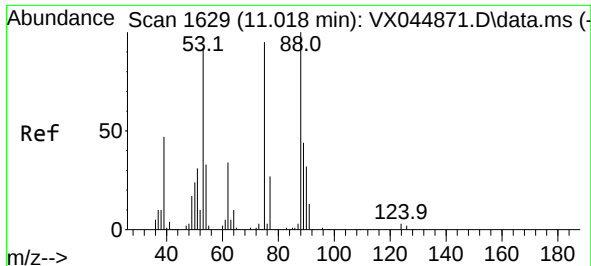
Tgt Ion: 105 Resp: 1163

Ion Ratio Lower Upper

105 100

120 46.1 24.0 72.0

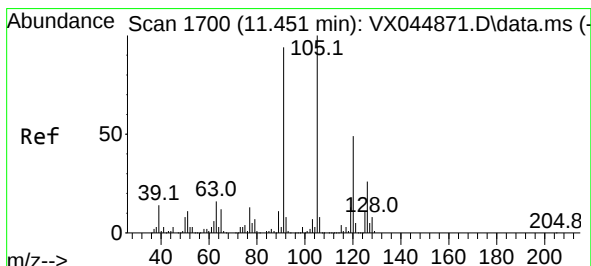
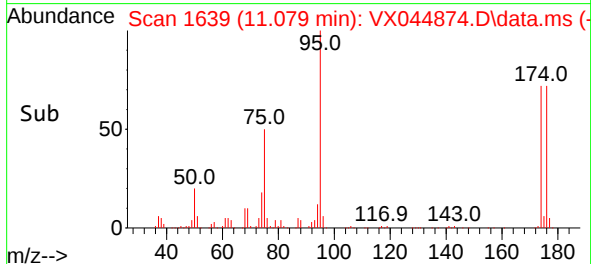
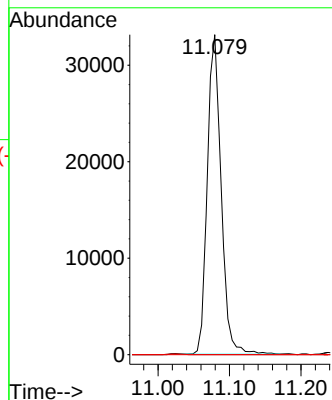
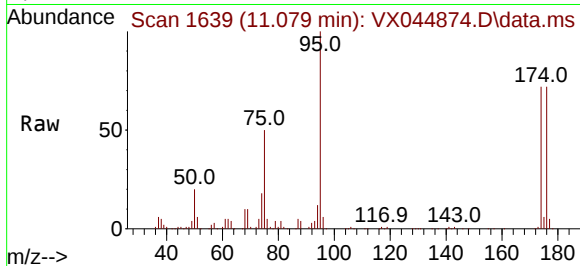




#81
trans-1,4-Dichloro-2-butene
Concen: 66.012 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

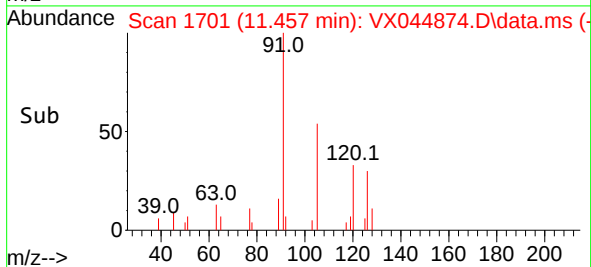
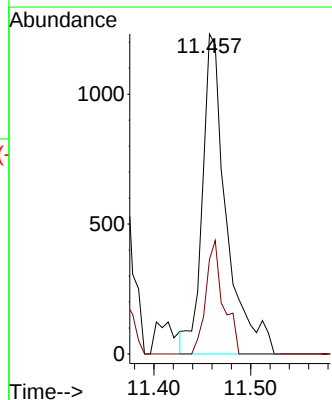
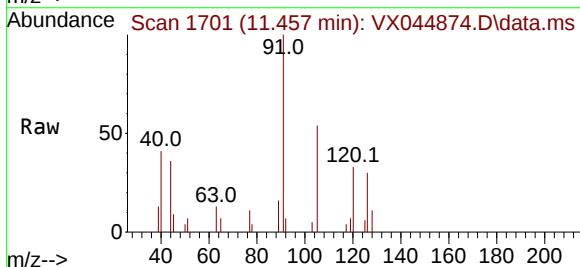
Instrument :
MSVOA_X
ClientSampleId :

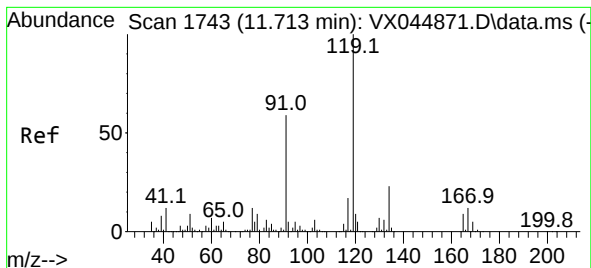
Tgt Ion: 75 Resp: 44523
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#



#82
4-Chlorotoluene
Concen: 0.429 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 91 Resp: 2120
Ion Ratio Lower Upper
91 100
126 26.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.211 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044874.D

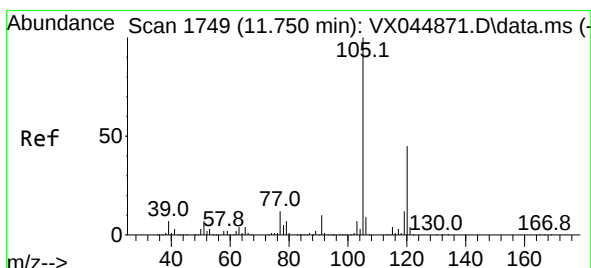
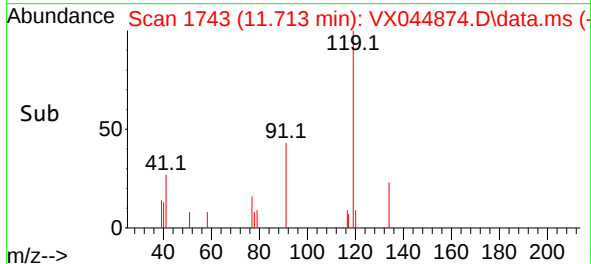
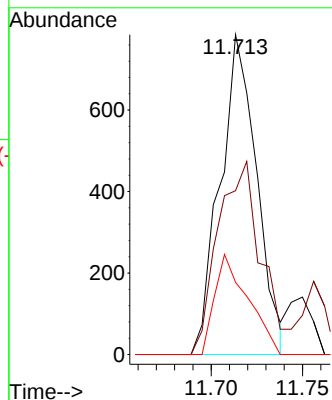
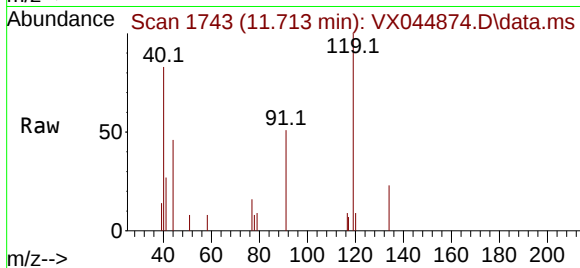
Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	119	Resp:	1093
Ion	Ratio	Lower	Upper
119	100		
91	71.9	29.1	87.4
134	28.5	11.5	34.5



#84

1,2,4-Trimethylbenzene

Concen: 0.273 ug/l

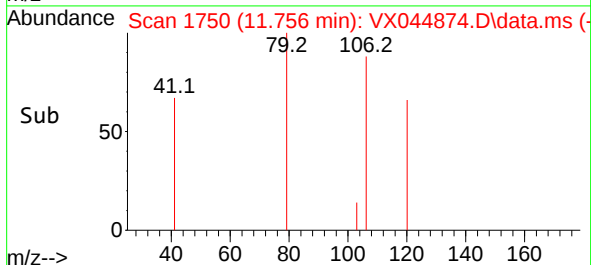
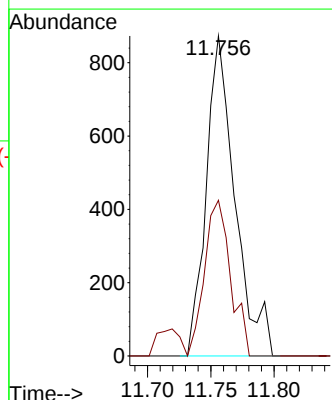
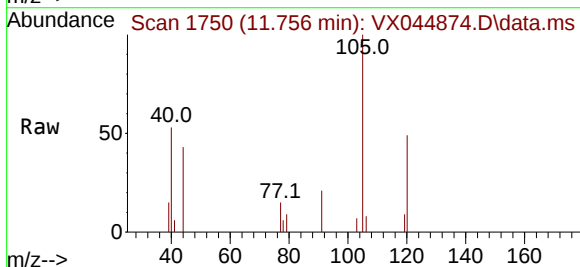
RT: 11.756 min Scan# 1750

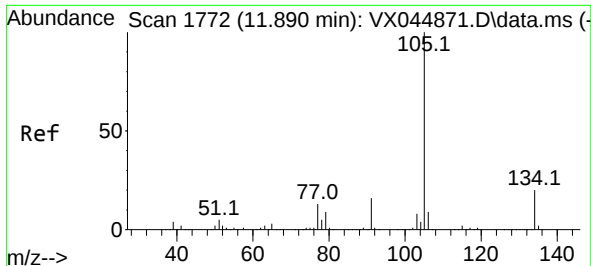
Delta R.T. 0.006 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Tgt Ion:	105	Resp:	1380
Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.4	67.0

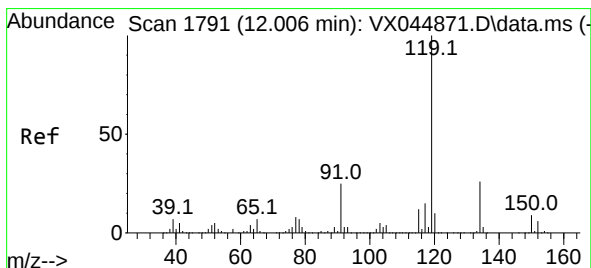
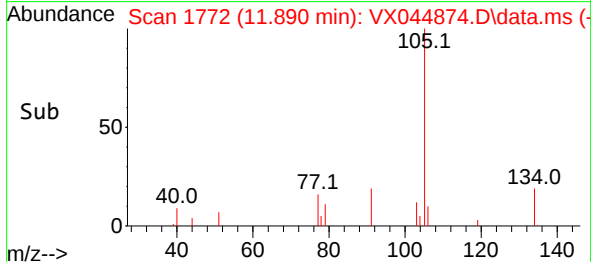
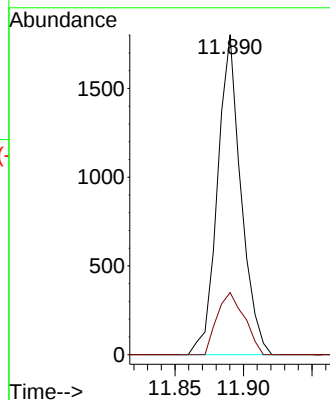
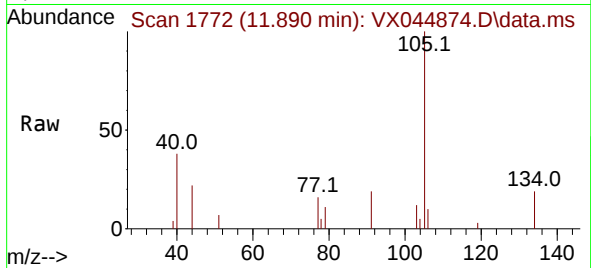




#85
 sec-Butylbenzene
 Concen: 0.335 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044874.D
 Acq: 10 Feb 2025 12:51

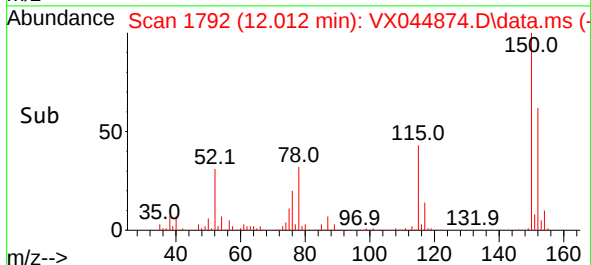
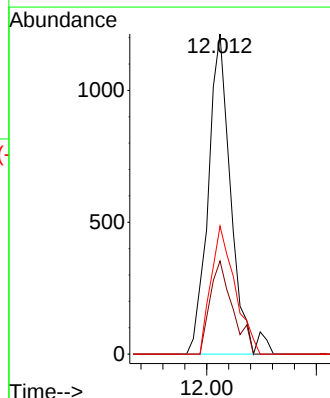
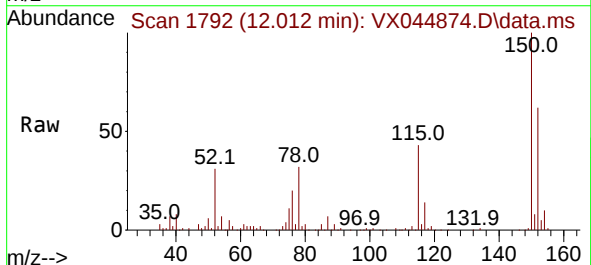
Instrument :
 MSVOA_X
 ClientSampleId :

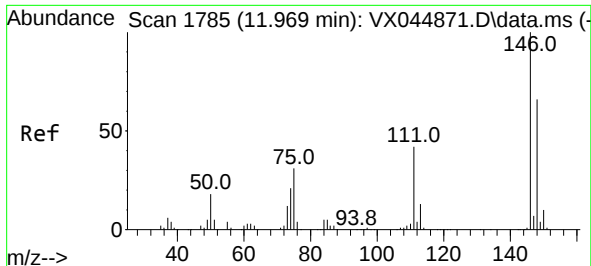
Tgt Ion:105 Resp: 2147
 Ion Ratio Lower Upper
 105 100
 134 22.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.338 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX044874.D
 Acq: 10 Feb 2025 12:51

Tgt Ion:119 Resp: 1743
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.0 38.9
 91 42.2 12.1 36.3#





#87

1,3-Dichlorobenzene

Concen: 0.542 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

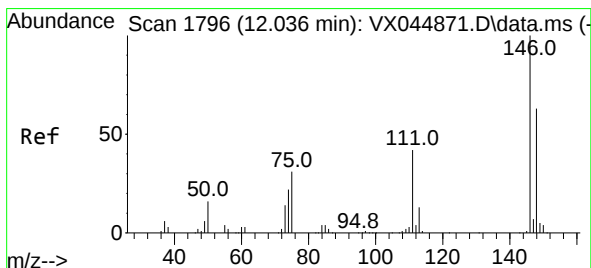
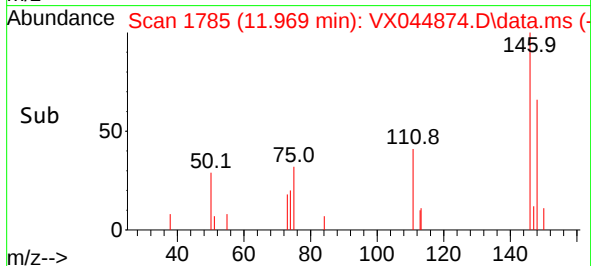
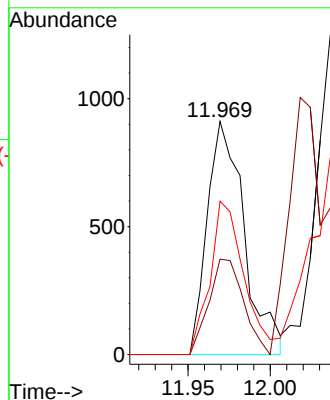
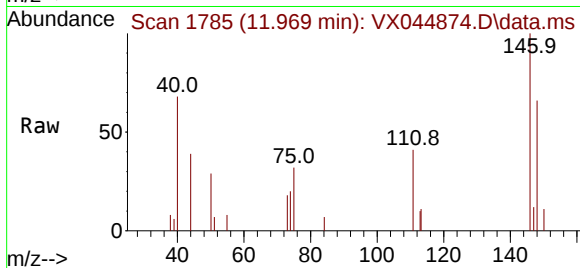
Tgt Ion:146 Resp: 1423

Ion Ratio Lower Upper

146 100

111 38.4 21.2 63.6

148 59.9 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 0.536 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.067 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

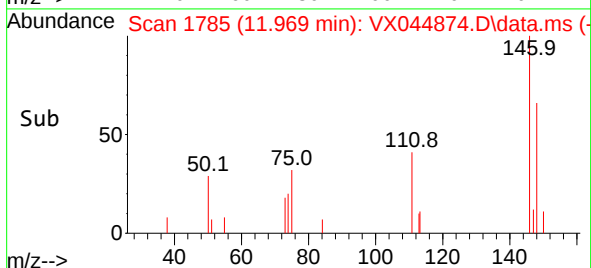
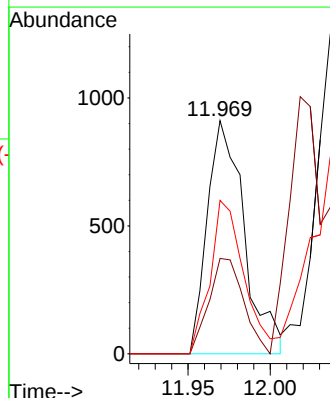
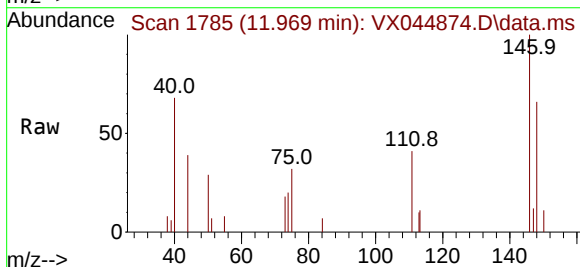
Tgt Ion:146 Resp: 1423

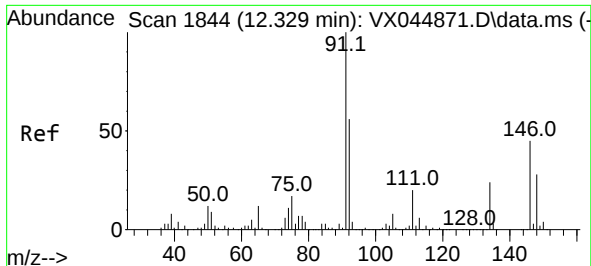
Ion Ratio Lower Upper

146 100

111 38.4 20.4 61.3

148 59.9 32.0 96.0

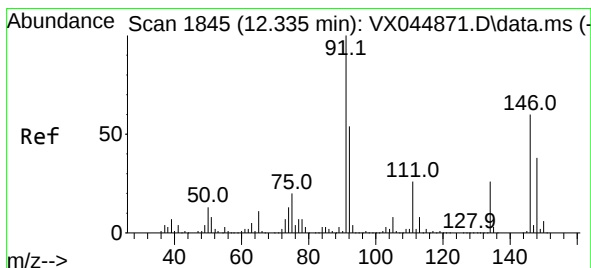
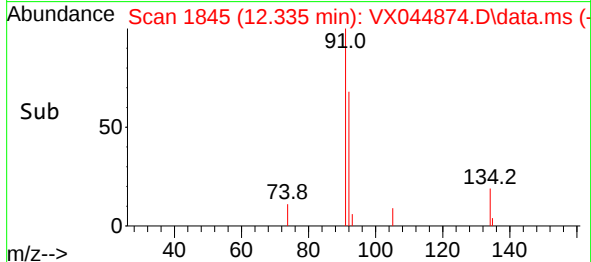
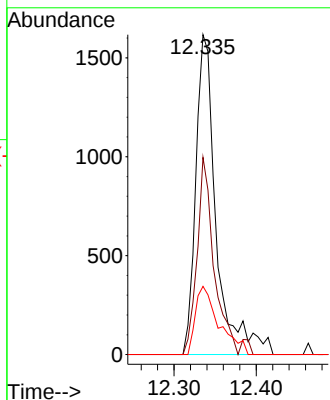
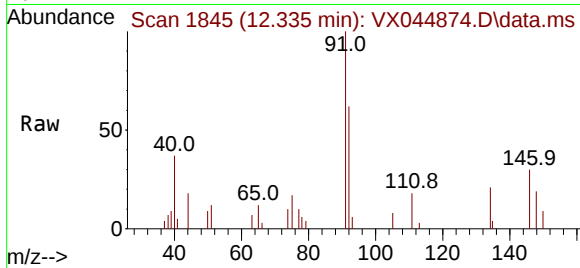




#89
n-Butylbenzene
Concen: 0.613 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

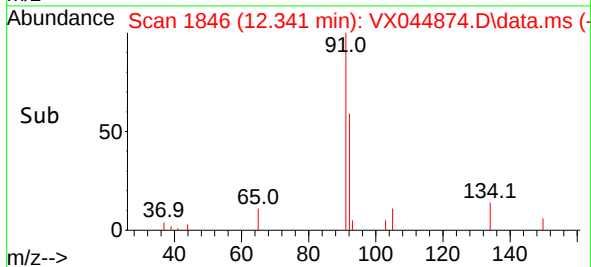
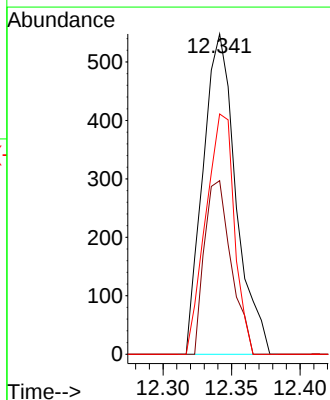
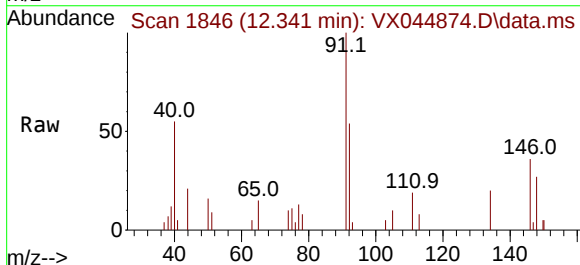
Instrument :
MSVOA_X
ClientSampleId :

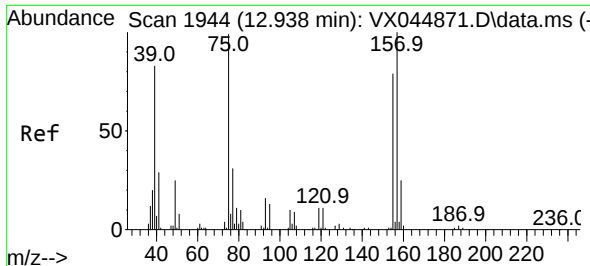
Tgt Ion: 91 Resp: 2792
Ion Ratio Lower Upper
91 100
92 51.0 27.2 81.6
134 24.6 12.1 36.3



#91
1,2-Dichlorobenzene
Concen: 0.354 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion:146 Resp: 914
Ion Ratio Lower Upper
146 100
111 44.2 21.8 65.4
148 65.3 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.549 ug/l

RT: 12.957 min Scan# 1944

Delta R.T. 0.019 min

Lab File: VX044874.D

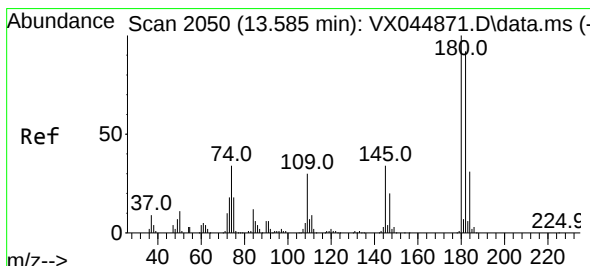
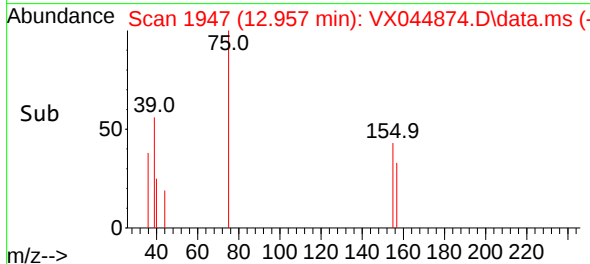
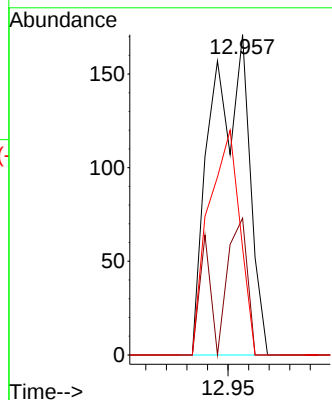
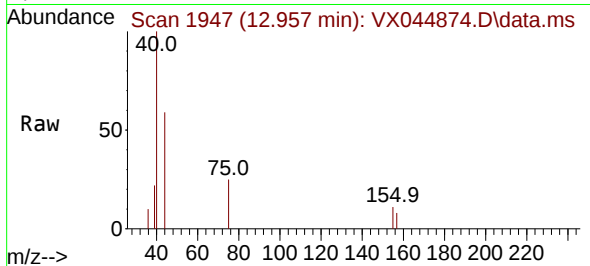
Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	75	Resp:	217
Ion	Ratio	Lower	Upper
75	100		
155	33.2	40.5	121.4#
157	58.5	51.4	154.3



#93

1,2,4-Trichlorobenzene

Concen: 1.120 ug/l

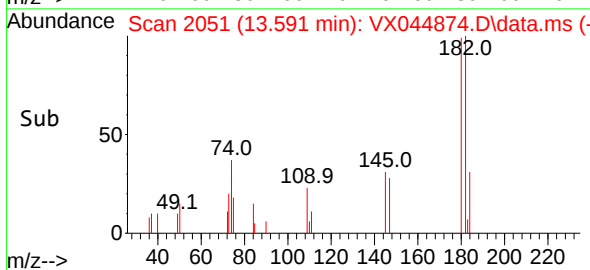
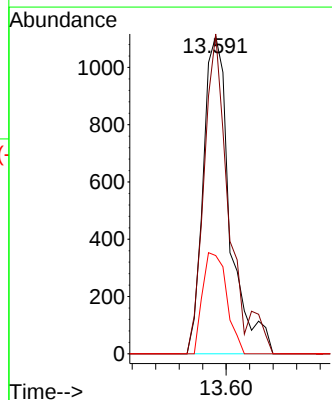
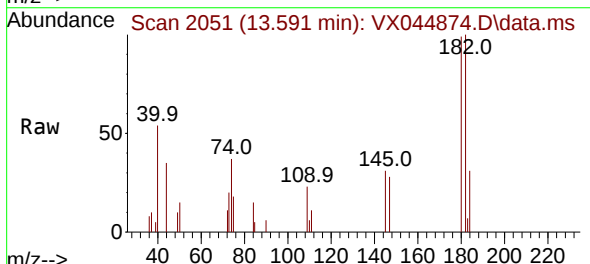
RT: 13.591 min Scan# 2051

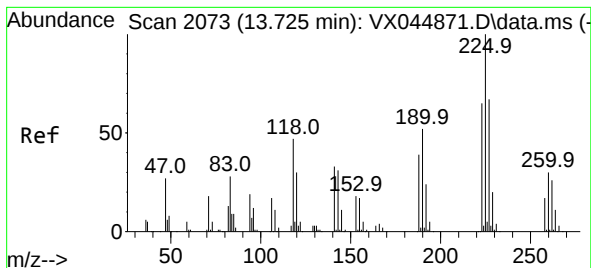
Delta R.T. 0.006 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

Tgt Ion:	180	Resp:	1750
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	28.7	16.4	49.1





#94

Hexachlorobutadiene

Concen: 0.911 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044874.D

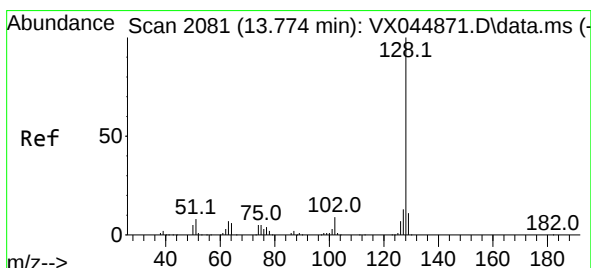
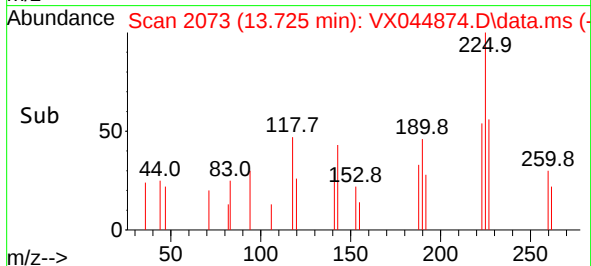
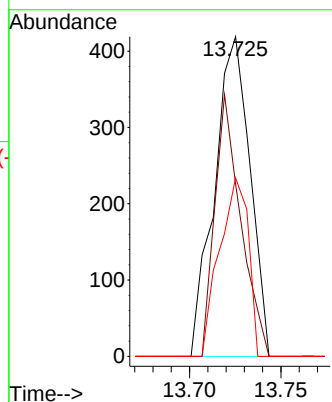
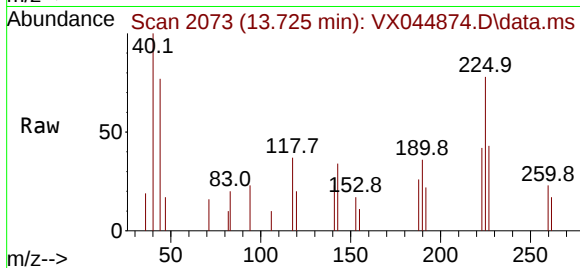
Acq: 10 Feb 2025 12:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:225	Resp:	565
Ion Ratio	Lower	Upper
225	100	
223	60.0	31.4 94.2
227	45.3	32.3 96.8



#95

Naphthalene

Concen: 1.706 ug/l

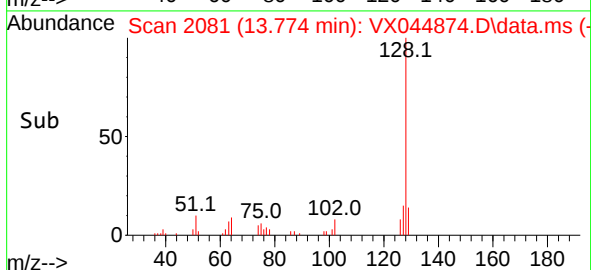
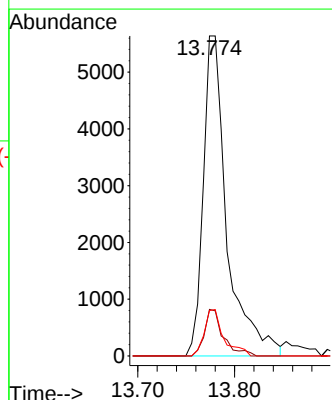
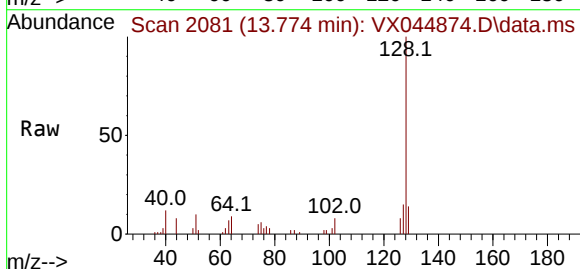
RT: 13.774 min Scan# 2081

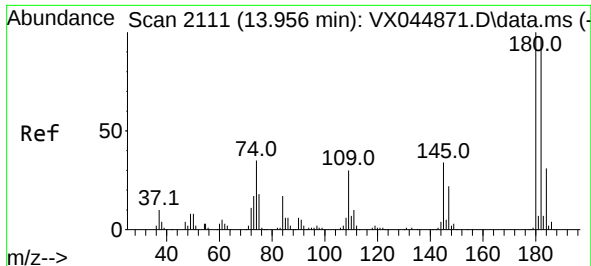
Delta R.T. 0.000 min

Lab File: VX044874.D

Acq: 10 Feb 2025 12:51

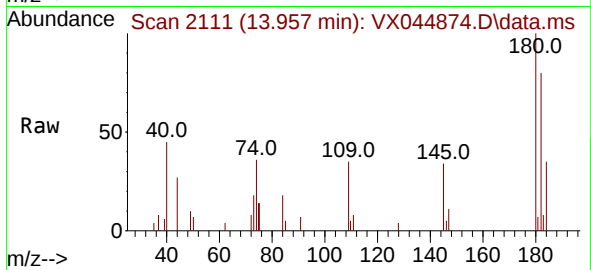
Tgt Ion:128	Resp:	9634
Ion Ratio	Lower	Upper
128	100	
127	11.5	10.1 15.1
129	11.8	8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.358 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX044874.D
 Acq: 10 Feb 2025 12:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 2137

Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.9	143.6
145	36.0	17.1	51.3

