

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086237.D
 Acq On : 07 Apr 2025 15:09
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 08 03:56:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 03:08:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	124424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	205159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	185777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	8317	5.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.560%#
35) Dibromofluoromethane	8.159	113	5153	4.969	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	9.940%#
50) Toluene-d8	10.565	98	21728	5.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.120%#
62) 4-Bromofluorobenzene	12.847	95	7815	5.152	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	10.300%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	6572	6.084	ug/l	99
3) Chloromethane	2.359	50	8229	6.749	ug/l	100
4) Vinyl Chloride	2.518	62	6765	6.201	ug/l	93
5) Bromomethane	2.959	94	4250	7.846	ug/l	94
6) Chloroethane	3.118	64	4441	6.883	ug/l #	73
7) Trichlorofluoromethane	3.506	101	10673	6.709	ug/l	99
8) Diethyl Ether	3.953	74	3543	7.238	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	5480	6.588	ug/l	96
10) Methyl Iodide	4.589	142	7271	7.415	ug/l	97
11) Tert butyl alcohol	5.524	59	3082	21.630	ug/l #	75
12) 1,1-Dichloroethene	4.336	96	5743	6.829	ug/l #	84
13) Acrolein	4.177	56	7761	35.196	ug/l	95
14) Allyl chloride	5.018	41	8125	6.983	ug/l	87
15) Acrylonitrile	5.712	53	14473	33.630	ug/l	94
16) Acetone	4.430	43	11441	31.727	ug/l	99
17) Carbon Disulfide	4.712	76	17411	6.470	ug/l	98
18) Methyl Acetate	5.030	43	7990	7.210	ug/l #	76
20) Methylene Chloride	5.271	84	6403	6.712	ug/l #	89
21) trans-1,2-Dichloroethene	5.777	96	6303	6.792	ug/l	94
22) Diisopropyl ether	6.671	45	15583	6.712	ug/l #	89
23) Vinyl Acetate	6.600	43	55336	33.142	ug/l	99
24) 1,1-Dichloroethane	6.559	63	10897	6.714	ug/l #	96
25) 2-Butanone	7.477	43	17163	33.163	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	10785	6.615	ug/l	96
27) cis-1,2-Dichloroethene	7.477	96	7494	6.694	ug/l	97
28) Bromochloromethane	7.824	49	5027	6.631	ug/l #	97
29) Tetrahydrofuran	7.836	42	11229	33.924	ug/l	95
30) Chloroform	7.965	83	12713	6.871	ug/l #	76
31) Cyclohexane	8.259	56	11913	8.087	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	11591	6.861	ug/l #	80
36) 1,1-Dichloropropene	8.365	75	7794	6.897	ug/l	98
37) Ethyl Acetate	7.553	43	7110	6.971	ug/l #	93
38) Carbon Tetrachloride	8.359	117	10261	7.027	ug/l	93
39) Methylcyclohexane	9.594	83	8993	6.650	ug/l	88
40) Benzene	8.606	78	25978	6.639	ug/l	98
41) Methacrylonitrile	7.777	41	3330	5.894	ug/l #	83

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 ClientSampleId :
 VSTDIC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.665	62	9293	7.160	ug/l	98
43) Isopropyl Acetate	8.683	43	15252	6.445	ug/l	94
44) Trichloroethene	9.347	130	6867	6.840	ug/l	81
45) 1,2-Dichloropropane	9.618	63	6277	7.161	ug/l	94
46) Dibromomethane	9.706	93	4449	6.847	ug/l	89
47) Bromodichloromethane	9.888	83	9407	6.869	ug/l #	98
48) Methyl methacrylate	9.677	41	4361	5.859	ug/l #	81
49) 1,4-Dioxane	9.694	88	2592	147.745	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	33963	34.551	ug/l	96
52) Toluene	10.629	92	15806	6.752	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	9243	6.520	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	10462	6.845	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	6269	6.856	ug/l	90
56) Ethyl methacrylate	10.871	69	8320	7.229	ug/l	99
57) 1,3-Dichloropropane	11.159	76	10199	6.840	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	15937	25.938	ug/l	97
59) 2-Hexanone	11.194	43	23866	34.583	ug/l	92
60) Dibromochloromethane	11.353	129	7689	7.167	ug/l	91
61) 1,2-Dibromoethane	11.465	107	5861	6.896	ug/l	100
64) Tetrachloroethene	11.100	164	6909	6.308	ug/l	94
65) Chlorobenzene	11.888	112	18827	6.936	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	6572	6.801	ug/l	98
67) Ethyl Benzene	11.959	91	28066	6.523	ug/l	100
68) m/p-Xylenes	12.065	106	21409	13.014	ug/l	94
69) o-Xylene	12.394	106	11017	6.775	ug/l	90
70) Styrene	12.406	104	17233	6.978	ug/l	96
71) Bromoform	12.576	173	4842	6.777	ug/l #	98
73) Isopropylbenzene	12.694	105	25504	6.375	ug/l	97
74) N-amyl acetate	12.494	43	7953	6.552	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	7972	6.612	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	11845	8.762	ug/l	70
77) Bromobenzene	12.982	156	7031	6.686	ug/l	98
78) n-propylbenzene	13.035	91	27857	6.226	ug/l	97
79) 2-Chlorotoluene	13.123	91	20737	6.666	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	20982	6.410	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	2988	7.480	ug/l	96
82) 4-Chlorotoluene	13.218	91	19837	6.566	ug/l	95
83) tert-Butylbenzene	13.435	119	17214	6.152	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	20990	6.479	ug/l	97
85) sec-Butylbenzene	13.612	105	23902	6.473	ug/l	99
86) p-Isopropyltoluene	13.723	119	19900	6.496	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	12984	6.380	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	13972	6.712	ug/l	95
89) n-Butylbenzene	14.053	91	17047	6.622	ug/l	99
90) Hexachloroethane	14.329	117	3707	6.241	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	13381	6.550	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1810	6.716	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	6651	6.403	ug/l	96
94) Hexachlorobutadiene	15.500	225	3818	6.711	ug/l	91
95) Naphthalene	15.635	128	18492	6.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	6008	6.013	ug/l	89

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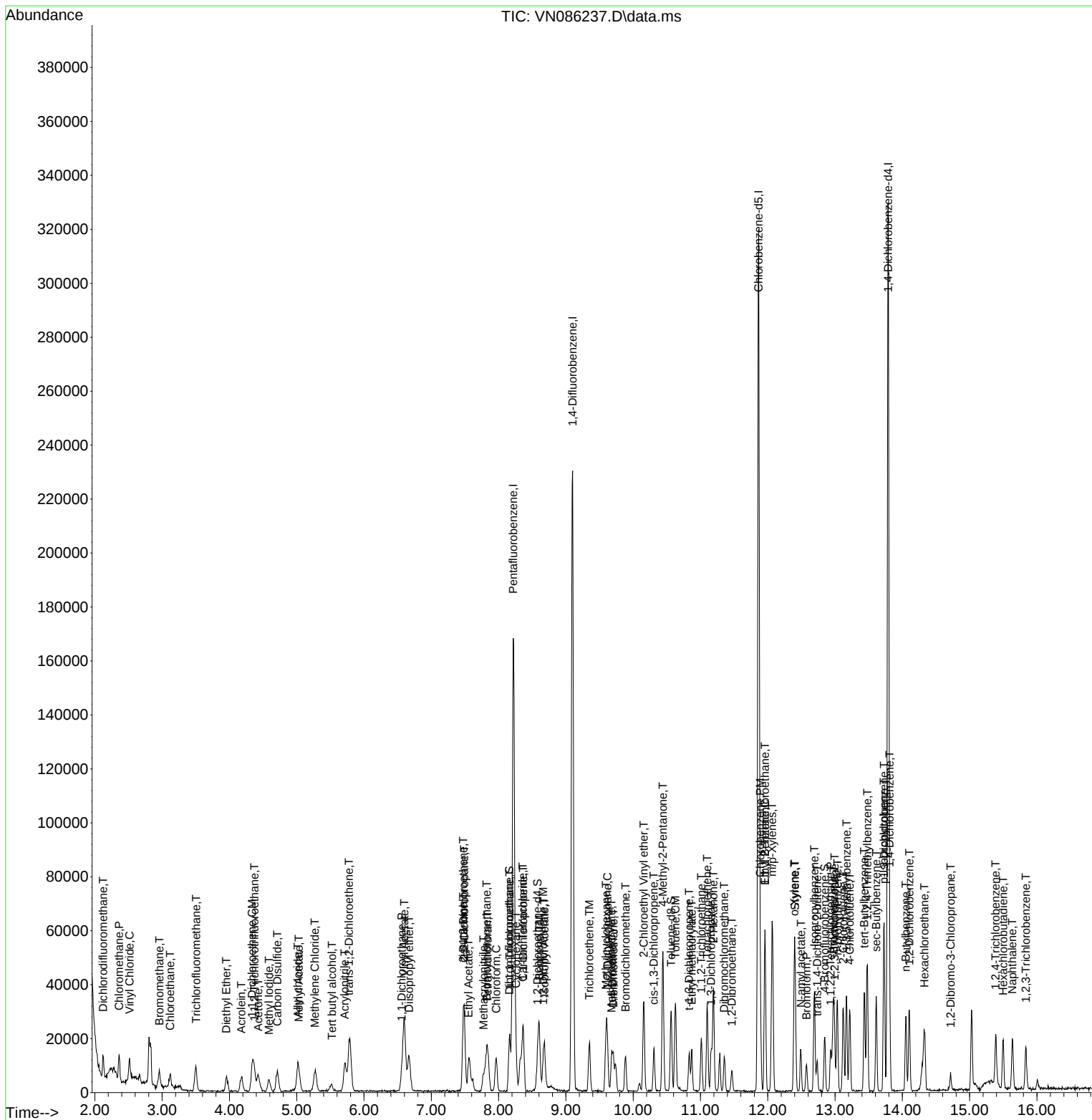
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ClientSampleId :
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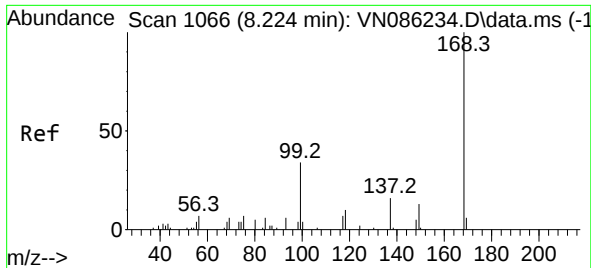
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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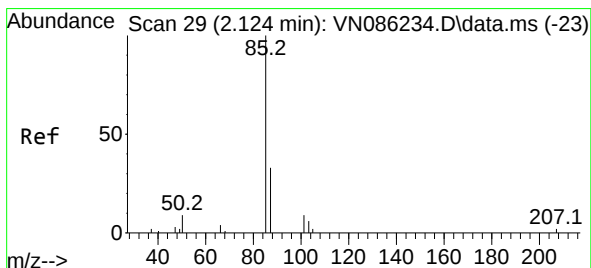
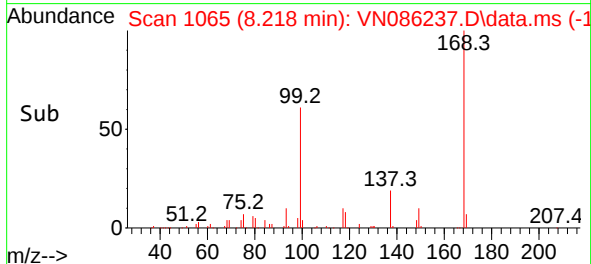
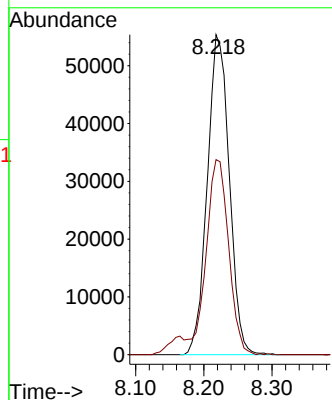
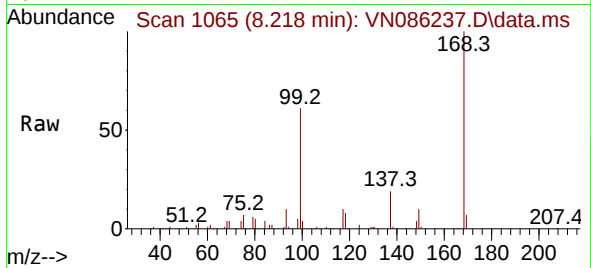




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086237.D
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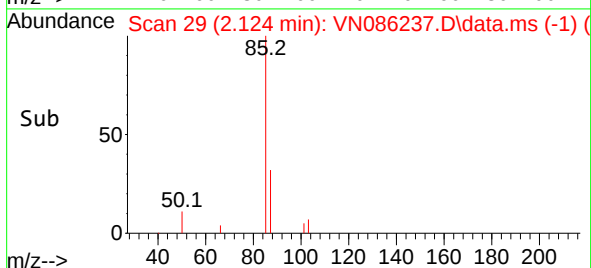
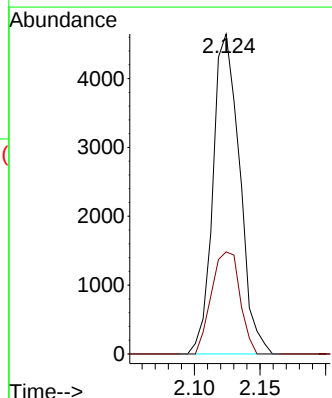
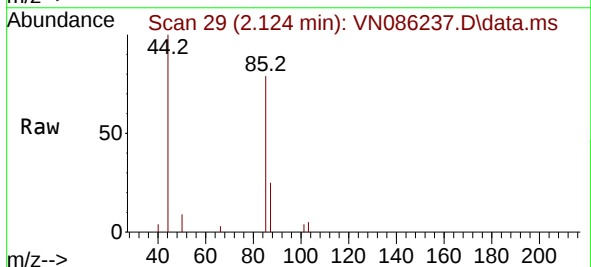
Instrument :
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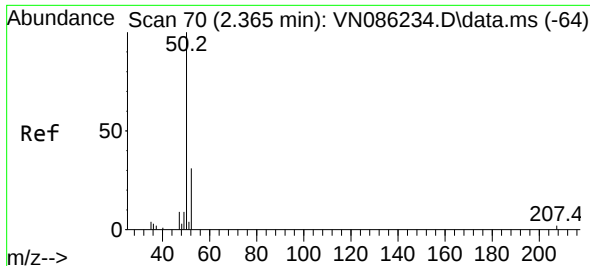
Tgt Ion:168 Resp: 124424
Ion Ratio Lower Upper
168 100
99 61.0 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 6.084 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 85 Resp: 6572
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.8

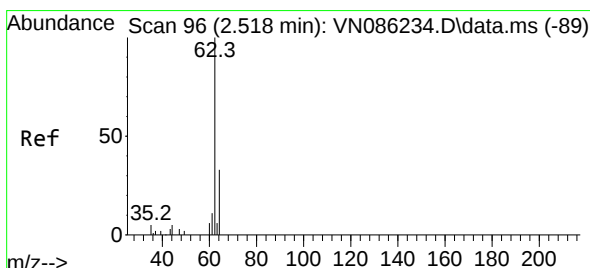
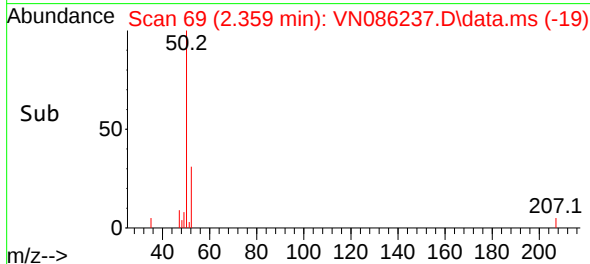
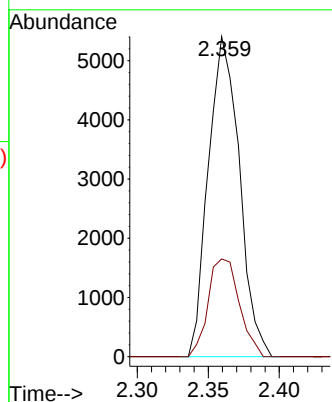
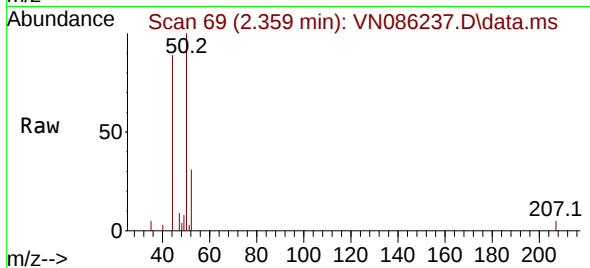




#3
Chloromethane
Concen: 6.749 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

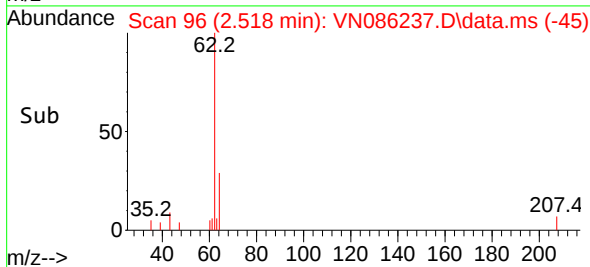
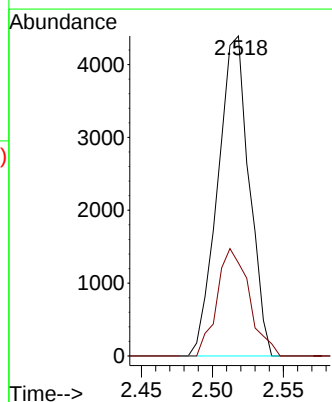
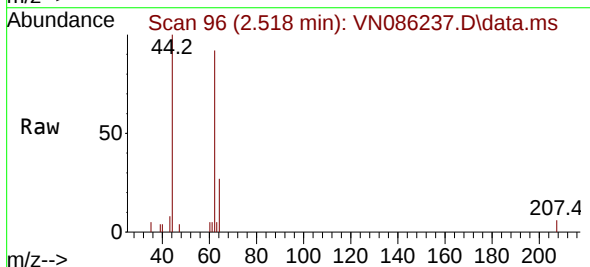
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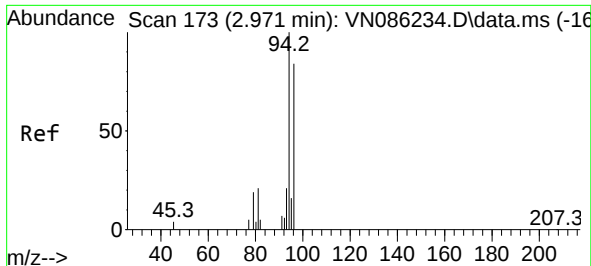
Tgt Ion: 50 Resp: 8229
Ion Ratio Lower Upper
50 100
52 30.5 24.5 36.7



#4
Vinyl Chloride
Concen: 6.201 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 62 Resp: 6765
Ion Ratio Lower Upper
62 100
64 29.0 26.4 39.6

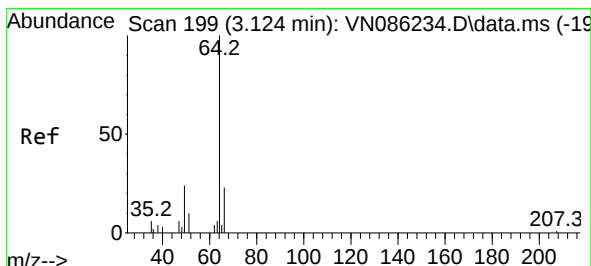
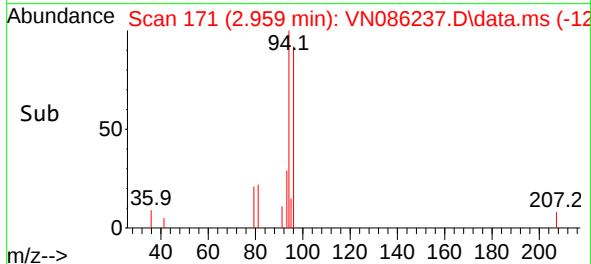
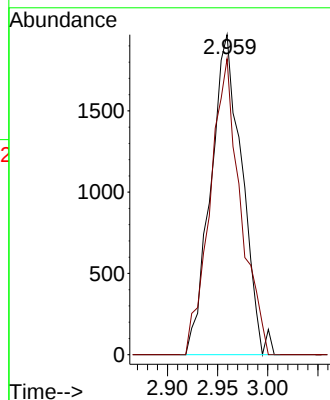
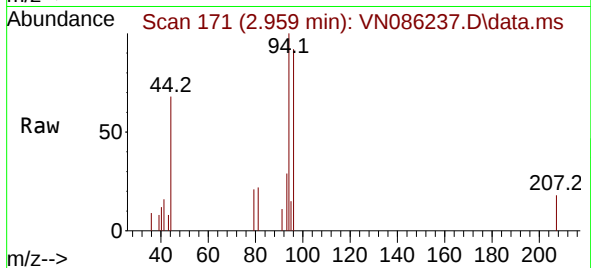




#5
Bromomethane
Concen: 7.846 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

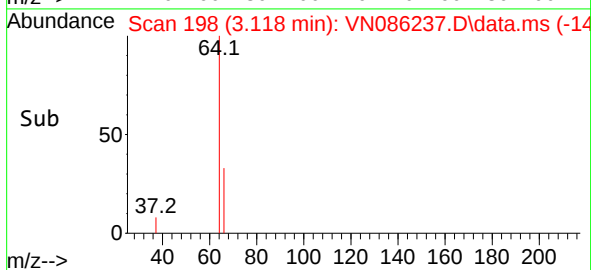
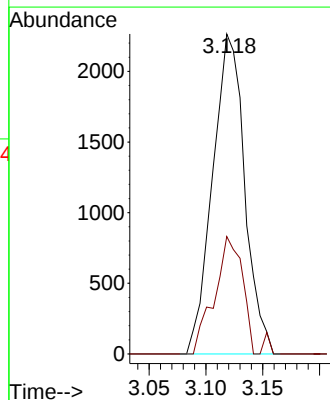
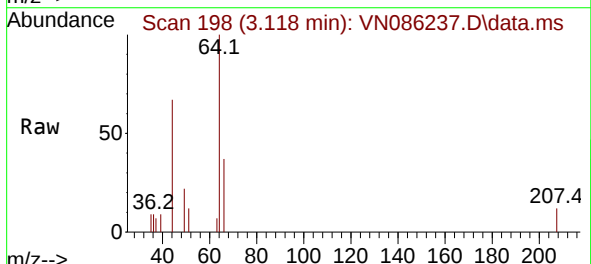
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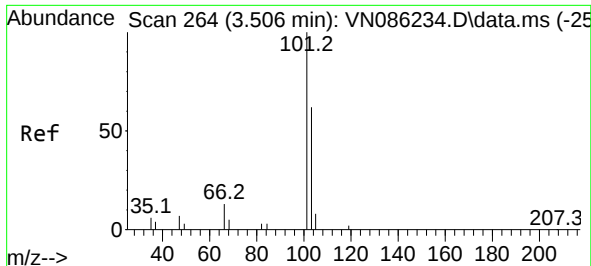
Tgt Ion: 94 Resp: 4250
Ion Ratio Lower Upper
94 100
96 92.5 69.6 104.4



#6
Chloroethane
Concen: 6.883 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 64 Resp: 4441
Ion Ratio Lower Upper
64 100
66 36.7 18.7 28.1#

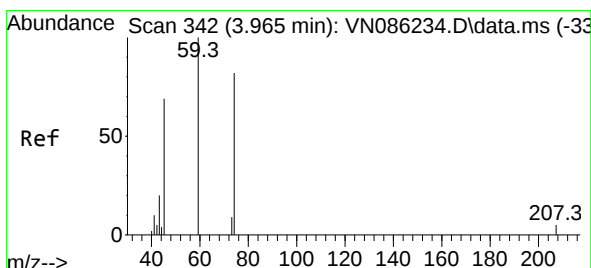
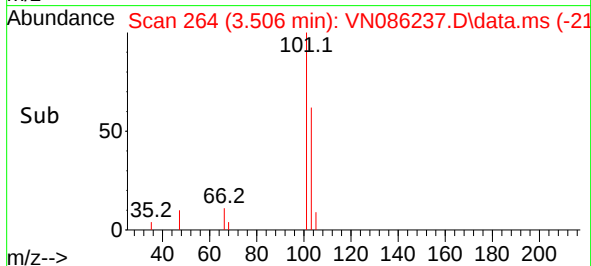
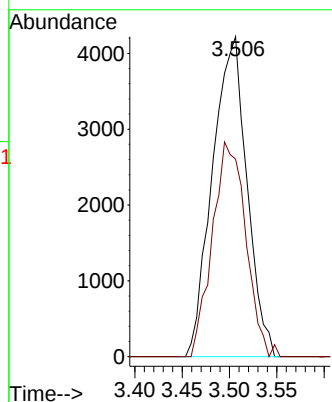
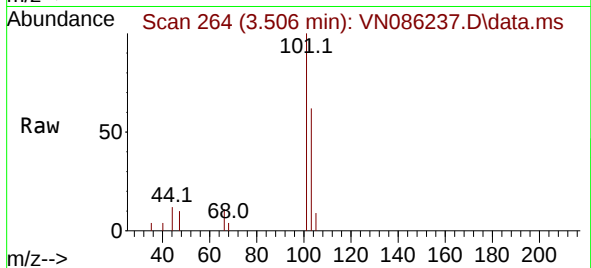




#7
 Trichlorofluoromethane
 Concen: 6.709 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN086237.D
 Acq: 07 Apr 2025 15:09

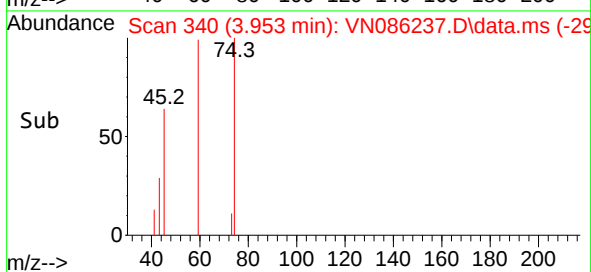
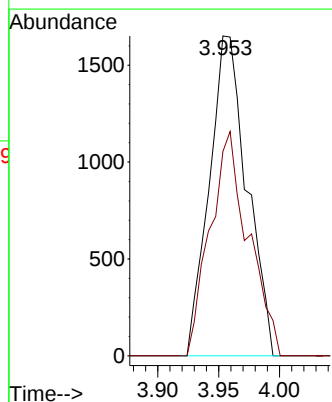
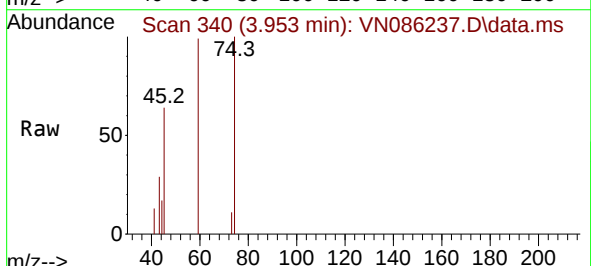
Instrument :
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 ClientSampleId :
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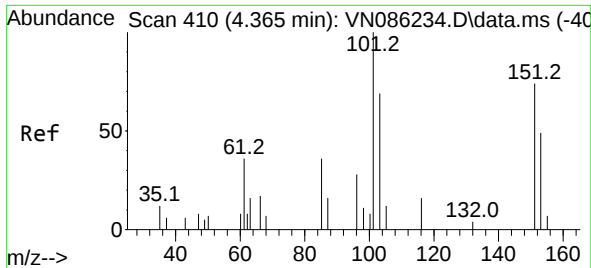
Tgt Ion:101 Resp: 10673
 Ion Ratio Lower Upper
 101 100
 103 61.8 50.0 75.0



#8
 Diethyl Ether
 Concen: 7.238 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.012 min
 Lab File: VN086237.D
 Acq: 07 Apr 2025 15:09

Tgt Ion: 74 Resp: 3543
 Ion Ratio Lower Upper
 74 100
 45 71.5 38.6 116.0

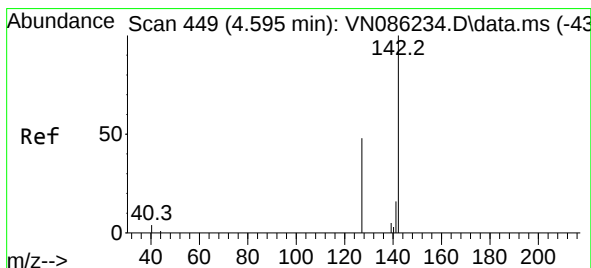
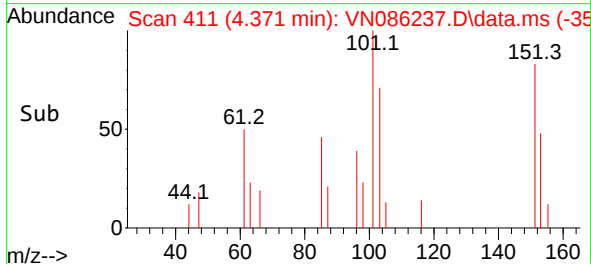
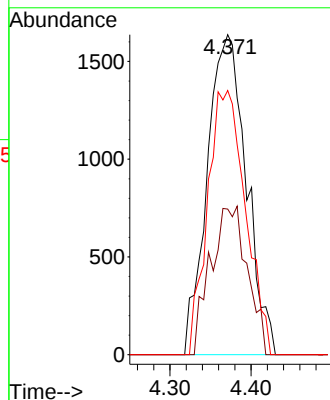
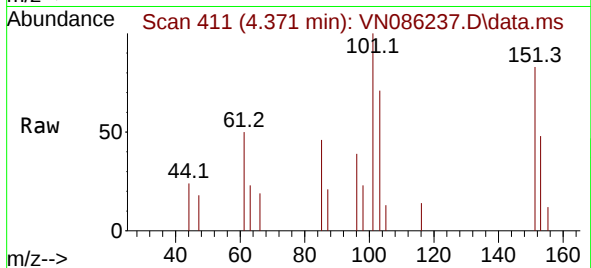




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.588 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

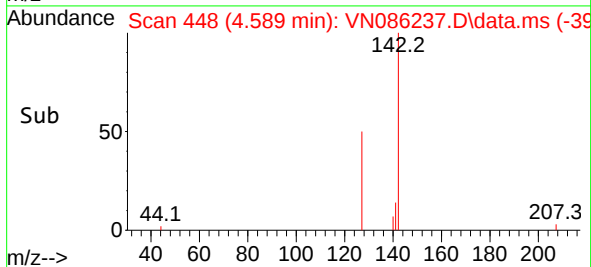
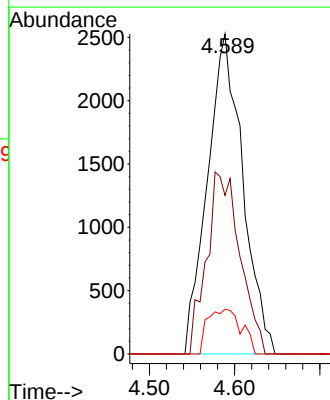
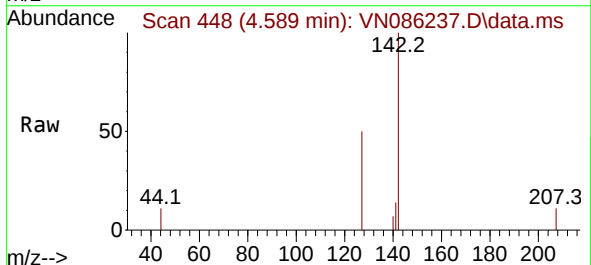
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

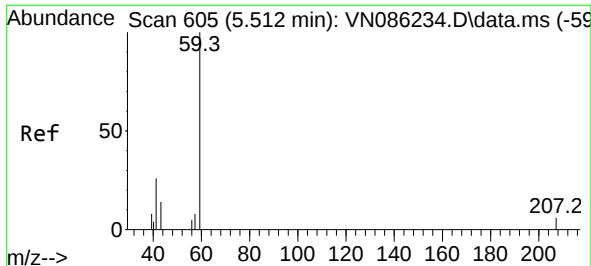
Tgt Ion:101 Resp: 5480
Ion Ratio Lower Upper
101 100
85 43.6 34.6 52.0
151 79.9 59.9 89.9



#10
Methyl Iodide
Concen: 7.415 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:142 Resp: 7271
Ion Ratio Lower Upper
142 100
127 49.5 38.3 57.5
141 13.9 12.6 19.0

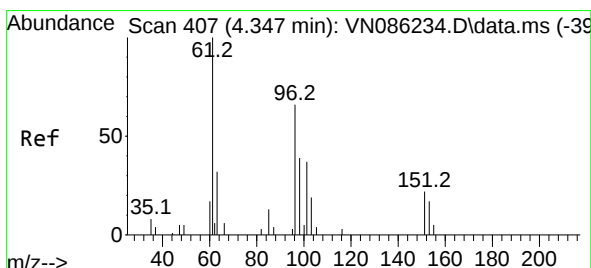
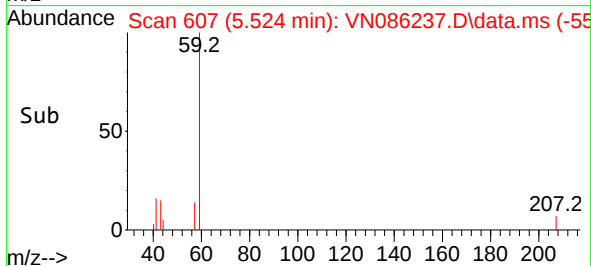
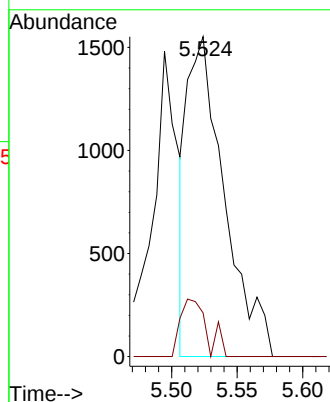
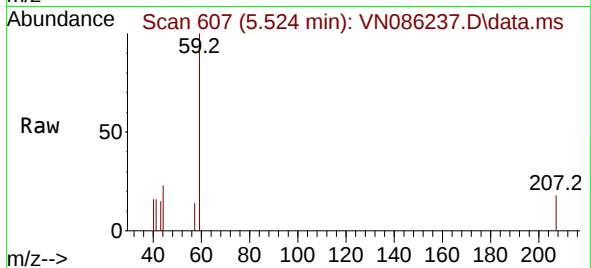




#11
Tert butyl alcohol
Concen: 21.630 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

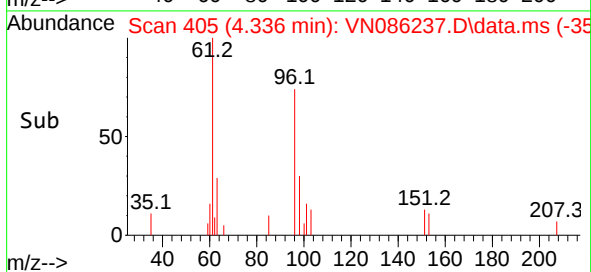
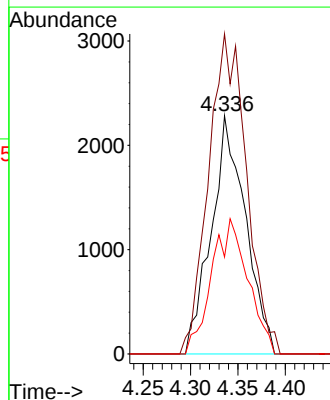
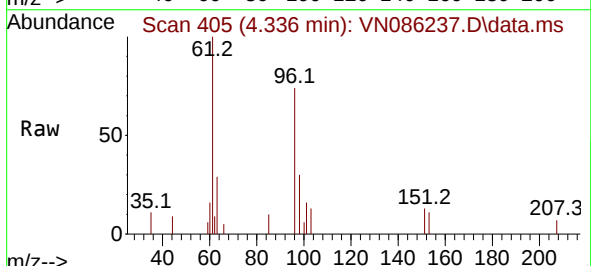
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

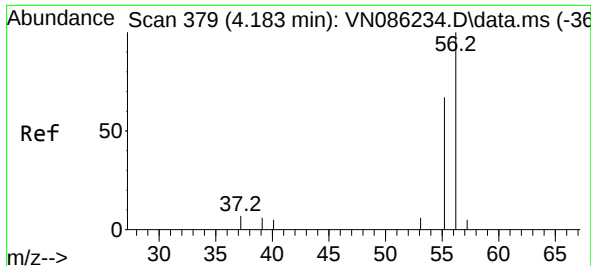
Tgt Ion: 59 Resp: 3082
Ion Ratio Lower Upper
59 100
57 12.7 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 6.829 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 96 Resp: 5743
Ion Ratio Lower Upper
96 100
61 134.3 120.3 180.5
98 40.7 46.6 70.0#

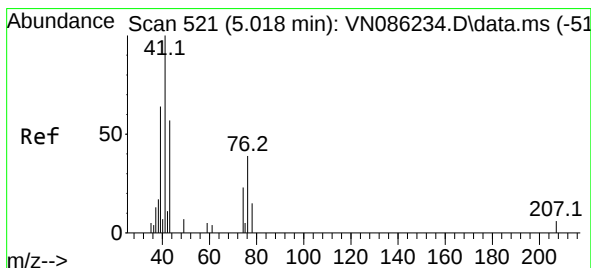
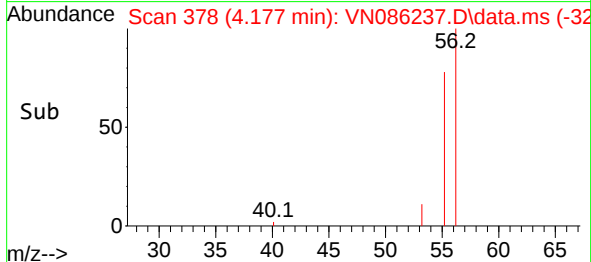
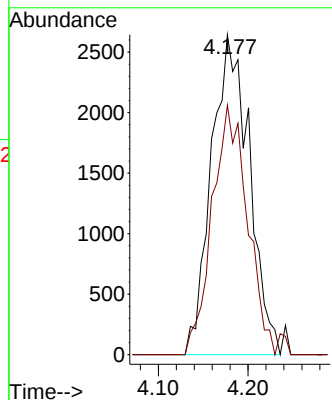
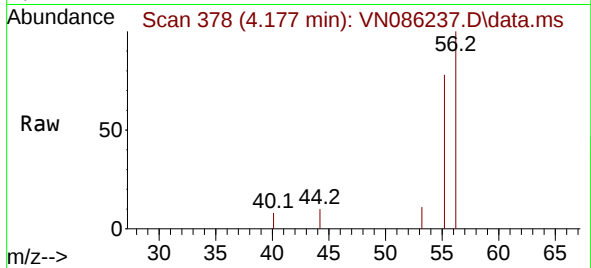




#13
Acrolein
Concen: 35.196 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

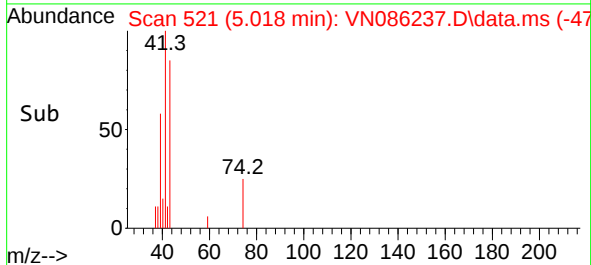
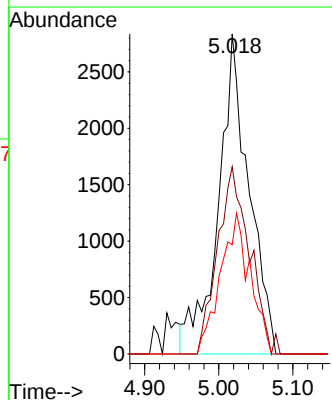
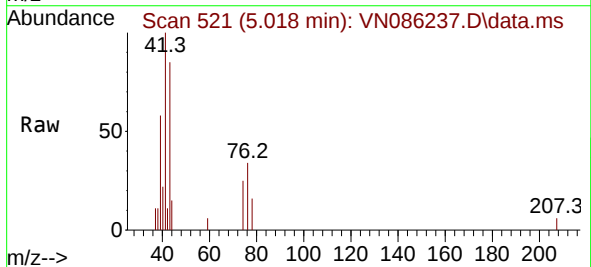
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

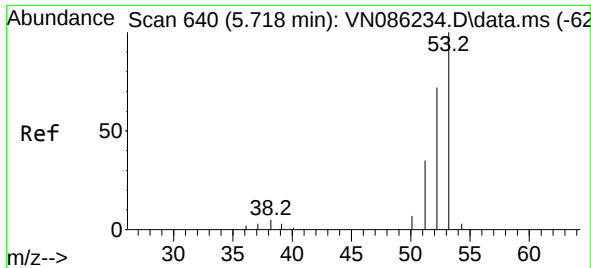
Tgt Ion: 56 Resp: 7761
Ion Ratio Lower Upper
56 100
55 72.3 54.6 82.0



#14
Allyl chloride
Concen: 6.983 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 41 Resp: 8125
Ion Ratio Lower Upper
41 100
39 61.3 58.7 88.1
76 42.7 40.2 60.4

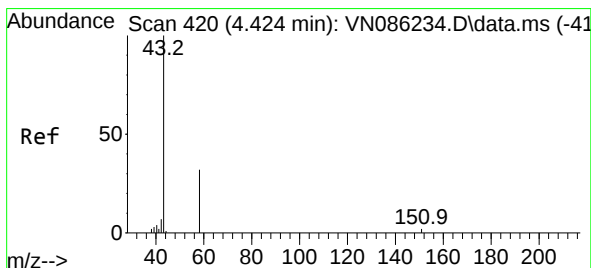
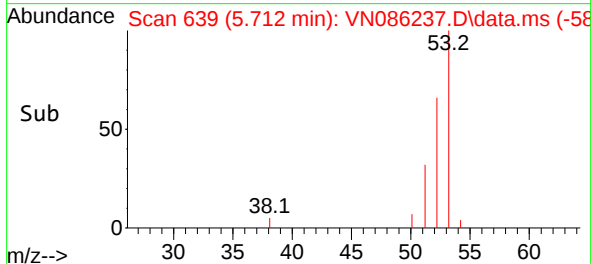
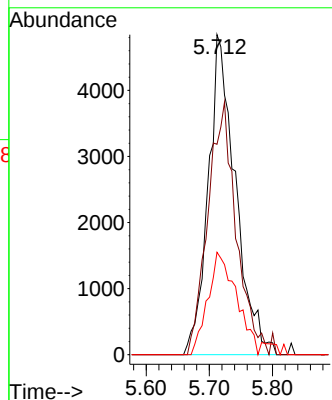
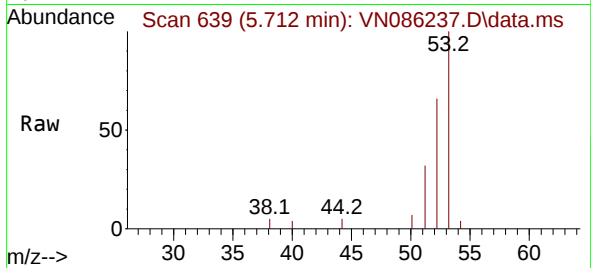




#15
Acrylonitrile
Concen: 33.630 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

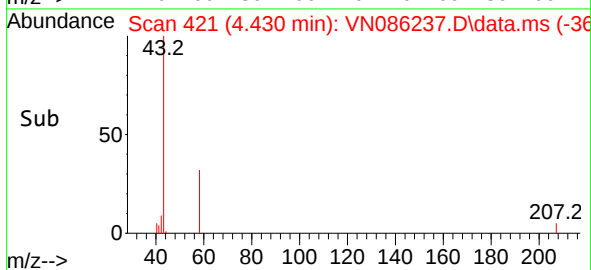
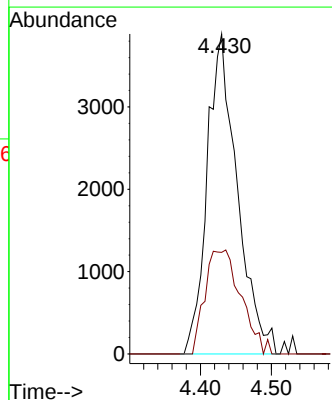
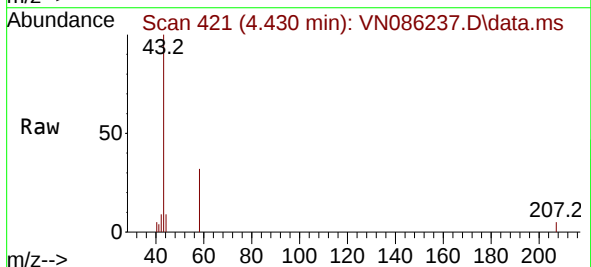
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

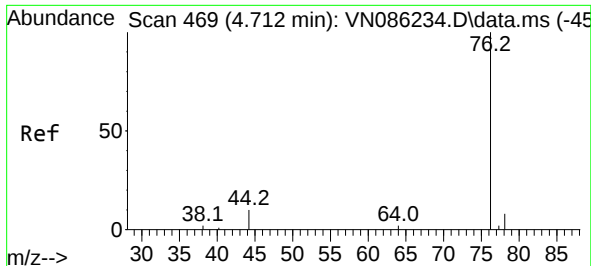
Tgt Ion: 53	Resp: 14473
Ion Ratio	Lower Upper
53 100	
52 82.2	61.0 91.6
51 33.7	25.4 38.0



#16
Acetone
Concen: 31.727 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 43	Resp: 11441
Ion Ratio	Lower Upper
43 100	
58 31.7	25.8 38.6

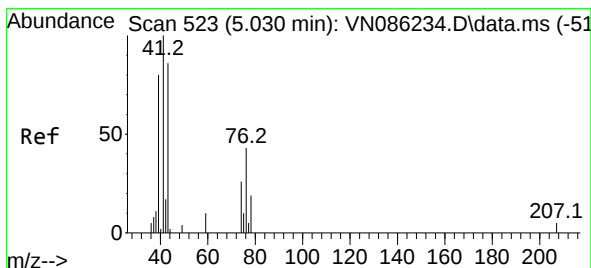
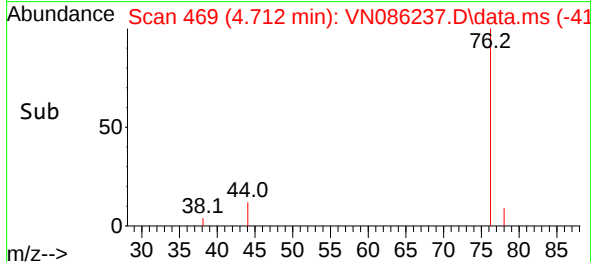
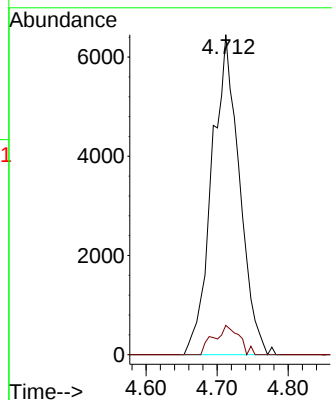
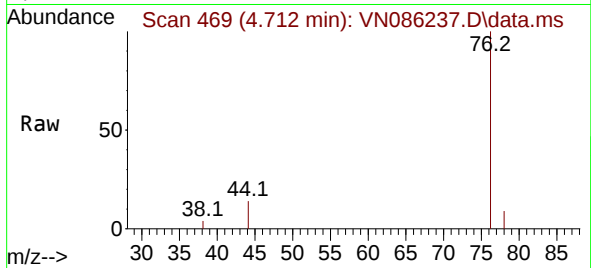




#17
Carbon Disulfide
Concen: 6.470 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

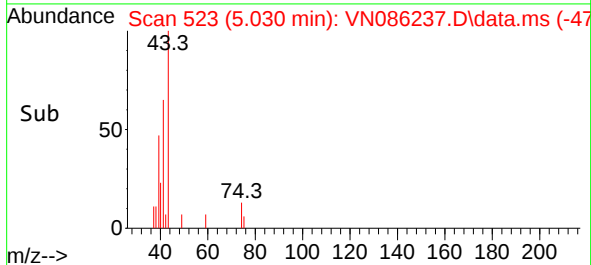
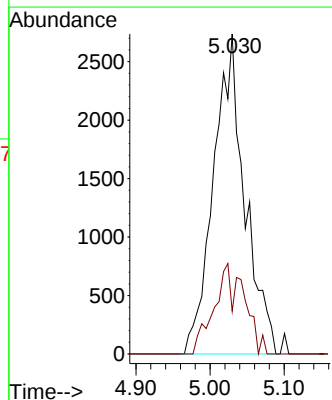
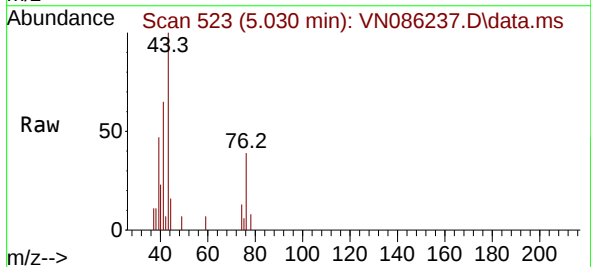
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

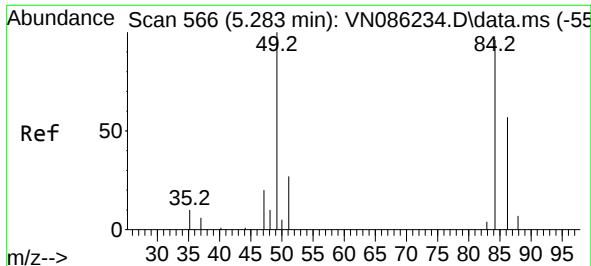
Tgt Ion: 76 Resp: 17411
Ion Ratio Lower Upper
76 100
78 9.1 6.6 10.0



#18
Methyl Acetate
Concen: 7.210 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 43 Resp: 7990
Ion Ratio Lower Upper
43 100
74 16.0 23.1 34.7#

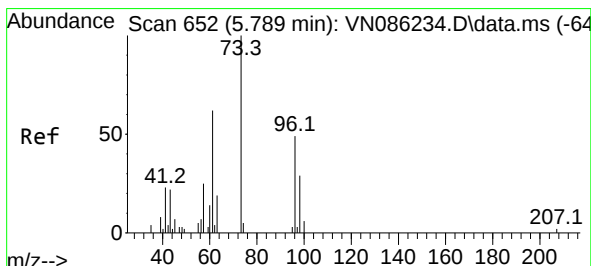
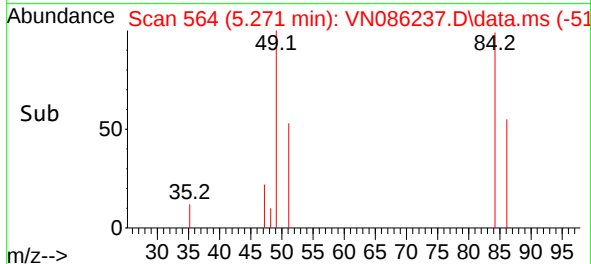
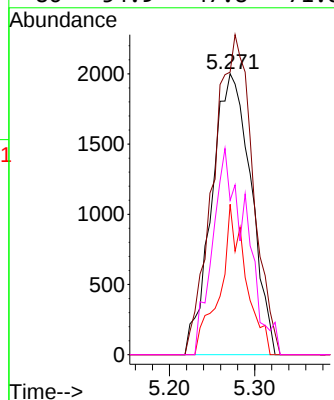
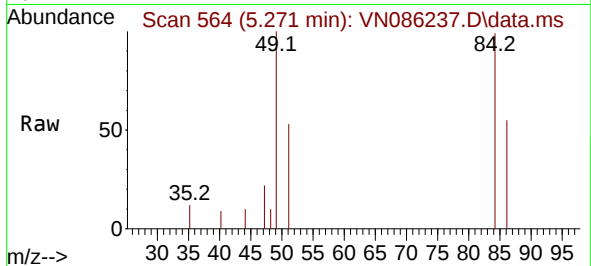




#20
Methylene Chloride
Concen: 6.712 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

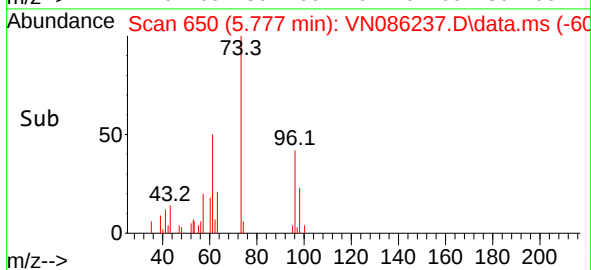
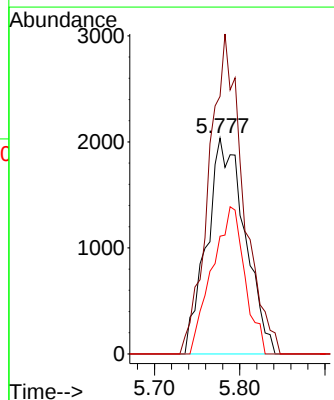
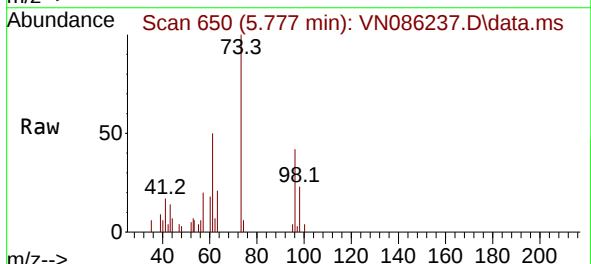
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

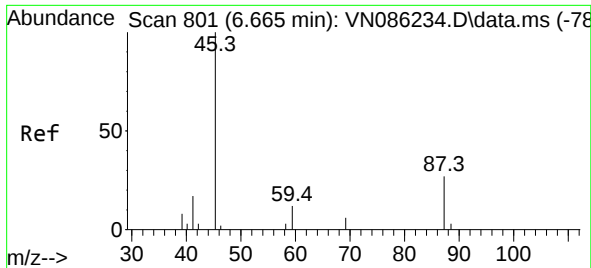
Tgt Ion: 84 Resp: 6403
Ion Ratio Lower Upper
84 100
49 100.6 83.7 125.5
51 53.5 22.7 34.1#
86 54.9 47.8 71.8



#21
trans-1,2-Dichloroethene
Concen: 6.792 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 96 Resp: 6303
Ion Ratio Lower Upper
96 100
61 119.3 100.9 151.3
98 54.5 47.7 71.5

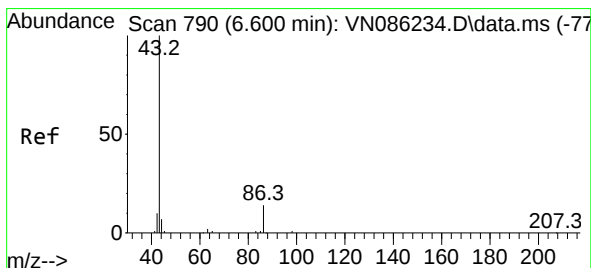
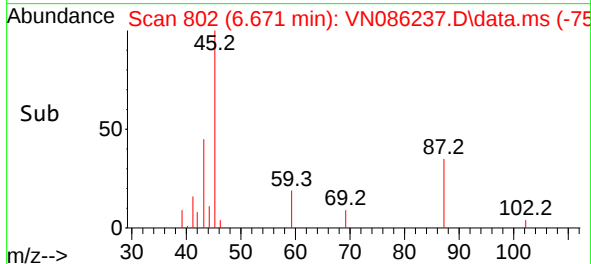
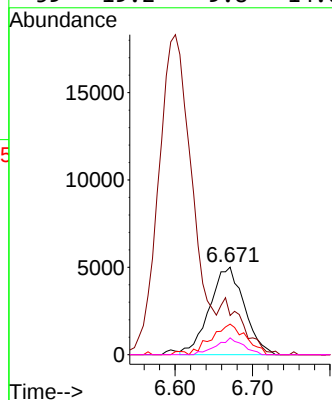
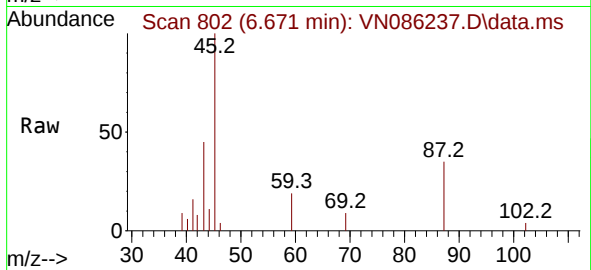




#22
Diisopropyl ether
Concen: 6.712 ug/l
RT: 6.671 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

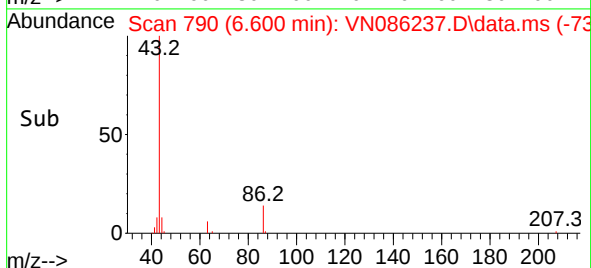
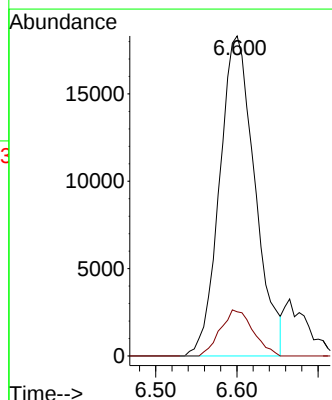
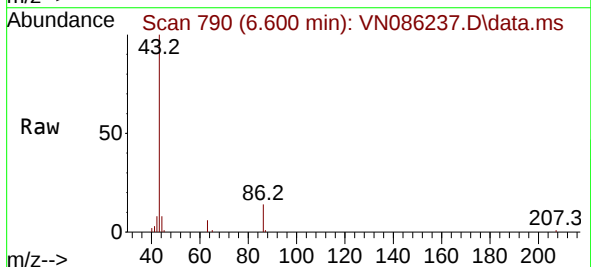
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

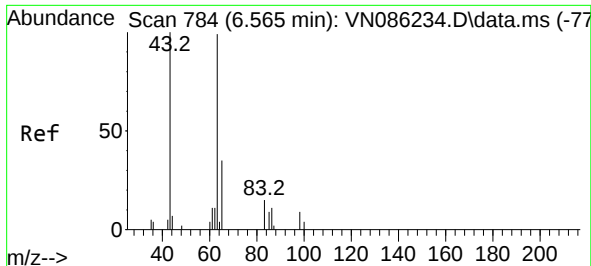
Tgt Ion: 45	Resp: 15583
Ion Ratio	Lower Upper
45 100	
43 44.8	41.0 61.4
87 34.9	22.8 34.2#
59 19.2	9.8 14.6#



#23
Vinyl Acetate
Concen: 33.142 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 43	Resp: 55336
Ion Ratio	Lower Upper
43 100	
86 13.8	11.5 17.3

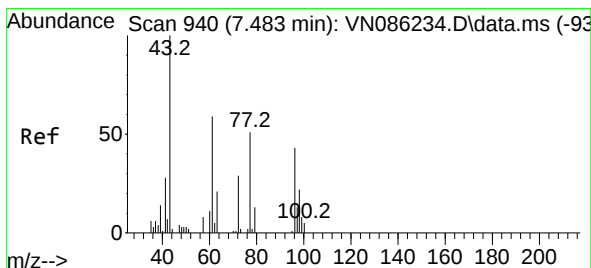
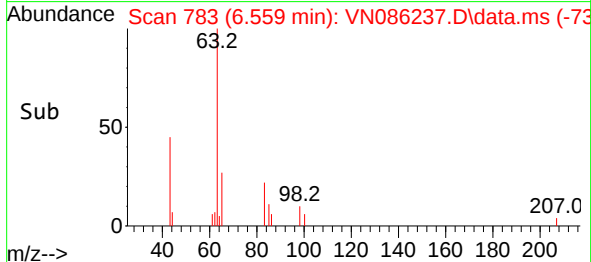
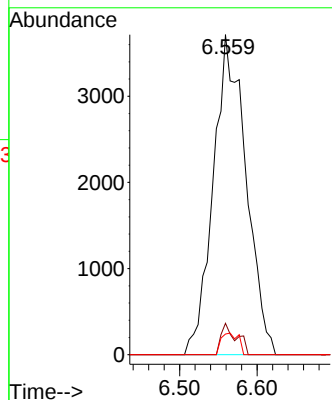
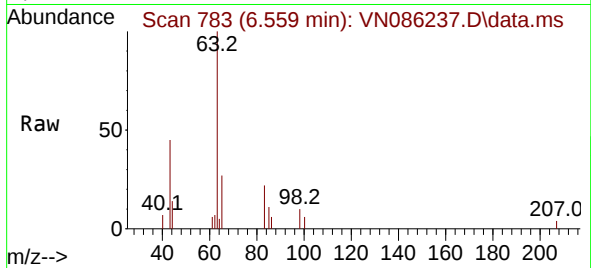




#24
1,1-Dichloroethane
Concen: 6.714 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

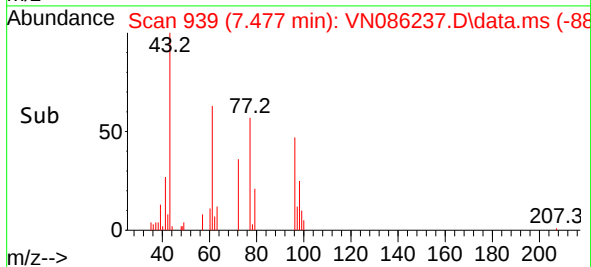
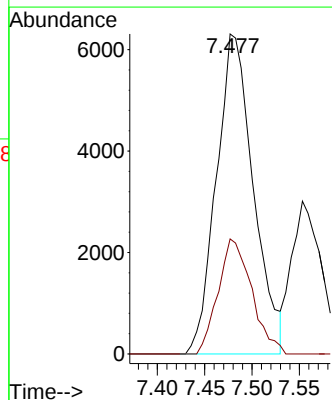
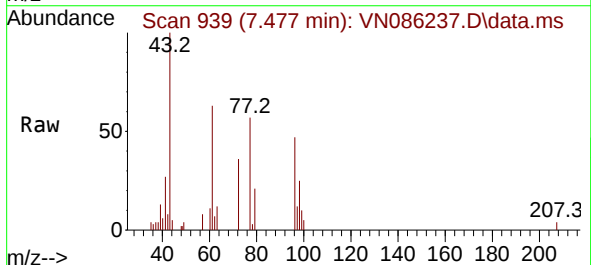
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

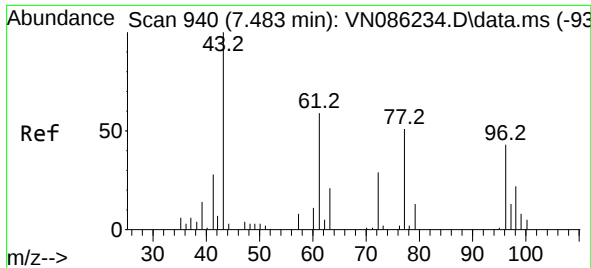
Tgt Ion: 63 Resp: 10897
Ion Ratio Lower Upper
63 100
98 9.8 4.6 13.8
100 6.5 1.8 5.5#



#25
2-Butanone
Concen: 33.163 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 43 Resp: 17163
Ion Ratio Lower Upper
43 100
72 35.9 23.1 34.7#

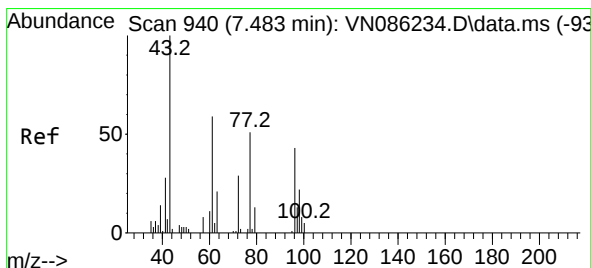
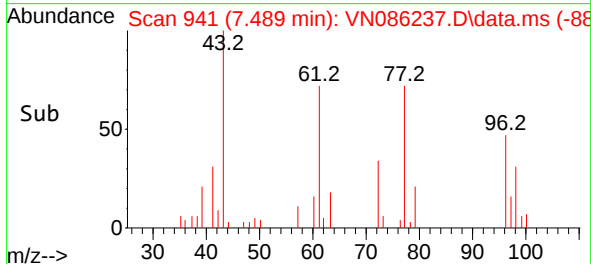
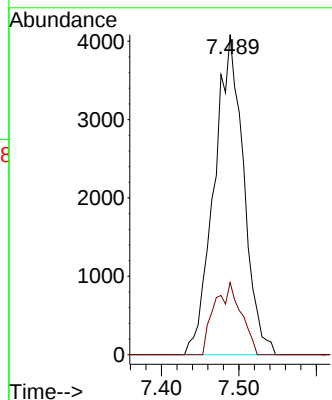
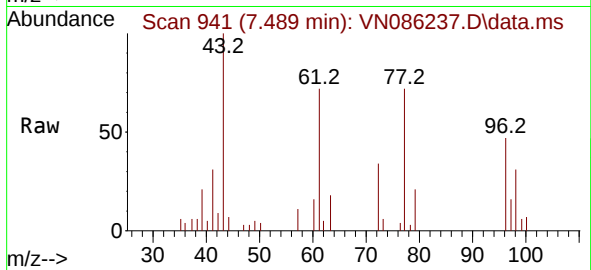




#26
2,2-Dichloropropane
Concen: 6.615 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

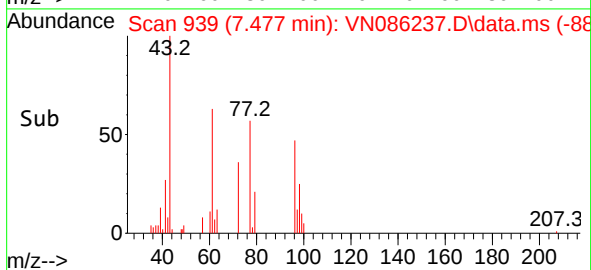
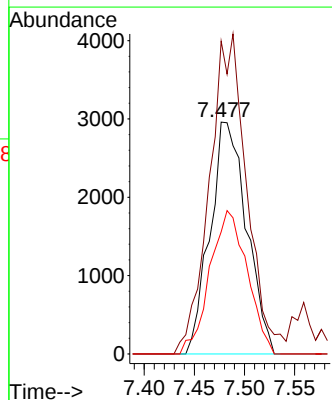
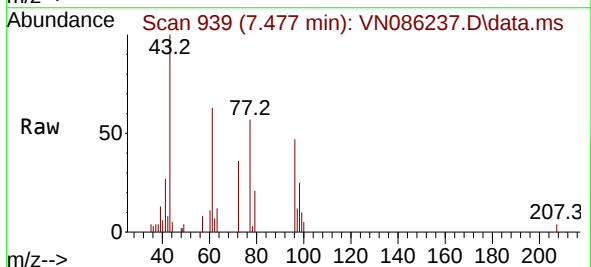
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

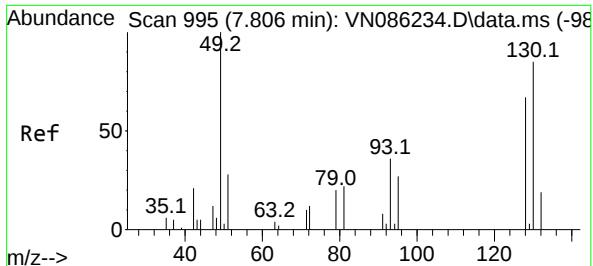
Tgt Ion: 77 Resp: 10785
Ion Ratio Lower Upper
77 100
97 20.4 11.2 33.6



#27
cis-1,2-Dichloroethene
Concen: 6.694 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 96 Resp: 7494
Ion Ratio Lower Upper
96 100
61 140.9 0.0 270.8
98 63.1 0.0 127.0

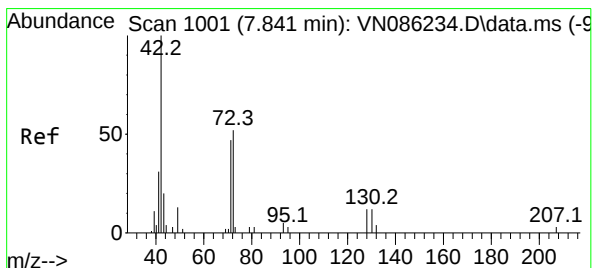
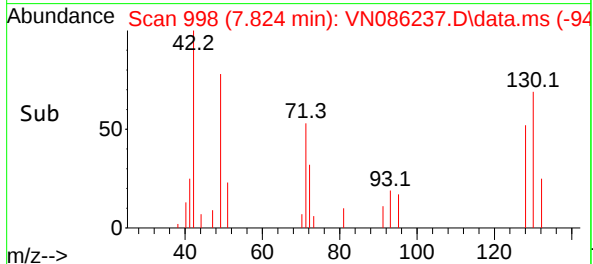
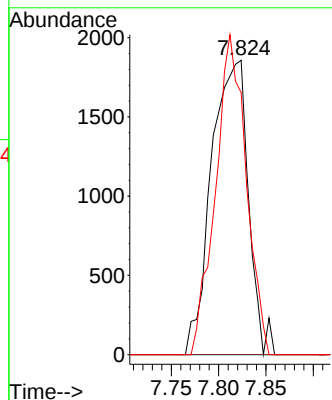
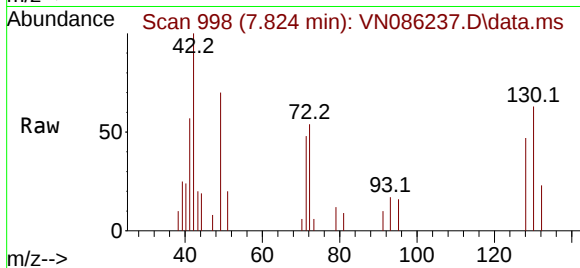




#28
Bromochloromethane
Concen: 6.631 ug/l
RT: 7.824 min Scan# 995
Delta R.T. 0.018 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

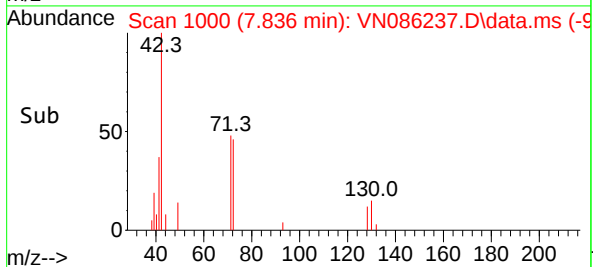
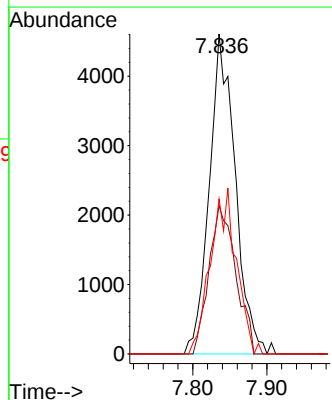
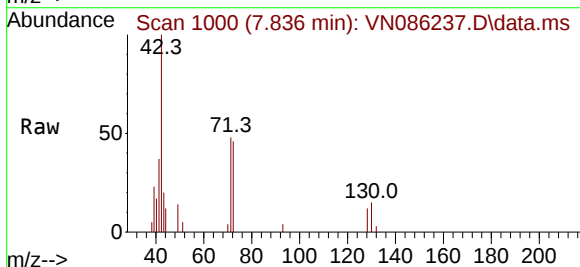
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

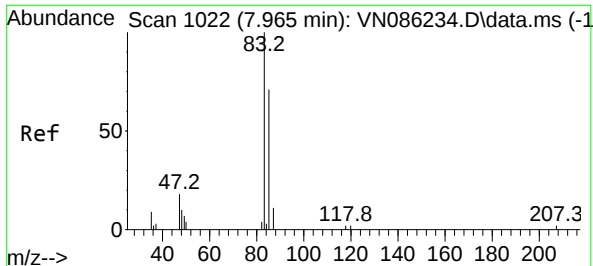
Tgt Ion: 49 Resp: 5027
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.0
130 90.5 70.5 105.7



#29
Tetrahydrofuran
Concen: 33.924 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 42 Resp: 11229
Ion Ratio Lower Upper
42 100
72 47.9 40.8 61.2
71 51.5 38.2 57.4





#30

Chloroform

Concen: 6.871 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

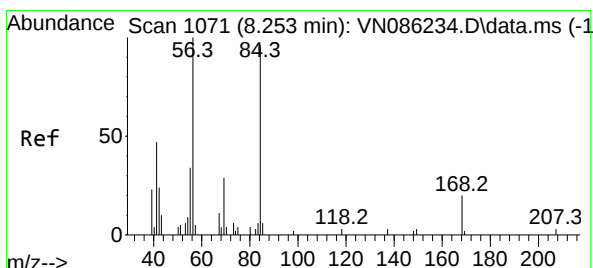
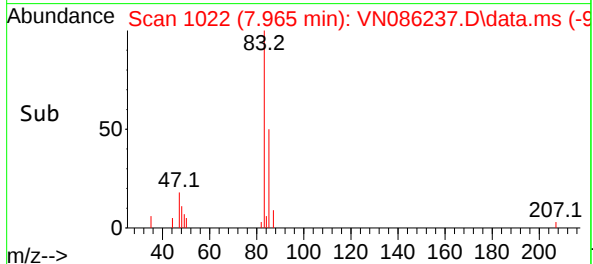
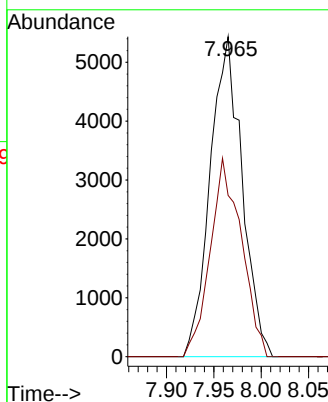
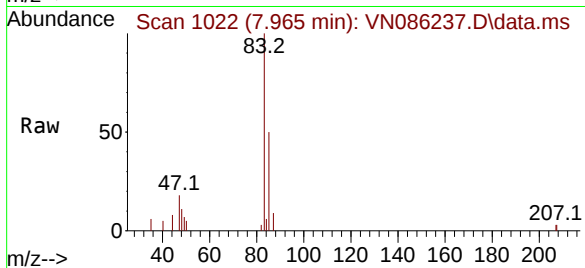
VSTDIC005

Tgt Ion: 83 Resp: 12713

Ion Ratio Lower Upper

83 100

85 50.4 56.4 84.6#



#31

Cyclohexane

Concen: 8.087 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

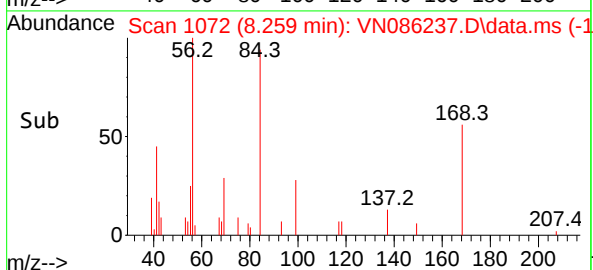
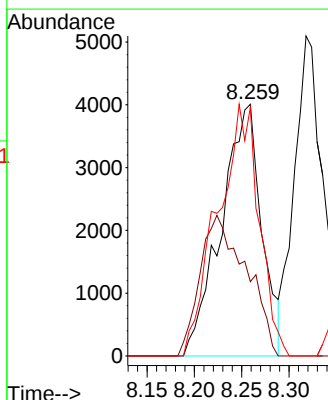
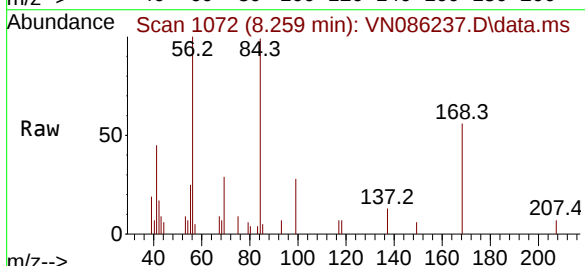
Tgt Ion: 56 Resp: 11913

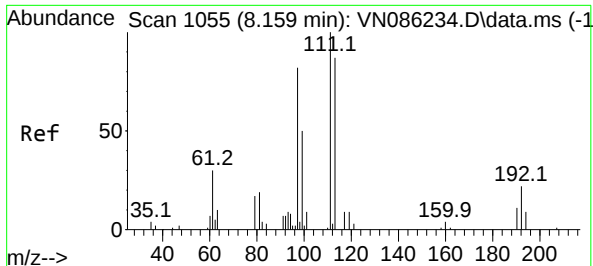
Ion Ratio Lower Upper

56 100

69 29.5 23.1 34.7

84 98.8 76.9 115.3





#32

1,1,1-Trichloroethane

Concen: 6.861 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

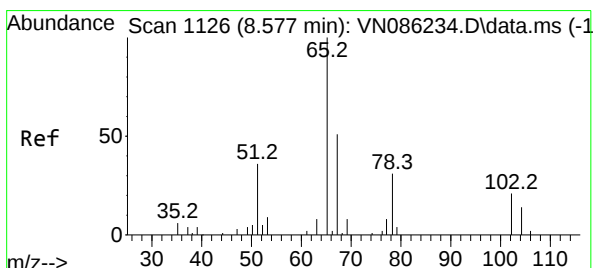
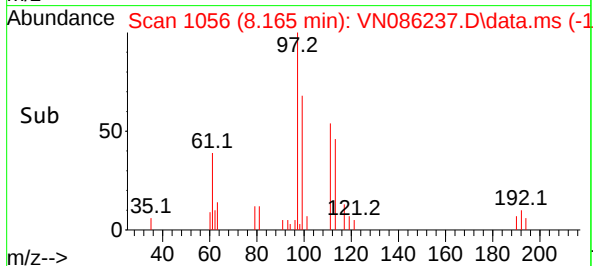
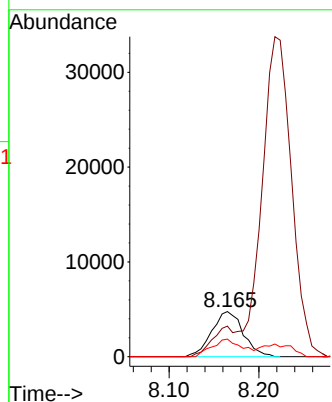
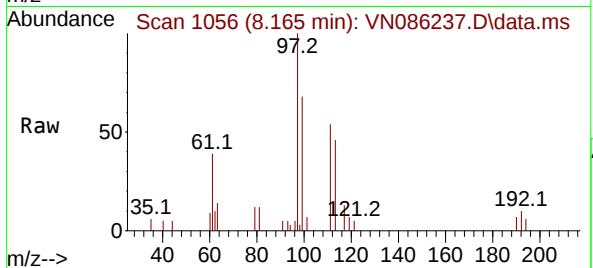
Tgt Ion: 97 Resp: 11591

Ion Ratio Lower Upper

97 100

99 44.5 51.8 77.8#

61 37.2 35.1 52.7



#33

1,2-Dichloroethane-d4

Concen: 5.284 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086237.D

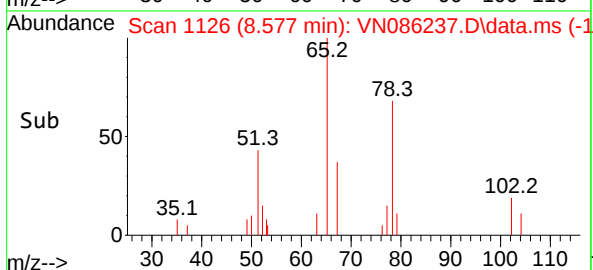
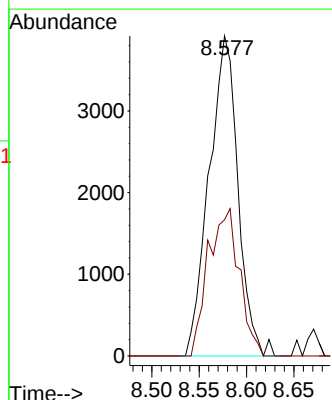
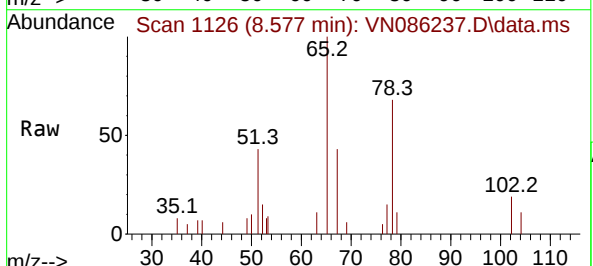
Acq: 07 Apr 2025 15:09

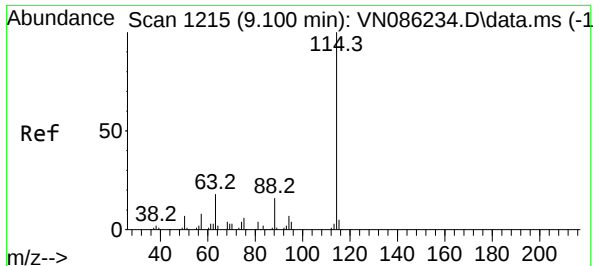
Tgt Ion: 65 Resp: 8317

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

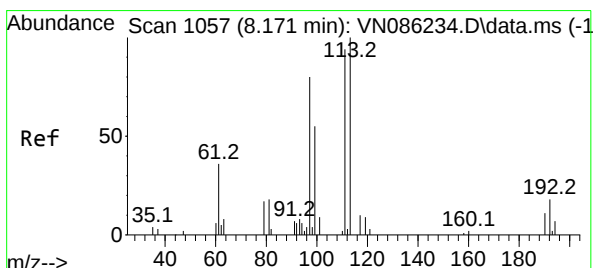
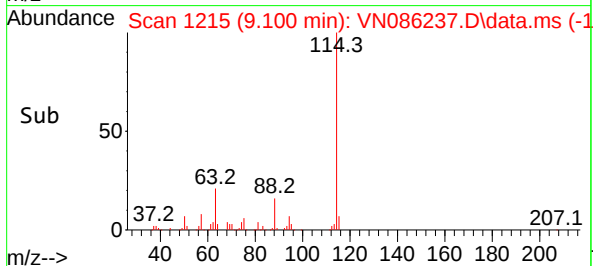
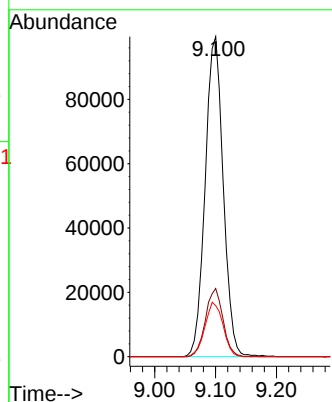
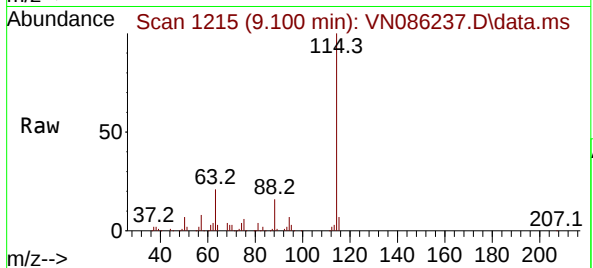
Tgt Ion:114 Resp: 205159

Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.6

88 16.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 4.969 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.012 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

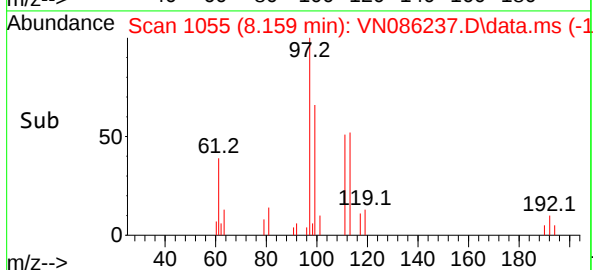
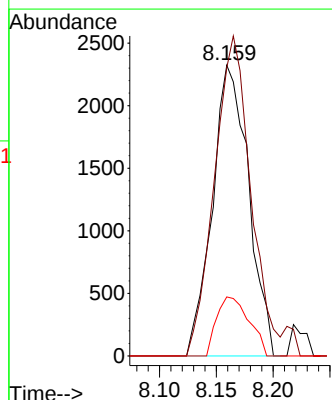
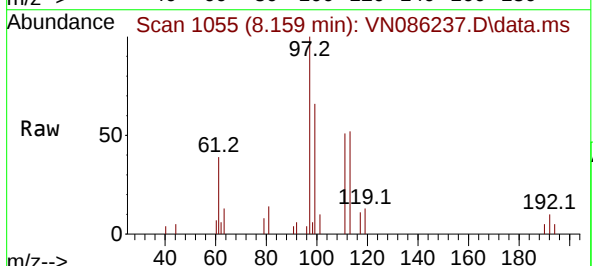
Tgt Ion:113 Resp: 5153

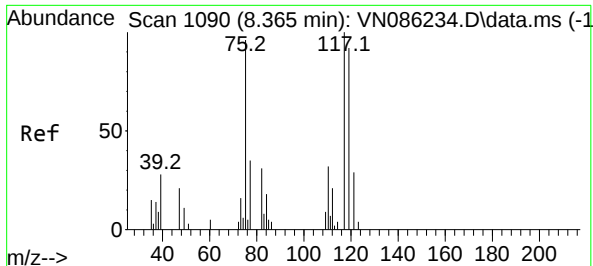
Ion Ratio Lower Upper

113 100

111 113.1 84.2 126.2

192 18.1 16.1 24.1

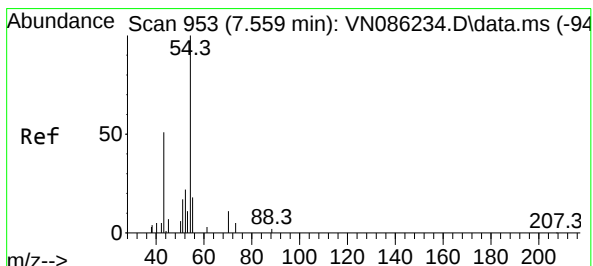
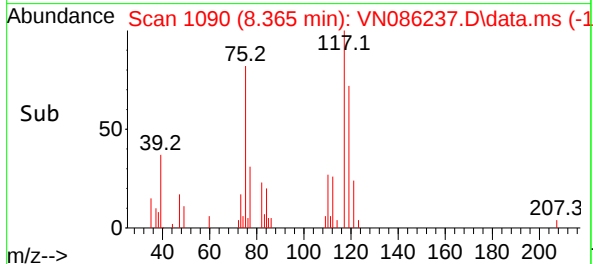
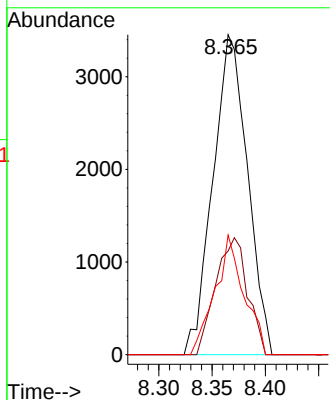
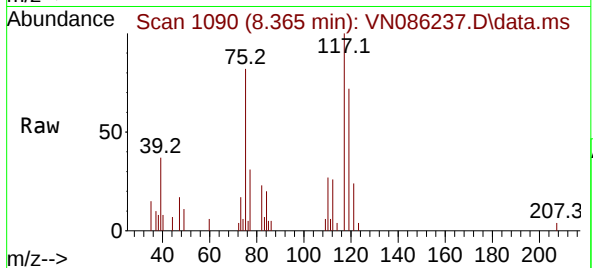




#36
1,1-Dichloropropene
Concen: 6.897 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

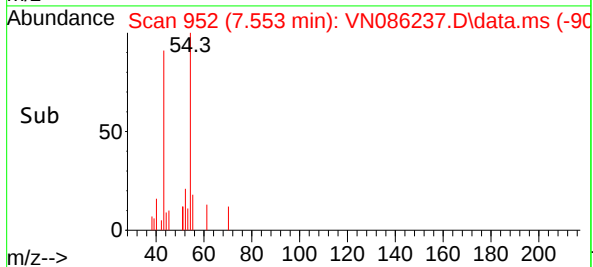
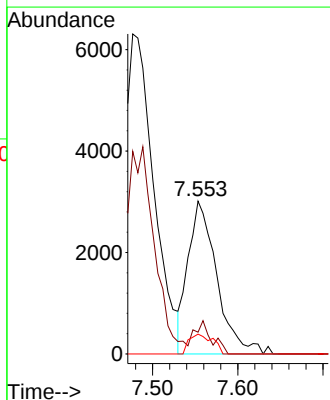
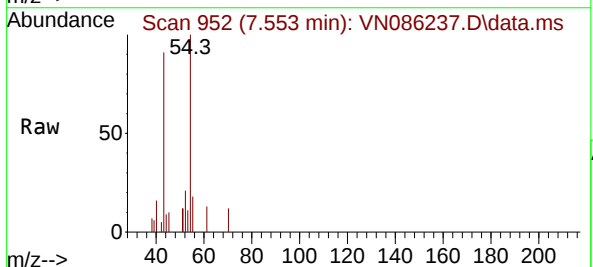
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

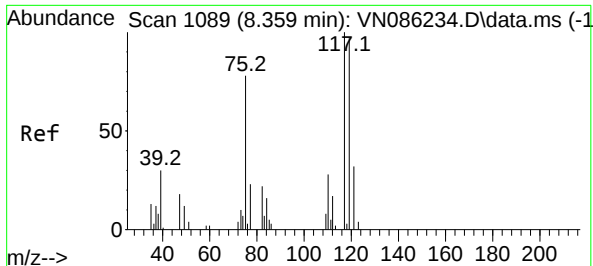
Tgt Ion:	75	Resp:	7794
Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	31.4	23.0	34.4



#37
Ethyl Acetate
Concen: 6.971 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:	43	Resp:	7110
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.8	17.6
70	10.5	11.7	17.5#

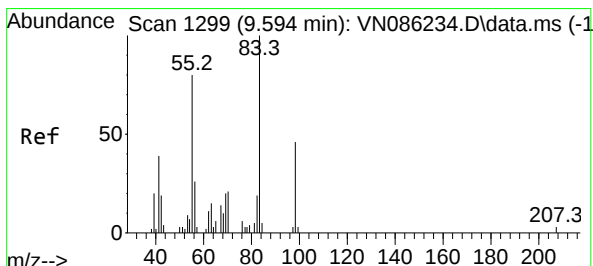
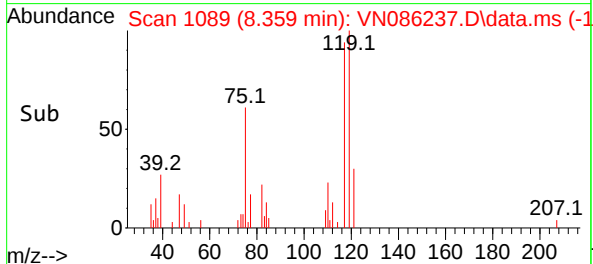
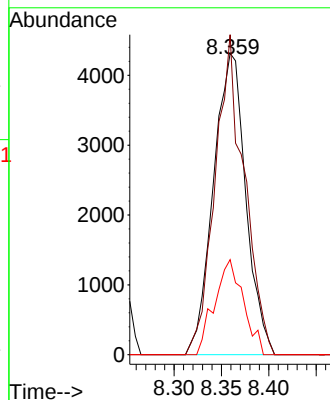
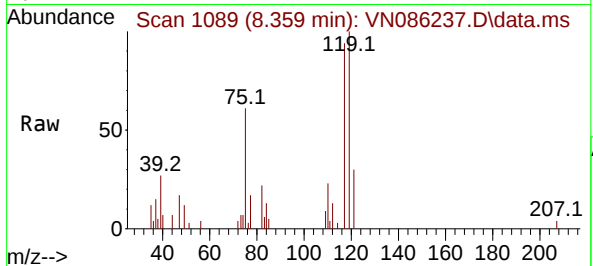




#38
Carbon Tetrachloride
Concen: 7.027 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

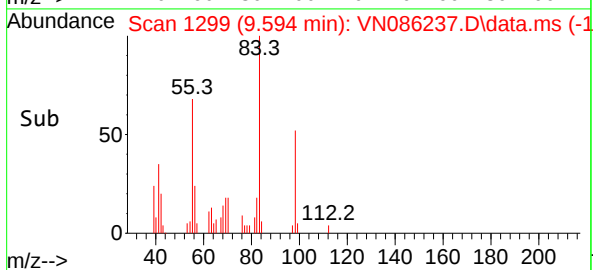
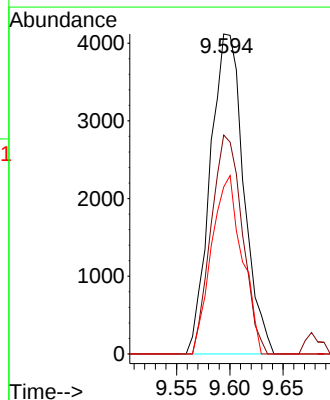
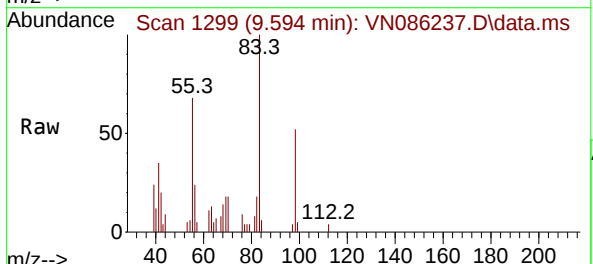
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

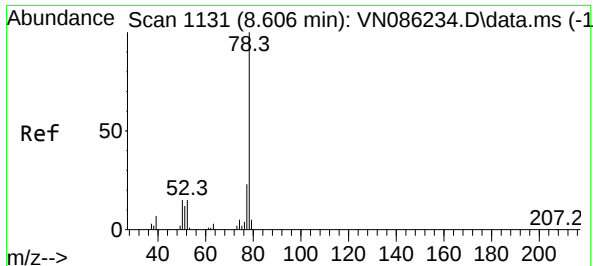
Tgt Ion:	117	Resp:	10261
Ion	Ratio	Lower	Upper
117	100		
119	106.1	77.9	116.9
121	31.5	25.3	37.9



#39
Methylcyclohexane
Concen: 6.650 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:	83	Resp:	8993
Ion	Ratio	Lower	Upper
83	100		
55	68.4	63.9	95.9
98	52.2	36.6	55.0

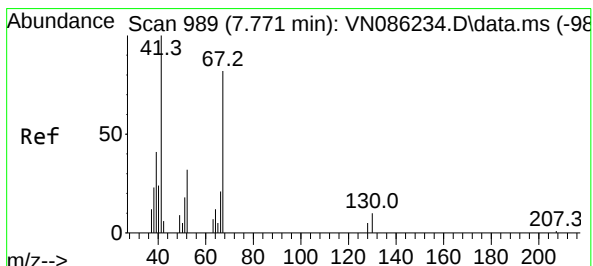
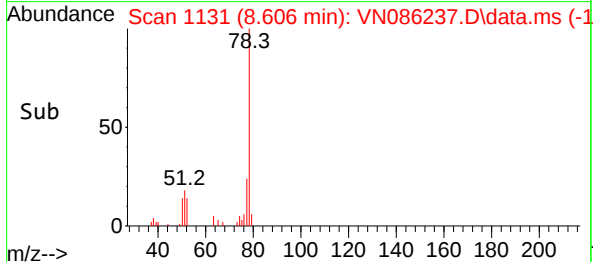
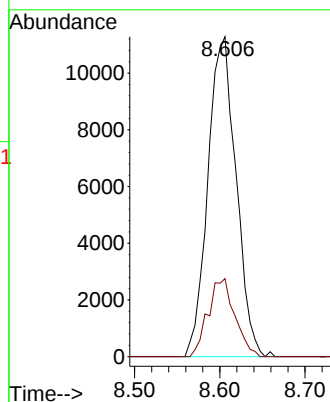
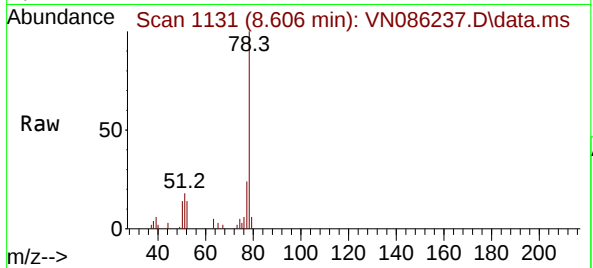




#40
Benzene
Concen: 6.639 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

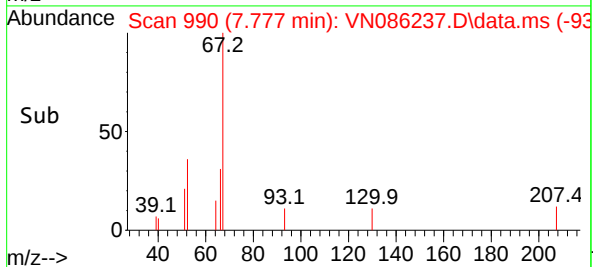
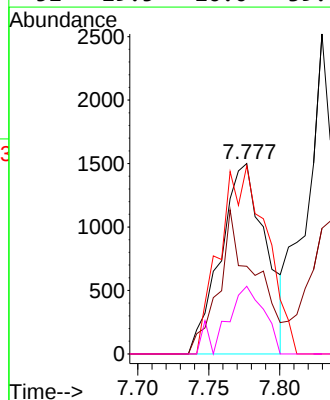
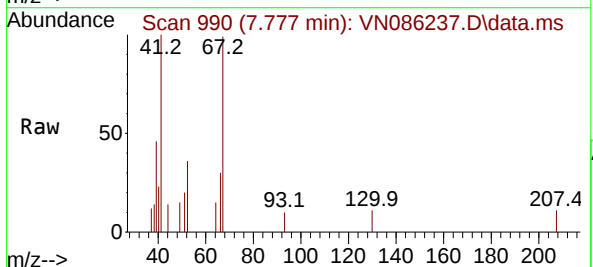
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

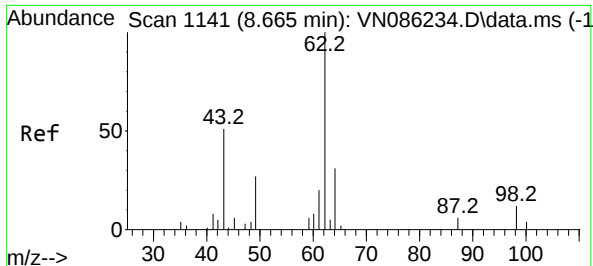
Tgt Ion: 78 Resp: 25978
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0



#41
Methacrylonitrile
Concen: 5.894 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 41 Resp: 3330
Ion Ratio Lower Upper
41 100
39 60.9 39.0 58.6#
67 103.0 67.8 101.6#
52 29.5 26.0 39.0





#42

1,2-Dichloroethane

Concen: 7.160 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

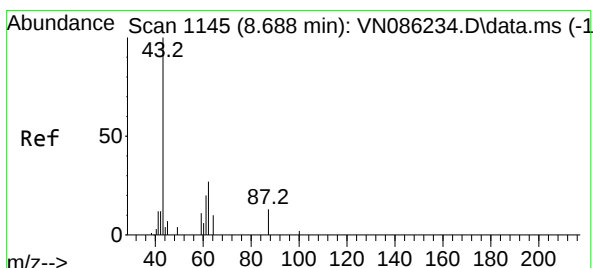
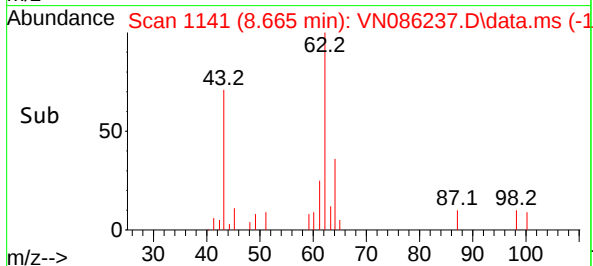
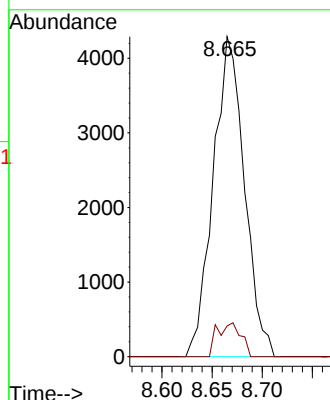
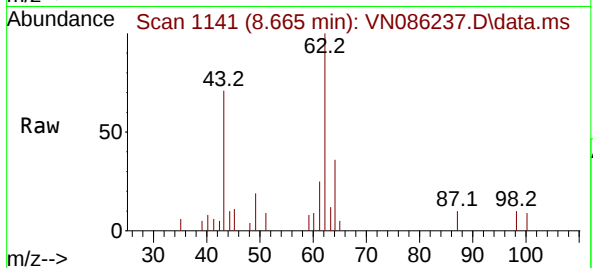
VSTDIC005

Tgt Ion: 62 Resp: 9293

Ion Ratio Lower Upper

62 100

98 8.1 0.0 17.8



#43

Isopropyl Acetate

Concen: 6.445 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

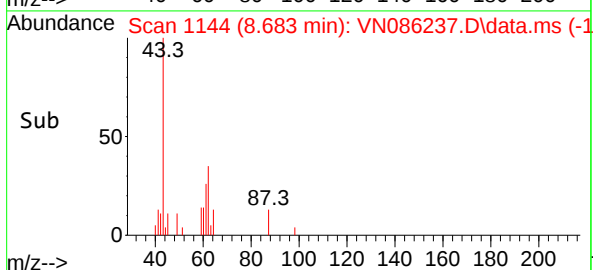
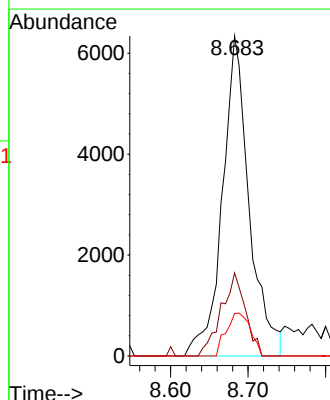
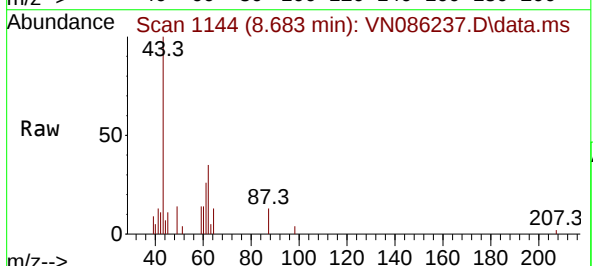
Tgt Ion: 43 Resp: 15252

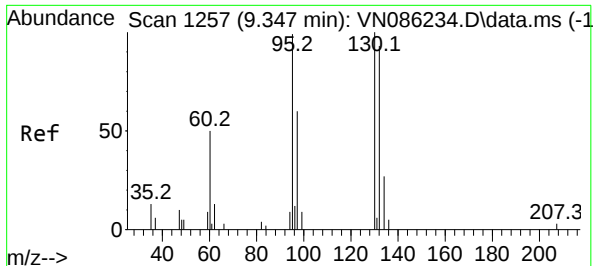
Ion Ratio Lower Upper

43 100

61 23.3 21.4 32.0

87 12.1 11.4 17.0

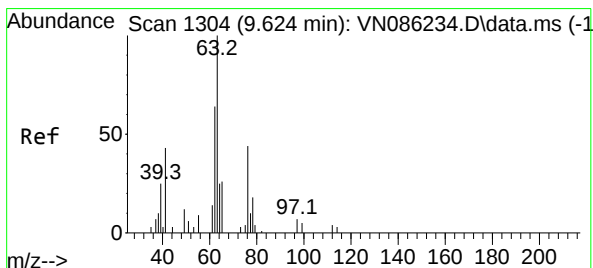
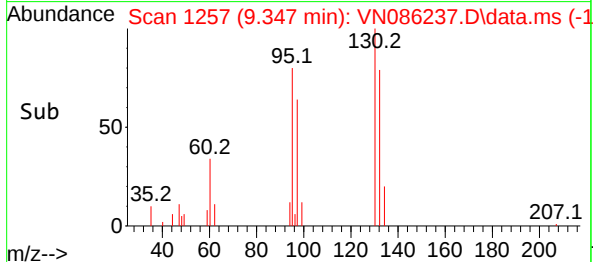
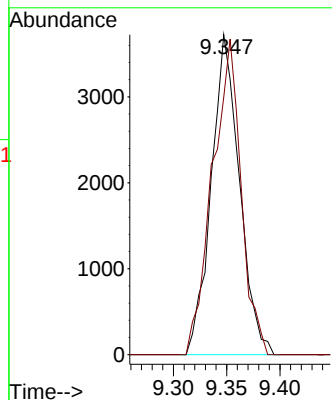
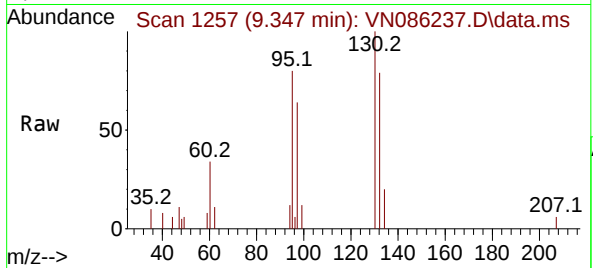




#44
Trichloroethene
Concen: 6.840 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

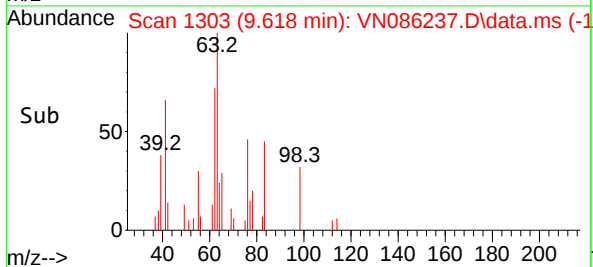
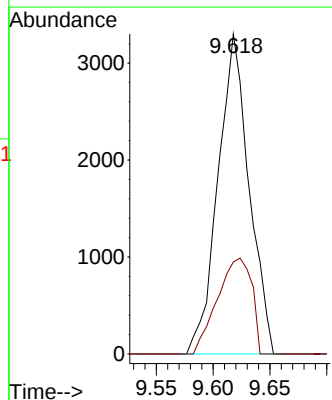
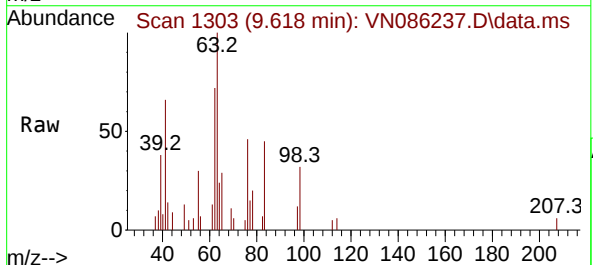
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

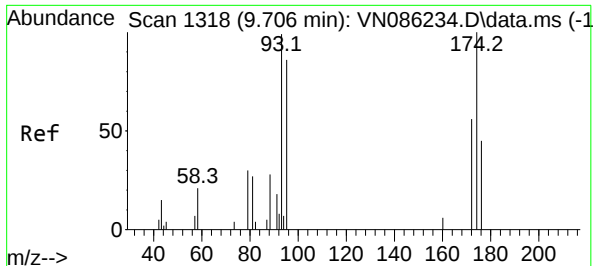
Tgt Ion:130 Resp: 6867
Ion Ratio Lower Upper
130 100
95 80.4 0.0 198.6



#45
1,2-Dichloropropane
Concen: 7.161 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 63 Resp: 6277
Ion Ratio Lower Upper
63 100
65 28.7 20.6 31.0

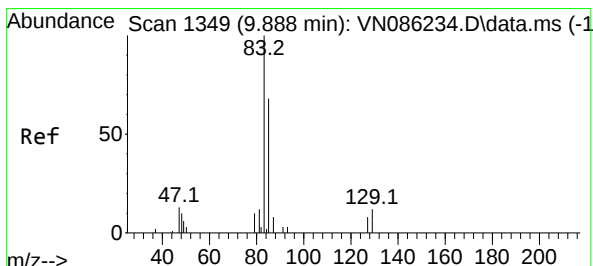
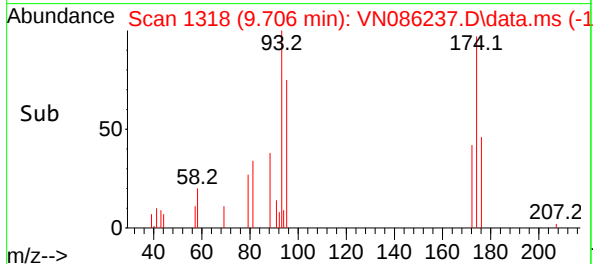
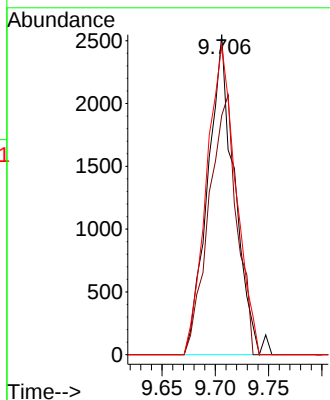
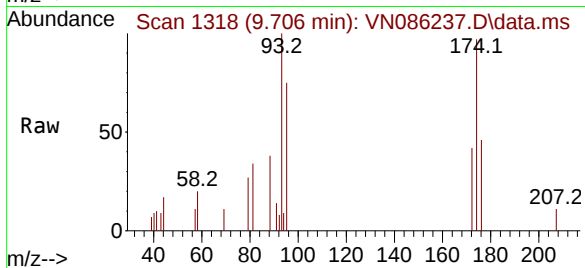




#46
Dibromomethane
Concen: 6.847 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

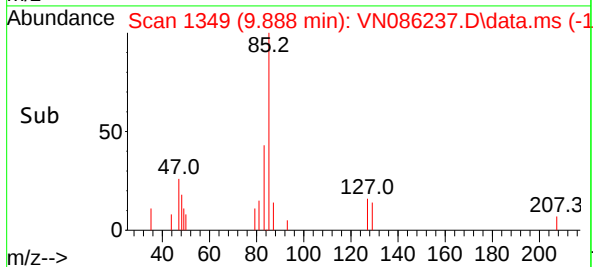
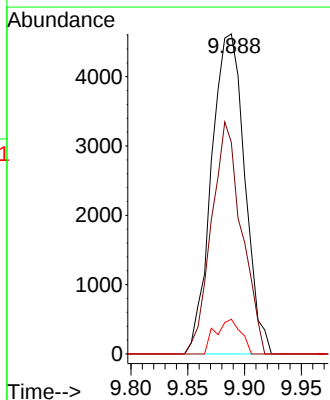
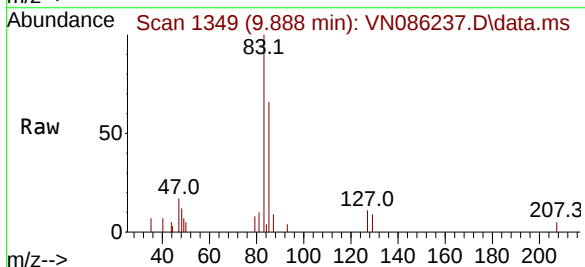
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

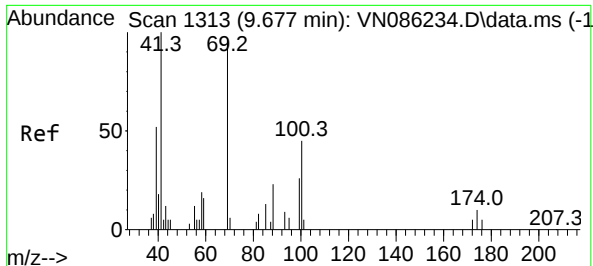
Tgt Ion: 93 Resp: 4449
Ion Ratio Lower Upper
93 100
95 85.0 63.1 94.7
174 106.2 74.2 111.2



#47
Bromodichloromethane
Concen: 6.869 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 83 Resp: 9407
Ion Ratio Lower Upper
83 100
85 66.1 54.0 81.0
127 10.8 6.4 9.6#





#48

Methyl methacrylate

Concen: 5.859 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

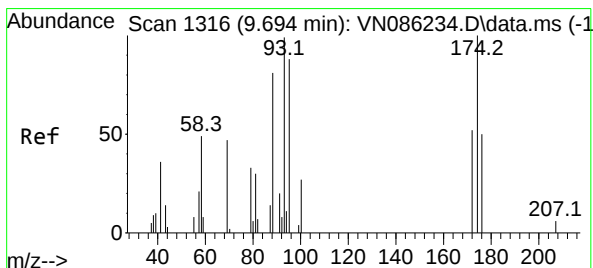
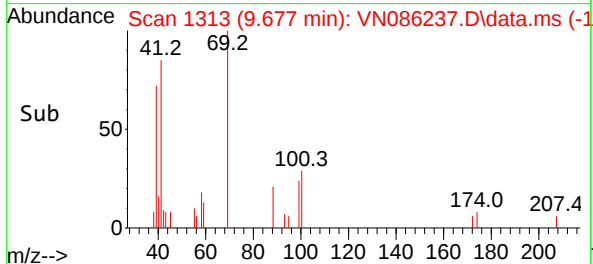
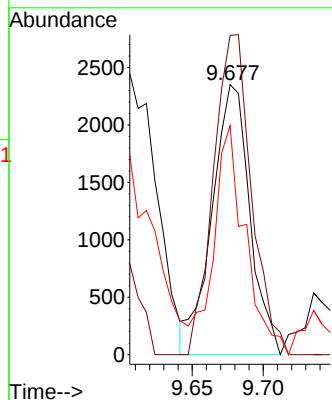
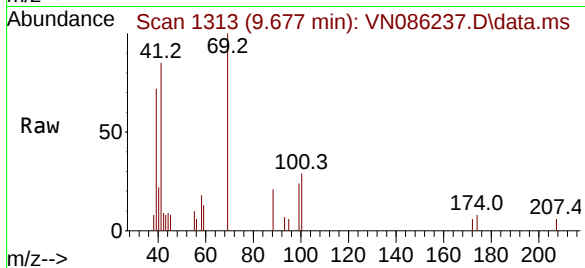
Tgt Ion: 41 Resp: 4361

Ion Ratio Lower Upper

41 100

69 118.8 80.0 120.0

39 70.0 44.7 67.1#



#49

1,4-Dioxane

Concen: 147.745 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

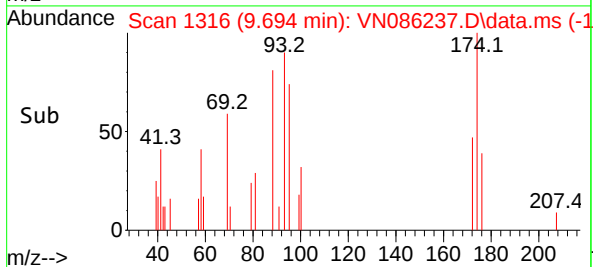
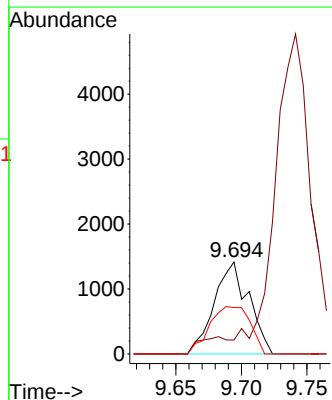
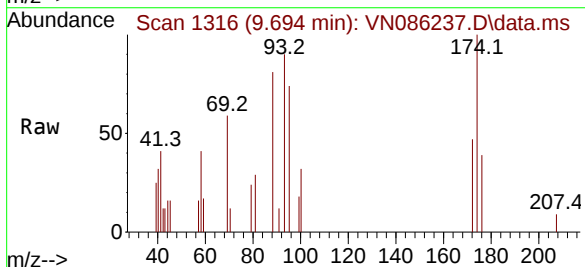
Tgt Ion: 88 Resp: 2592

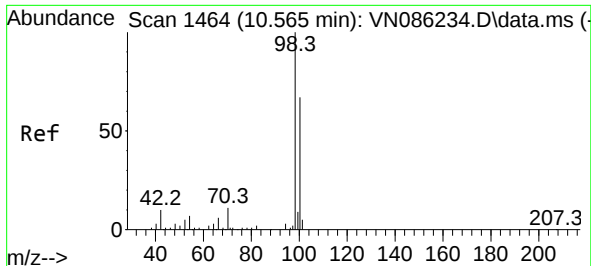
Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 60.4 52.2 78.2

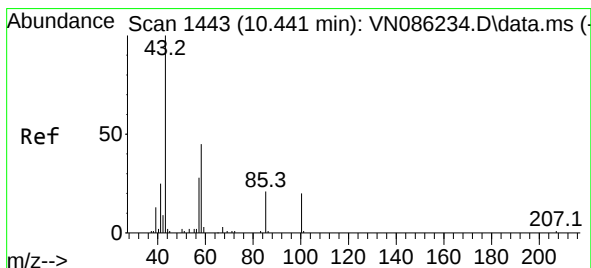
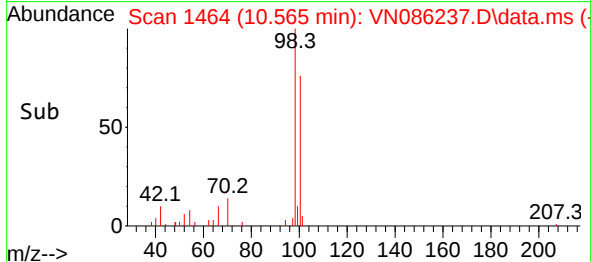
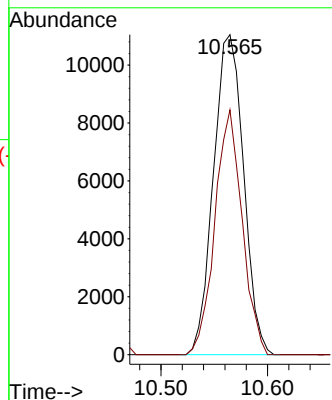
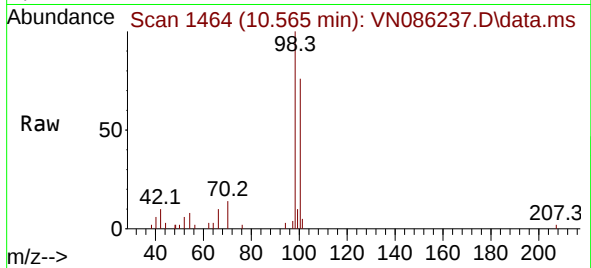




#50
Toluene-d8
Concen: 5.062 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

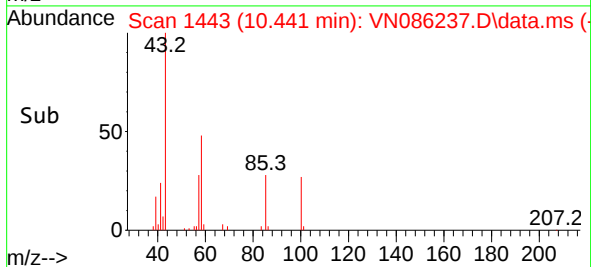
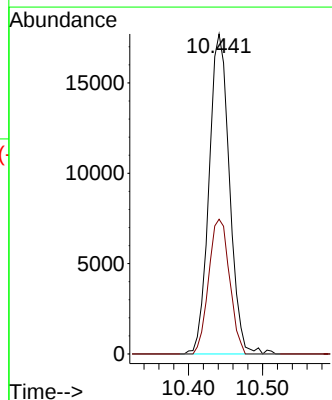
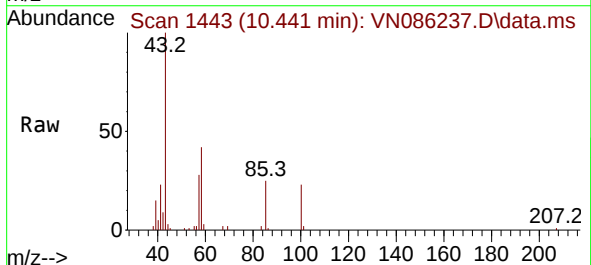
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

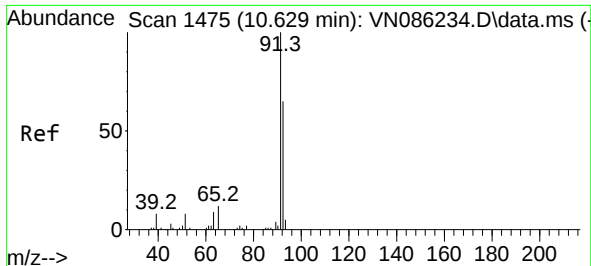
Tgt Ion: 98 Resp: 21728
Ion Ratio Lower Upper
98 100
100 69.1 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 34.551 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 43 Resp: 33963
Ion Ratio Lower Upper
43 100
58 42.9 36.2 54.4

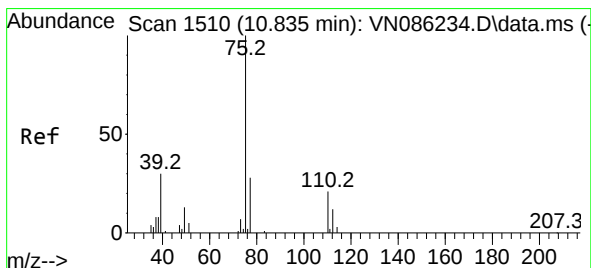
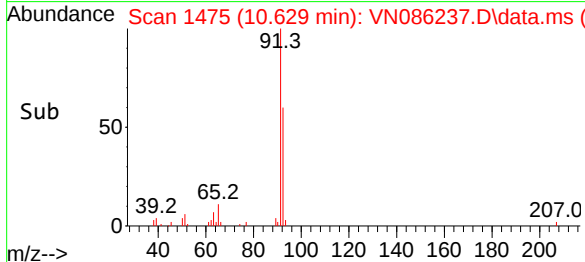
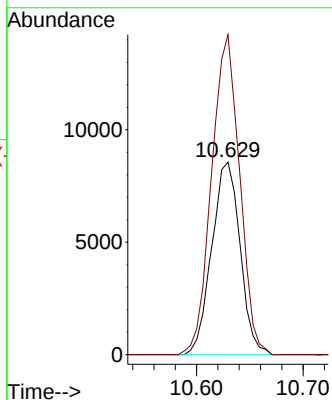
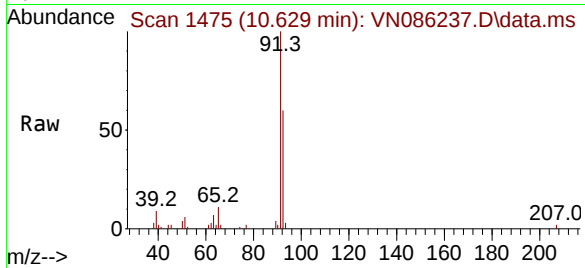




#52
Toluene
Concen: 6.752 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

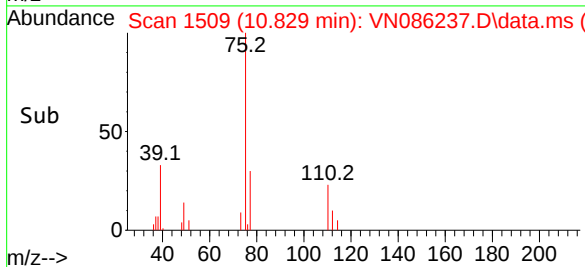
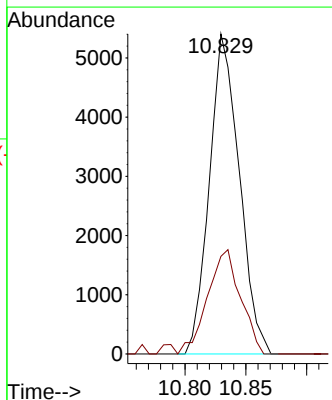
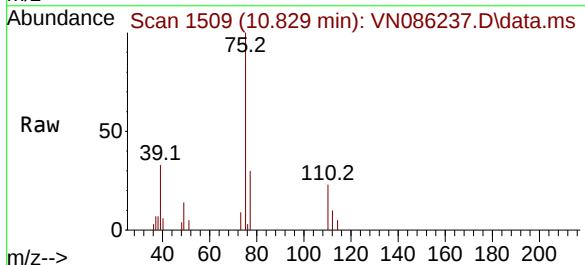
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

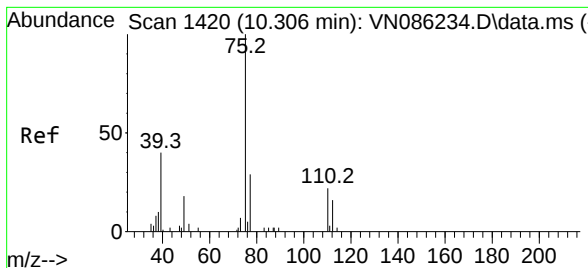
Tgt Ion: 92 Resp: 15806
Ion Ratio Lower Upper
92 100
91 164.7 134.9 202.3



#53
t-1,3-Dichloropropene
Concen: 6.520 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 75 Resp: 9243
Ion Ratio Lower Upper
75 100
77 30.5 22.2 33.2

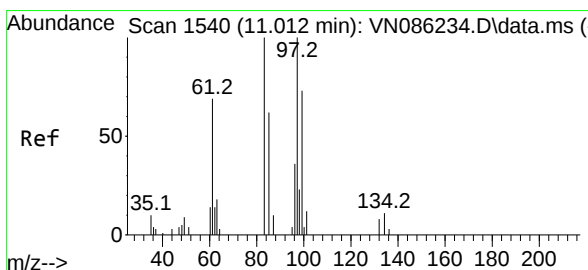
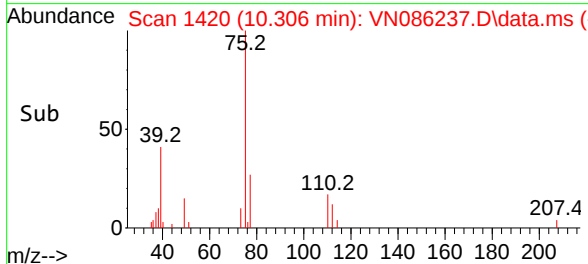
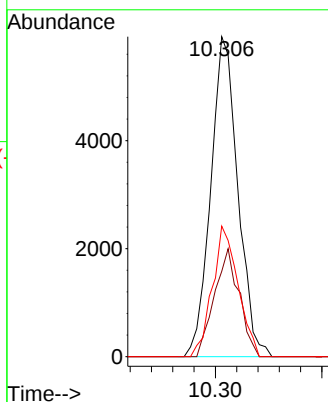
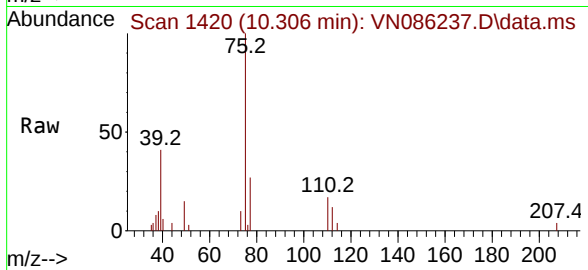




#54
 cis-1,3-Dichloropropene
 Concen: 6.845 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN086237.D
 Acq: 07 Apr 2025 15:09

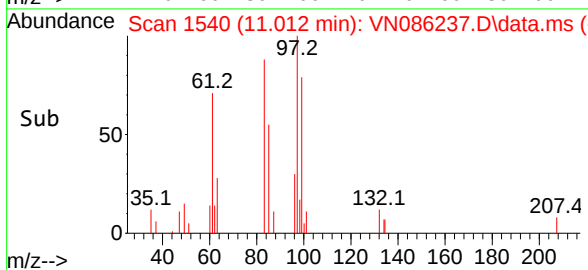
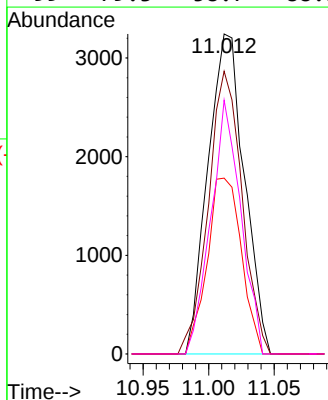
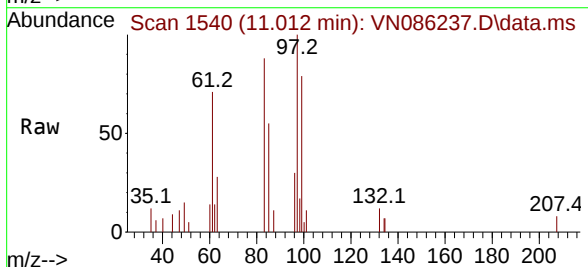
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

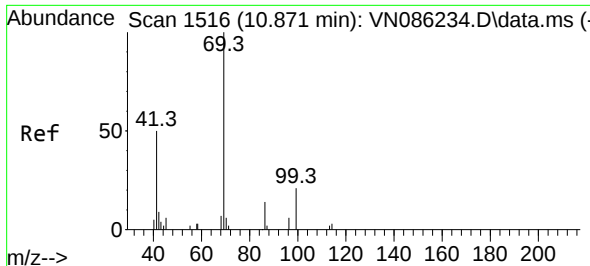
Tgt Ion: 75	Resp:	10462
Ion	Ratio	Lower Upper
75	100	
77	26.7	22.9 34.3
39	40.8	31.7 47.5



#55
 1,1,2-Trichloroethane
 Concen: 6.856 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086237.D
 Acq: 07 Apr 2025 15:09

Tgt Ion: 97	Resp:	6269
Ion	Ratio	Lower Upper
97	100	
83	88.3	80.2 120.4
85	55.0	49.7 74.5
99	79.3	58.7 88.1

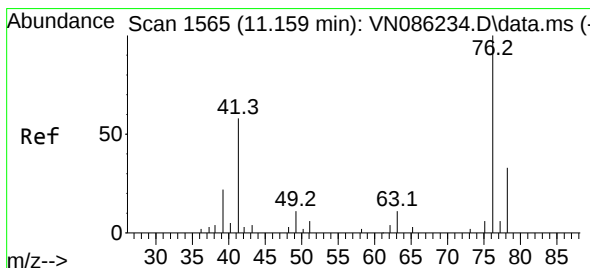
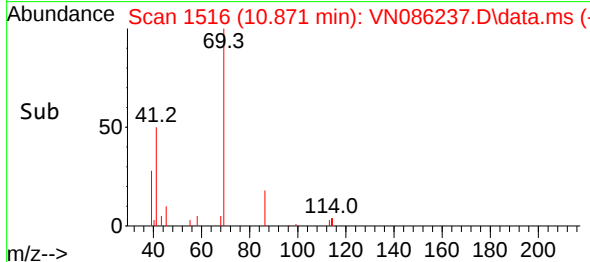
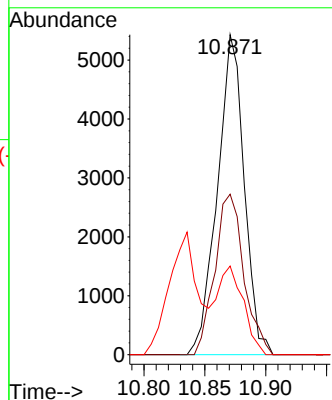
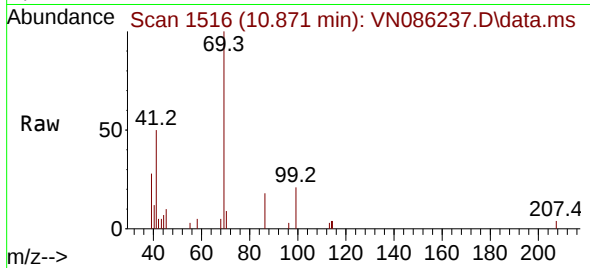




#56
Ethyl methacrylate
Concen: 7.229 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

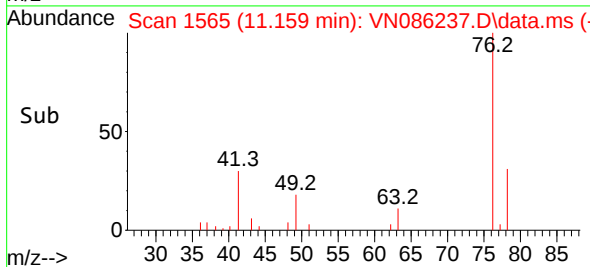
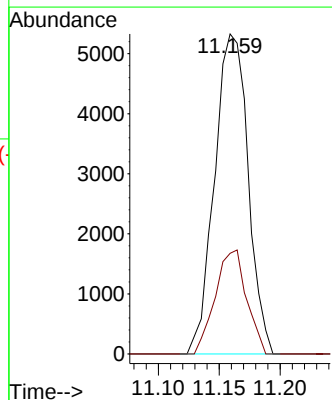
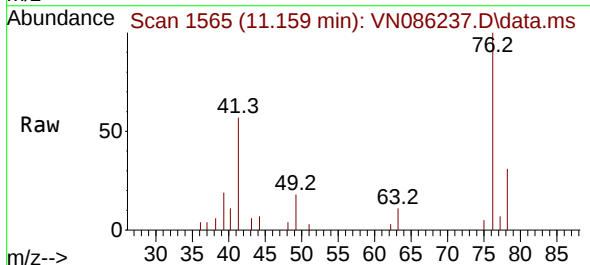
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

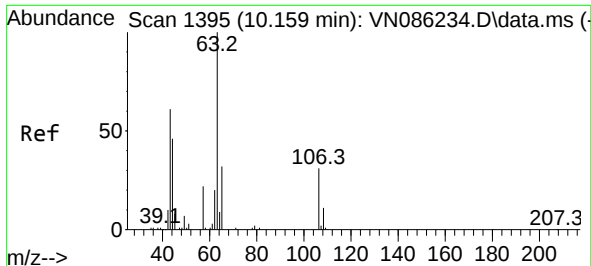
Tgt Ion:	69	Resp:	8320
Ion	Ratio	Lower	Upper
69	100		
41	54.4	43.9	65.9
39	26.9	22.0	33.0



#57
1,3-Dichloropropane
Concen: 6.840 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:	76	Resp:	10199
Ion	Ratio	Lower	Upper
76	100		
78	30.3	26.2	39.4

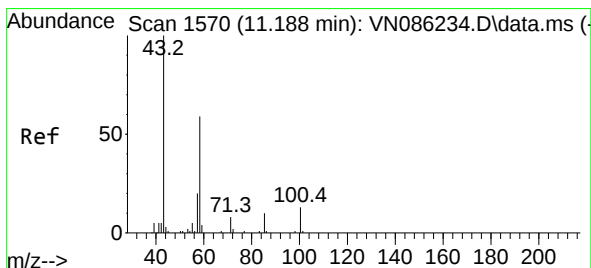
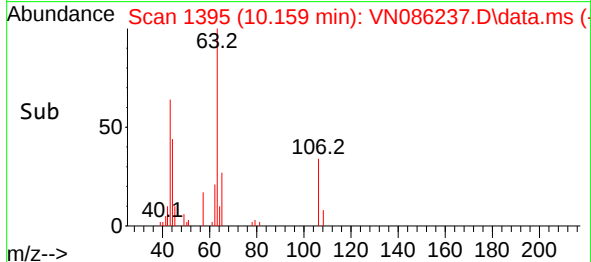
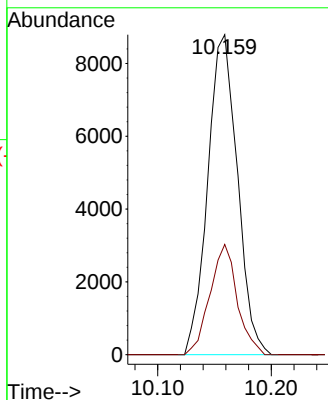
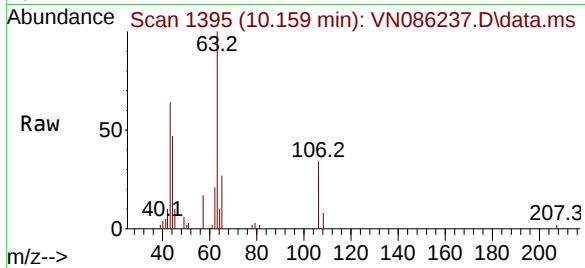




#58
2-Chloroethyl Vinyl ether
Concen: 25.938 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

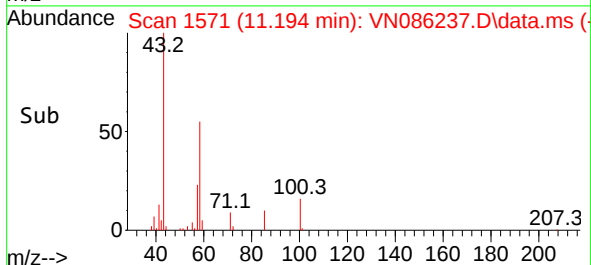
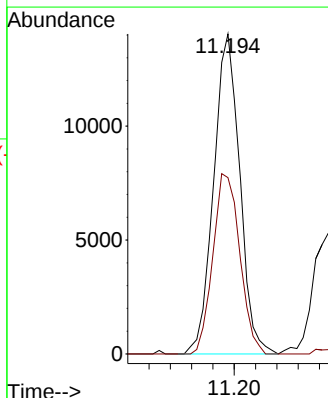
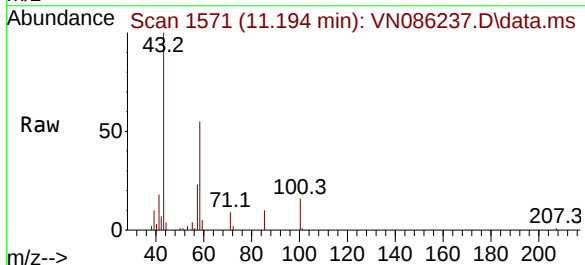
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

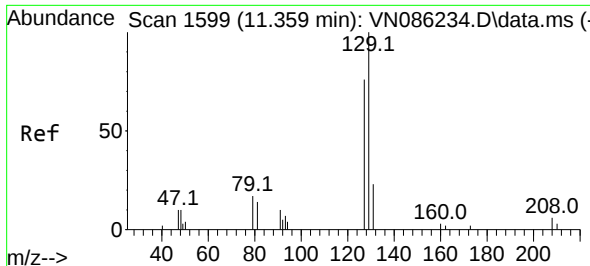
Tgt Ion: 63 Resp: 15937
Ion Ratio Lower Upper
63 100
106 31.7 24.1 36.1



#59
2-Hexanone
Concen: 34.583 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 43 Resp: 23866
Ion Ratio Lower Upper
43 100
58 58.0 32.2 96.6

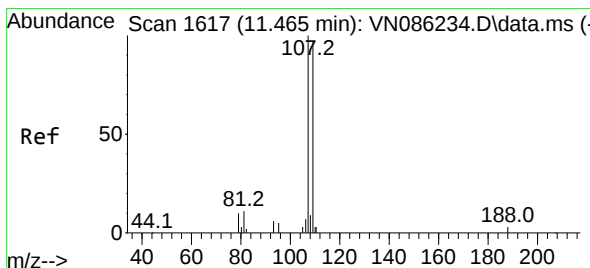
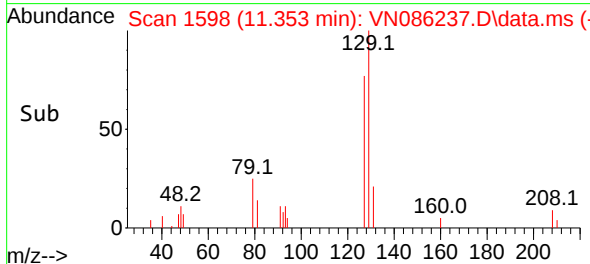
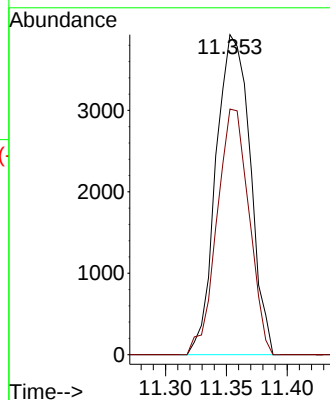
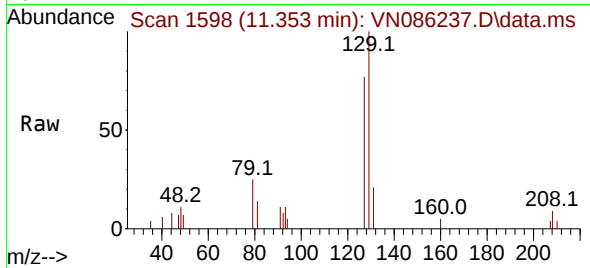




#60
Dibromochloromethane
Concen: 7.167 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

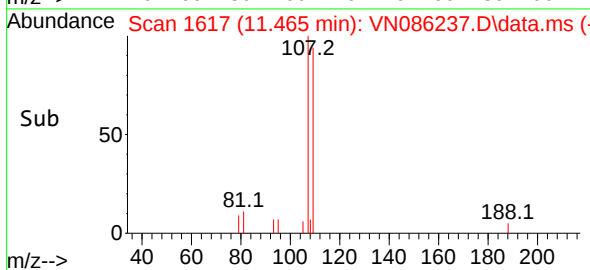
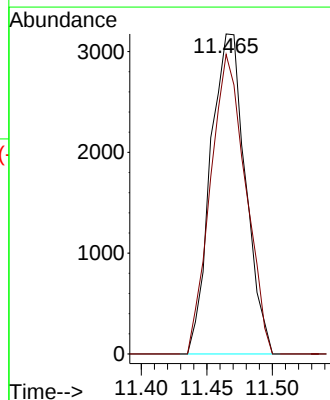
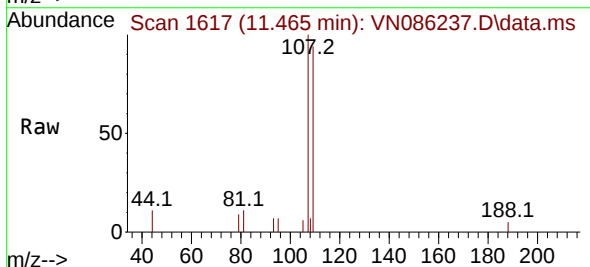
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

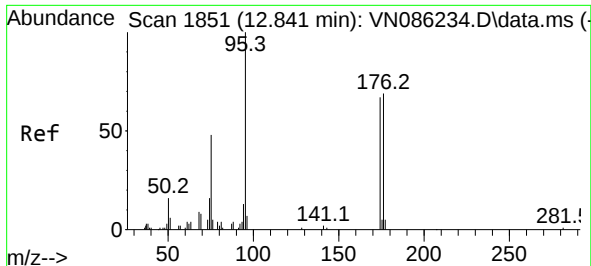
Tgt Ion:129 Resp: 7689
Ion Ratio Lower Upper
129 100
127 71.9 39.8 119.3



#61
1,2-Dibromoethane
Concen: 6.896 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:107 Resp: 5861
Ion Ratio Lower Upper
107 100
109 94.6 76.0 114.0

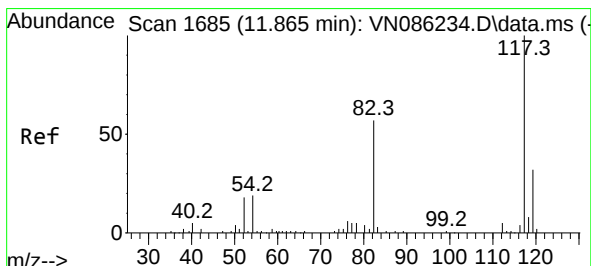
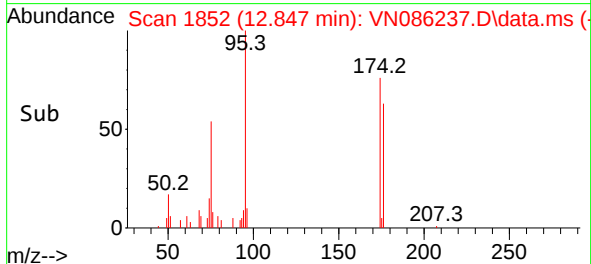
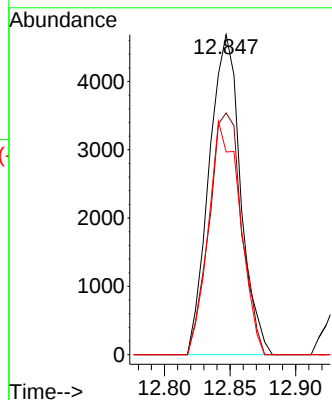
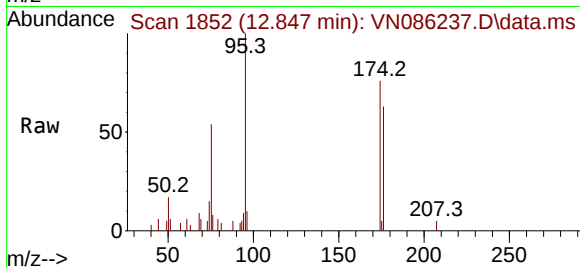




#62
4-Bromofluorobenzene
Concen: 5.152 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

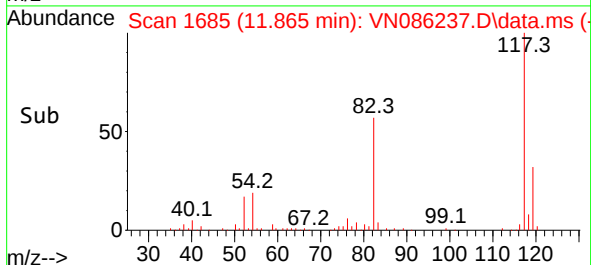
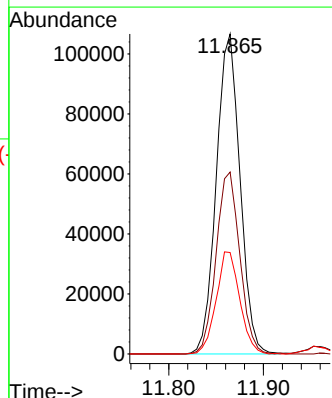
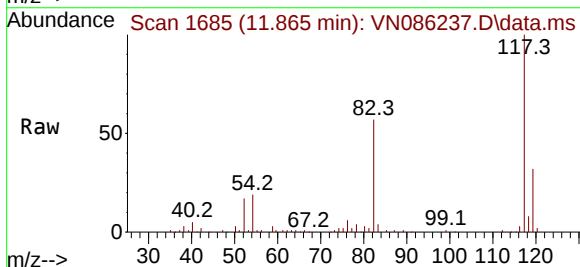
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

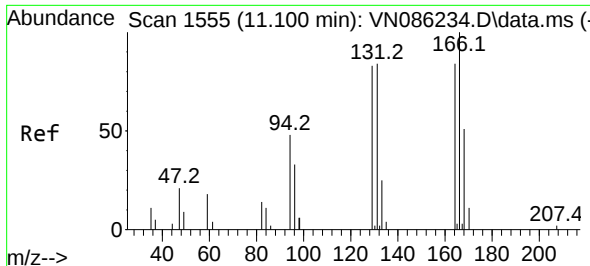
Tgt Ion:	95	Resp:	7815
Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	150.0
176	73.3	0.0	145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:	117	Resp:	185777
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.6	68.4
119	31.7	25.9	38.9

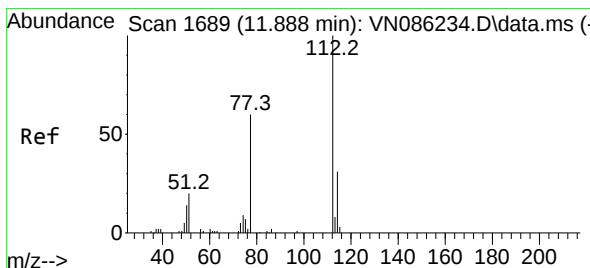
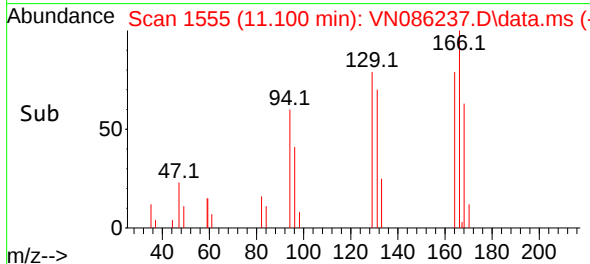
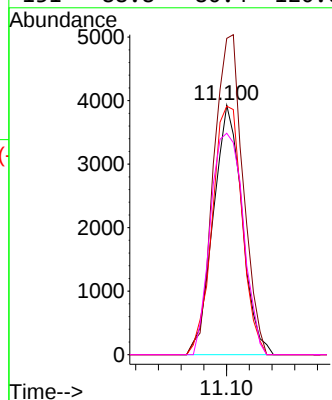
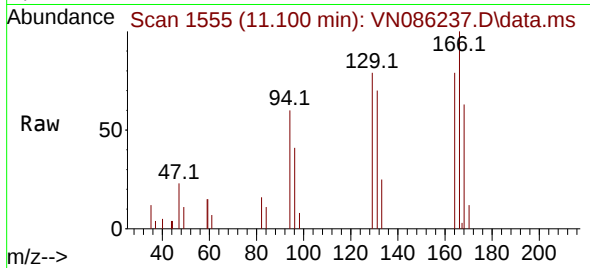




#64
Tetrachloroethene
Concen: 6.308 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

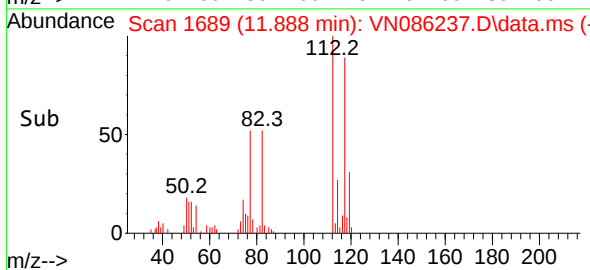
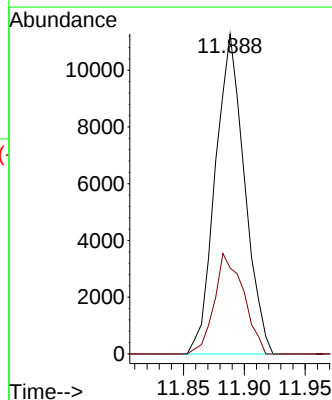
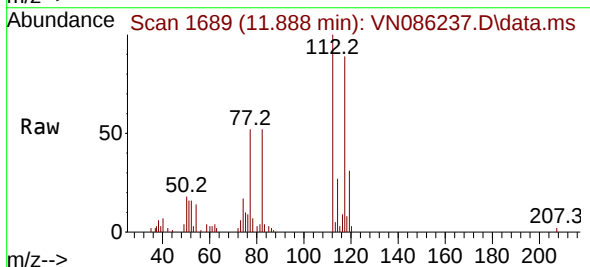
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

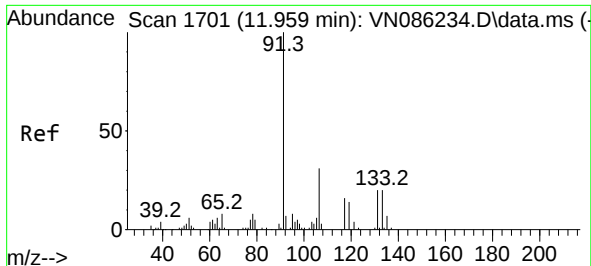
Tgt Ion:164	Resp:	6909
Ion	Ratio	Lower Upper
164	100	
166	126.8	95.7 143.5
129	99.6	79.4 119.0
131	88.8	80.4 120.6



#65
Chlorobenzene
Concen: 6.936 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:112	Resp:	18827
Ion	Ratio	Lower Upper
112	100	
114	26.8	25.0 37.6

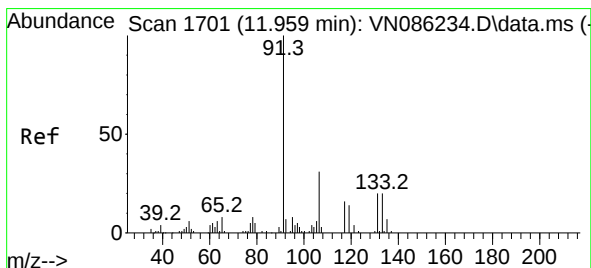
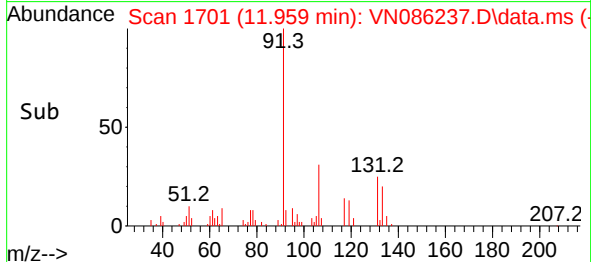
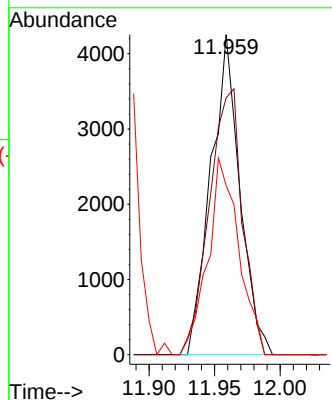
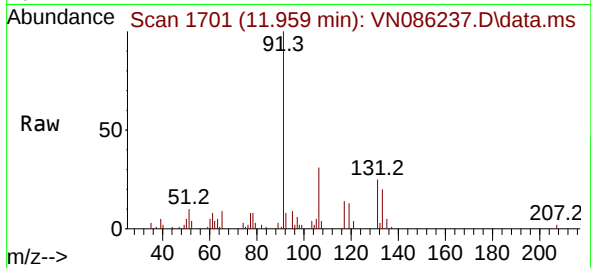




#66
1,1,1,2-Tetrachloroethane
Concen: 6.801 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

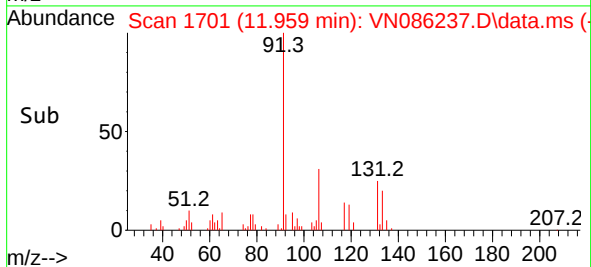
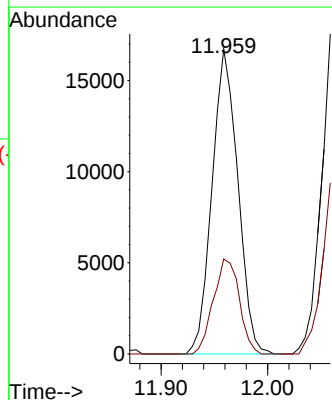
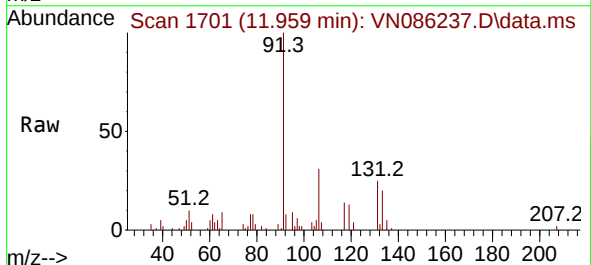
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

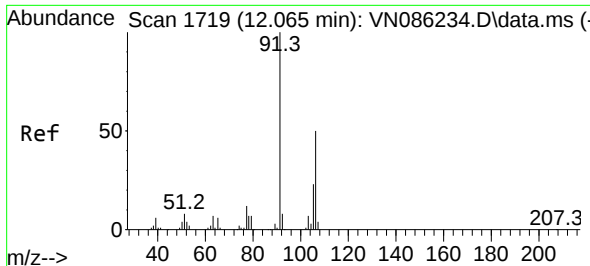
Tgt Ion:131 Resp: 6572
Ion Ratio Lower Upper
131 100
133 94.6 49.0 147.0
119 65.4 32.5 97.5



#67
Ethyl Benzene
Concen: 6.523 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 91 Resp: 28066
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7

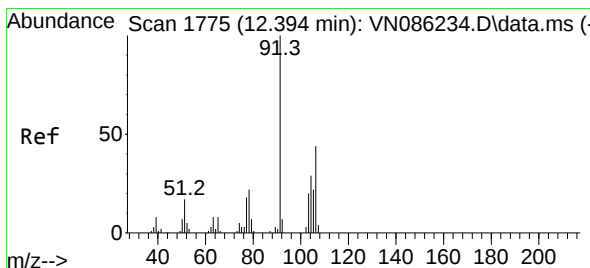
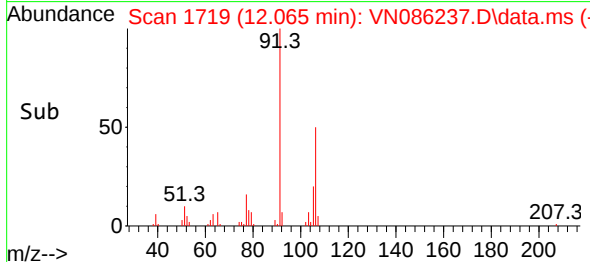
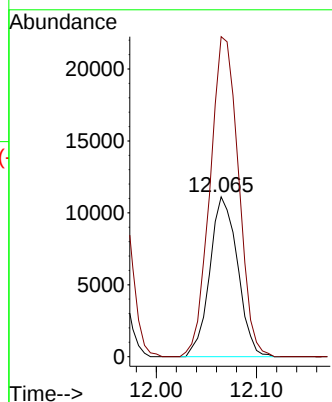
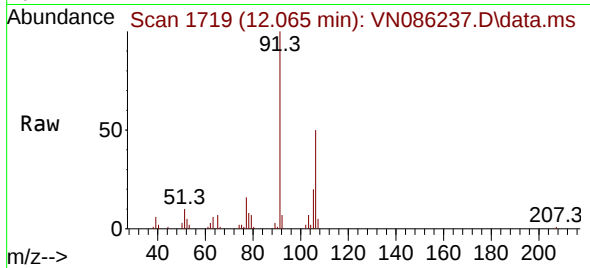




#68
m/p-Xylenes
Concen: 13.014 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

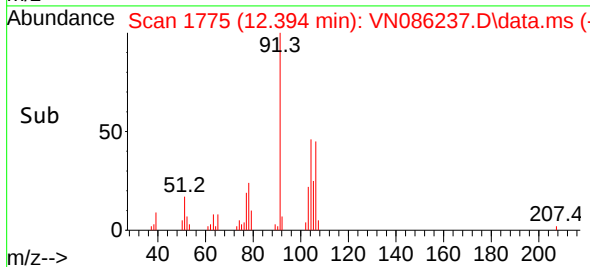
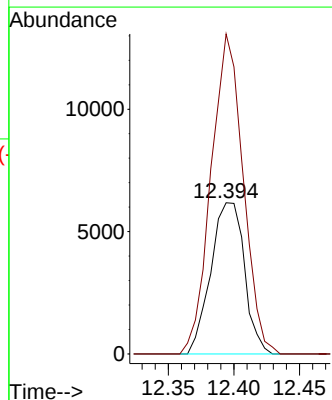
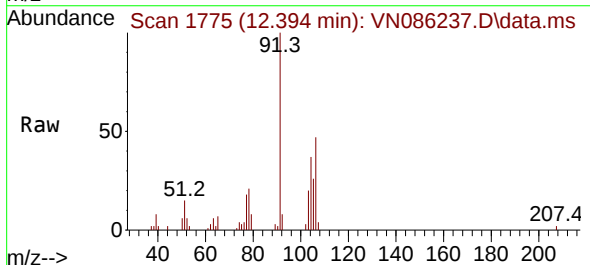
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

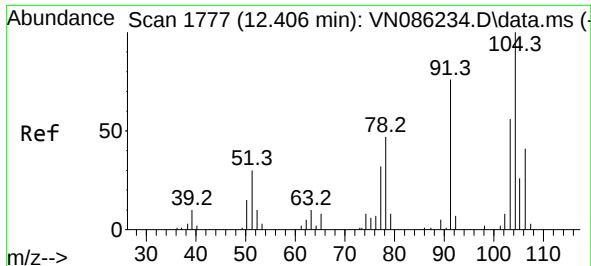
Tgt Ion:106 Resp: 21409
Ion Ratio Lower Upper
106 100
91 205.3 156.7 235.1



#69
o-Xylene
Concen: 6.775 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:106 Resp: 11017
Ion Ratio Lower Upper
106 100
91 201.9 109.0 327.0

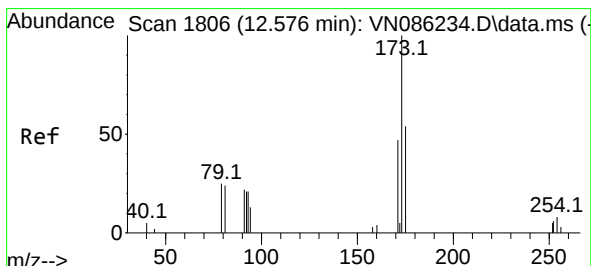
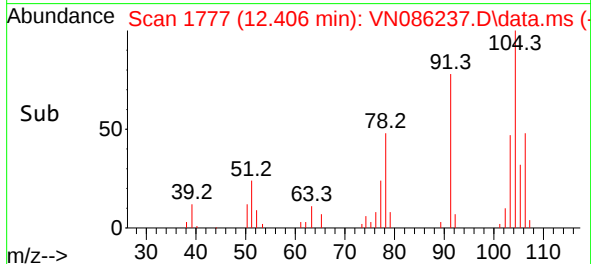
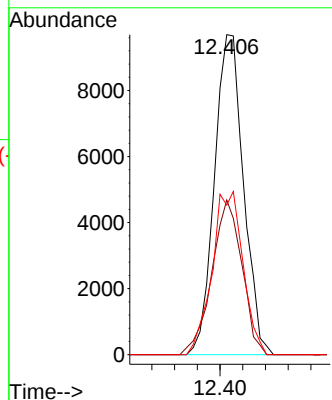
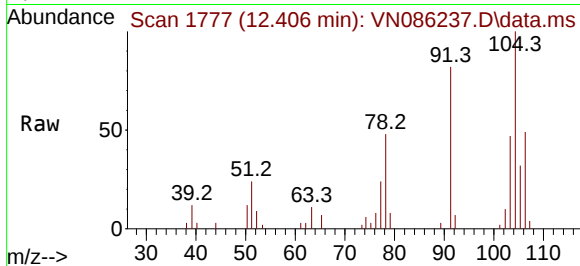




#70
Styrene
Concen: 6.978 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

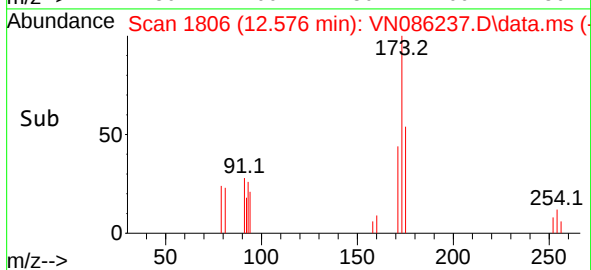
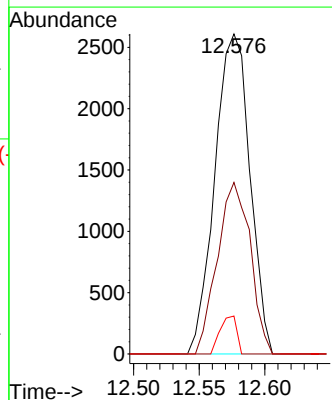
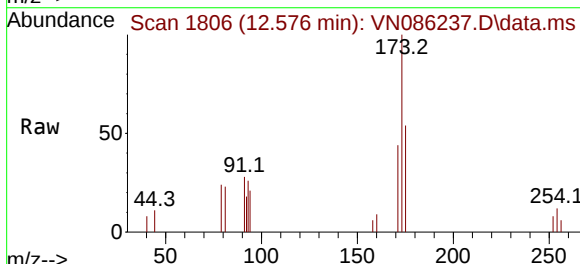
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

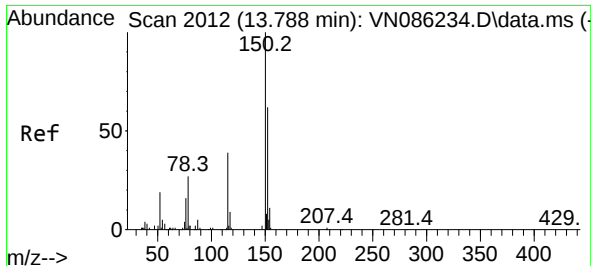
Tgt Ion:104 Resp: 17233
Ion Ratio Lower Upper
104 100
78 49.8 43.0 64.4
103 54.1 44.3 66.5



#71
Bromoform
Concen: 6.777 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:173 Resp: 4842
Ion Ratio Lower Upper
173 100
175 50.4 24.8 74.3
254 5.6 6.3 9.5#

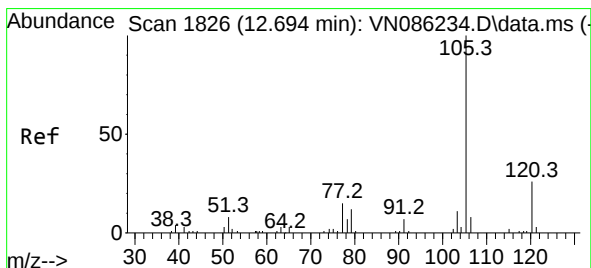
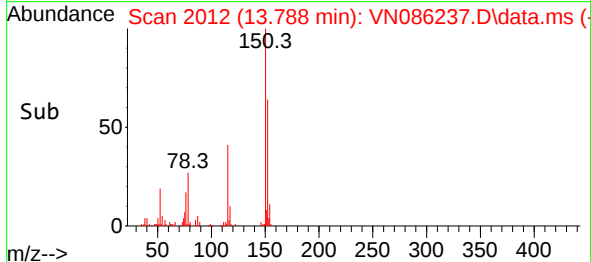
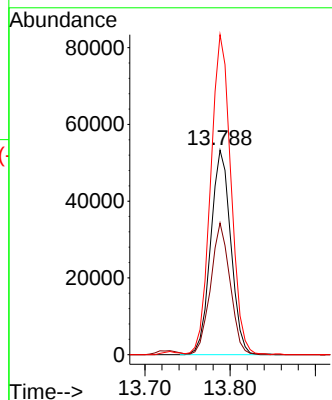
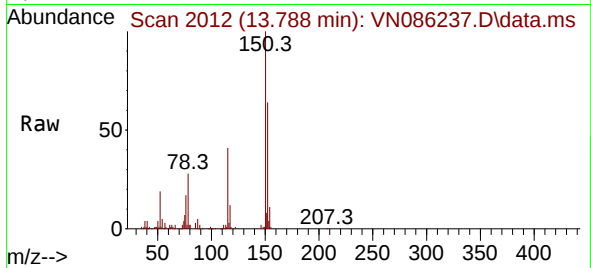




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

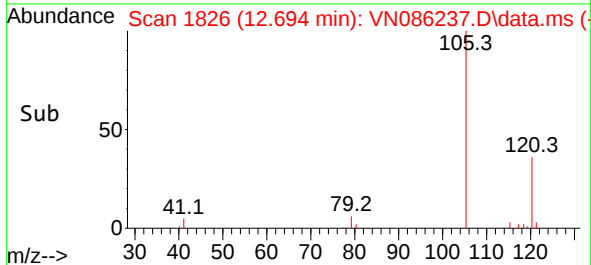
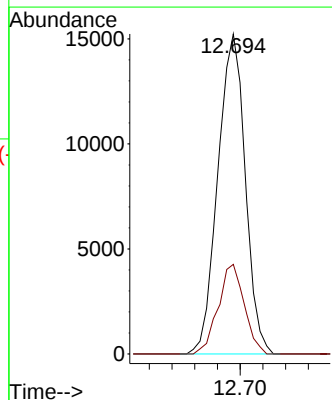
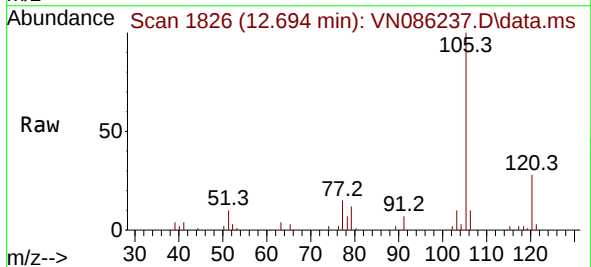
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

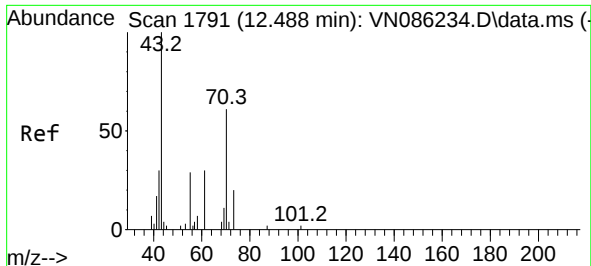
Tgt Ion:152 Resp: 87400
Ion Ratio Lower Upper
152 100
115 62.2 31.2 93.6
150 157.5 0.0 333.2



#73
Isopropylbenzene
Concen: 6.375 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:105 Resp: 25504
Ion Ratio Lower Upper
105 100
120 26.6 12.7 38.0

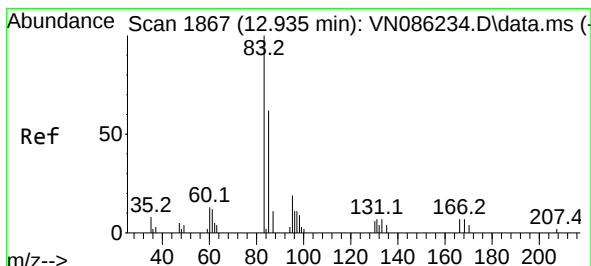
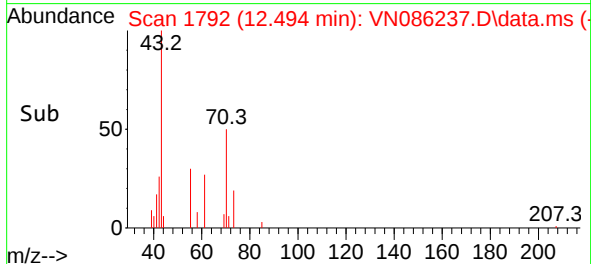
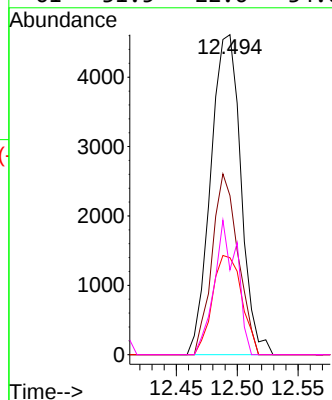
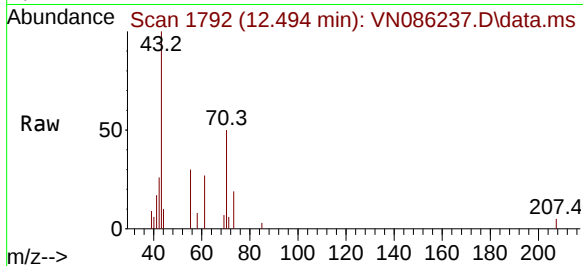




#74
N-amy1 acetate
Concen: 6.552 ug/l
RT: 12.494 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

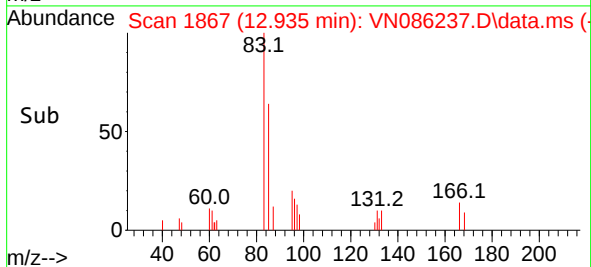
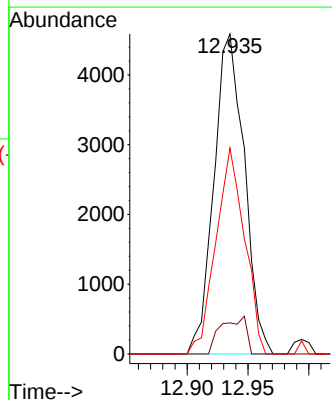
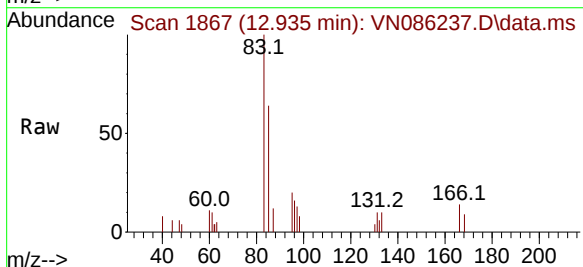
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

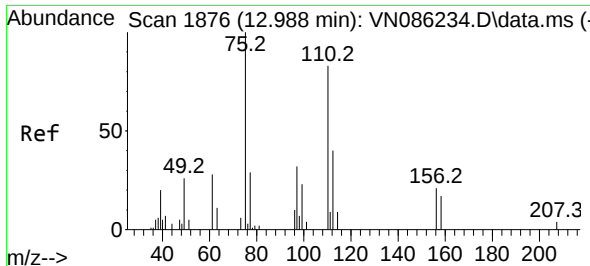
Tgt Ion: 43	Resp: 7953
Ion Ratio	Lower Upper
43 100	
70 48.9	43.5 65.3
55 30.2	24.8 37.2
61 31.5	22.6 34.0



#75
1,1,2,2-Tetrachloroethane
Concen: 6.612 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 83	Resp: 7972
Ion Ratio	Lower Upper
83 100	
131 9.6	5.3 15.8
85 60.7	29.6 88.9

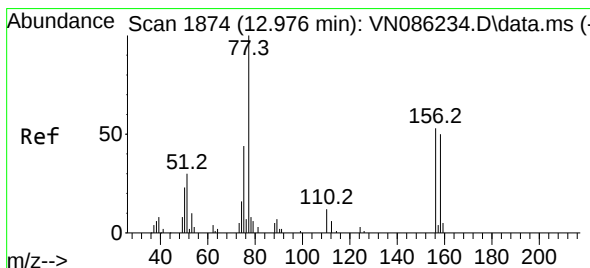
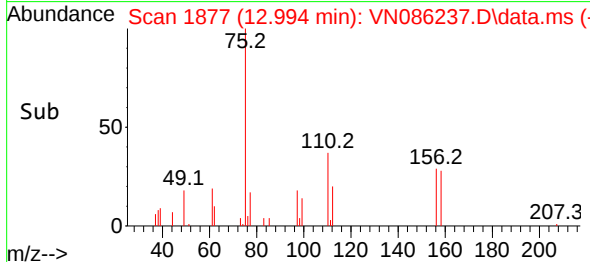
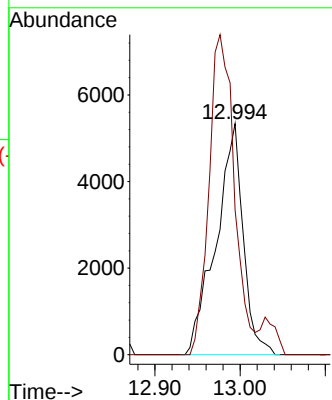
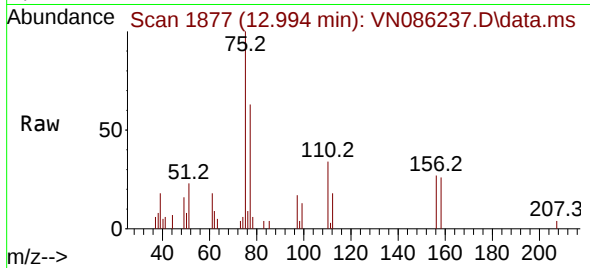




#76
1,2,3-Trichloropropane
Concen: 8.762 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

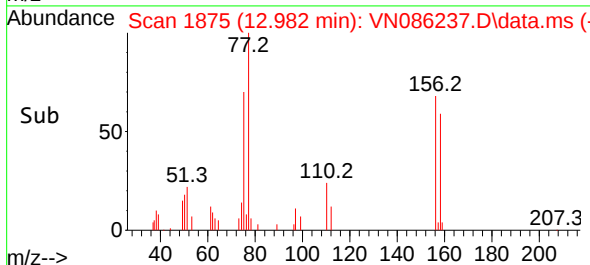
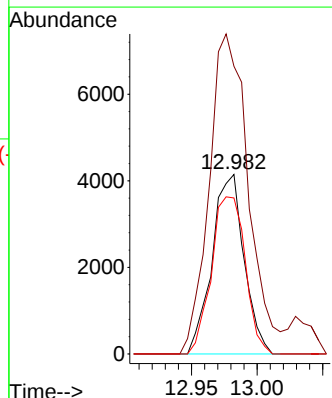
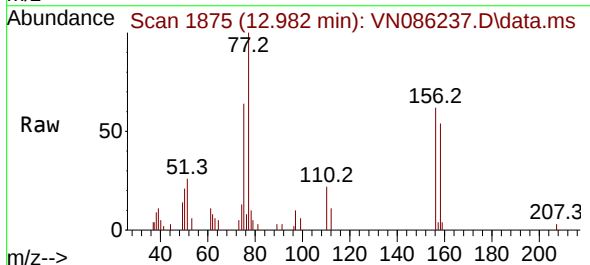
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

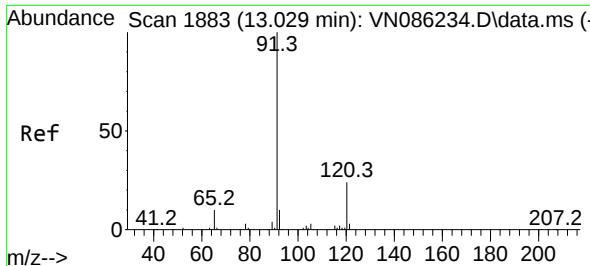
Tgt Ion: 75 Resp: 11845
Ion Ratio Lower Upper
75 100
77 129.2 85.4 256.1



#77
Bromobenzene
Concen: 6.686 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 156 Resp: 7031
Ion Ratio Lower Upper
156 100
77 217.6 108.3 325.0
158 92.4 49.1 147.4

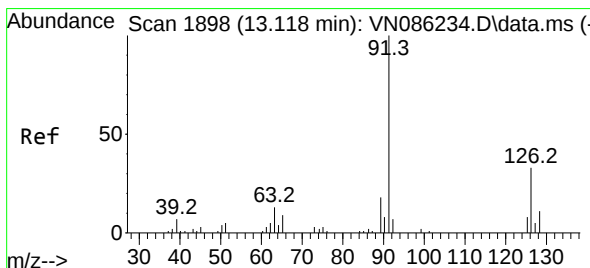
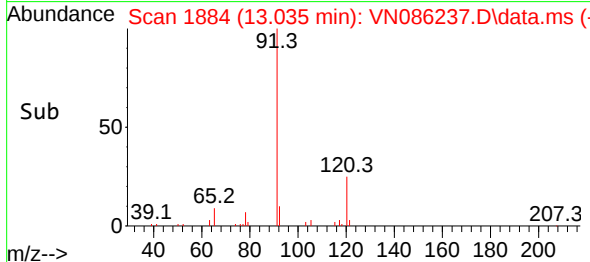
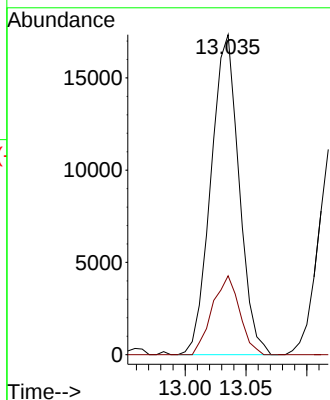
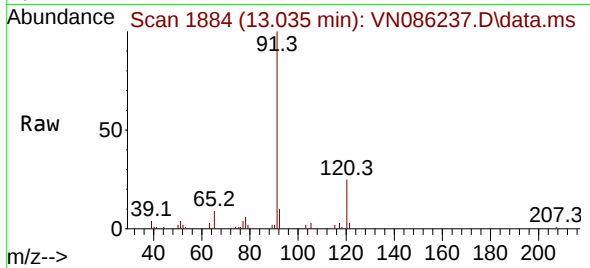




#78
n-propylbenzene
Concen: 6.226 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

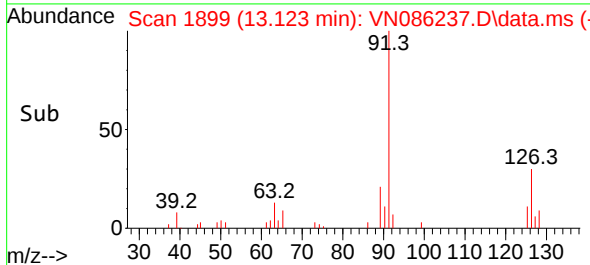
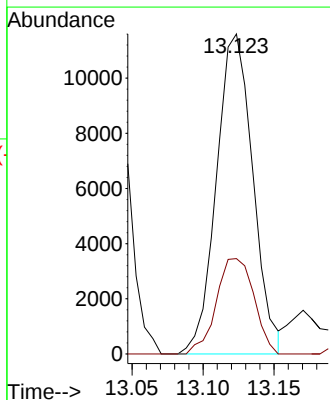
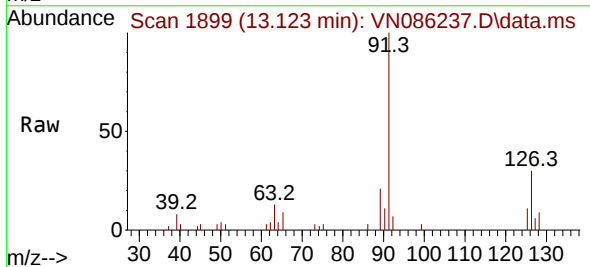
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

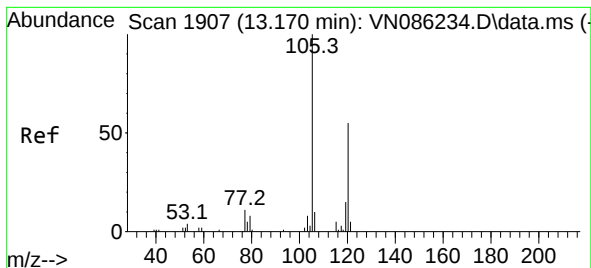
Tgt Ion: 91 Resp: 27857
Ion Ratio Lower Upper
91 100
120 23.9 11.2 33.5



#79
2-Chlorotoluene
Concen: 6.666 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion: 91 Resp: 20737
Ion Ratio Lower Upper
91 100
126 30.8 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 6.410 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

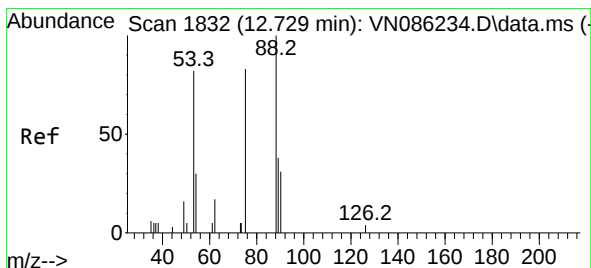
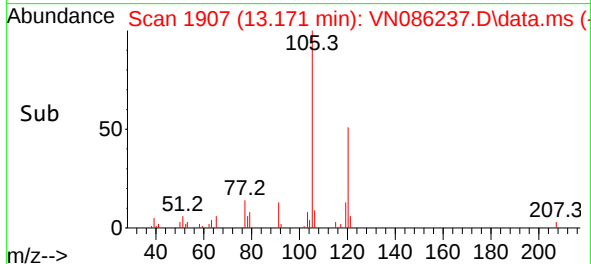
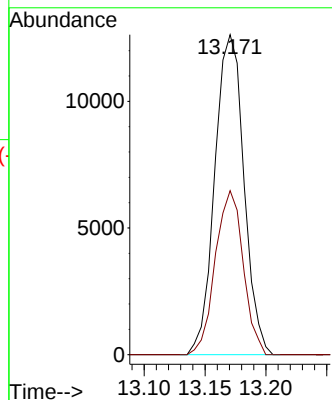
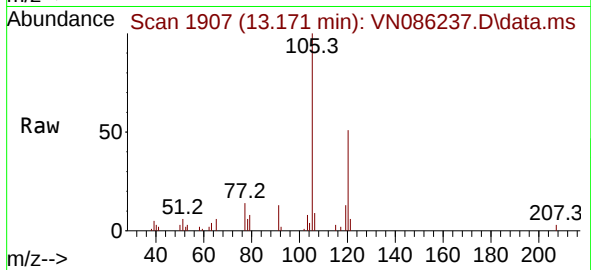
VSTDIC005

Tgt Ion:105 Resp: 20982

Ion Ratio Lower Upper

105 100

120 49.2 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 7.480 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. 0.006 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

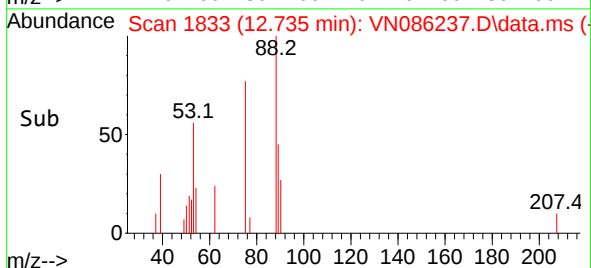
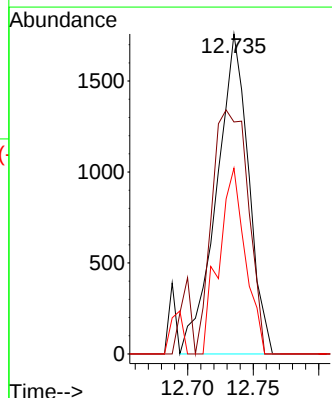
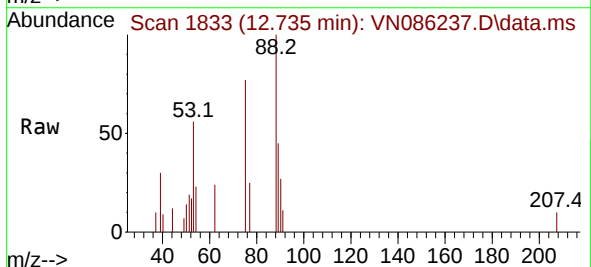
Tgt Ion: 75 Resp: 2988

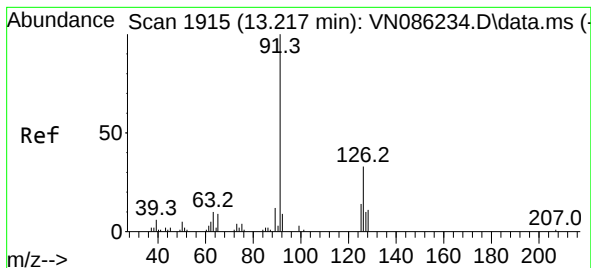
Ion Ratio Lower Upper

75 100

53 86.4 71.9 107.9

89 48.1 36.4 54.6





#82

4-Chlorotoluene

Concen: 6.566 ug/l

RT: 13.218 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

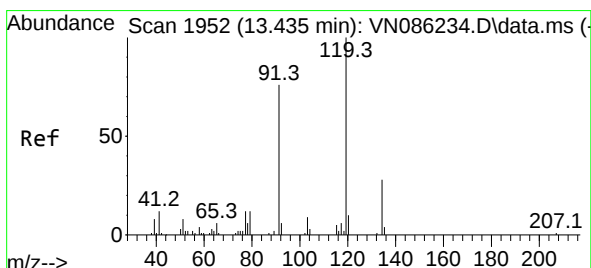
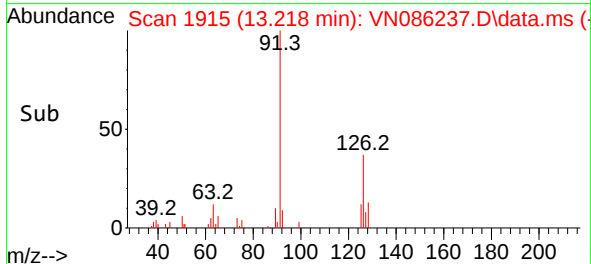
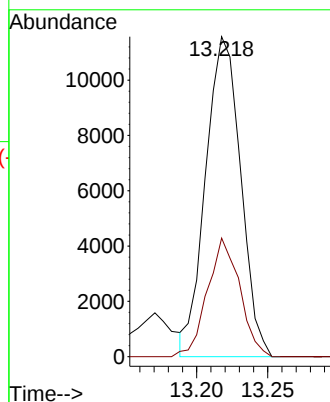
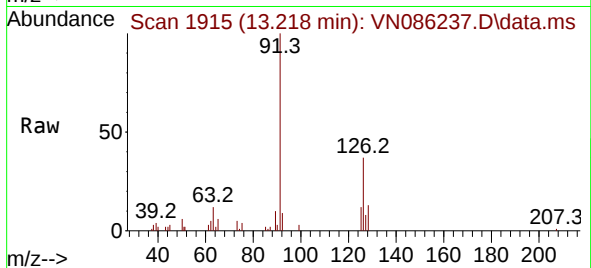
VSTDICC005

Tgt Ion: 91 Resp: 19837

Ion Ratio Lower Upper

91 100

126 34.2 15.8 47.4



#83

tert-Butylbenzene

Concen: 6.152 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

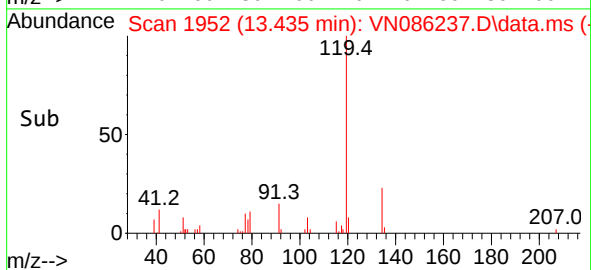
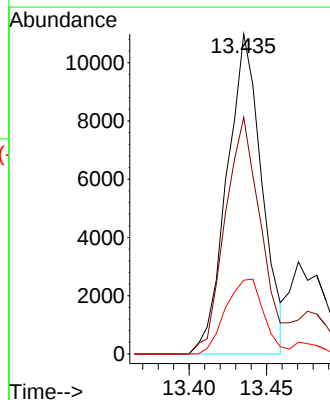
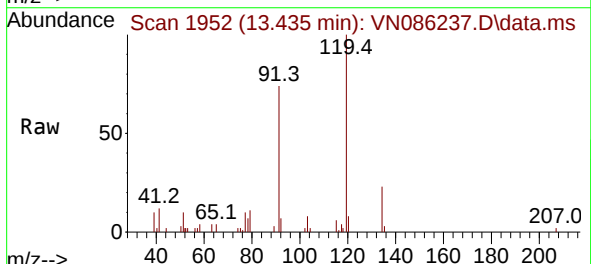
Tgt Ion: 119 Resp: 17214

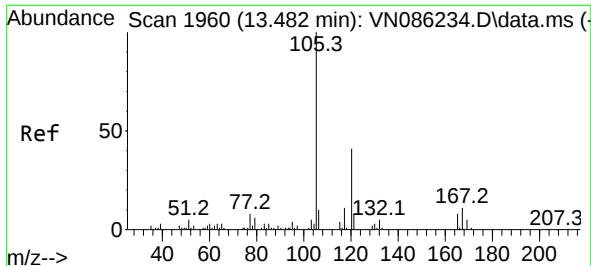
Ion Ratio Lower Upper

119 100

91 77.1 35.9 107.5

134 25.5 13.3 39.9

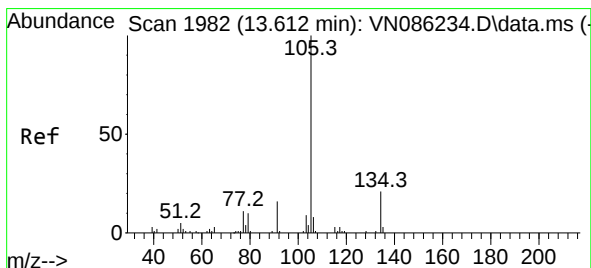
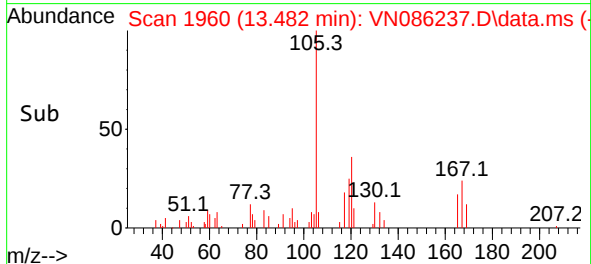
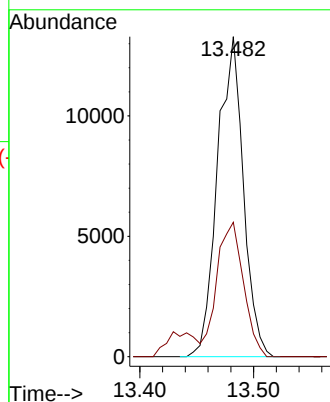
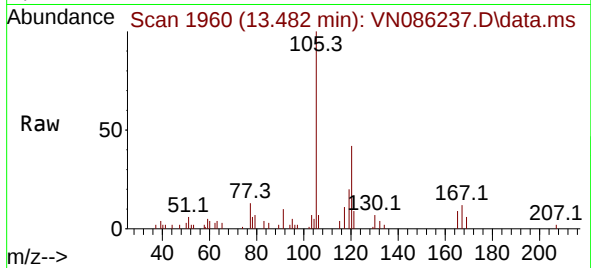




#84
1,2,4-Trimethylbenzene
Concen: 6.479 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

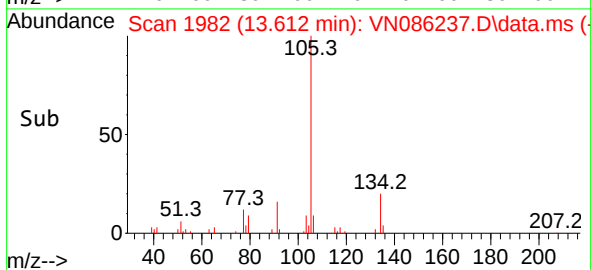
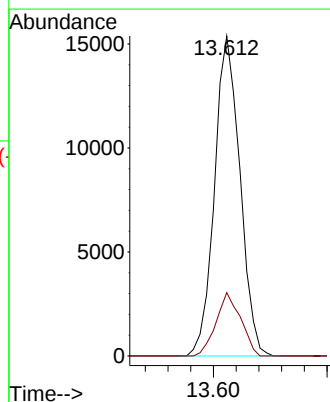
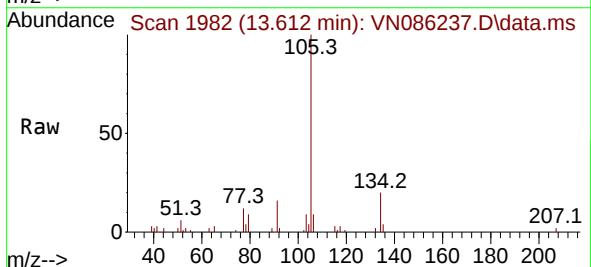
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

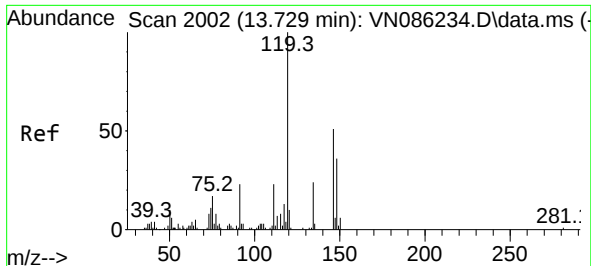
Tgt Ion:105 Resp: 20990
Ion Ratio Lower Upper
105 100
120 43.3 22.7 68.1



#85
sec-Butylbenzene
Concen: 6.473 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:105 Resp: 23902
Ion Ratio Lower Upper
105 100
134 19.2 9.9 29.7

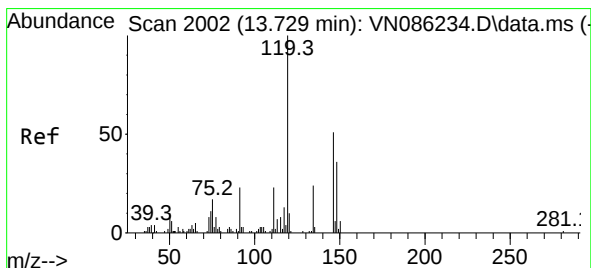
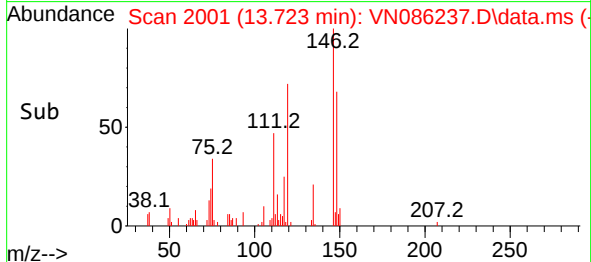
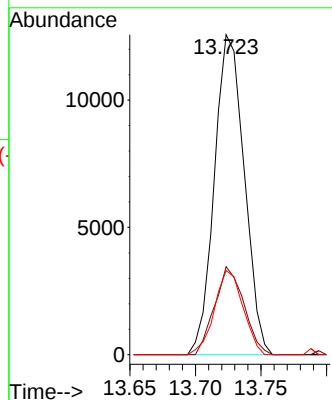
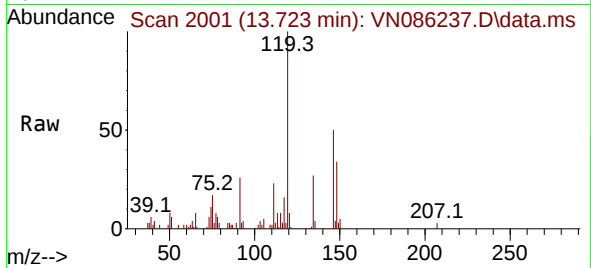




#86
p-Isopropyltoluene
Concen: 6.496 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

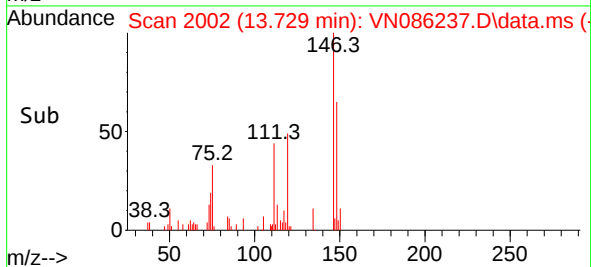
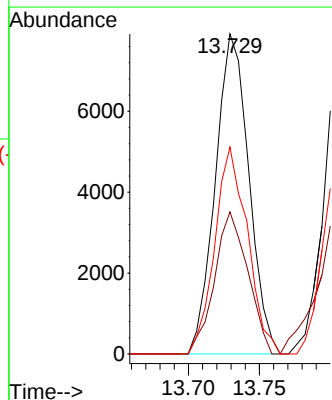
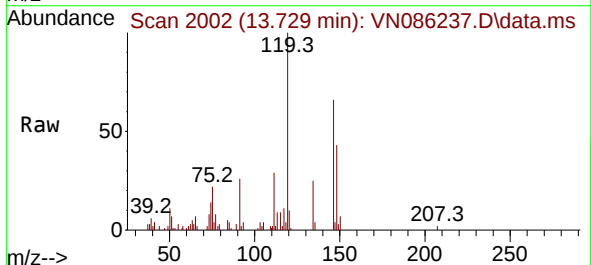
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

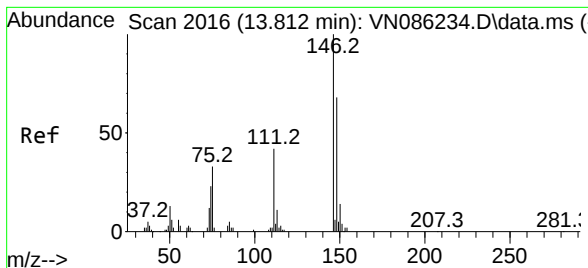
Tgt Ion:119 Resp: 19900
Ion Ratio Lower Upper
119 100
134 26.9 12.9 38.6
91 25.2 12.8 38.4



#87
1,3-Dichlorobenzene
Concen: 6.380 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:146 Resp: 12984
Ion Ratio Lower Upper
146 100
111 44.0 21.3 64.0
148 63.1 31.4 94.0





#88

1,4-Dichlorobenzene

Concen: 6.712 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

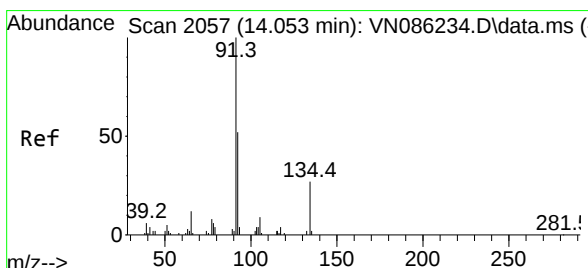
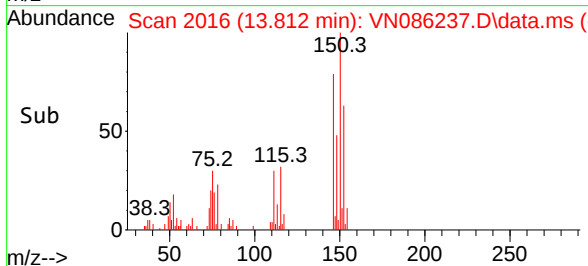
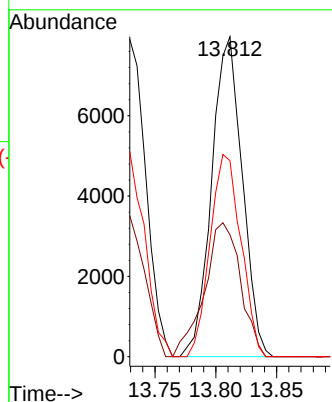
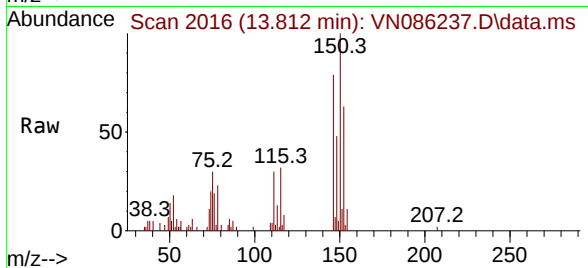
Tgt Ion:146 Resp: 13972

Ion Ratio Lower Upper

146 100

111 49.3 22.3 66.8

148 63.6 33.4 100.2



#89

n-Butylbenzene

Concen: 6.622 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

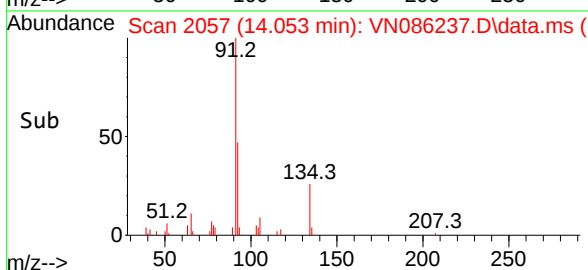
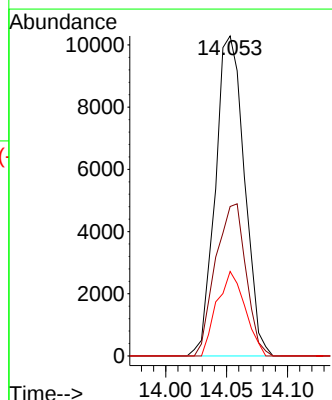
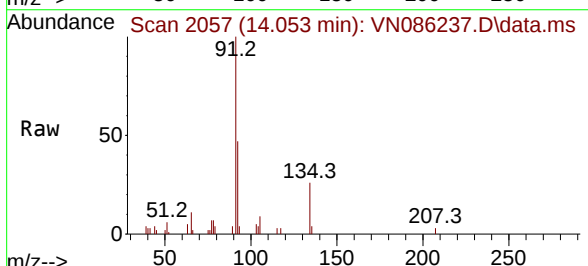
Tgt Ion: 91 Resp: 17047

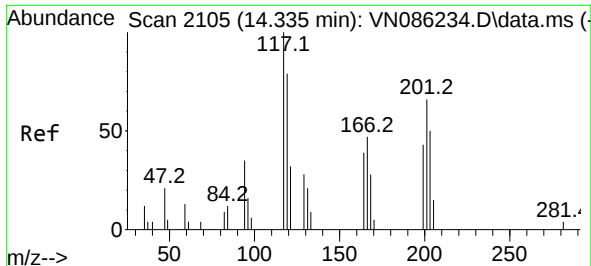
Ion Ratio Lower Upper

91 100

92 50.0 25.1 75.4

134 25.7 13.4 40.1

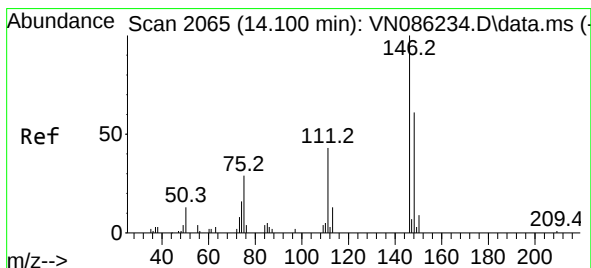
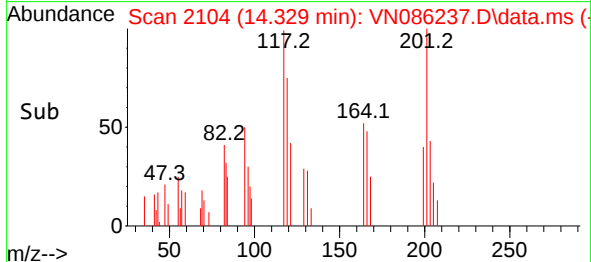
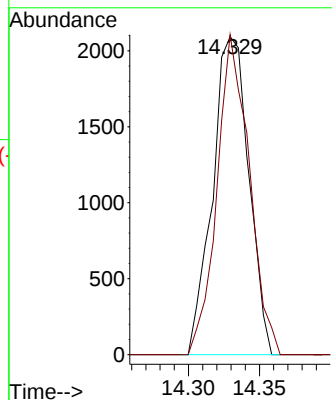
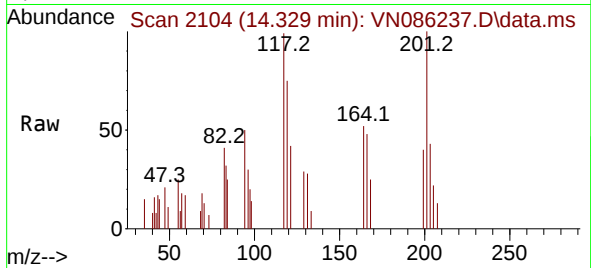




#90
Hexachloroethane
Concen: 6.241 ug/l
RT: 14.329 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

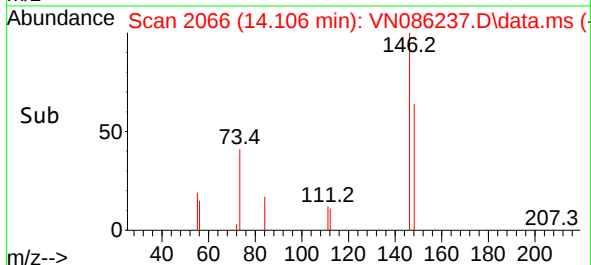
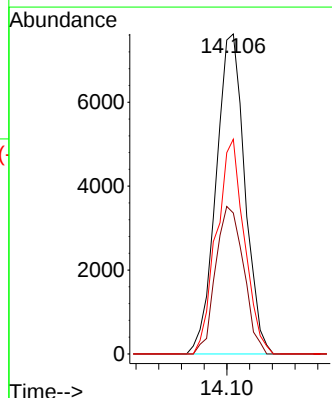
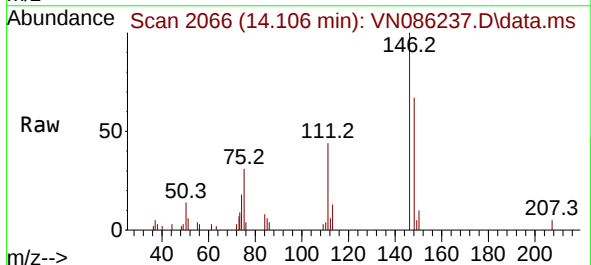
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

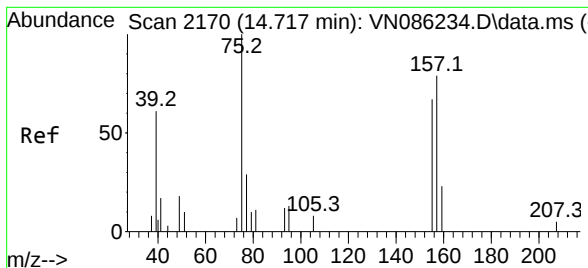
Tgt Ion:117 Resp: 3707
Ion Ratio Lower Upper
117 100
201 89.9 37.9 113.6



#91
1,2-Dichlorobenzene
Concen: 6.550 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086237.D
Acq: 07 Apr 2025 15:09

Tgt Ion:146 Resp: 13381
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.1
148 65.1 31.3 93.9

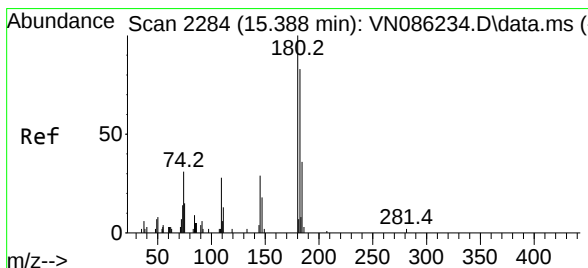
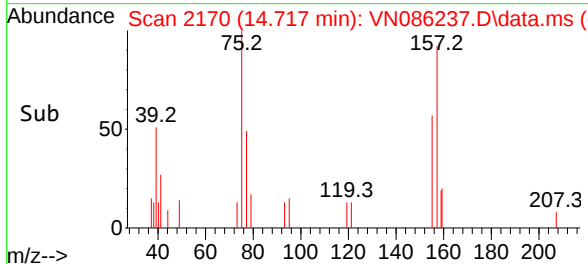
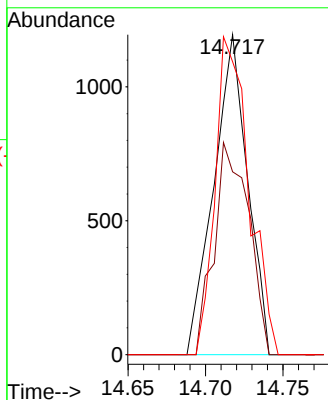
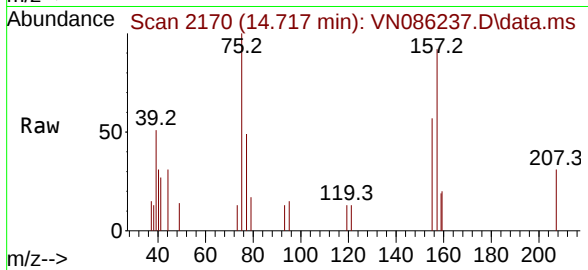




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.716 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN086237.D
 Acq: 07 Apr 2025 15:09

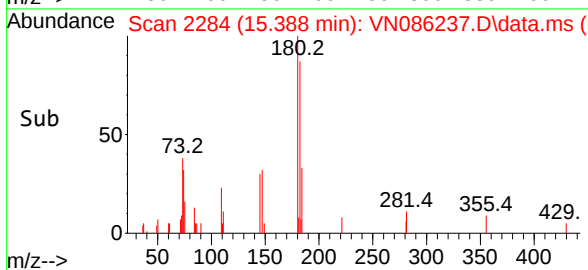
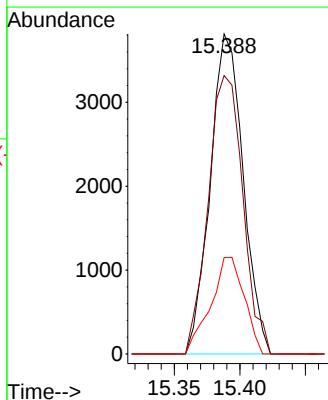
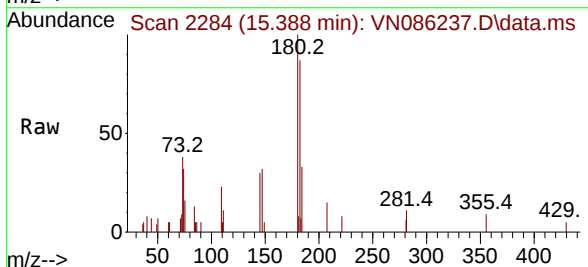
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

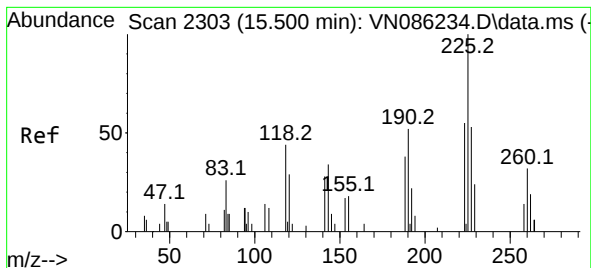
Tgt Ion: 75 Resp: 1810
 Ion Ratio Lower Upper
 75 100
 155 68.0 39.0 117.0
 157 99.3 44.1 132.4



#93
 1,2,4-Trichlorobenzene
 Concen: 6.403 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN086237.D
 Acq: 07 Apr 2025 15:09

Tgt Ion: 180 Resp: 6651
 Ion Ratio Lower Upper
 180 100
 182 91.8 43.7 131.1
 145 30.7 15.3 45.8





#94

Hexachlorobutadiene

Concen: 6.711 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

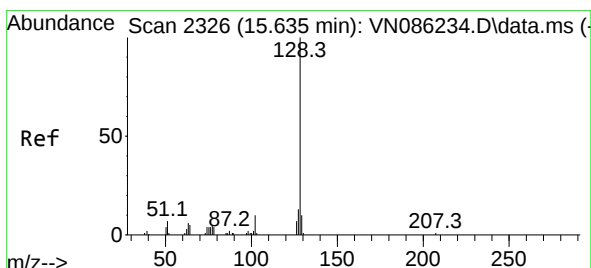
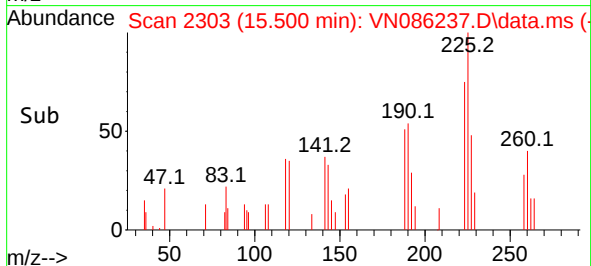
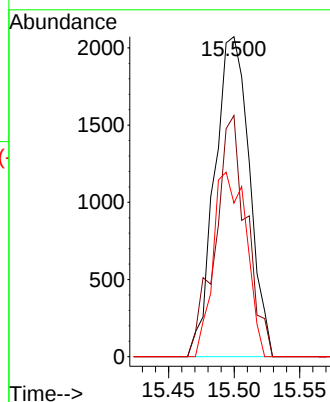
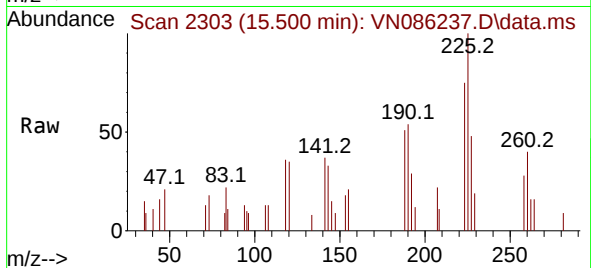
Tgt Ion:225 Resp: 3818

Ion Ratio Lower Upper

225 100

223 67.8 29.8 89.5

227 54.9 30.3 91.0



#95

Naphthalene

Concen: 6.153 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN086237.D

Acq: 07 Apr 2025 15:09

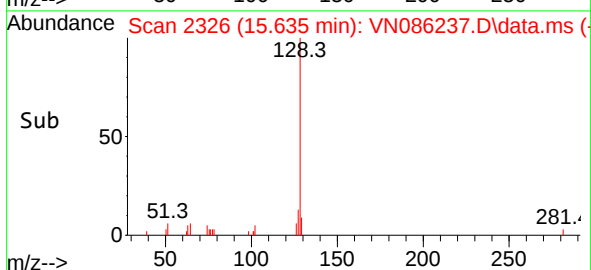
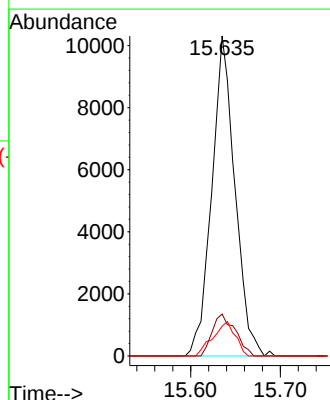
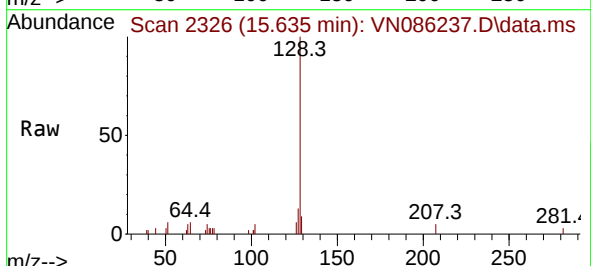
Tgt Ion:128 Resp: 18492

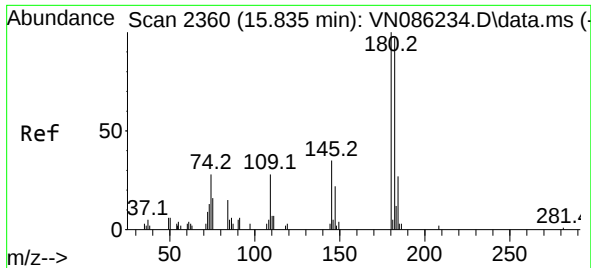
Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.4 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 6.013 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086237.D
 Acq: 07 Apr 2025 15:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:	180	Resp:	6008
Ion	Ratio	Lower	Upper
180	100		
182	104.6	45.9	137.7
145	34.0	16.4	49.1

