

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086233.D
 Acq On : 07 Apr 2025 13:33
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 08 03:52:30 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	84987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	132456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	117626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	57145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	69556	64.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.400%#	
35) Dibromofluoromethane	8.165	113	45480	67.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 135.860%#	
50) Toluene-d8	10.565	98	201317	72.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 145.300%#	
62) 4-Bromofluorobenzene	12.847	95	73503	75.052	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 150.100%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	24978	33.855	ug/l	97
3) Chloromethane	2.359	50	24919	29.922	ug/l	98
4) Vinyl Chloride	2.518	62	23509	31.550	ug/l	97
5) Bromomethane	2.965	94	11977	32.371	ug/l	86
6) Chloroethane	3.124	64	12923	29.321	ug/l	# 74
7) Trichlorofluoromethane	3.500	101	30832	28.373	ug/l	100
8) Diethyl Ether	3.959	74	10141	30.332	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	18334	32.270	ug/l	98
10) Methyl Iodide	4.589	142	22258	33.232	ug/l	97
11) Tert butyl alcohol	5.506	59	15706	161.378	ug/l	# 84
12) 1,1-Dichloroethene	4.336	96	16521	28.761	ug/l	99
13) Acrolein	4.171	56	117060	777.216	ug/l	99
14) Allyl chloride	5.030	41	22076m	27.777	ug/l	
15) Acrylonitrile	5.712	53	42303	143.911	ug/l	99
16) Acetone	4.424	43	25590	103.893	ug/l	89
17) Carbon Disulfide	4.712	76	52313	28.460	ug/l	99
18) Methyl Acetate	5.024	43	18715	24.724	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	57331	29.801	ug/l	92
20) Methylene Chloride	5.277	84	20171	30.957	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	19066	30.080	ug/l	94
22) Diisopropyl ether	6.665	45	48608	30.654	ug/l	96
23) Vinyl Acetate	6.594	43	178216	156.269	ug/l	98
24) 1,1-Dichloroethane	6.559	63	31192	28.138	ug/l	98
25) 2-Butanone	7.477	43	43692	123.600	ug/l	93
26) 2,2-Dichloropropane	7.488	77	30790	27.649	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	21383	27.965	ug/l	97
28) Bromochloromethane	7.812	49	18474	35.676	ug/l	95
29) Tetrahydrofuran	7.835	42	32663	144.467	ug/l	96
30) Chloroform	7.959	83	35818	28.341	ug/l	91
31) Cyclohexane	8.253	56	36671	36.446	ug/l	# 93
32) 1,1,1-Trichloroethane	8.165	97	33352	28.902	ug/l	93
36) 1,1-Dichloropropene	8.371	75	24177	33.139	ug/l	96
37) Ethyl Acetate	7.553	43	20109	30.537	ug/l	96
38) Carbon Tetrachloride	8.359	117	28899	30.652	ug/l	96
39) Methylcyclohexane	9.600	83	31991	36.639	ug/l	93
40) Benzene	8.600	78	77686	30.753	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	11427	31.327	ug/l	98
42) 1,2-Dichloroethane	8.665	62	26894	32.096	ug/l	100
43) Isopropyl Acetate	8.682	43	36925	24.169	ug/l	95
44) Trichloroethene	9.347	130	20471	31.582	ug/l	95
45) 1,2-Dichloropropane	9.618	63	18149	32.069	ug/l #	85
46) Dibromomethane	9.706	93	13374	31.881	ug/l	97
47) Bromodichloromethane	9.882	83	28197	31.889	ug/l	96
48) Methyl methacrylate	9.676	41	15199	31.626	ug/l	98
49) 1,4-Dioxane	9.688	88	7878	695.524	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	99899	157.410	ug/l	99
52) Toluene	10.629	92	49513	32.760	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	29045	31.734	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	30460	30.870	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	17661	29.917	ug/l	87
56) Ethyl methacrylate	10.871	69	25265	34.000	ug/l	97
57) 1,3-Dichloropropane	11.159	76	30783	31.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	33328	84.015	ug/l	99
59) 2-Hexanone	11.194	43	73550	165.074	ug/l	95
60) Dibromochloromethane	11.359	129	21235	30.656	ug/l	98
61) 1,2-Dibromoethane	11.465	107	18211	33.187	ug/l	99
64) Tetrachloroethene	11.100	164	25323	36.515	ug/l	95
65) Chlorobenzene	11.888	112	54622	31.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	18824	30.766	ug/l	98
67) Ethyl Benzene	11.959	91	96997	35.603	ug/l	100
68) m/p-Xylenes	12.070	106	79165	76.007	ug/l	98
69) o-Xylene	12.394	106	36240	35.199	ug/l	100
70) Styrene	12.412	104	56411	36.077	ug/l	100
71) Bromoform	12.576	173	14100	31.168	ug/l #	99
73) Isopropylbenzene	12.694	105	103660	39.630	ug/l	98
74) N-amyl acetate	12.488	43	26647	33.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	22152	28.101	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	20976m	23.731	ug/l	
77) Bromobenzene	12.976	156	23036	33.504	ug/l	95
78) n-propylbenzene	13.029	91	119511	40.851	ug/l	99
79) 2-Chlorotoluene	13.123	91	76200	37.464	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	89151	41.657	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	9353	35.808	ug/l	96
82) 4-Chlorotoluene	13.217	91	75700	38.324	ug/l	97
83) tert-Butylbenzene	13.435	119	75022	41.010	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	91738	43.306	ug/l	98
85) sec-Butylbenzene	13.611	105	101016	41.838	ug/l	99
86) p-Isopropyltoluene	13.723	119	85145	42.511	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	49006	36.831	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	48438	35.590	ug/l	97
89) n-Butylbenzene	14.053	91	70181	41.698	ug/l	95
90) Hexachloroethane	14.329	117	14284	36.780	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	46333	34.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5168	29.329	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	27103	39.907	ug/l	95
94) Hexachlorobutadiene	15.500	225	13335	35.848	ug/l	97
95) Naphthalene	15.635	128	78510	39.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	26246	40.173	ug/l	99

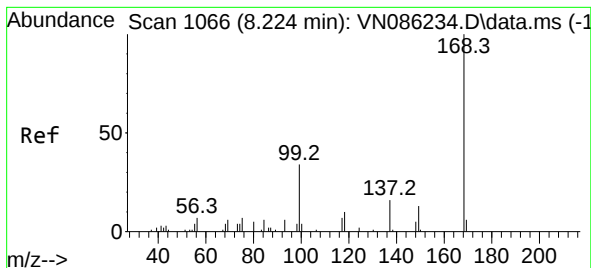
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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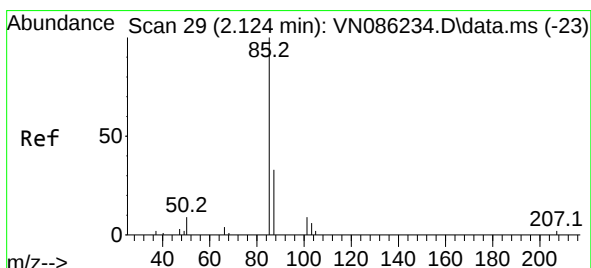
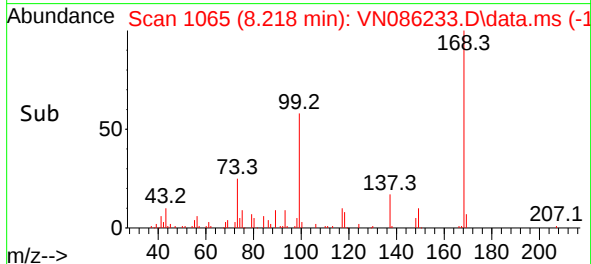
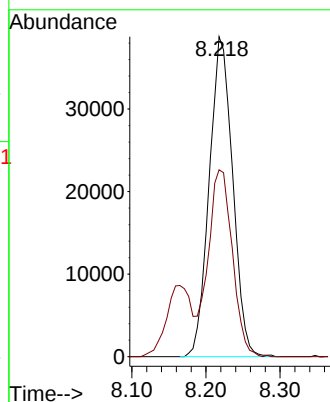
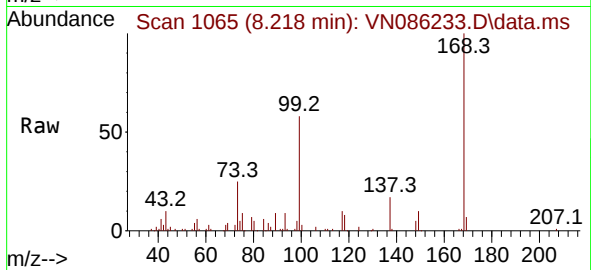
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

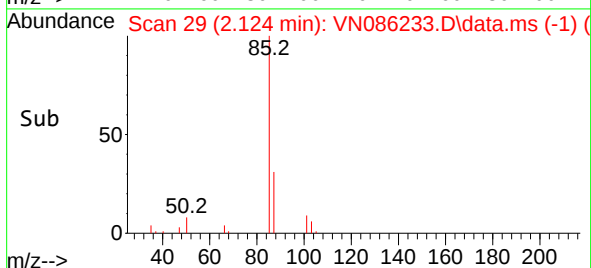
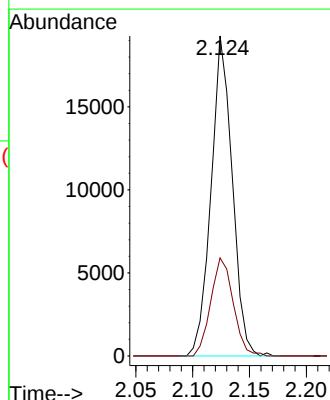
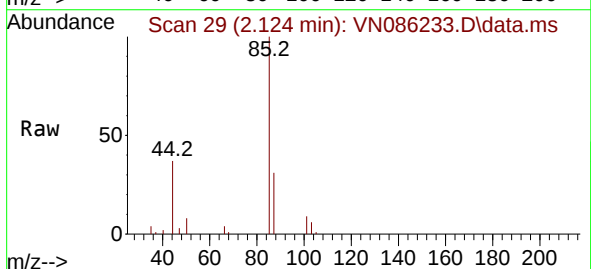
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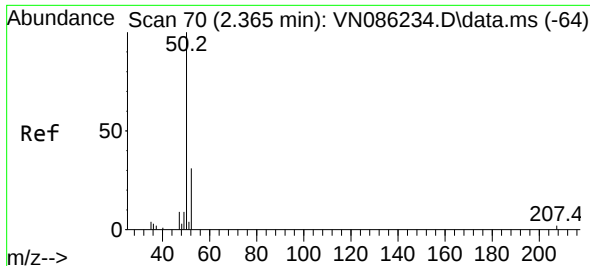
Tgt Ion:168 Resp: 84987
Ion Ratio Lower Upper
168 100
99 58.4 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 33.855 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 85 Resp: 24978
Ion Ratio Lower Upper
85 100
87 30.6 16.3 48.8

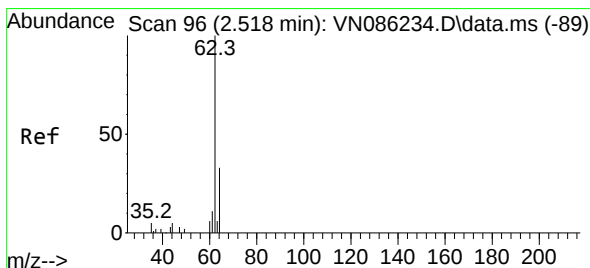
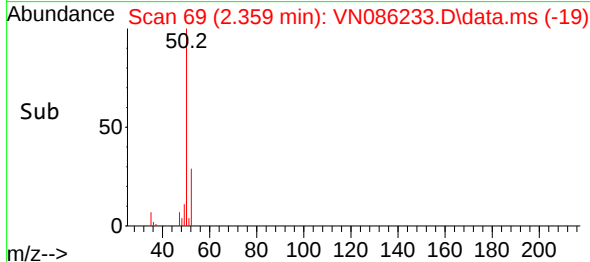
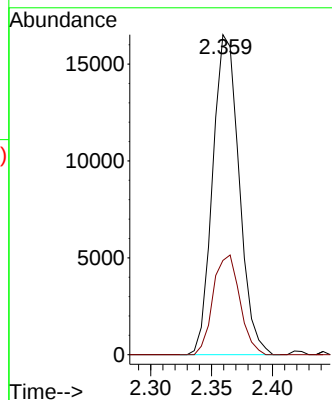
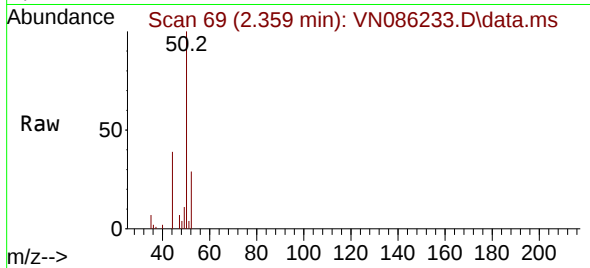




#3
Chloromethane
Concen: 29.922 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

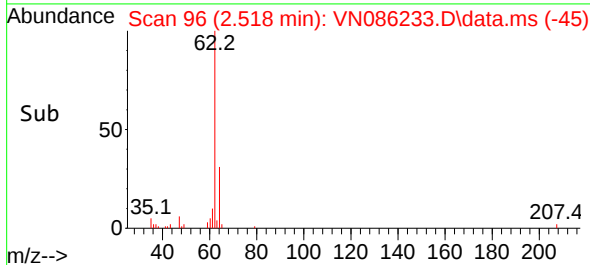
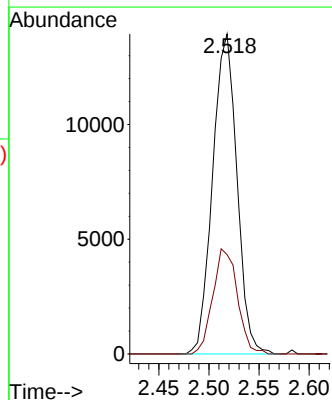
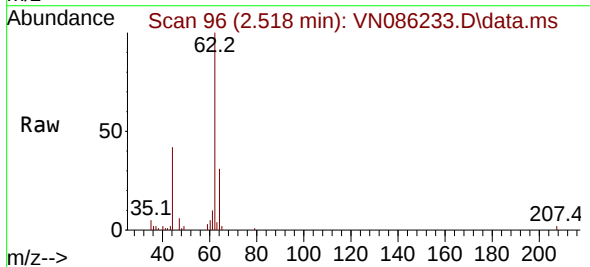
Instrument :
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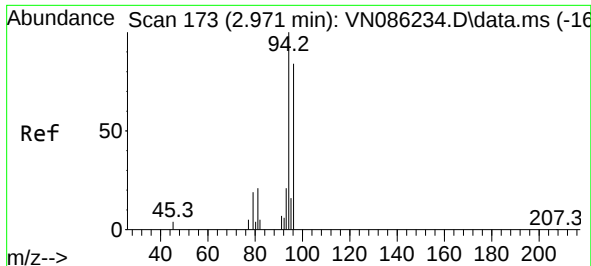
Tgt Ion: 50 Resp: 24919
Ion Ratio Lower Upper
50 100
52 29.4 24.5 36.7



#4
Vinyl Chloride
Concen: 31.550 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 62 Resp: 23509
Ion Ratio Lower Upper
62 100
64 31.1 26.4 39.6

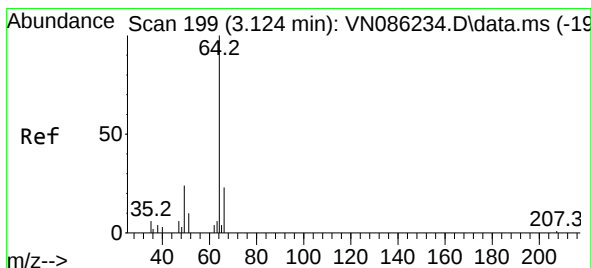
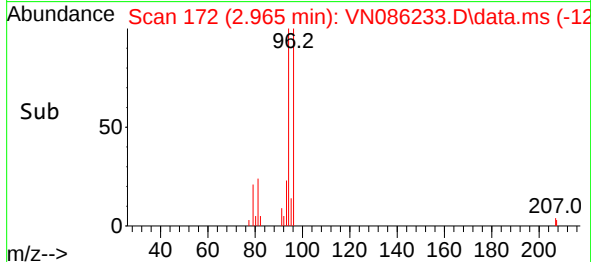
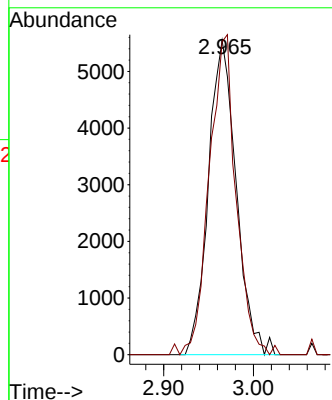
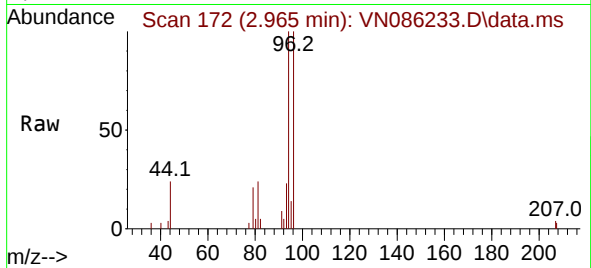




#5
Bromomethane
Concen: 32.371 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

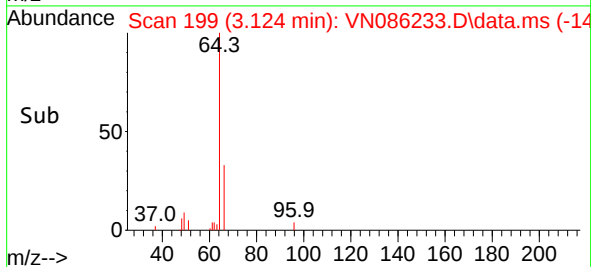
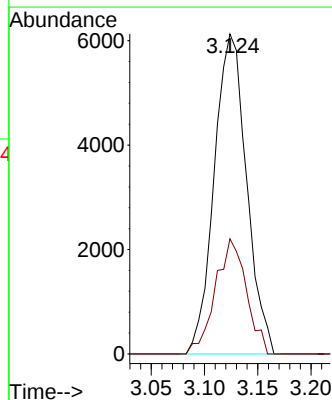
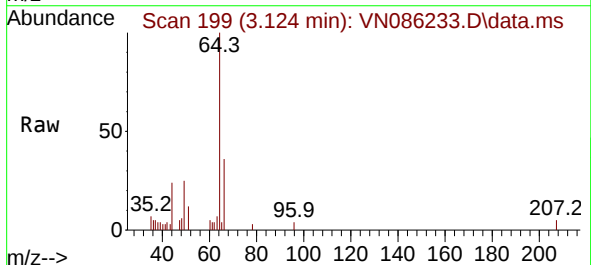
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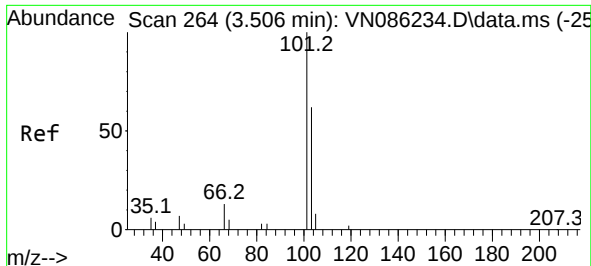
Tgt Ion: 94 Resp: 11977
Ion Ratio Lower Upper
94 100
96 99.6 69.6 104.4



#6
Chloroethane
Concen: 29.321 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 64 Resp: 12923
Ion Ratio Lower Upper
64 100
66 36.0 18.7 28.1#

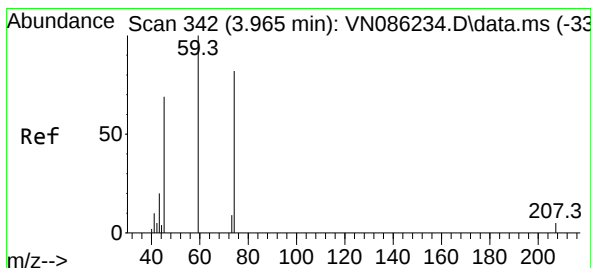
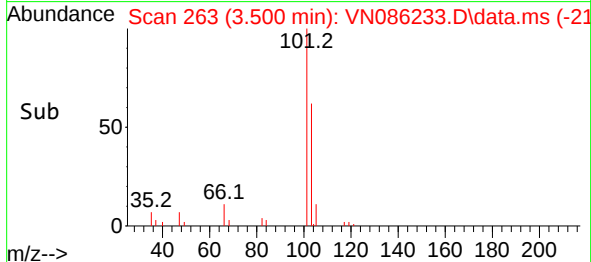
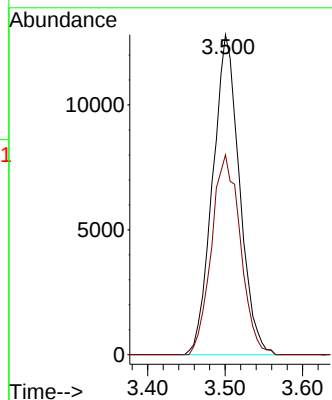
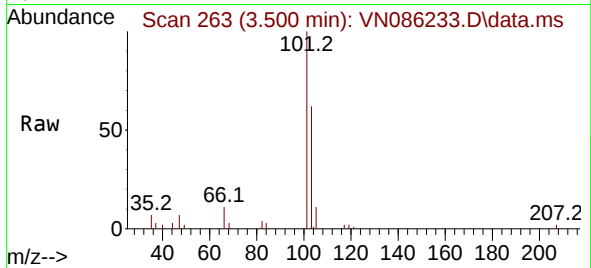




#7
 Trichlorofluoromethane
 Concen: 28.373 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. -0.006 min
 Lab File: VN086233.D
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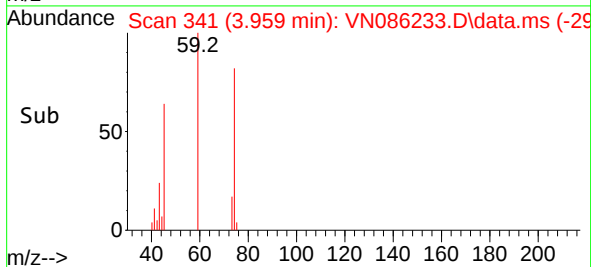
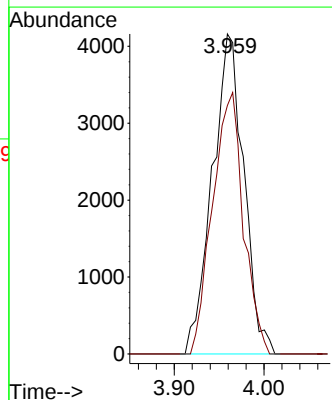
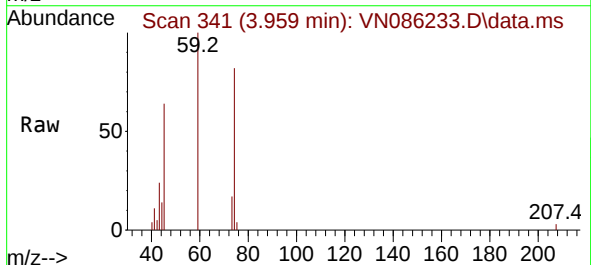
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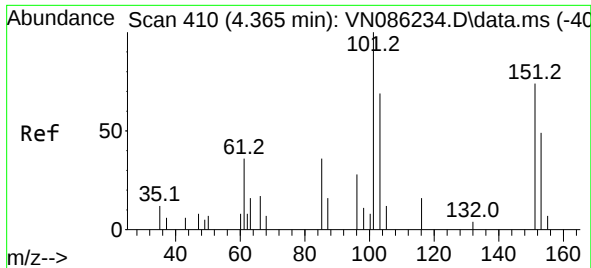
Tgt Ion:101 Resp: 30832
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.0 75.0



#8
 Diethyl Ether
 Concen: 30.332 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN086233.D
 Acq: 07 Apr 2025 13:33

Tgt Ion: 74 Resp: 10141
 Ion Ratio Lower Upper
 74 100
 45 79.9 38.6 116.0

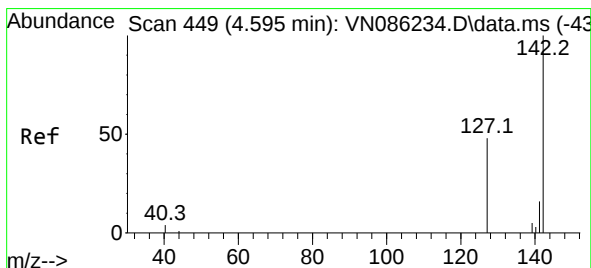
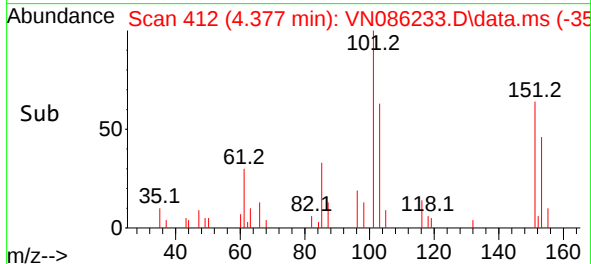
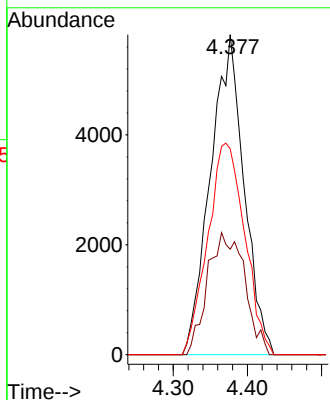
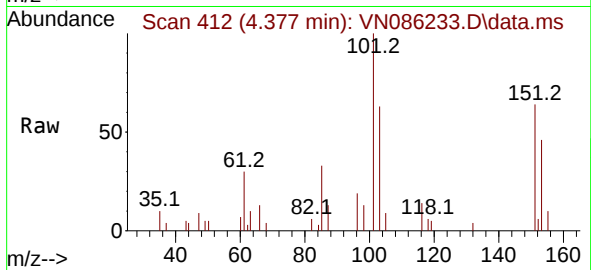




#9
1,1,2-Trichlorotrifluoroethane
Concen: 32.270 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN086233.D
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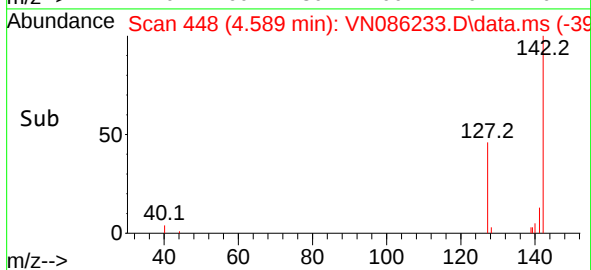
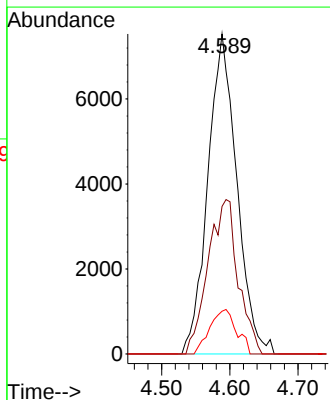
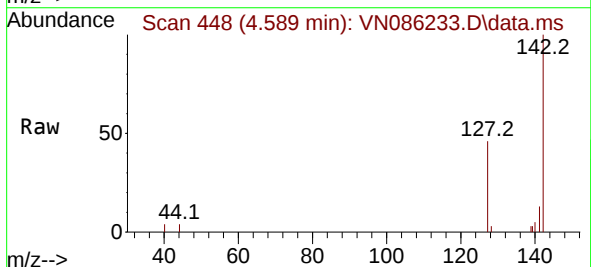
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

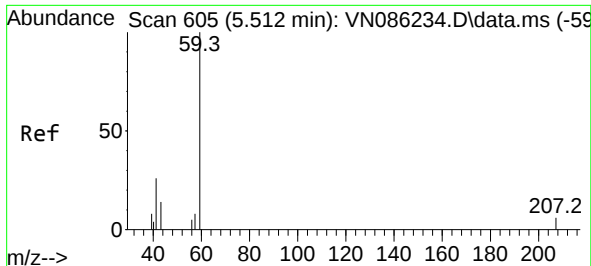
Tgt Ion:101 Resp: 18334
Ion Ratio Lower Upper
101 100
85 42.0 34.6 52.0
151 72.8 59.9 89.9



#10
Methyl Iodide
Concen: 33.232 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion:142 Resp: 22258
Ion Ratio Lower Upper
142 100
127 46.1 38.3 57.5
141 13.3 12.6 19.0

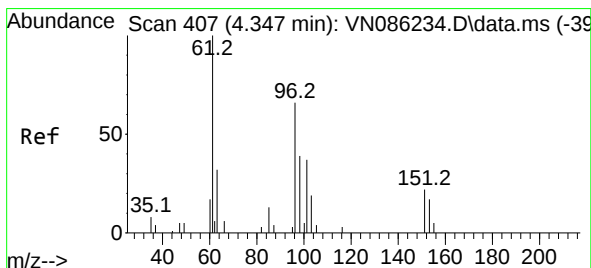
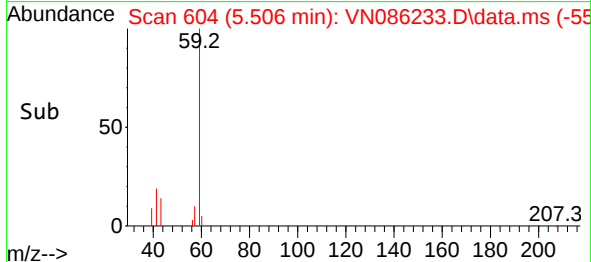
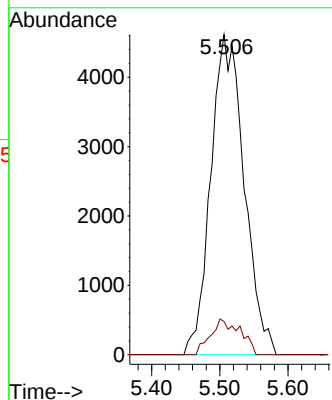
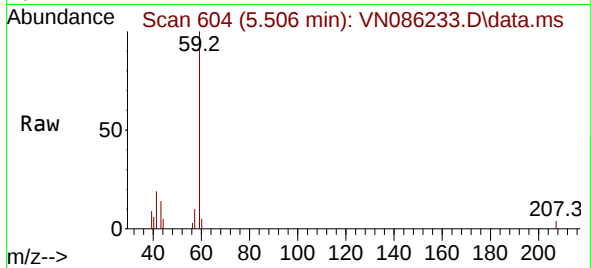




#11
Tert butyl alcohol
Concen: 161.378 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

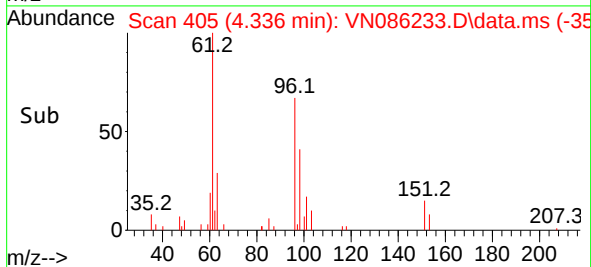
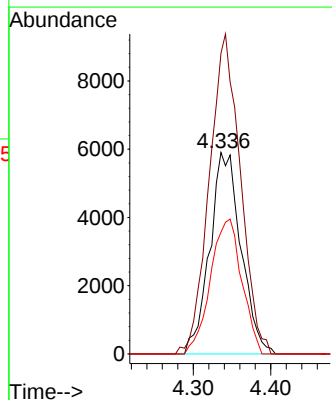
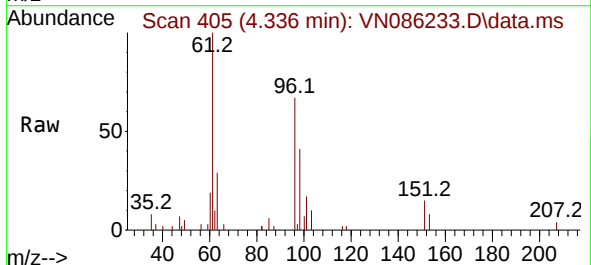
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

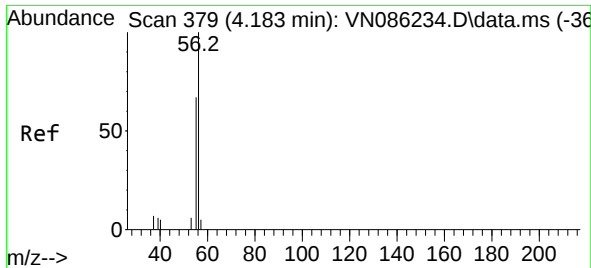
Tgt Ion: 59 Resp: 15706
Ion Ratio Lower Upper
59 100
57 9.9 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 28.761 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 96 Resp: 16521
Ion Ratio Lower Upper
96 100
61 149.3 120.3 180.5
98 60.5 46.6 70.0





#13

Acrolein

Concen: 777.216 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

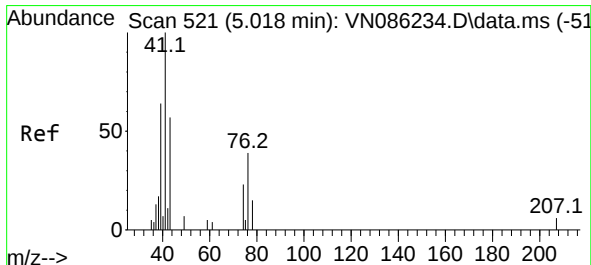
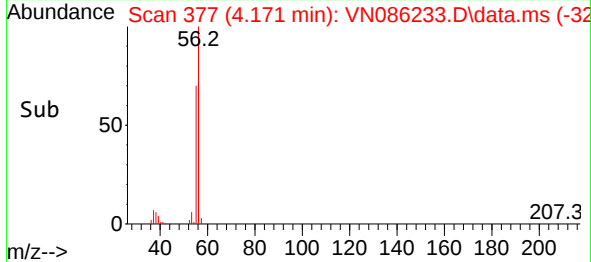
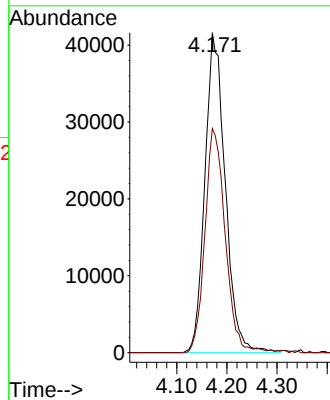
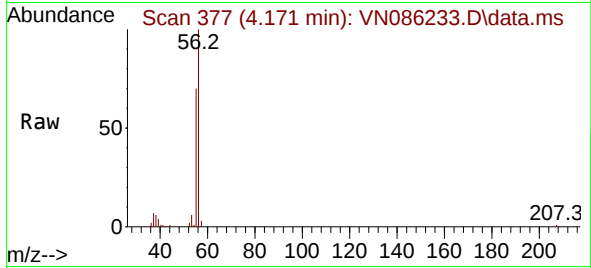
VSTDICC100

Tgt Ion: 56 Resp: 117060

Ion Ratio Lower Upper

56 100

55 69.2 54.6 82.0



#14

Allyl chloride

Concen: 27.777 ug/l m

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

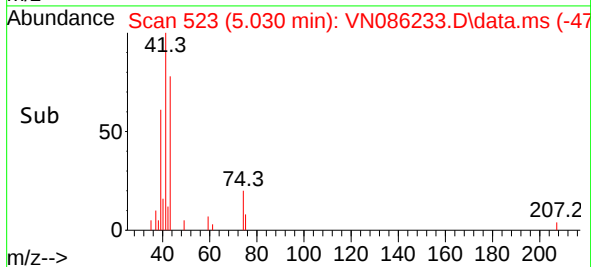
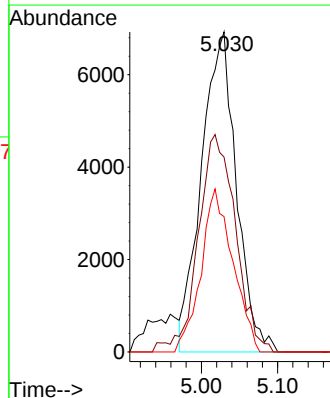
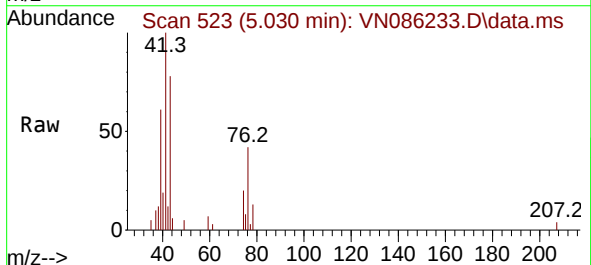
Tgt Ion: 41 Resp: 22076

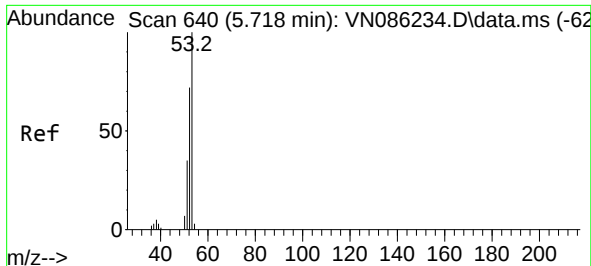
Ion Ratio Lower Upper

41 100

39 72.3 58.7 88.1

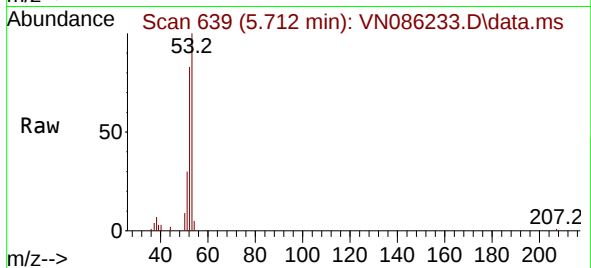
76 46.5 40.2 60.4



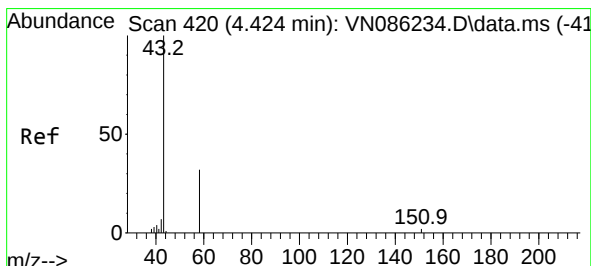
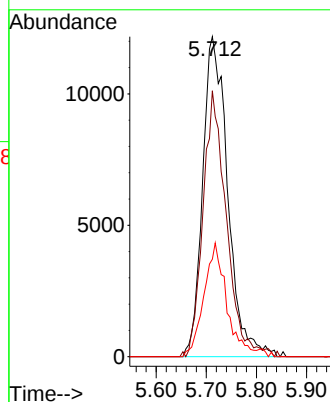
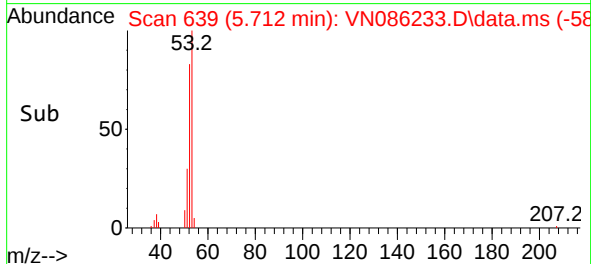


#15
Acrylonitrile
Concen: 143.911 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

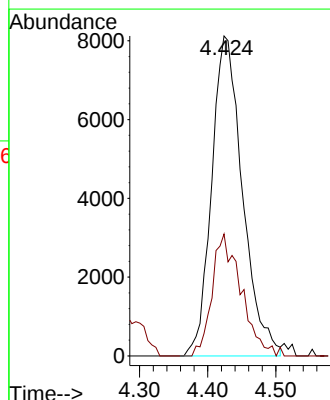
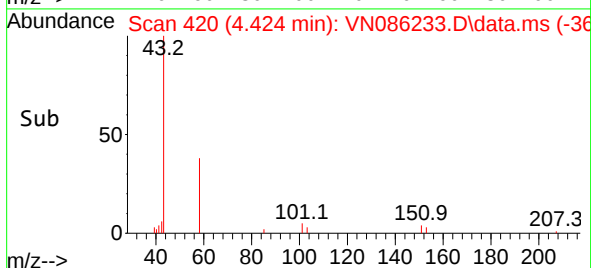
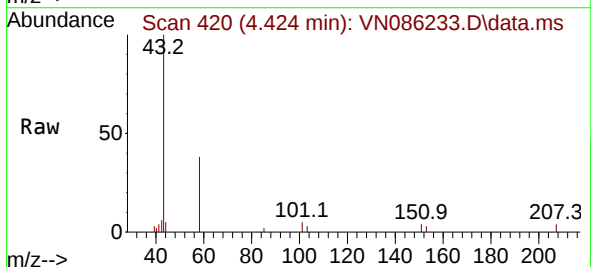


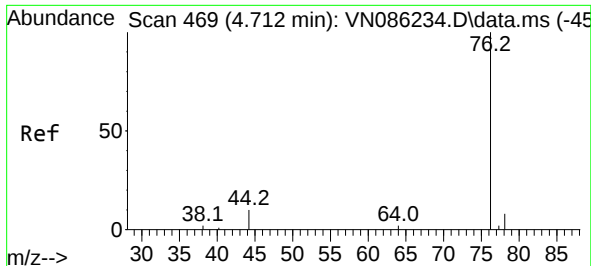
Tgt Ion: 53 Resp: 42303
Ion Ratio Lower Upper
53 100
52 77.4 61.0 91.6
51 32.3 25.4 38.0



#16
Acetone
Concen: 103.893 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 43 Resp: 25590
Ion Ratio Lower Upper
43 100
58 38.1 25.8 38.6

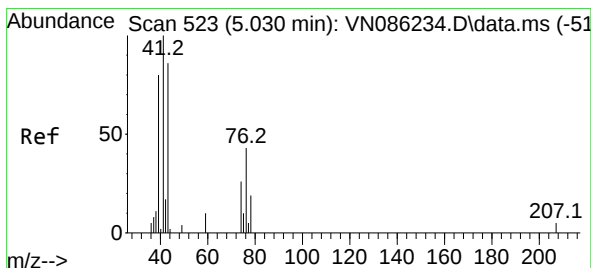
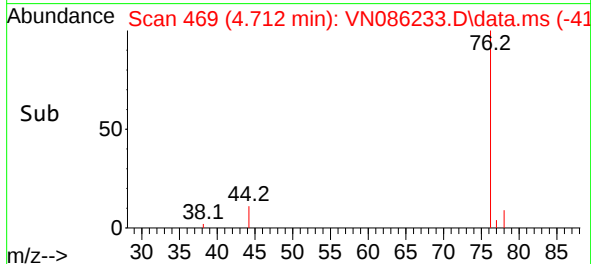
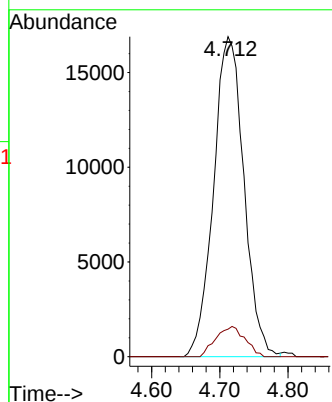
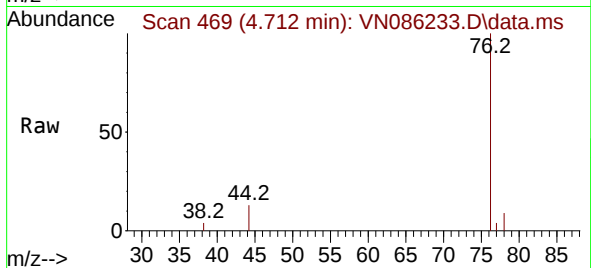




#17
Carbon Disulfide
Concen: 28.460 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

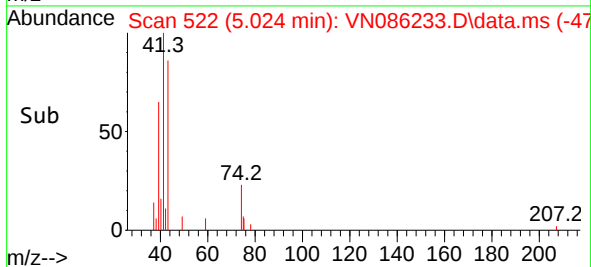
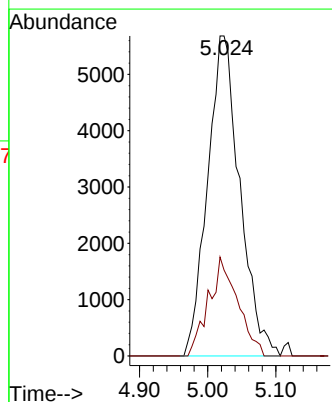
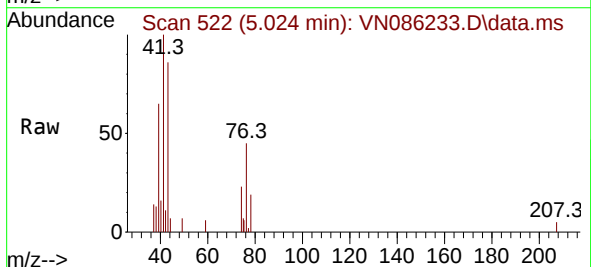
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

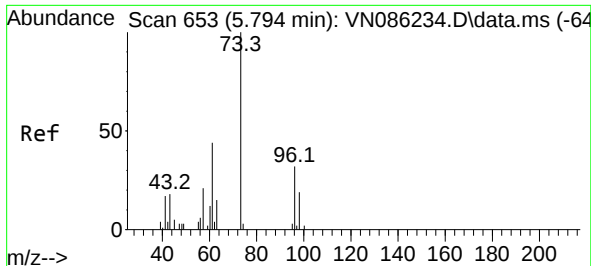
Tgt Ion: 76 Resp: 52313
Ion Ratio Lower Upper
76 100
78 8.6 6.6 10.0



#18
Methyl Acetate
Concen: 24.724 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 43 Resp: 18715
Ion Ratio Lower Upper
43 100
74 27.8 23.1 34.7

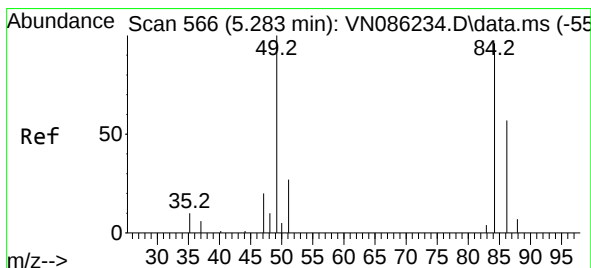
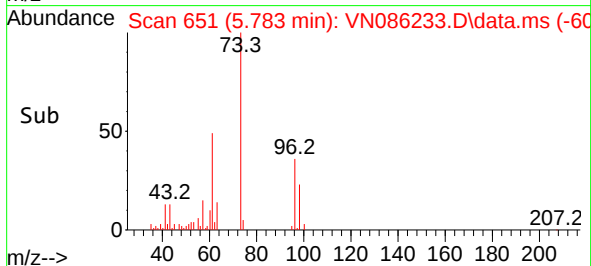
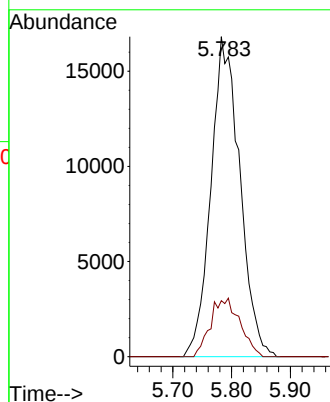
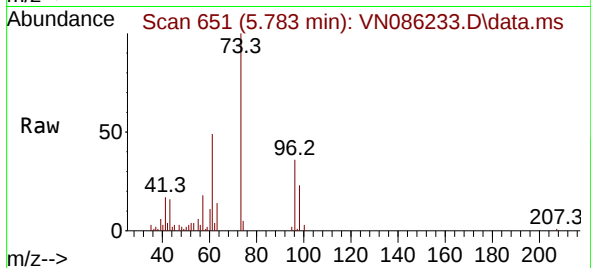




#19
Methyl tert-butyl Ether
Concen: 29.801 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

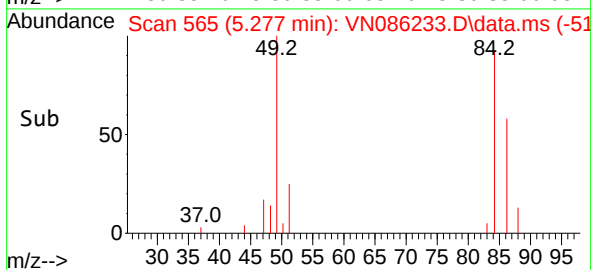
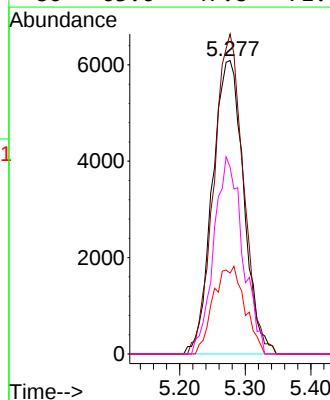
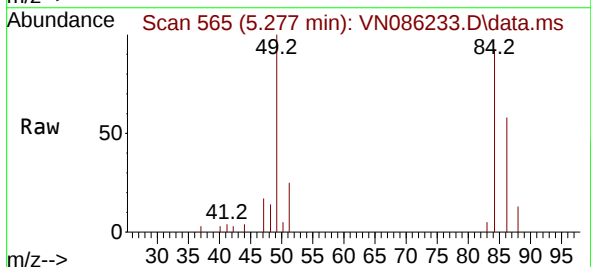
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

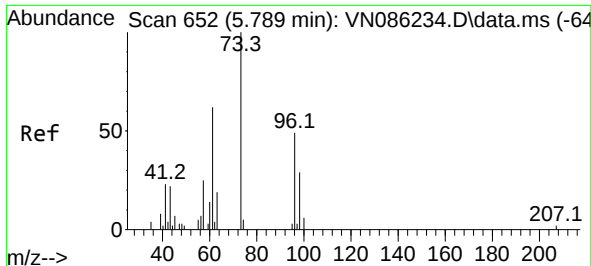
Tgt Ion: 73 Resp: 57331
Ion Ratio Lower Upper
73 100
57 17.5 17.2 25.8



#20
Methylene Chloride
Concen: 30.957 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 84 Resp: 20171
Ion Ratio Lower Upper
84 100
49 109.0 83.7 125.5
51 27.6 22.7 34.1
86 63.6 47.8 71.8

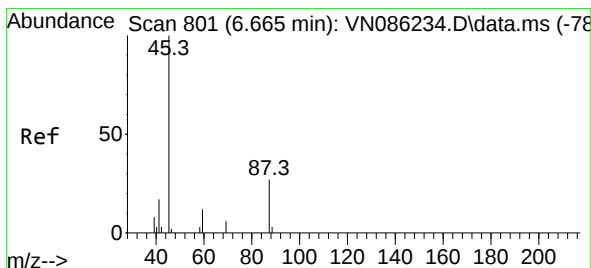
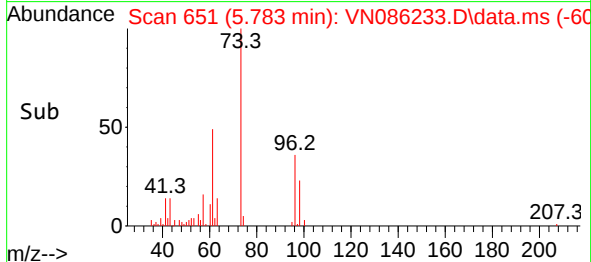
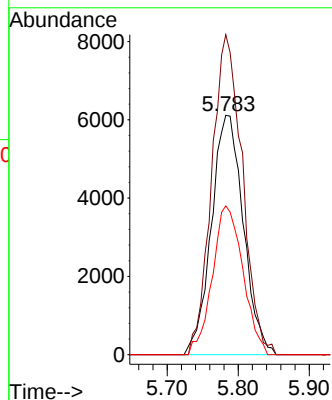
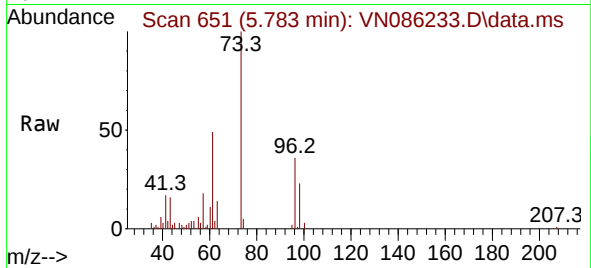




#21
trans-1,2-Dichloroethene
Concen: 30.080 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

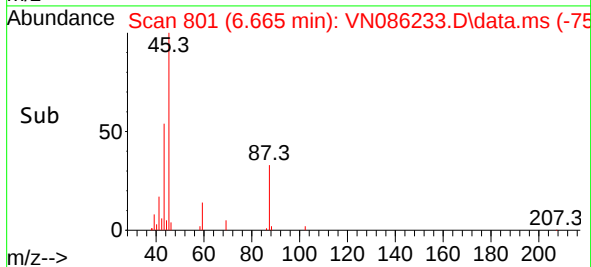
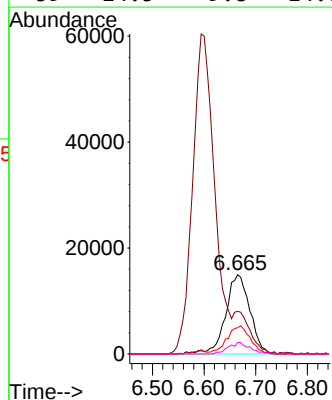
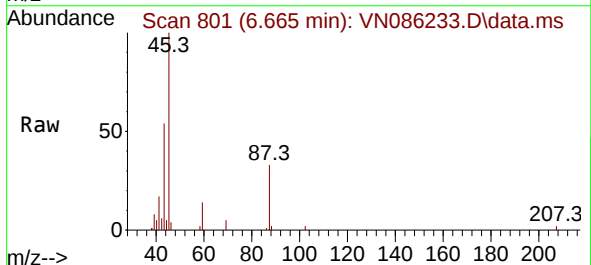
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

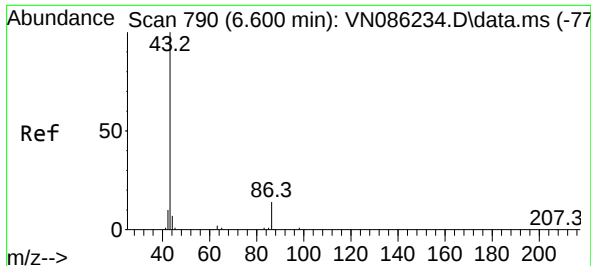
Tgt Ion: 96 Resp: 19066
Ion Ratio Lower Upper
96 100
61 133.7 100.9 151.3
98 62.2 47.7 71.5



#22
Diisopropyl ether
Concen: 30.654 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 45 Resp: 48608
Ion Ratio Lower Upper
45 100
43 51.6 41.0 61.4
87 33.2 22.8 34.2
59 14.5 9.8 14.6

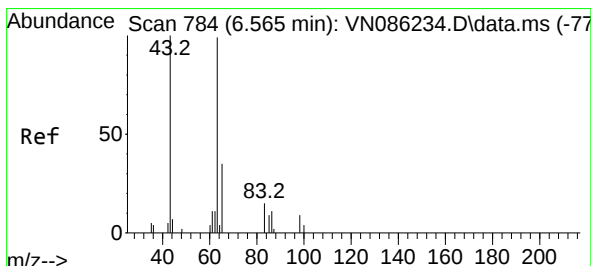
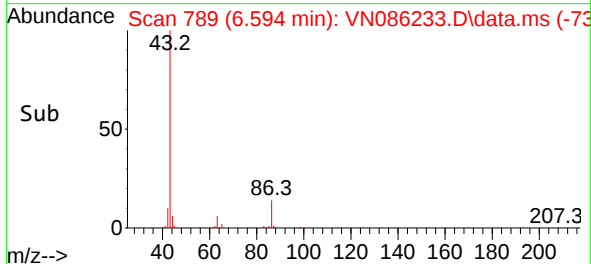
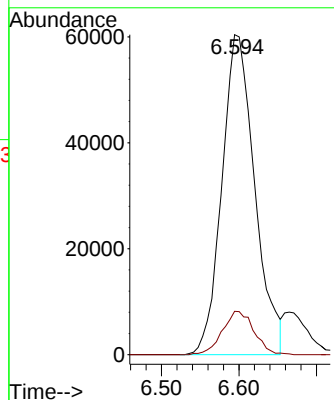
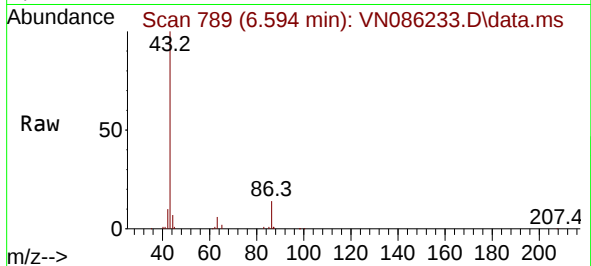




#23
 Vinyl Acetate
 Concen: 156.269 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086233.D
 Acq: 07 Apr 2025 13:33

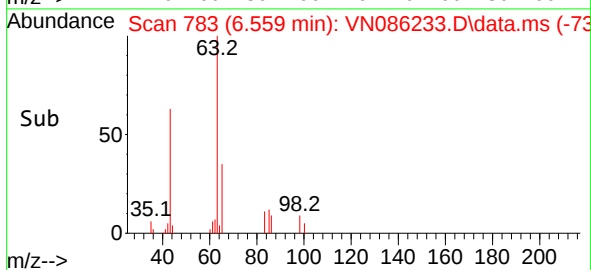
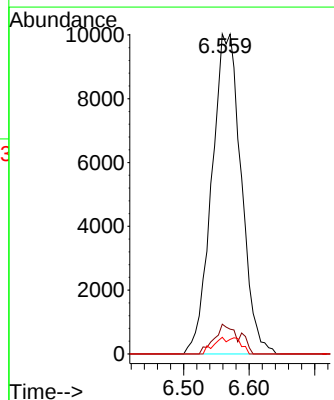
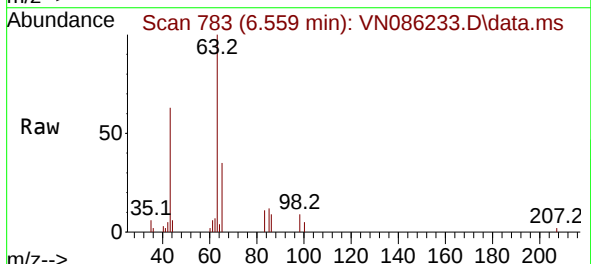
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

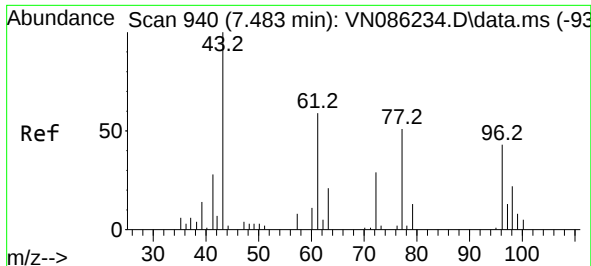
Tgt Ion: 43 Resp: 178216
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 28.138 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN086233.D
 Acq: 07 Apr 2025 13:33

Tgt Ion: 63 Resp: 31192
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.6 13.8
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 123.600 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

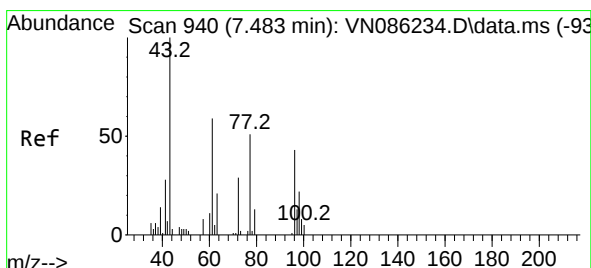
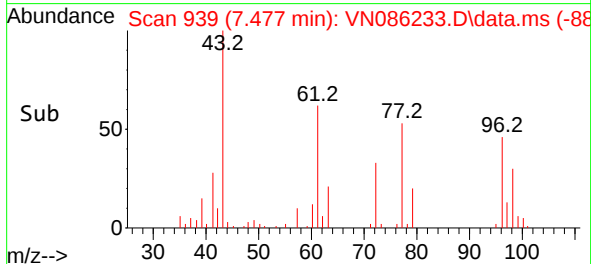
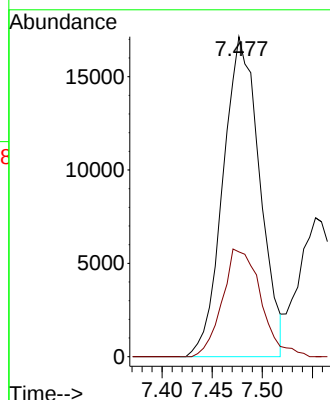
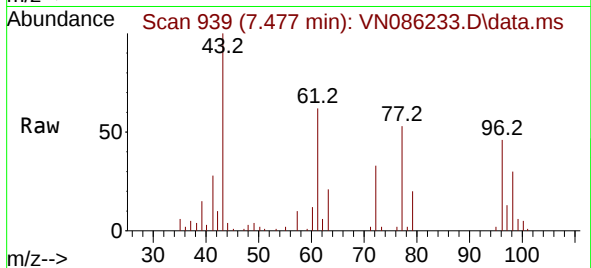
VSTDICC100

Tgt Ion: 43 Resp: 43692

Ion Ratio Lower Upper

43 100

72 32.7 23.1 34.7



#26

2,2-Dichloropropane

Concen: 27.649 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN086233.D

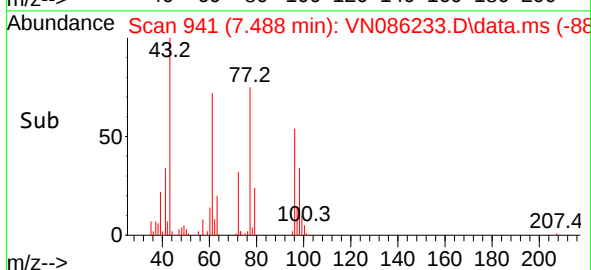
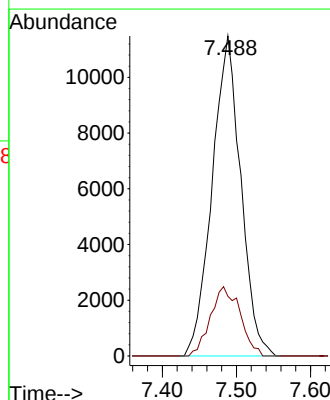
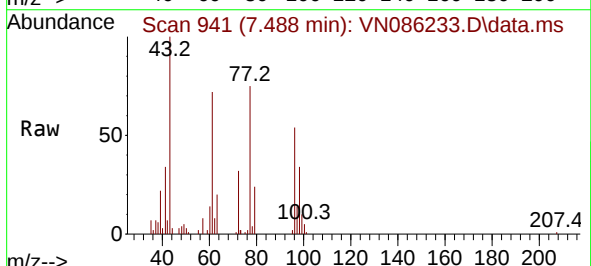
Acq: 07 Apr 2025 13:33

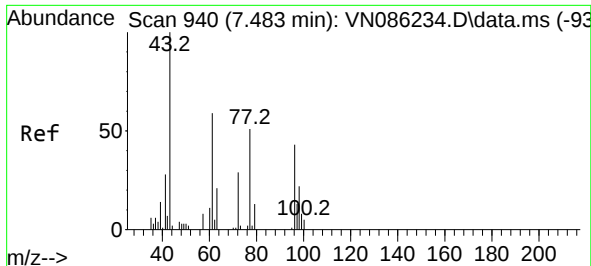
Tgt Ion: 77 Resp: 30790

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 27.965 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

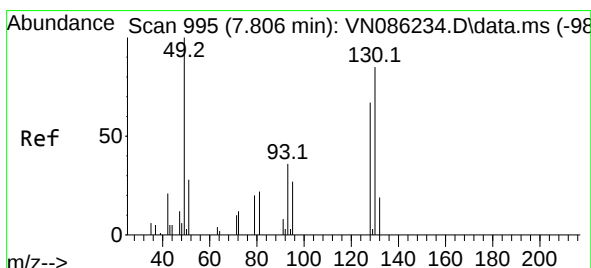
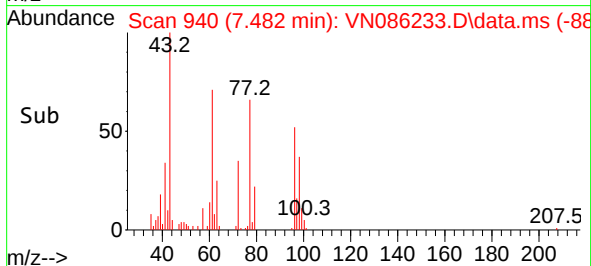
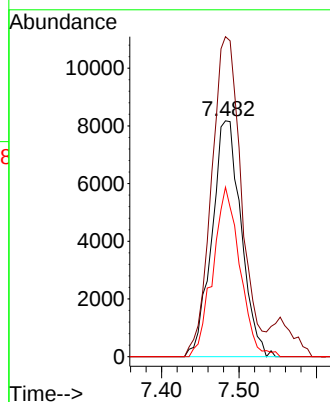
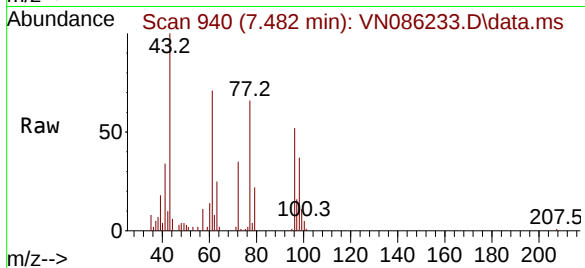
Tgt Ion: 96 Resp: 21383

Ion Ratio Lower Upper

96 100

61 138.9 0.0 270.8

98 66.6 0.0 127.0



#28

Bromochloromethane

Concen: 35.676 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

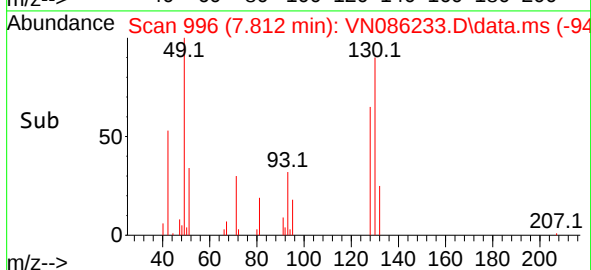
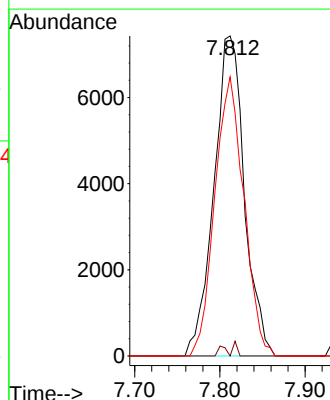
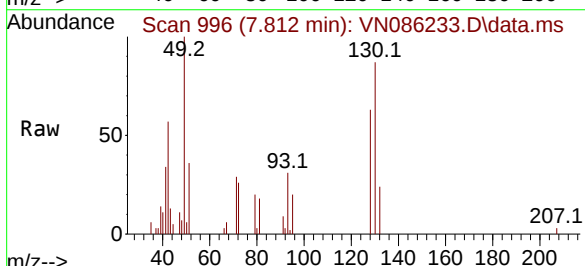
Tgt Ion: 49 Resp: 18474

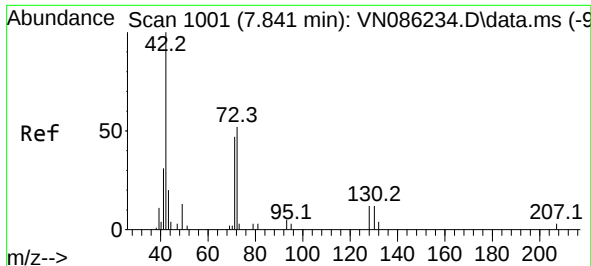
Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.0

130 83.3 70.5 105.7





#29

Tetrahydrofuran

Concen: 144.467 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

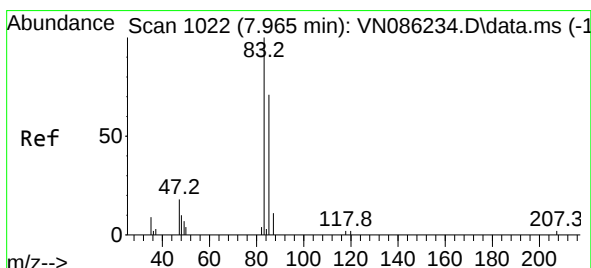
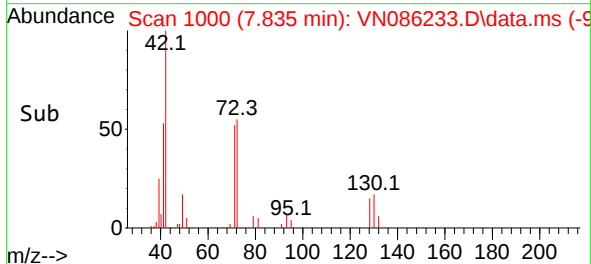
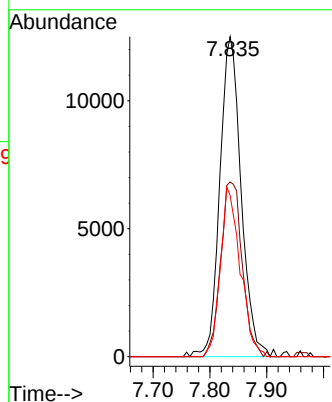
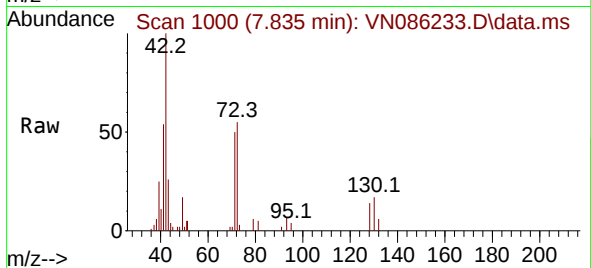
Tgt Ion: 42 Resp: 32663

Ion Ratio Lower Upper

42 100

72 55.2 40.8 61.2

71 49.5 38.2 57.4



#30

Chloroform

Concen: 28.341 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086233.D

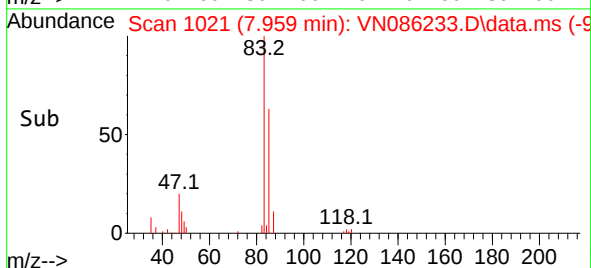
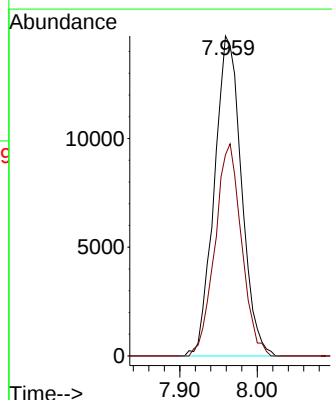
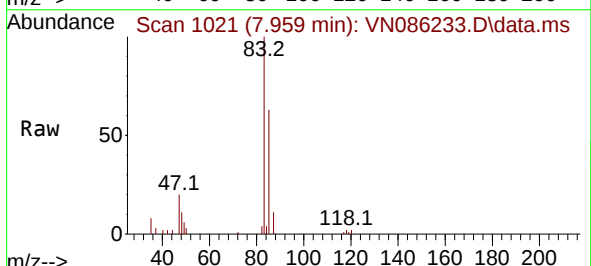
Acq: 07 Apr 2025 13:33

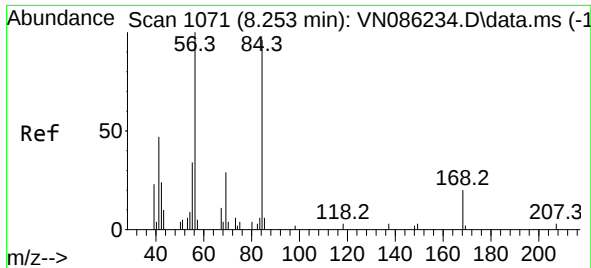
Tgt Ion: 83 Resp: 35818

Ion Ratio Lower Upper

83 100

85 62.9 56.4 84.6

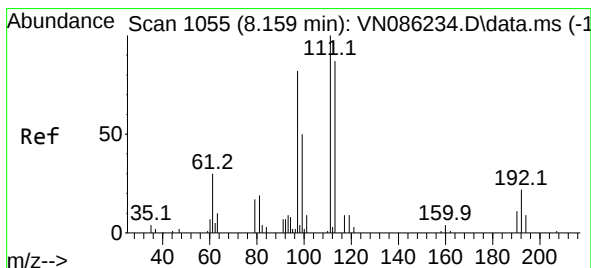
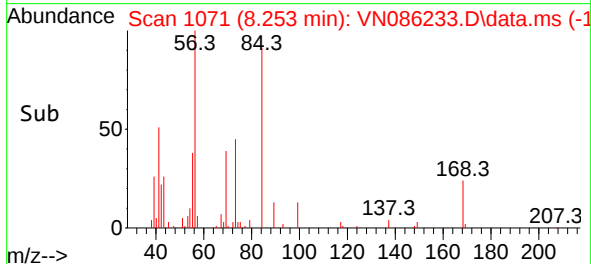
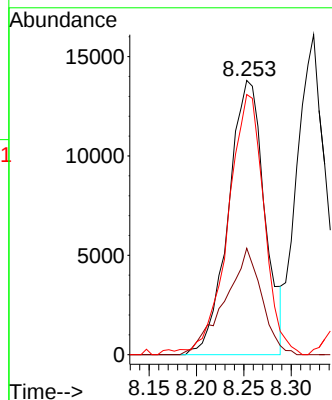
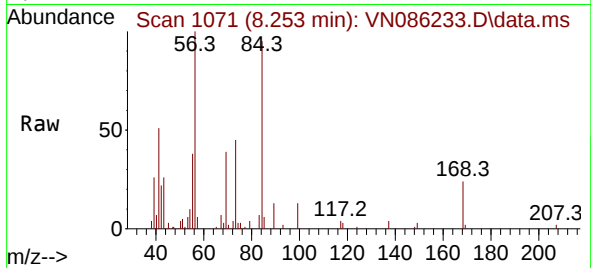




#31
Cyclohexane
Concen: 36.446 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

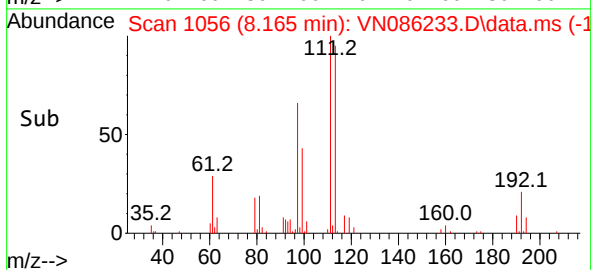
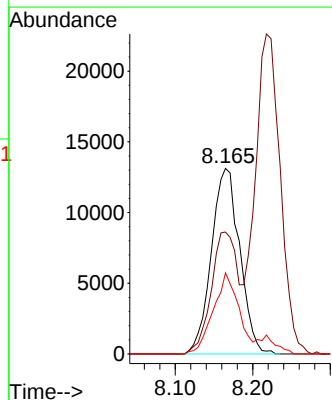
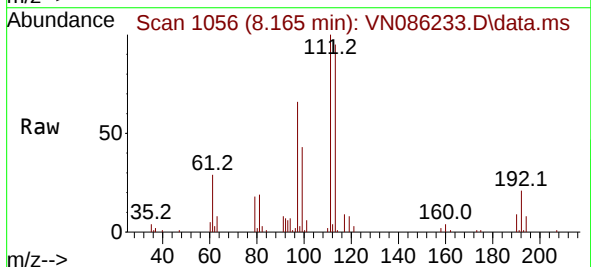
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

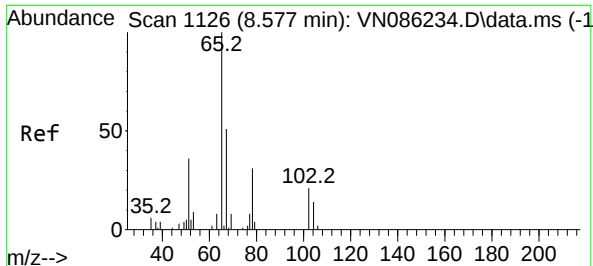
Tgt Ion: 56 Resp: 36671
Ion Ratio Lower Upper
56 100
69 38.8 23.1 34.7#
84 93.0 76.9 115.3



#32
1,1,1-Trichloroethane
Concen: 28.902 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 97 Resp: 33352
Ion Ratio Lower Upper
97 100
99 59.0 51.8 77.8
61 39.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 64.699 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

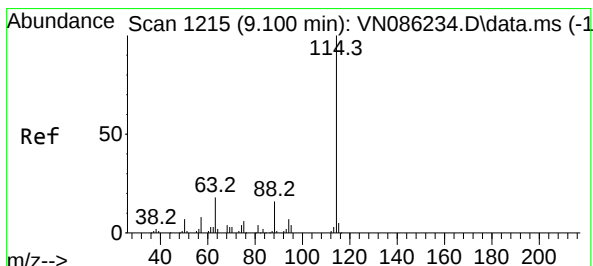
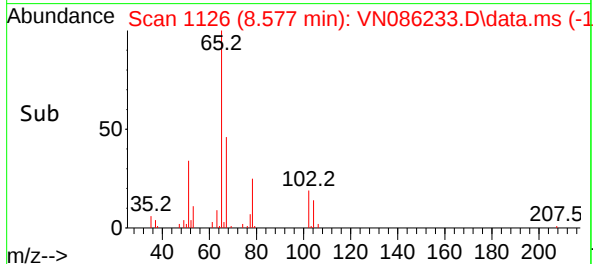
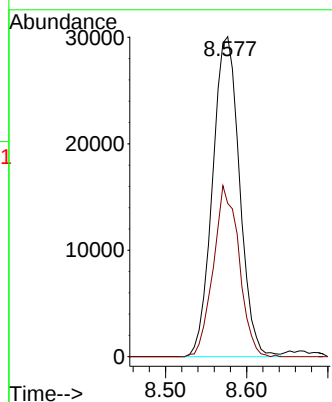
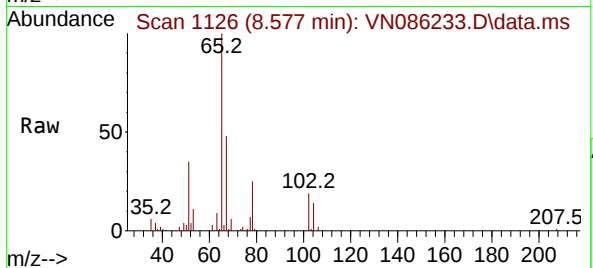
VSTDIC100

Tgt Ion: 65 Resp: 69556

Ion Ratio Lower Upper

65 100

67 50.8 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

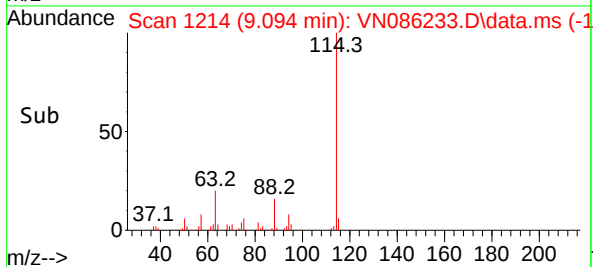
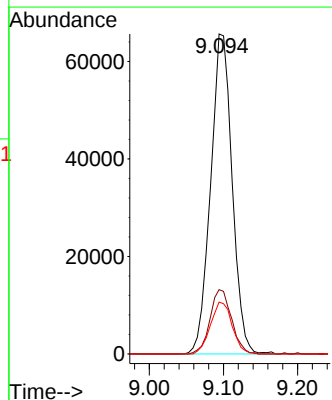
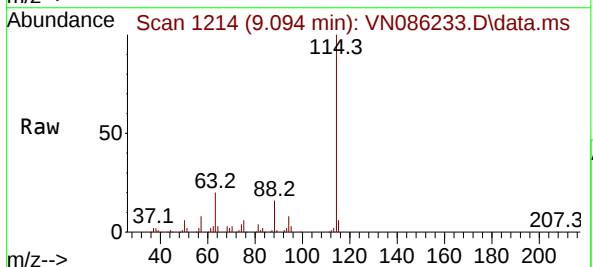
Tgt Ion: 114 Resp: 132456

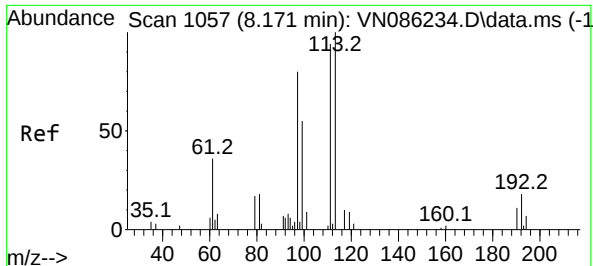
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 67.933 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

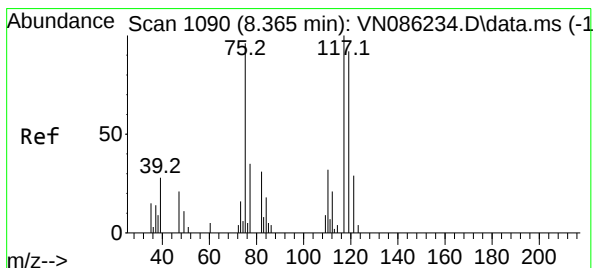
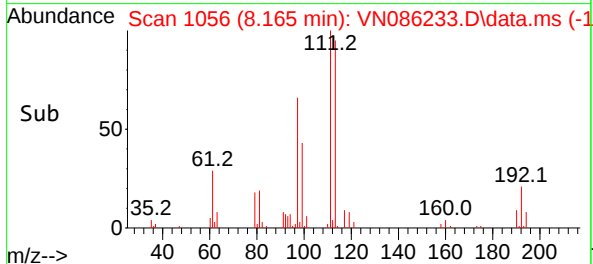
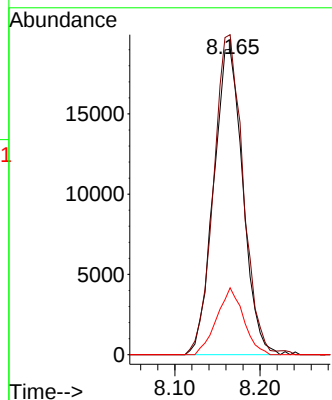
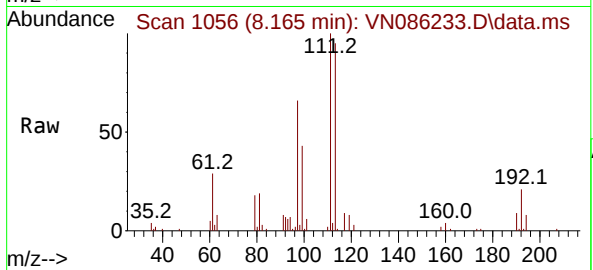
Tgt Ion:113 Resp: 45480

Ion Ratio Lower Upper

113 100

111 105.1 84.2 126.2

192 20.0 16.1 24.1



#36

1,1-Dichloropropene

Concen: 33.139 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

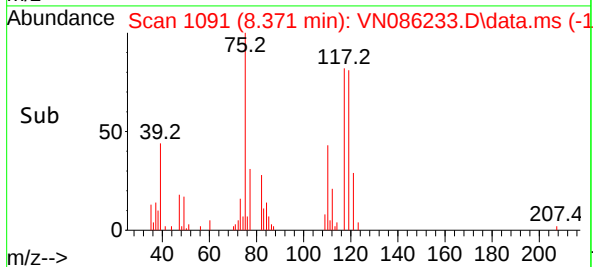
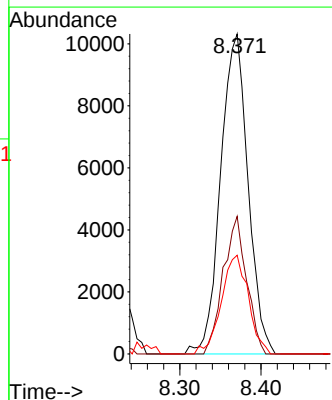
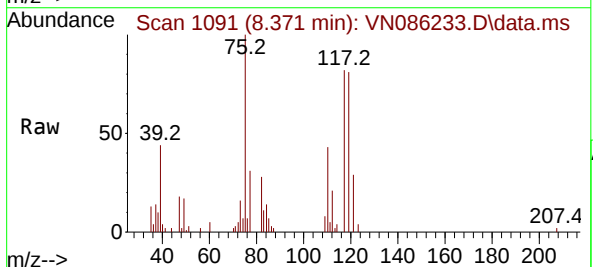
Tgt Ion: 75 Resp: 24177

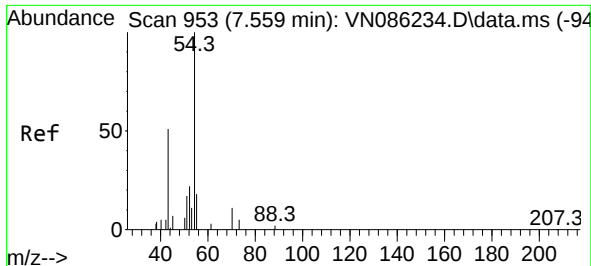
Ion Ratio Lower Upper

75 100

110 36.7 16.9 50.7

77 30.4 23.0 34.4





#37

Ethyl Acetate

Concen: 30.537 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

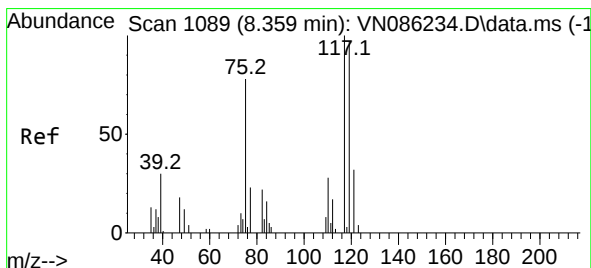
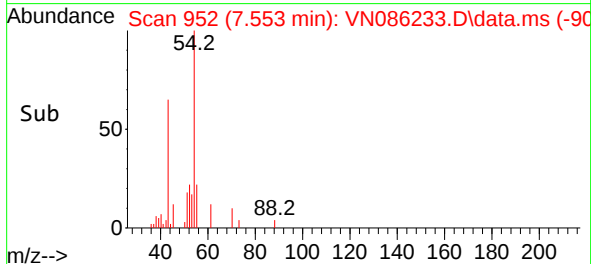
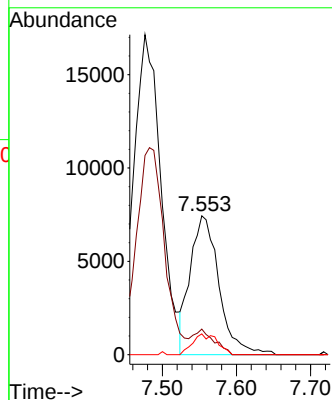
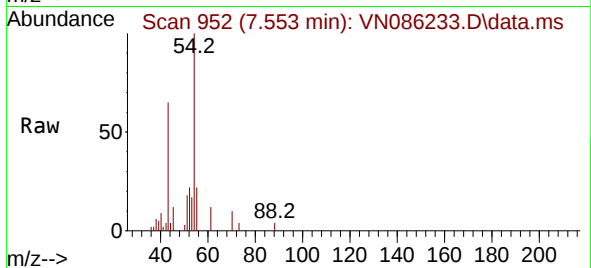
Tgt Ion: 43 Resp: 20109

Ion Ratio Lower Upper

43 100

61 13.1 11.8 17.6

70 12.8 11.7 17.5



#38

Carbon Tetrachloride

Concen: 30.652 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

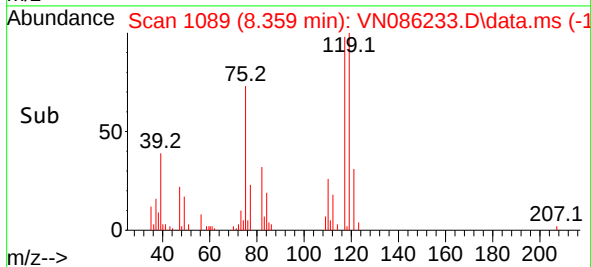
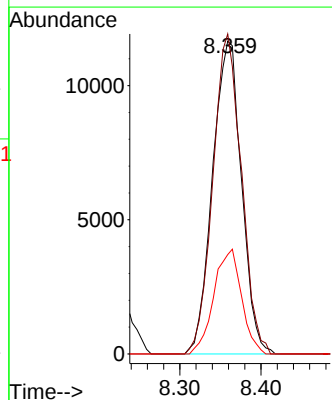
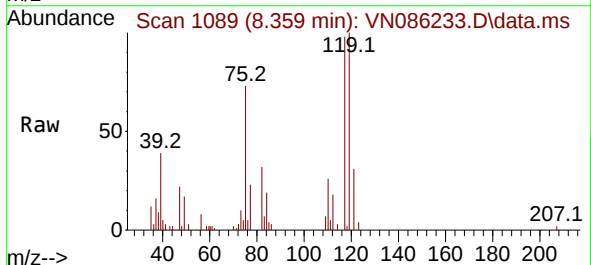
Tgt Ion: 117 Resp: 28899

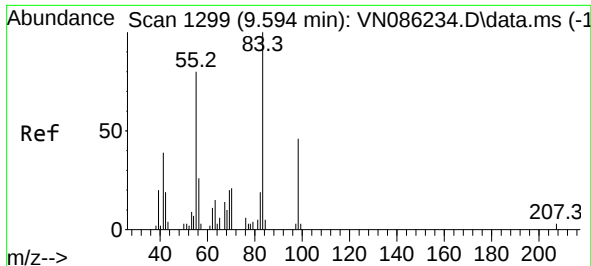
Ion Ratio Lower Upper

117 100

119 102.3 77.9 116.9

121 31.8 25.3 37.9





#39

Methylcyclohexane

Concen: 36.639 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

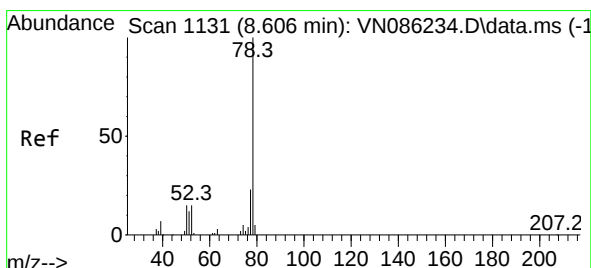
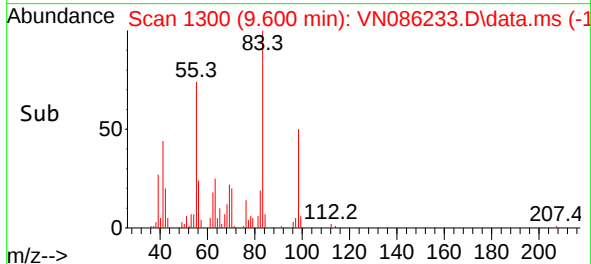
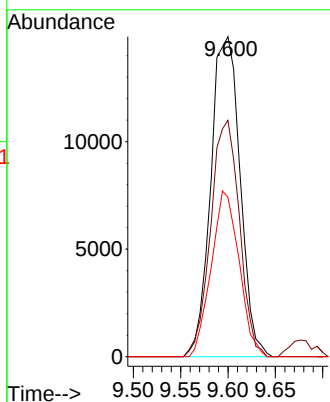
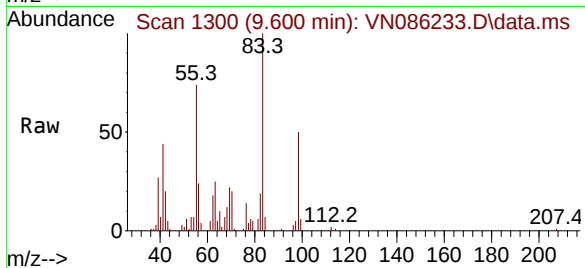
Tgt Ion: 83 Resp: 31991

Ion Ratio Lower Upper

83 100

55 73.9 63.9 95.9

98 49.7 36.6 55.0



#40

Benzene

Concen: 30.753 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086233.D

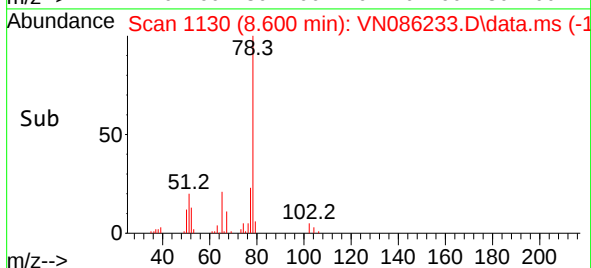
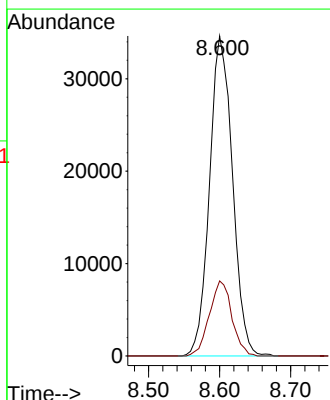
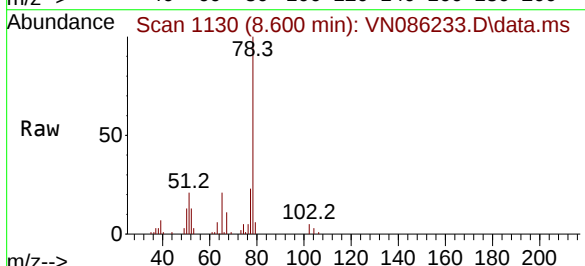
Acq: 07 Apr 2025 13:33

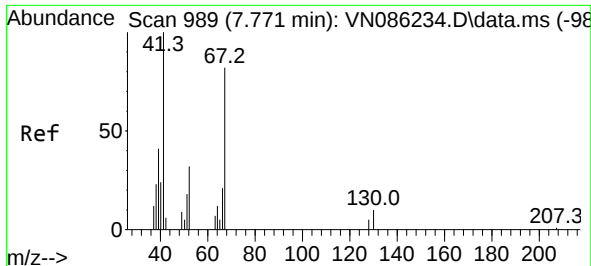
Tgt Ion: 78 Resp: 77686

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0



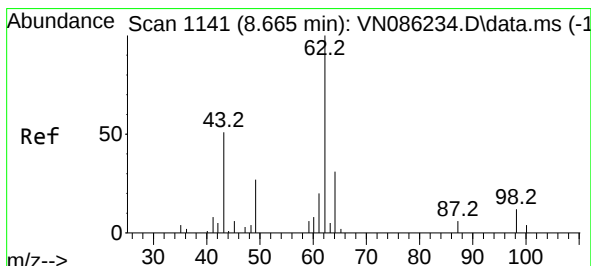
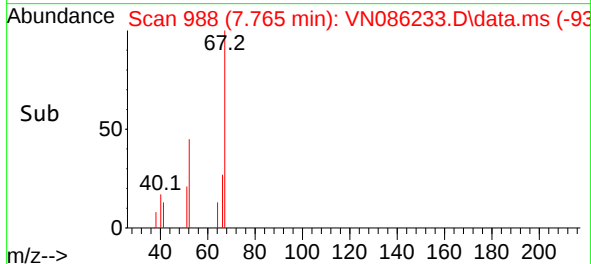
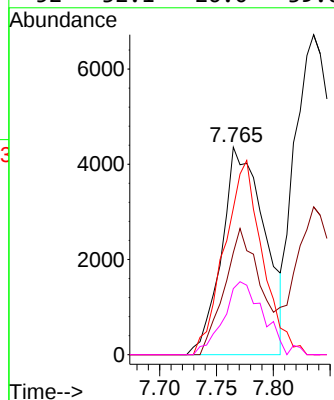
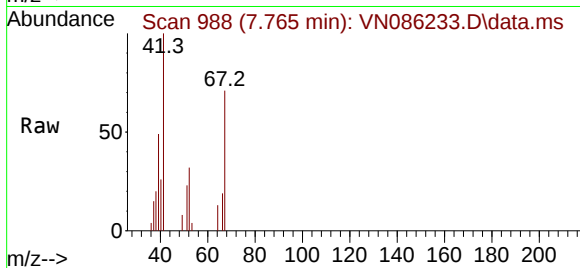


#41
Methacrylonitrile
Concen: 31.327 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 11427

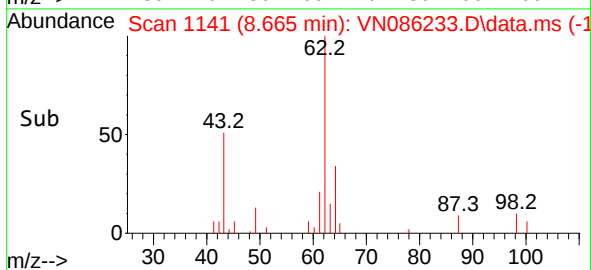
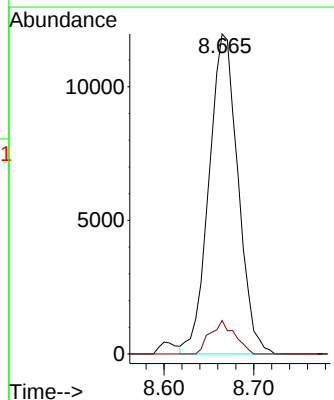
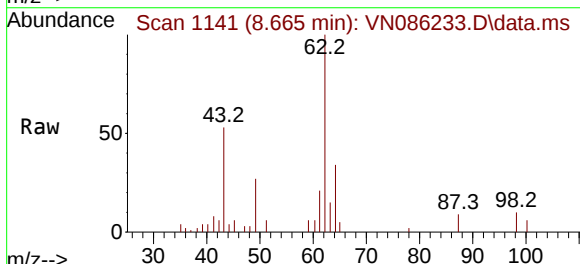
Ion	Ratio	Lower	Upper
41	100		
39	50.3	39.0	58.6
67	82.9	67.8	101.6
52	32.1	26.0	39.0

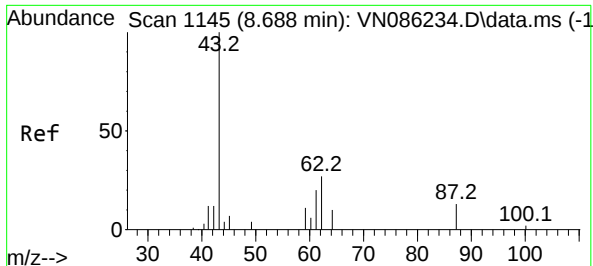


#42
1,2-Dichloroethane
Concen: 32.096 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 62 Resp: 26894

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

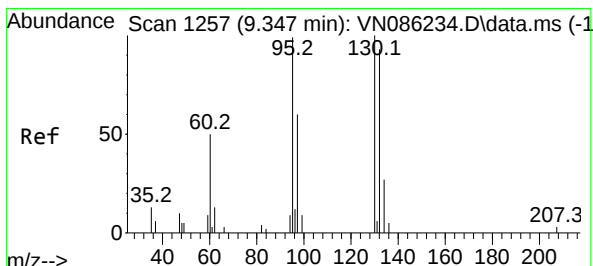
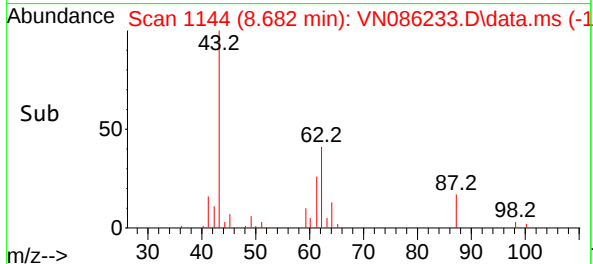
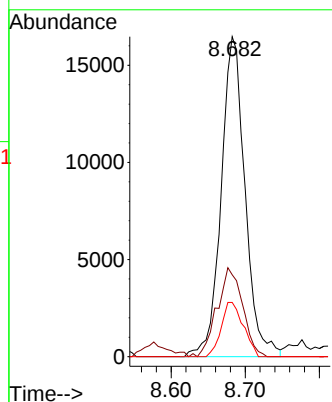
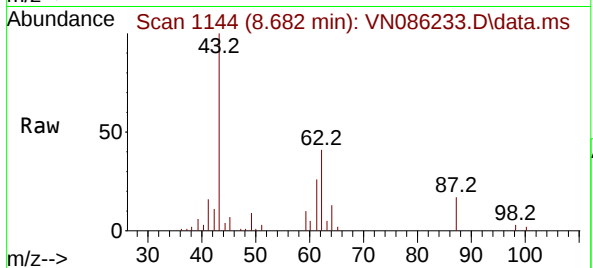




#43
Isopropyl Acetate
Concen: 24.169 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

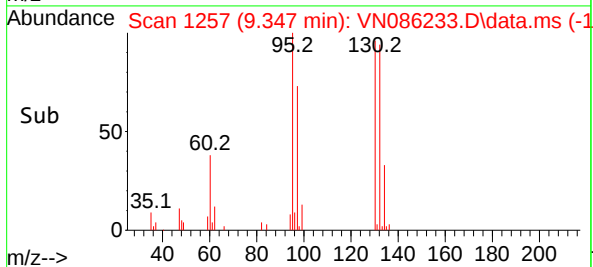
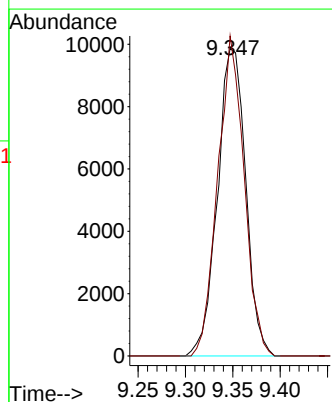
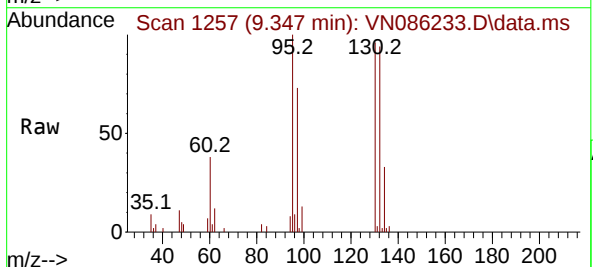
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

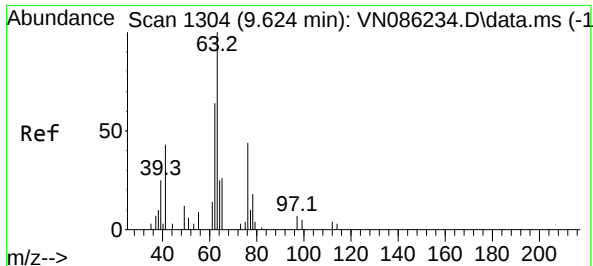
Tgt Ion: 43 Resp: 36925
Ion Ratio Lower Upper
43 100
61 29.6 21.4 32.0
87 15.6 11.4 17.0



#44
Trichloroethene
Concen: 31.582 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 130 Resp: 20471
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.6





#45

1,2-Dichloropropane

Concen: 32.069 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

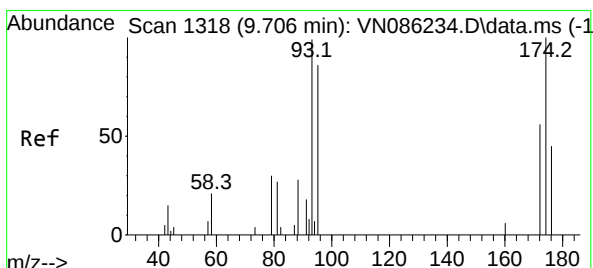
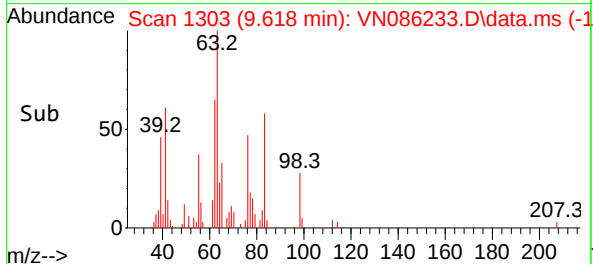
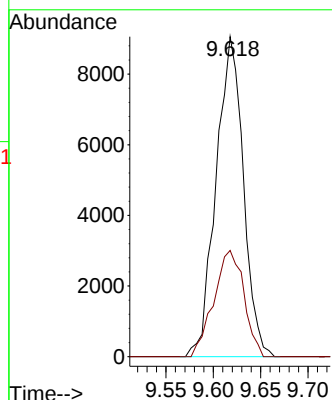
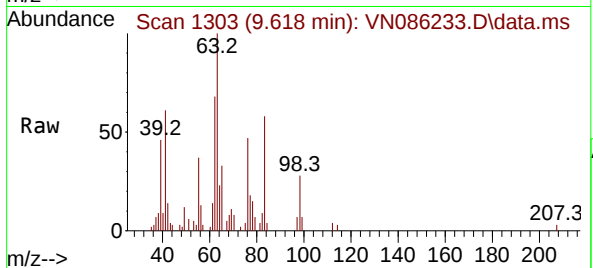
VSTDICC100

Tgt Ion: 63 Resp: 18149

Ion Ratio Lower Upper

63 100

65 33.2 20.6 31.0#



#46

Dibromomethane

Concen: 31.881 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

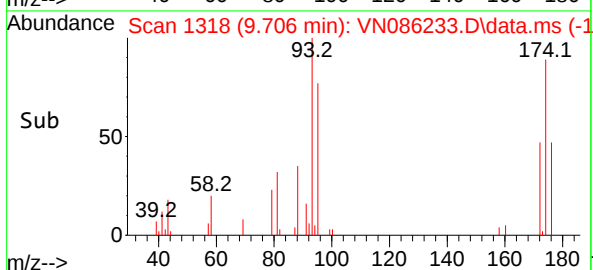
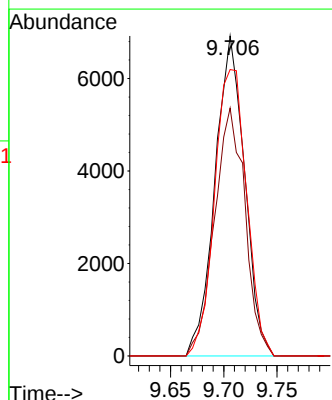
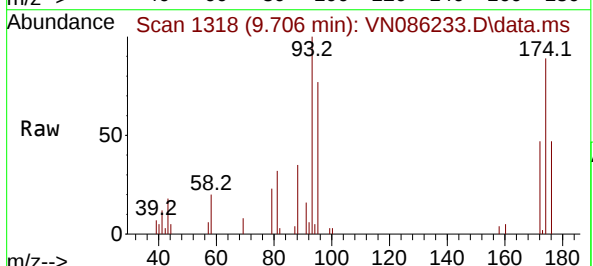
Tgt Ion: 93 Resp: 13374

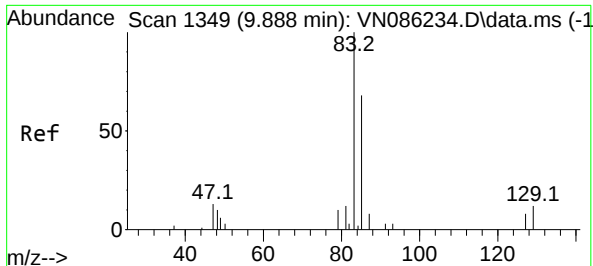
Ion Ratio Lower Upper

93 100

95 79.7 63.1 94.7

174 96.9 74.2 111.2





#47

Bromodichloromethane

Concen: 31.889 ug/l

RT: 9.882 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

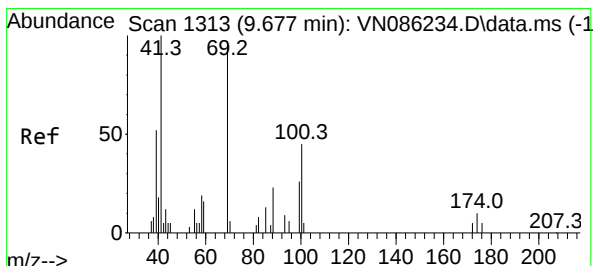
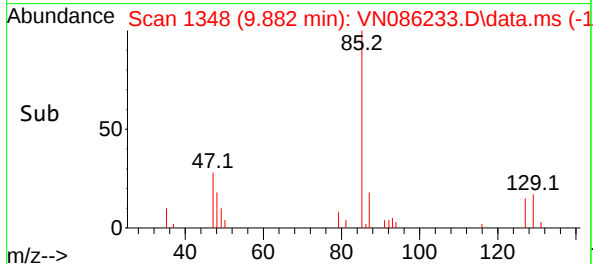
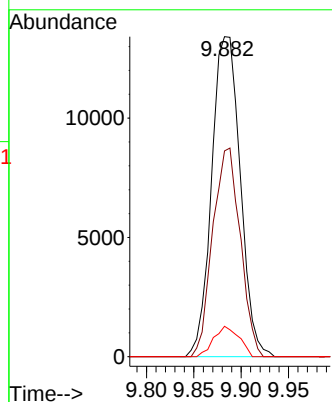
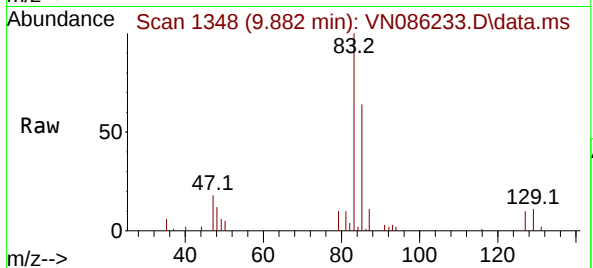
Tgt Ion: 83 Resp: 28197

Ion Ratio Lower Upper

83 100

85 64.3 54.0 81.0

127 9.5 6.4 9.6



#48

Methyl methacrylate

Concen: 31.626 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

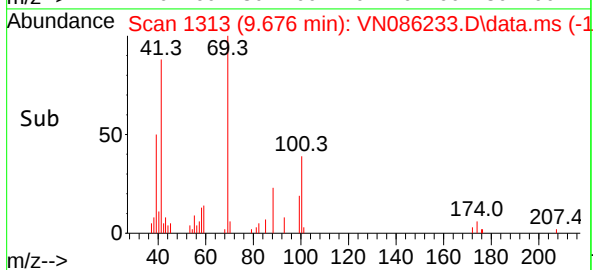
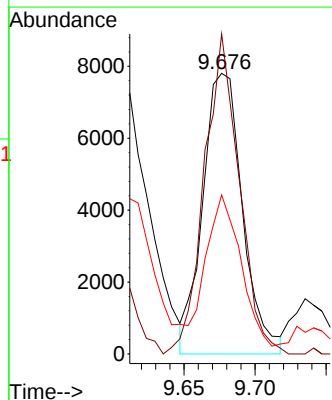
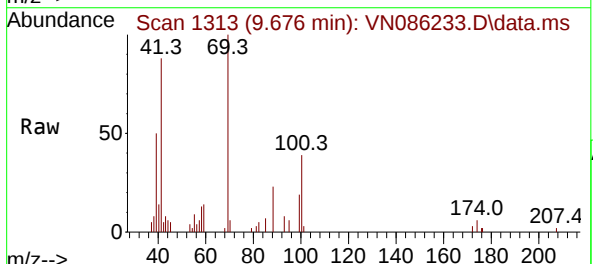
Tgt Ion: 41 Resp: 15199

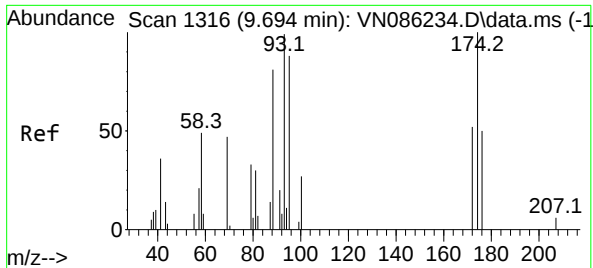
Ion Ratio Lower Upper

41 100

69 100.1 80.0 120.0

39 51.3 44.7 67.1

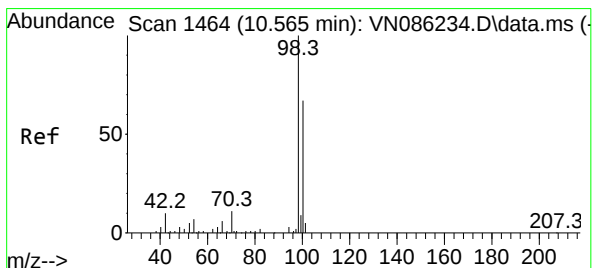
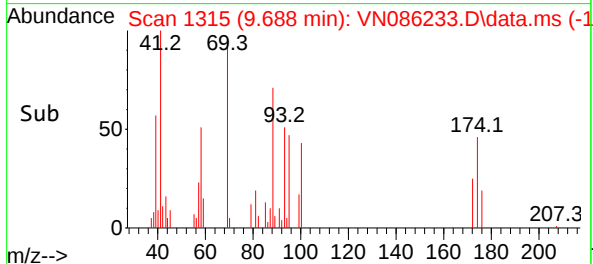
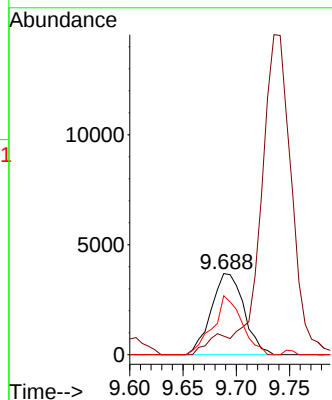
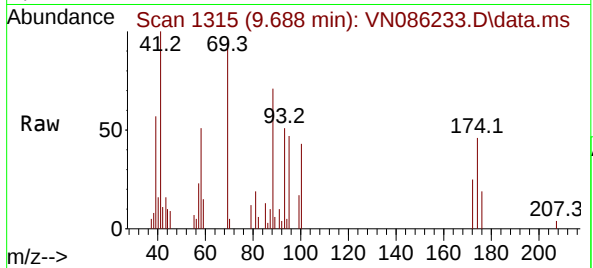




#49
1,4-Dioxane
Concen: 695.524 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

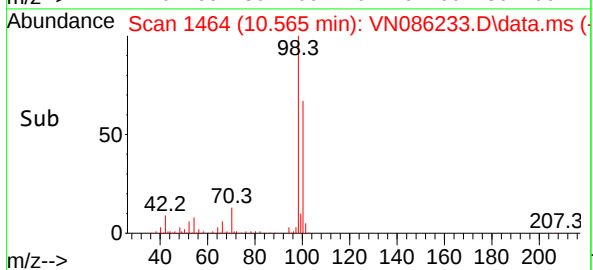
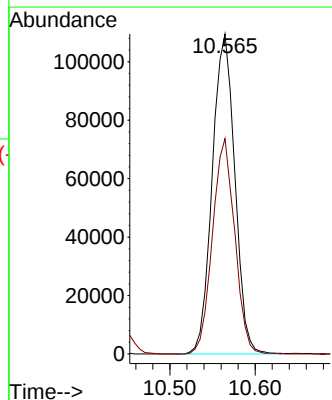
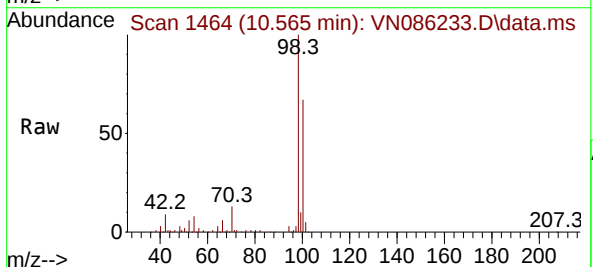
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

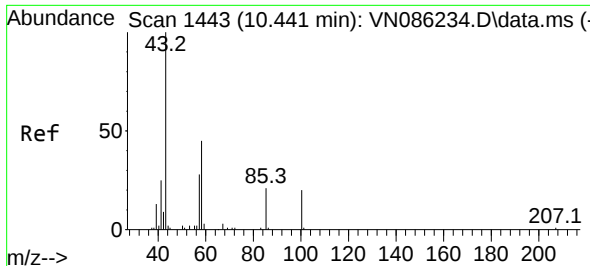
Tgt Ion: 88 Resp: 7878
Ion Ratio Lower Upper
88 100
43 18.0 16.8 25.2
58 63.9 52.2 78.2



#50
Toluene-d8
Concen: 72.648 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 98 Resp: 201317
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6

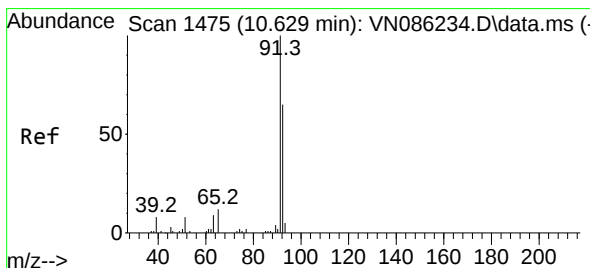
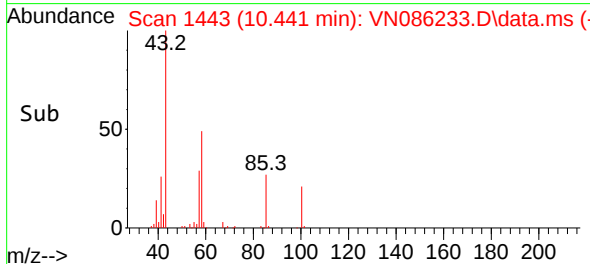
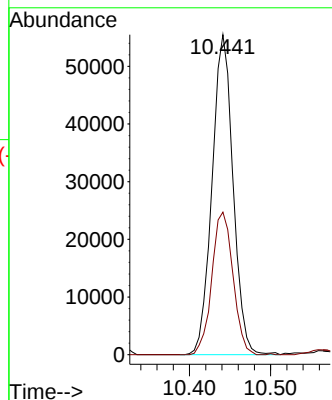
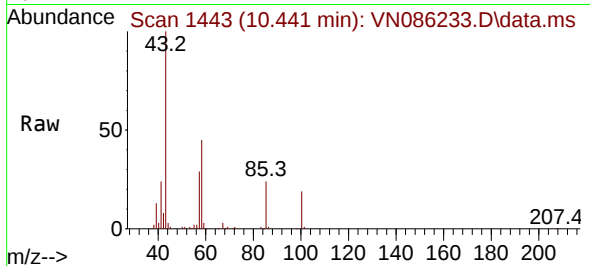




#51
4-Methyl-2-Pentanone
Concen: 157.410 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

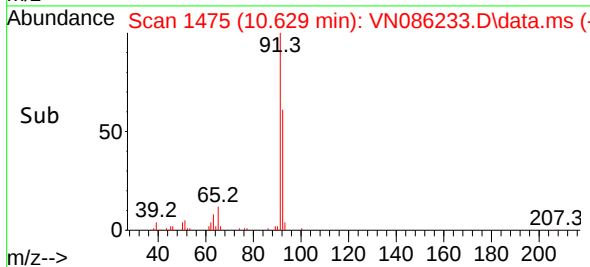
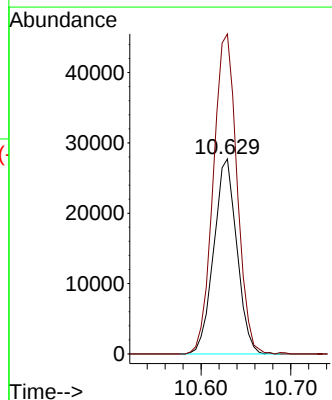
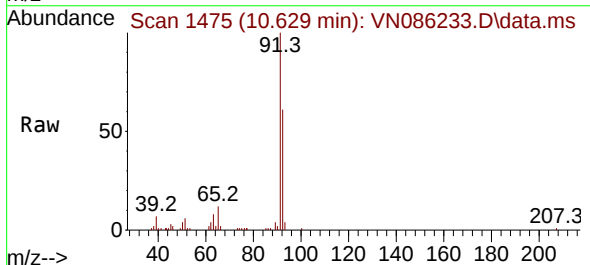
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

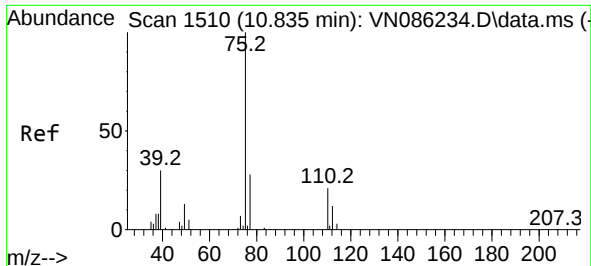
Tgt Ion: 43 Resp: 99899
Ion Ratio Lower Upper
43 100
58 44.8 36.2 54.4



#52
Toluene
Concen: 32.760 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 92 Resp: 49513
Ion Ratio Lower Upper
92 100
91 168.4 134.9 202.3

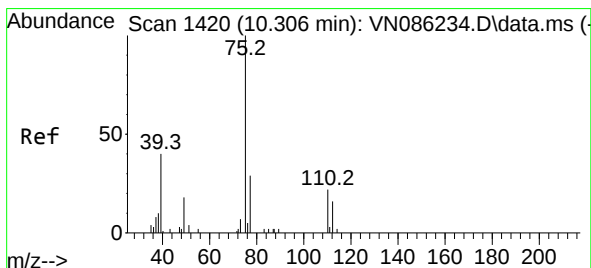
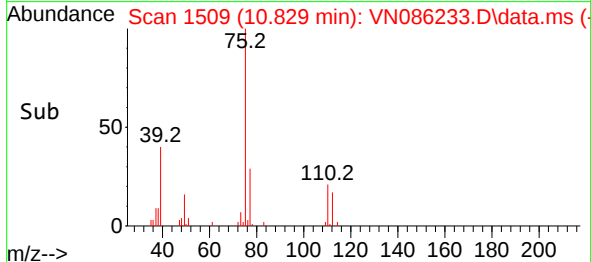
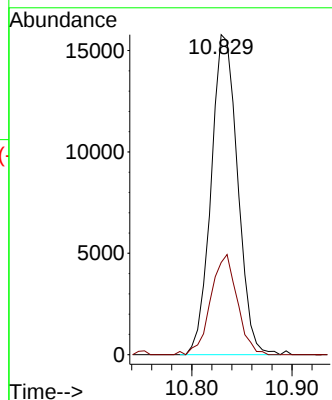
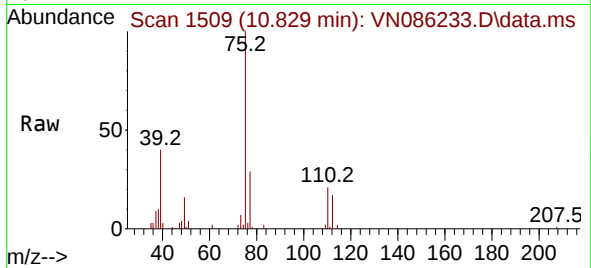




#53
 t-1,3-Dichloropropene
 Concen: 31.734 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086233.D
 Acq: 07 Apr 2025 13:33

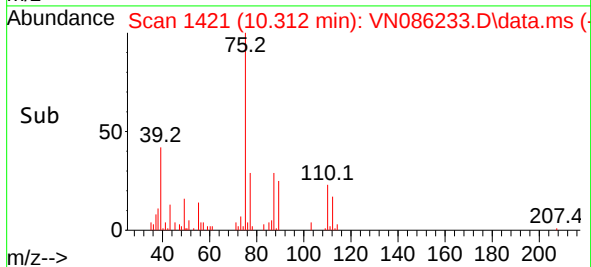
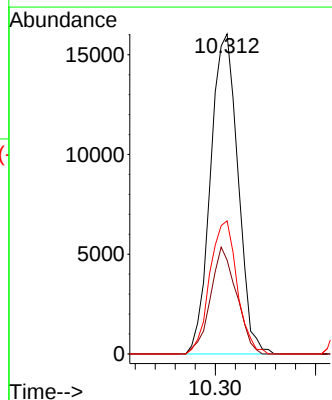
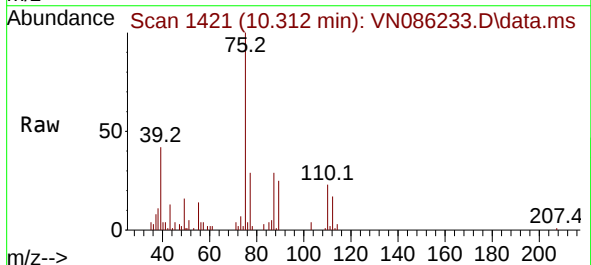
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

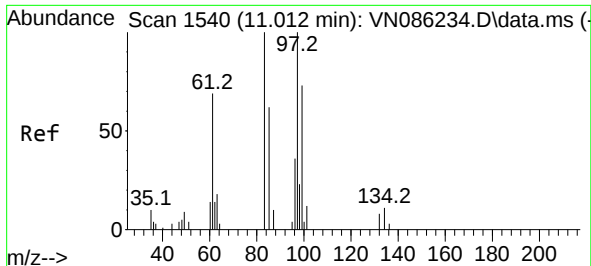
Tgt Ion: 75 Resp: 29045
 Ion Ratio Lower Upper
 75 100
 77 28.8 22.2 33.2



#54
 cis-1,3-Dichloropropene
 Concen: 30.870 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086233.D
 Acq: 07 Apr 2025 13:33

Tgt Ion: 75 Resp: 30460
 Ion Ratio Lower Upper
 75 100
 77 29.4 22.9 34.3
 39 41.6 31.7 47.5

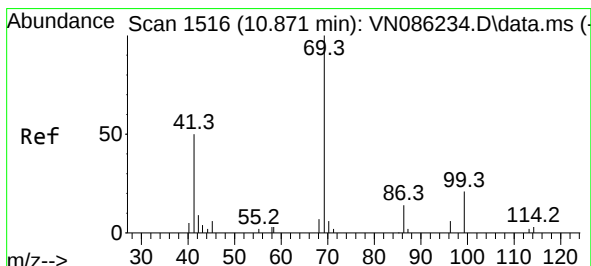
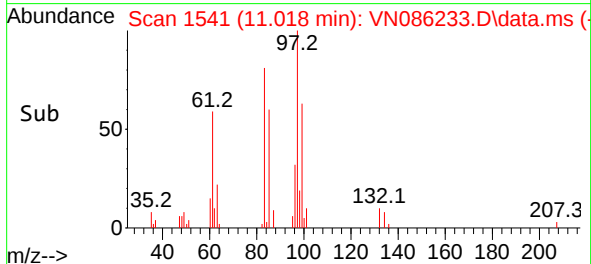
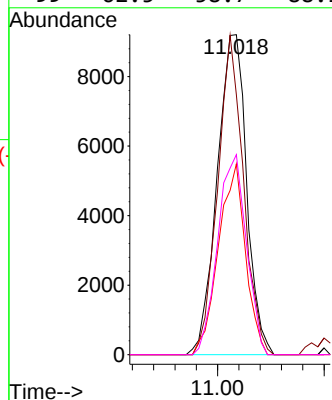
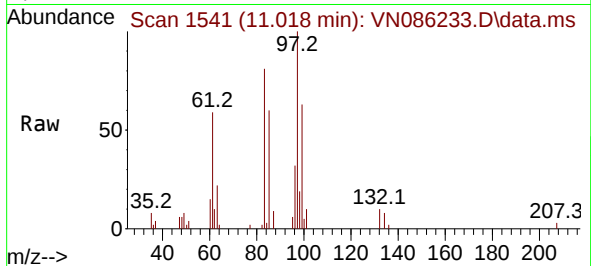




#55
1,1,2-Trichloroethane
Concen: 29.917 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

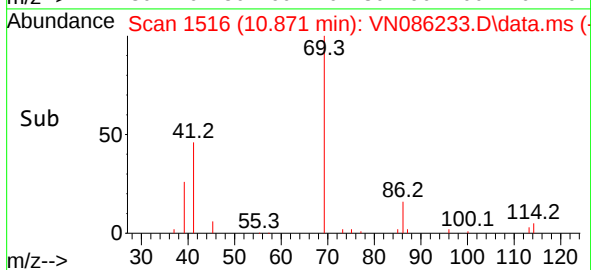
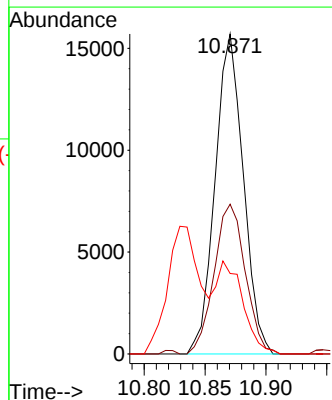
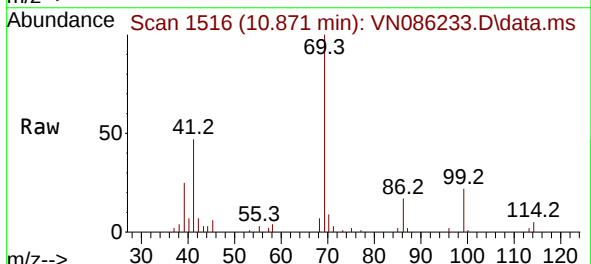
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

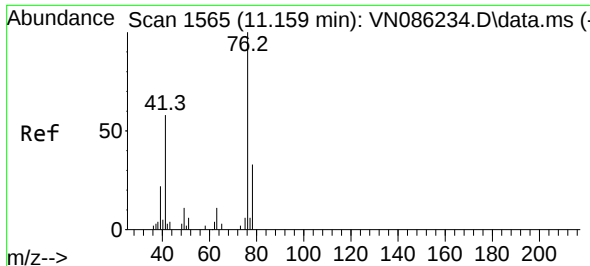
Tgt Ion:	97	Resp:	17661
Ion	Ratio	Lower	Upper
97	100		
83	81.2	80.2	120.4
85	59.6	49.7	74.5
99	62.5	58.7	88.1



#56
Ethyl methacrylate
Concen: 34.000 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion:	69	Resp:	25265
Ion	Ratio	Lower	Upper
69	100		
41	51.8	43.9	65.9
39	28.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 31.976 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

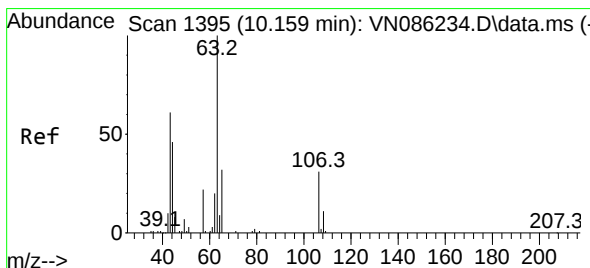
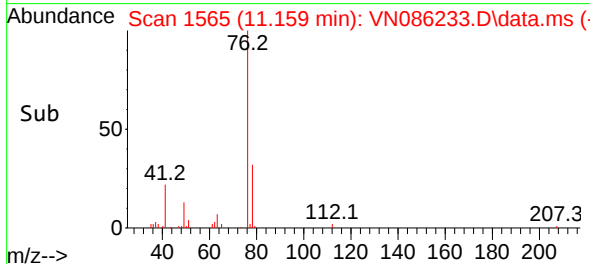
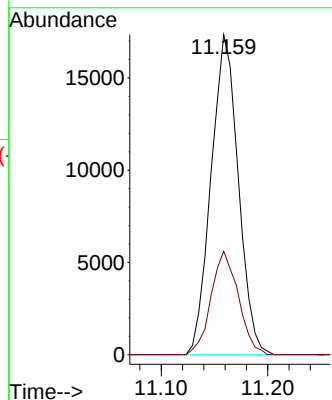
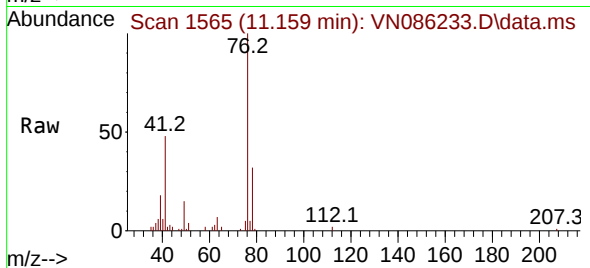
VSTDICC100

Tgt Ion: 76 Resp: 30783

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 84.015 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086233.D

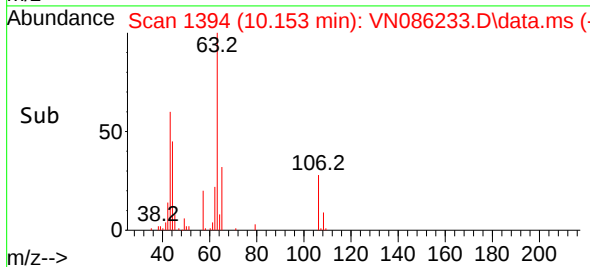
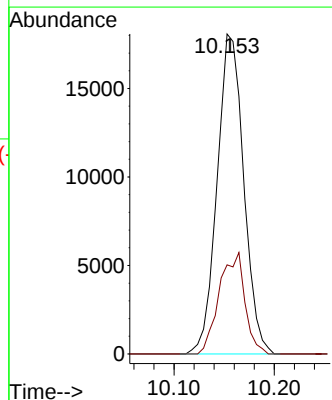
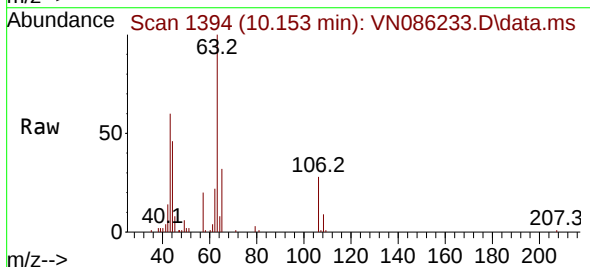
Acq: 07 Apr 2025 13:33

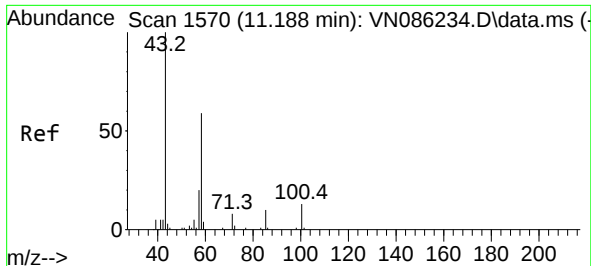
Tgt Ion: 63 Resp: 33328

Ion Ratio Lower Upper

63 100

106 30.5 24.1 36.1

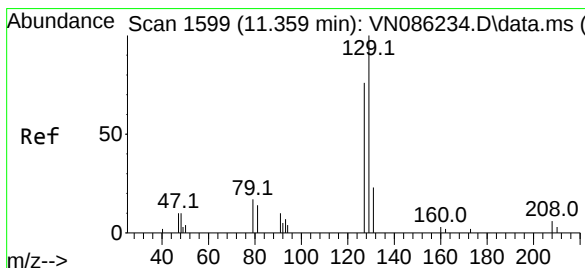
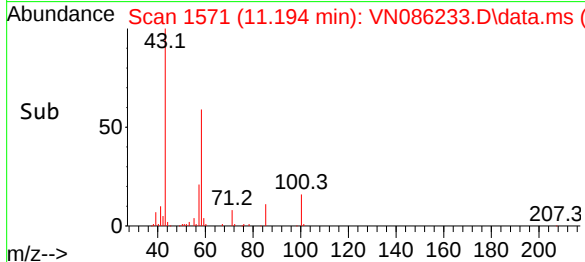
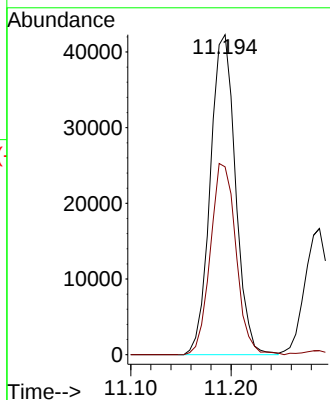
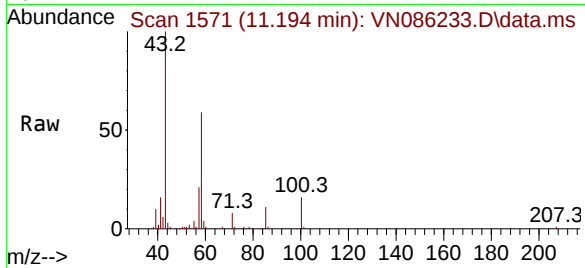




#59
2-Hexanone
Concen: 165.074 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

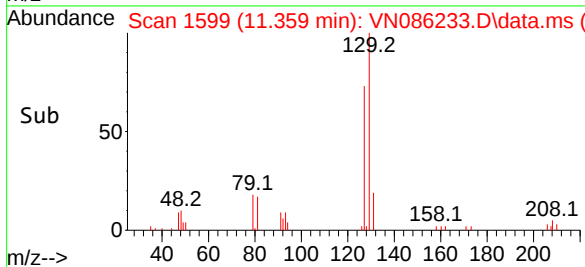
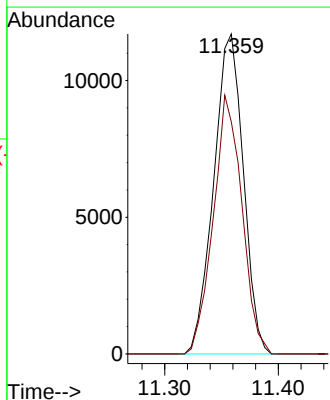
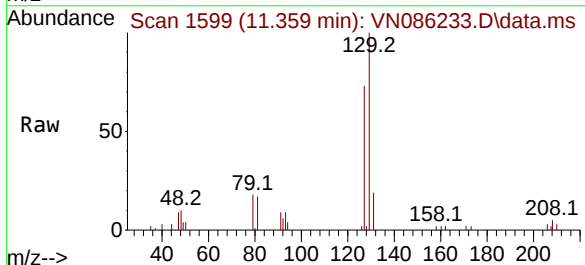
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

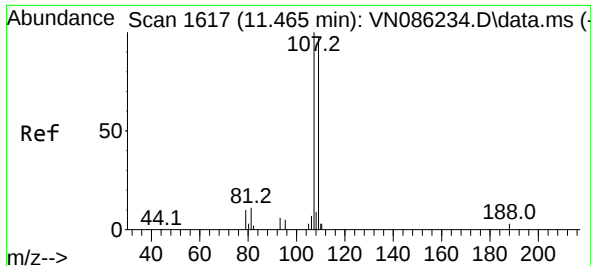
Tgt Ion: 43 Resp: 73550
Ion Ratio Lower Upper
43 100
58 60.8 32.2 96.6



#60
Dibromochloromethane
Concen: 30.656 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion:129 Resp: 21235
Ion Ratio Lower Upper
129 100
127 78.1 39.8 119.3

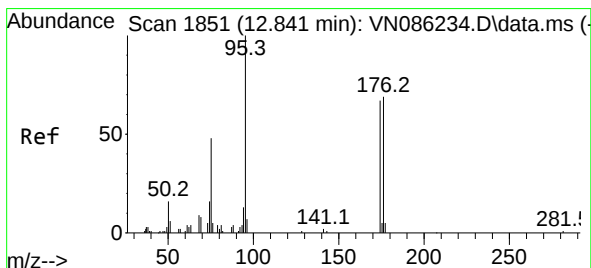
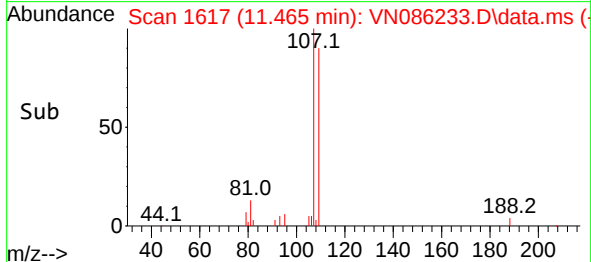
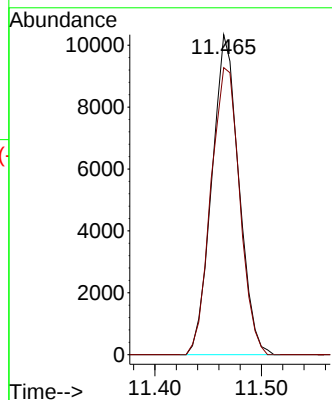
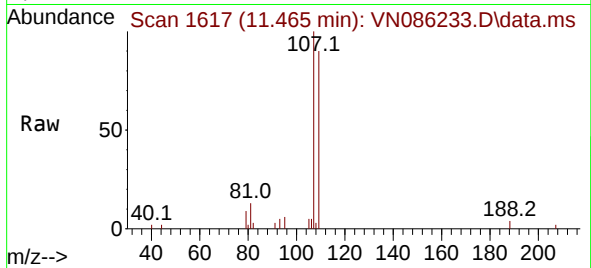




#61
1,2-Dibromoethane
Concen: 33.187 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

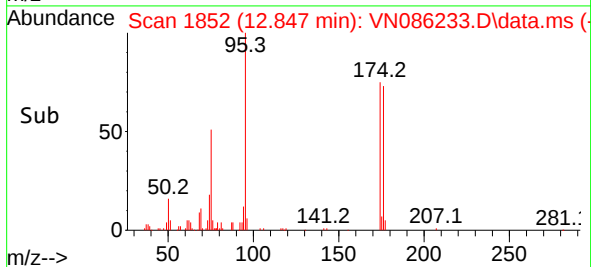
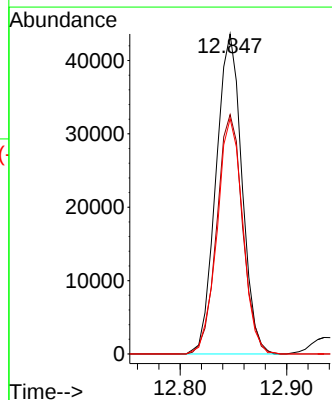
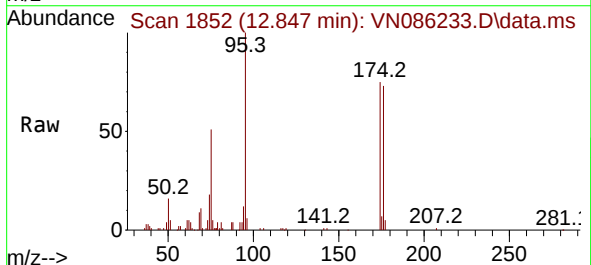
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

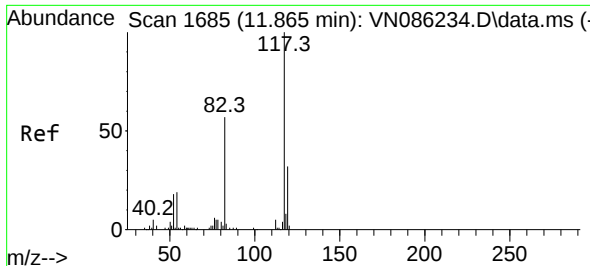
Tgt Ion:107 Resp: 18211
Ion Ratio Lower Upper
107 100
109 95.6 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 75.052 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 95 Resp: 73503
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.0
176 72.7 0.0 145.0

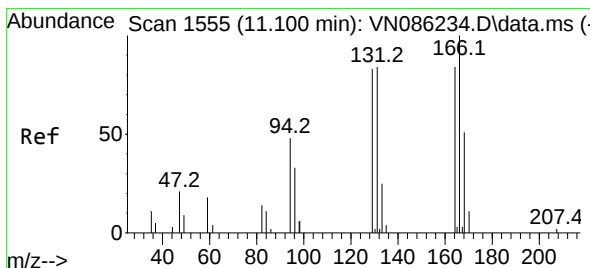
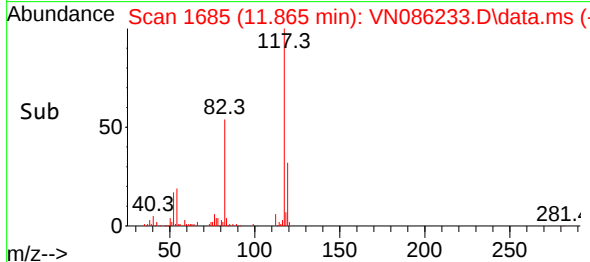
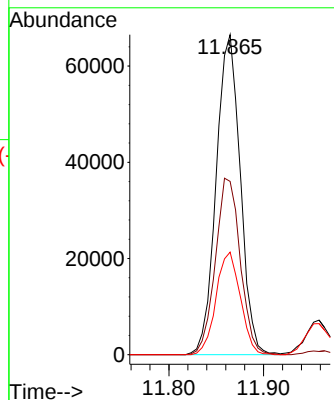
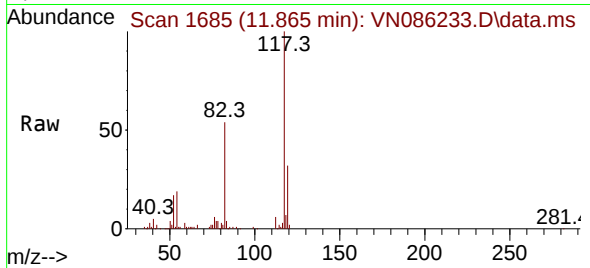




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117626
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

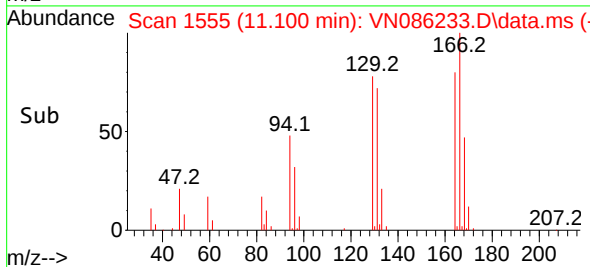
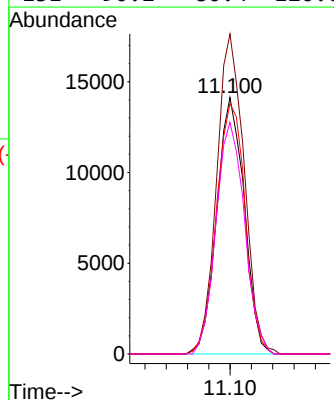
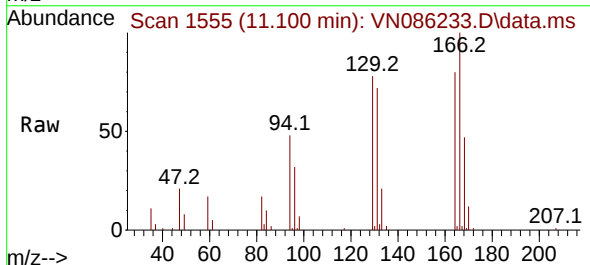
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

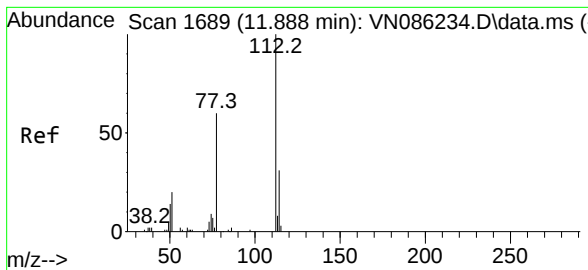
Tgt Ion:	117	Resp:	117626
Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.6	68.4
119	32.1	25.9	38.9



#64
Tetrachloroethene
Concen: 36.515 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion:	164	Resp:	25323
Ion	Ratio	Lower	Upper
164	100		
166	124.8	95.7	143.5
129	97.7	79.4	119.0
131	90.2	80.4	120.6

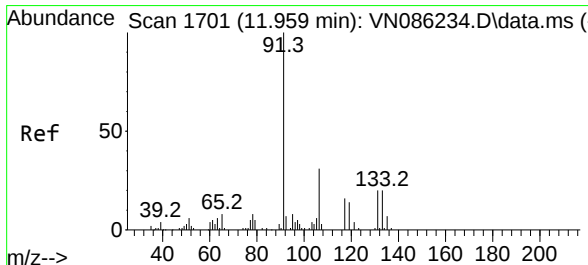
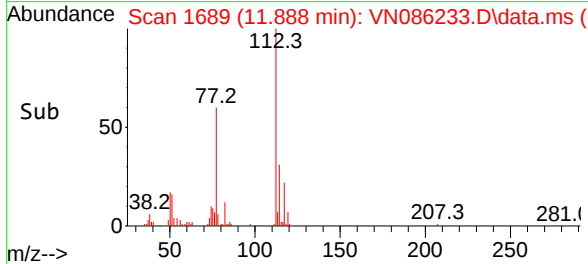
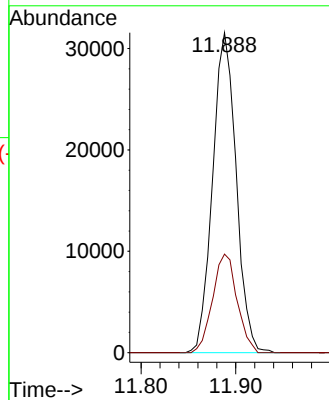
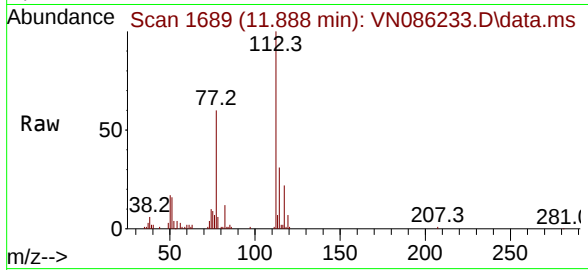




#65
Chlorobenzene
Concen: 31.784 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

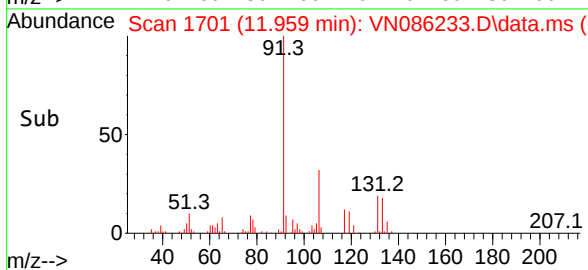
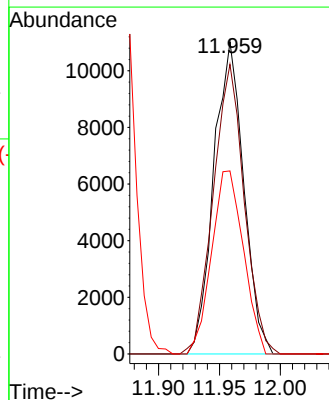
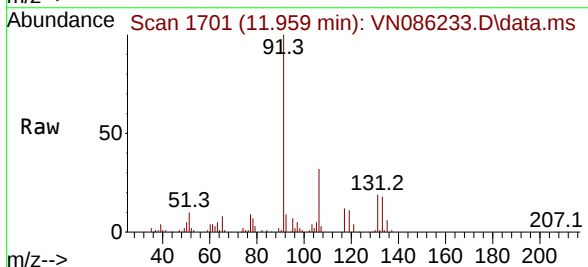
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

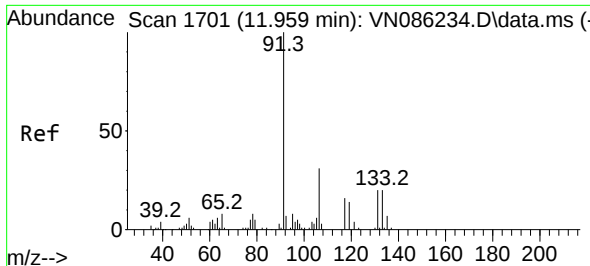
Tgt Ion:112 Resp: 54622
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 30.766 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion:131 Resp: 18824
Ion Ratio Lower Upper
131 100
133 96.2 49.0 147.0
119 62.4 32.5 97.5

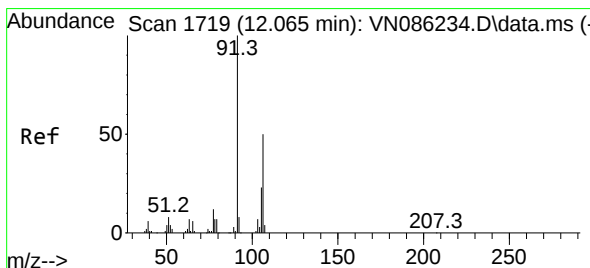
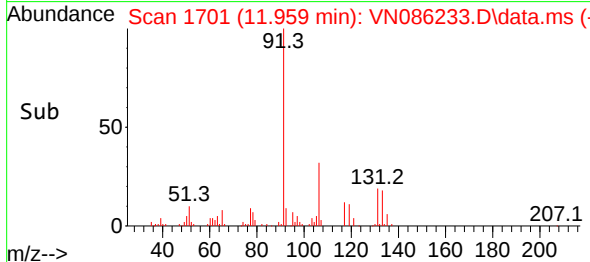
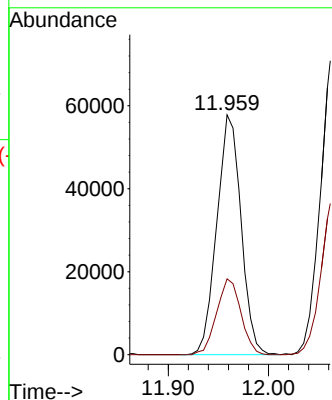
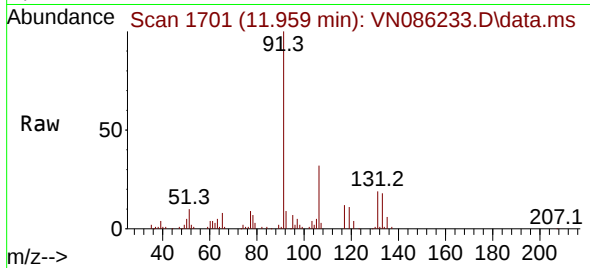




#67
Ethyl Benzene
Concen: 35.603 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

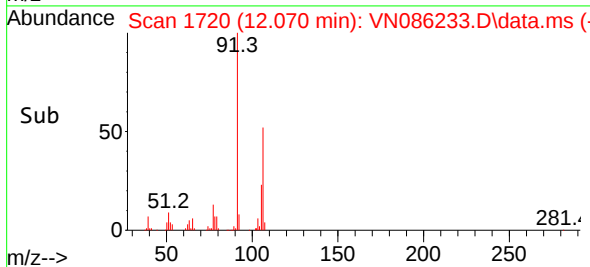
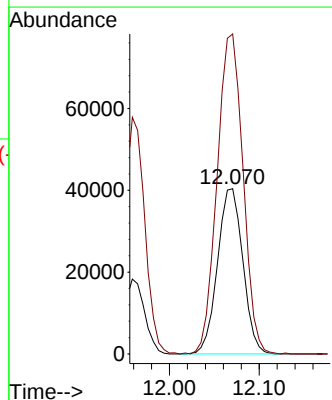
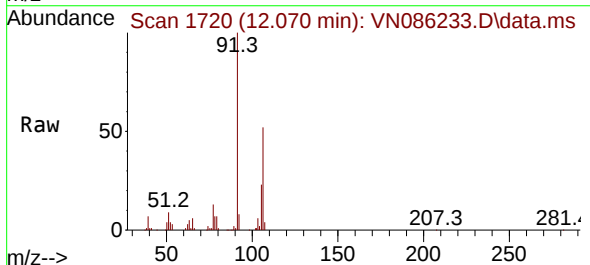
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

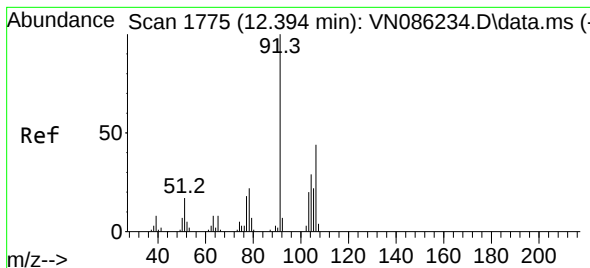
Tgt Ion: 91 Resp: 96997
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 76.007 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion:106 Resp: 79165
Ion Ratio Lower Upper
106 100
91 198.3 156.7 235.1





#69

o-Xylene

Concen: 35.199 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

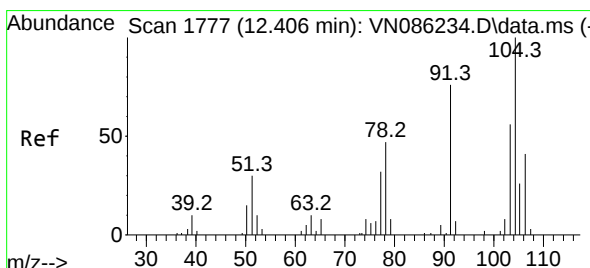
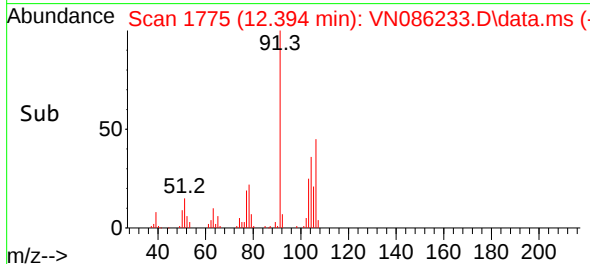
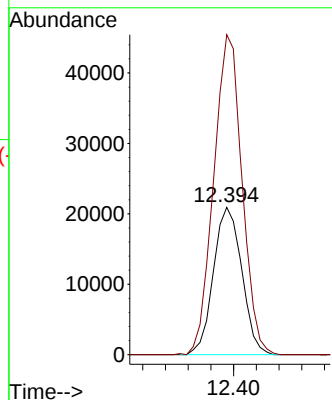
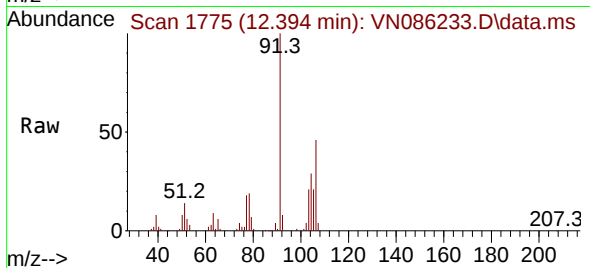
VSTDIC100

Tgt Ion:106 Resp: 36240

Ion Ratio Lower Upper

106 100

91 217.3 109.0 327.0



#70

Styrene

Concen: 36.077 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

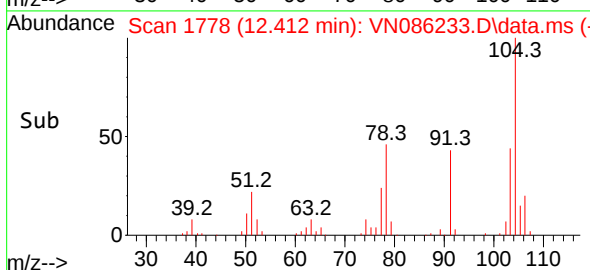
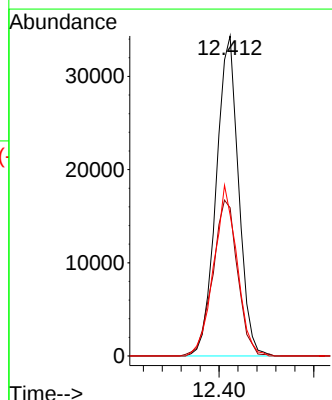
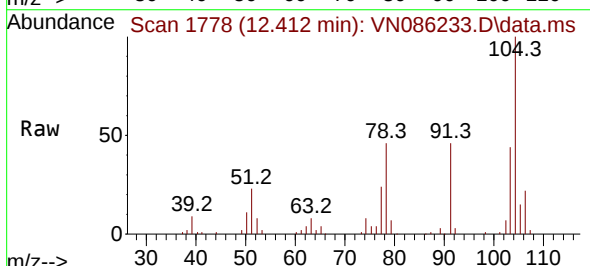
Tgt Ion:104 Resp: 56411

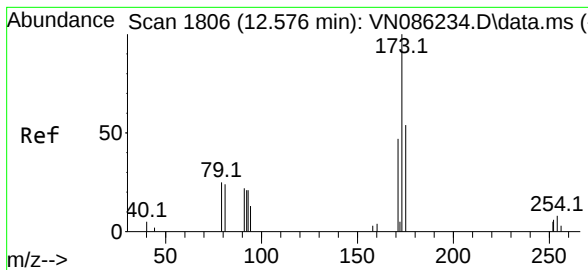
Ion Ratio Lower Upper

104 100

78 54.1 43.0 64.4

103 55.3 44.3 66.5

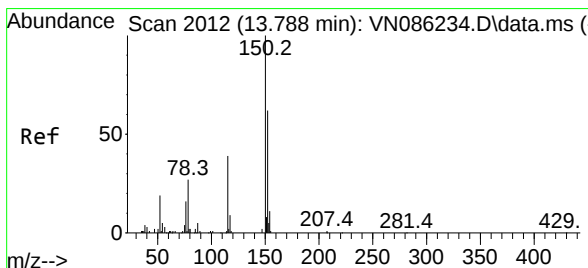
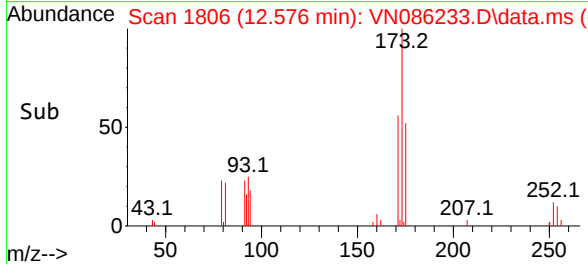
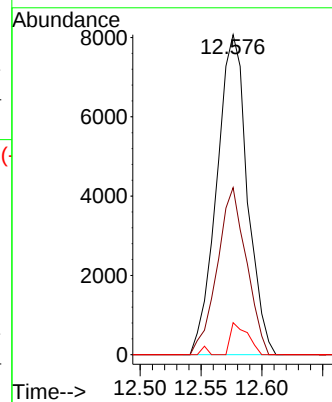
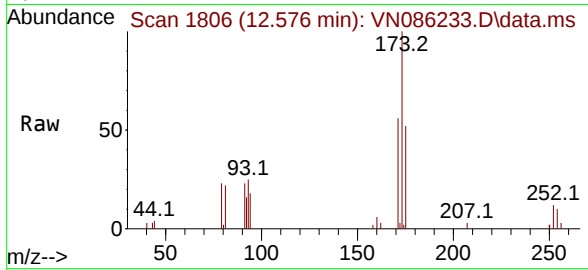




#71
Bromoform
Concen: 31.168 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

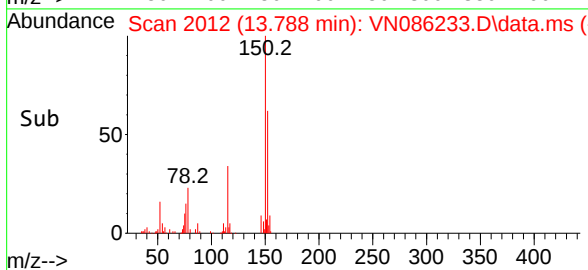
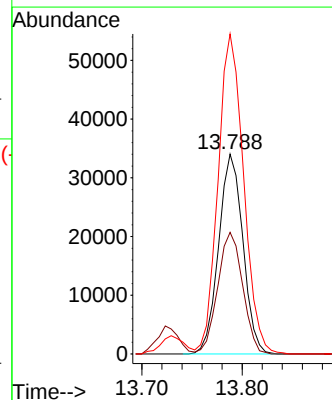
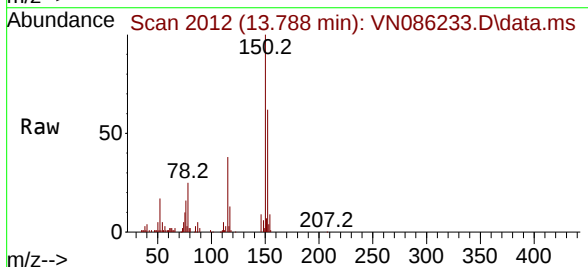
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

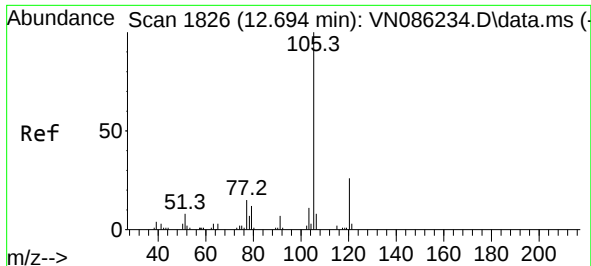
Tgt Ion:173 Resp: 14100
Ion Ratio Lower Upper
173 100
175 49.8 24.8 74.3
254 5.6 6.3 9.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion:152 Resp: 57145
Ion Ratio Lower Upper
152 100
115 62.5 31.2 93.6
150 168.7 0.0 333.2

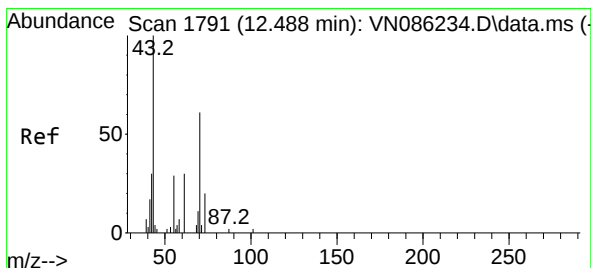
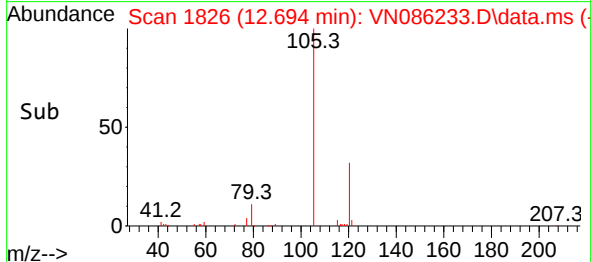
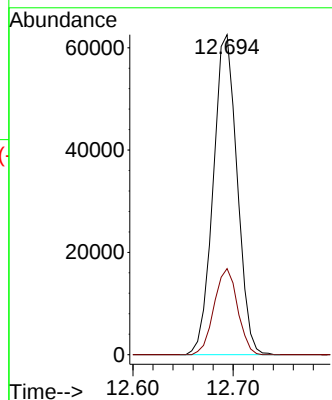
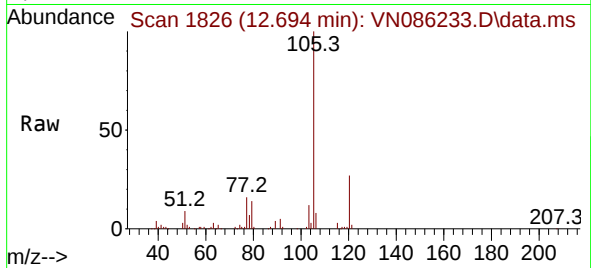




#73
Isopropylbenzene
Concen: 39.630 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

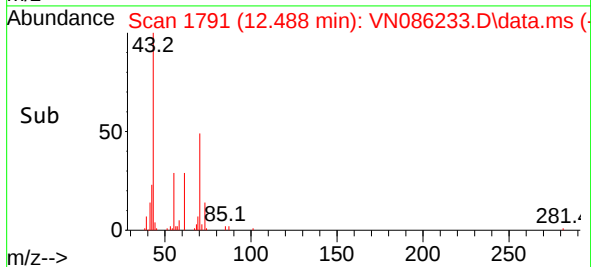
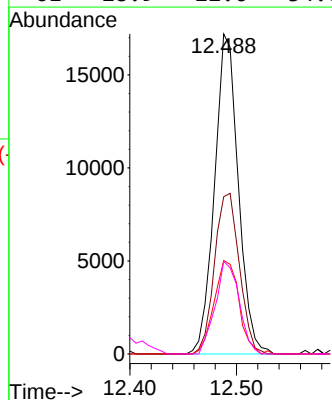
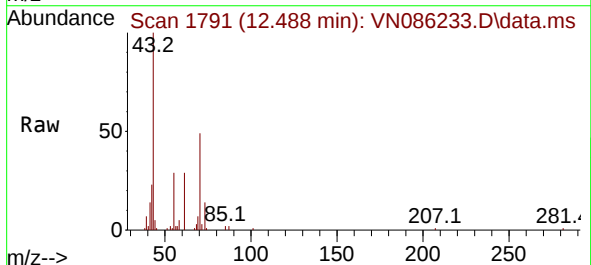
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

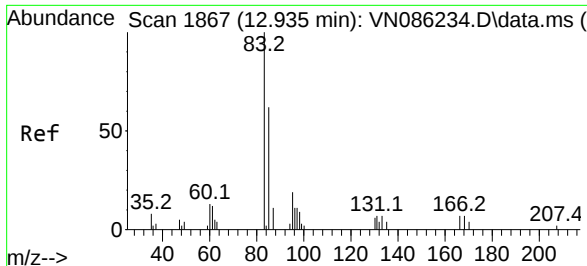
Tgt Ion:105 Resp: 103660
Ion Ratio Lower Upper
105 100
120 26.3 12.7 38.0



#74
N-ethyl acetate
Concen: 33.577 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 43 Resp: 26647
Ion Ratio Lower Upper
43 100
70 52.3 43.5 65.3
55 30.7 24.8 37.2
61 28.9 22.6 34.0

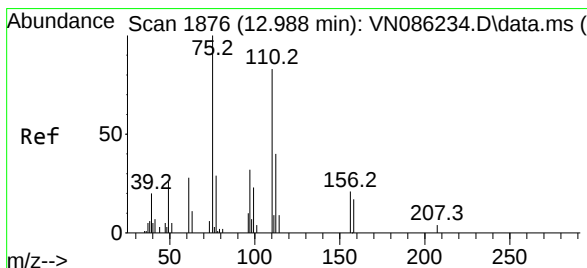
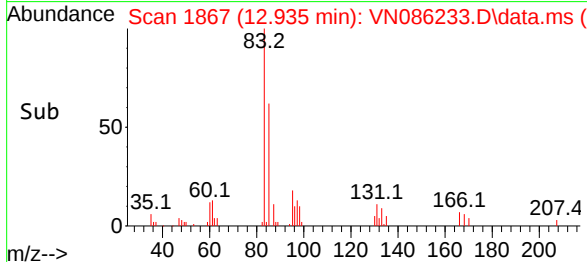
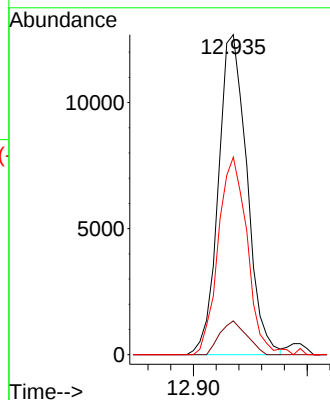
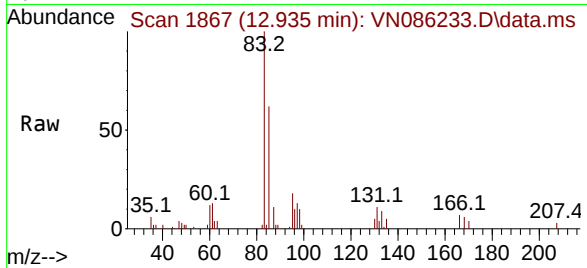




#75
1,1,2,2-Tetrachloroethane
Concen: 28.101 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

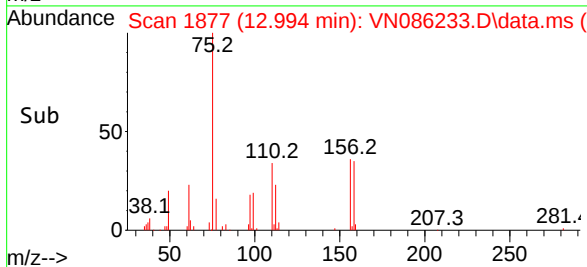
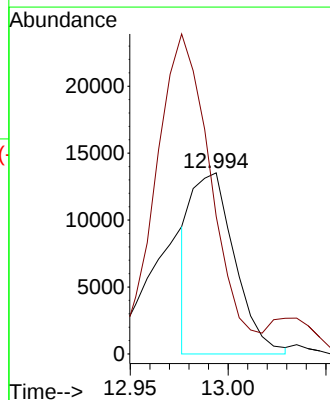
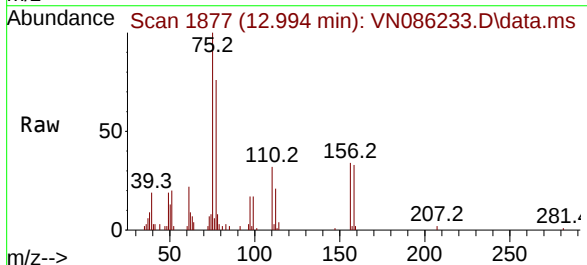
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

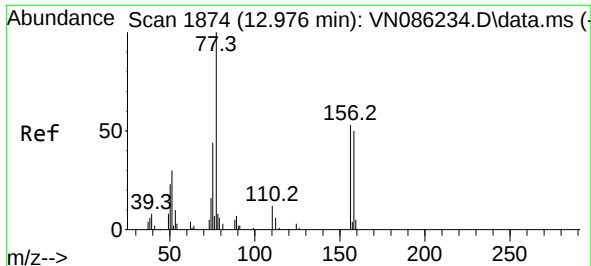
Tgt Ion: 83 Resp: 22152
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 62.6 29.6 88.9



#76
1,2,3-Trichloropropane
Concen: 23.731 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 75 Resp: 20976
Ion Ratio Lower Upper
75 100
77 226.3 85.4 256.1

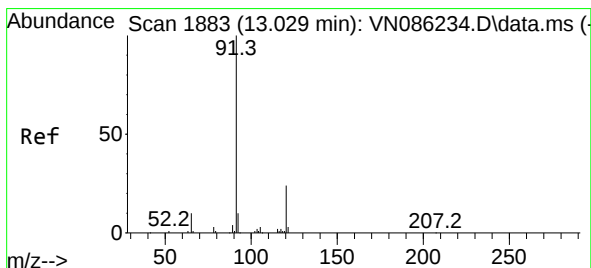
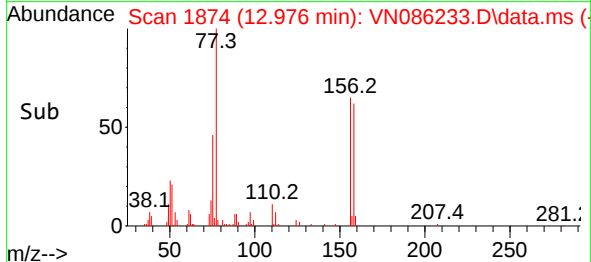
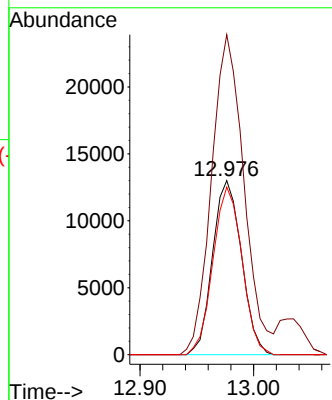
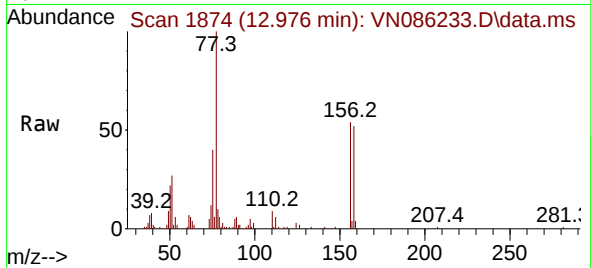




#77
Bromobenzene
Concen: 33.504 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

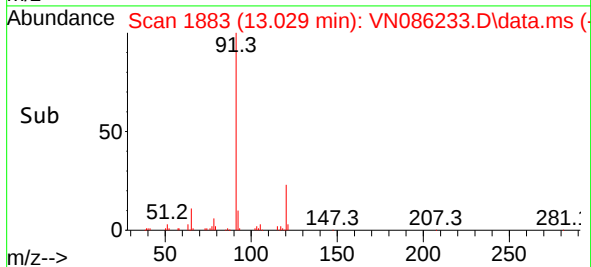
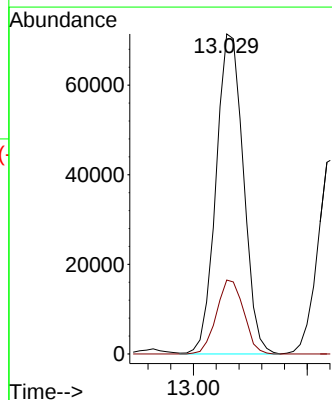
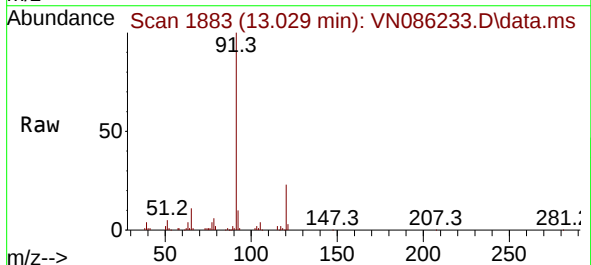
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

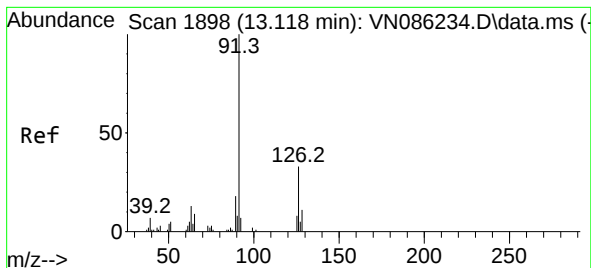
Tgt Ion:156 Resp: 23036
Ion Ratio Lower Upper
156 100
77 206.0 108.3 325.0
158 96.3 49.1 147.4



#78
n-propylbenzene
Concen: 40.851 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 91 Resp: 119511
Ion Ratio Lower Upper
91 100
120 22.9 11.2 33.5





#79

2-Chlorotoluene

Concen: 37.464 ug/l

RT: 13.123 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

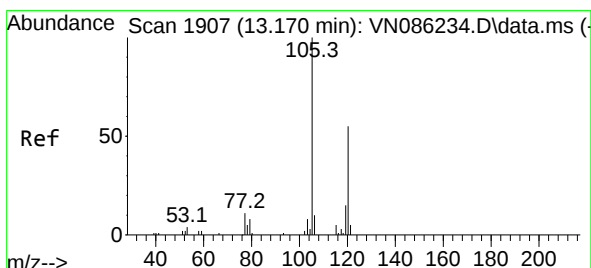
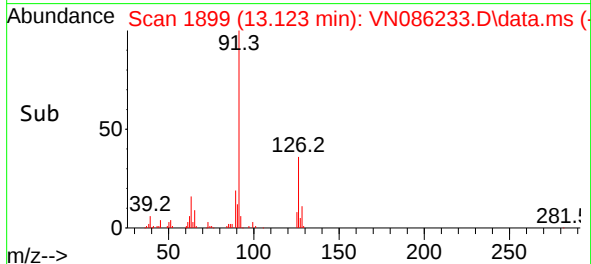
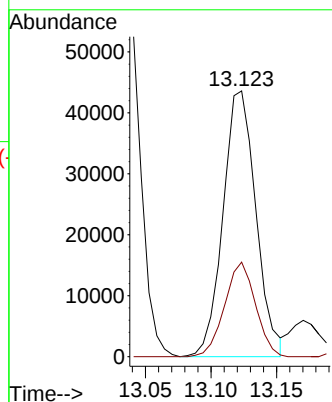
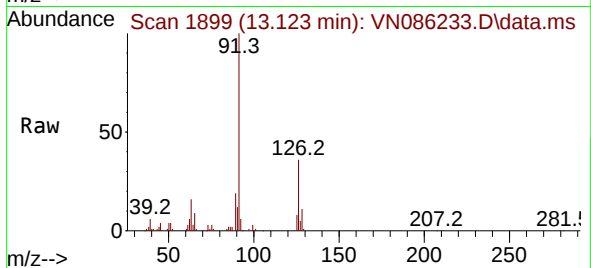
VSTDIC100

Tgt Ion: 91 Resp: 76200

Ion Ratio Lower Upper

91 100

126 33.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 41.657 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086233.D

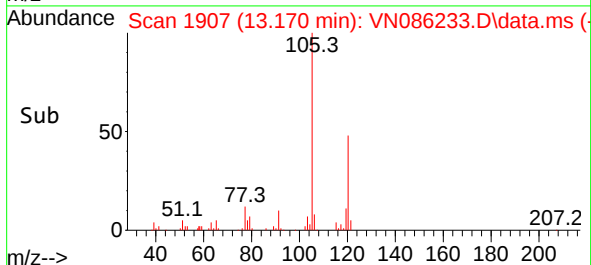
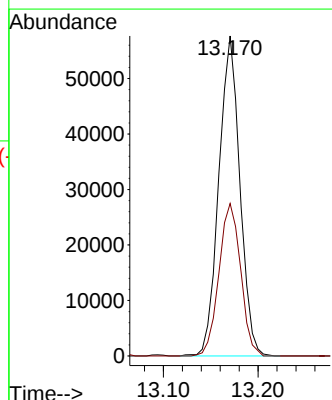
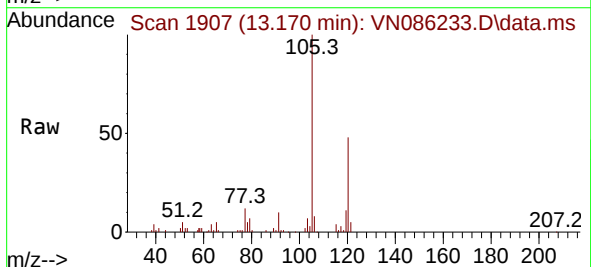
Acq: 07 Apr 2025 13:33

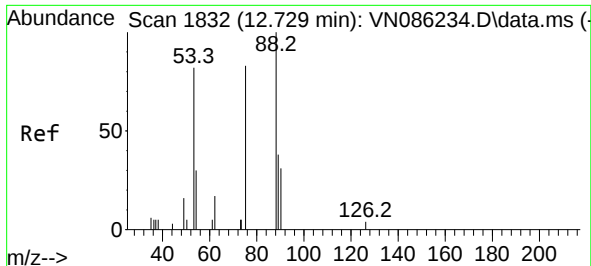
Tgt Ion: 105 Resp: 89151

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0

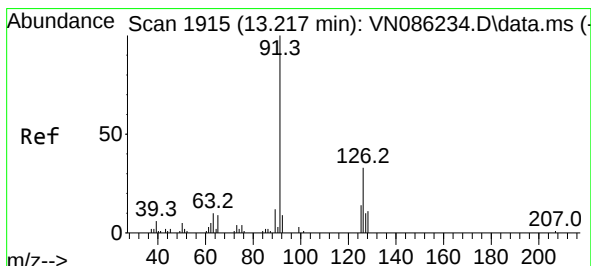
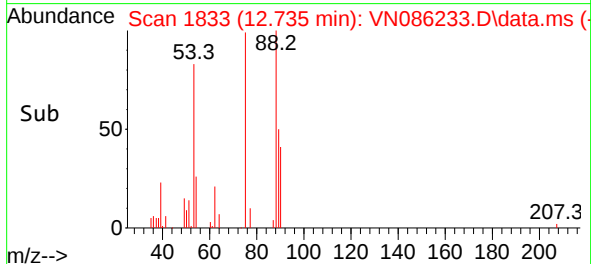
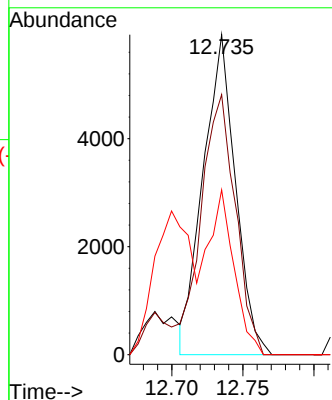
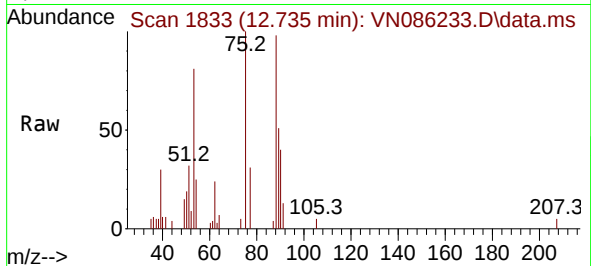




#81
trans-1,4-Dichloro-2-butene
Concen: 35.808 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

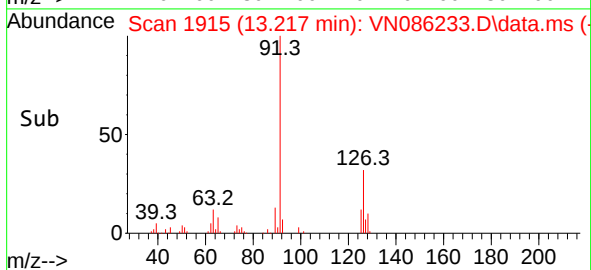
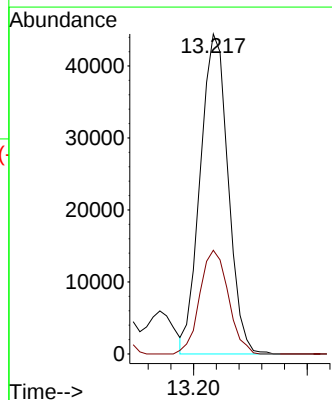
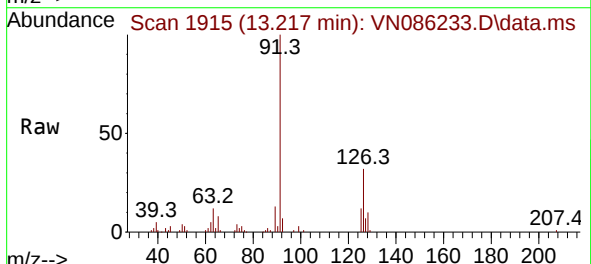
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

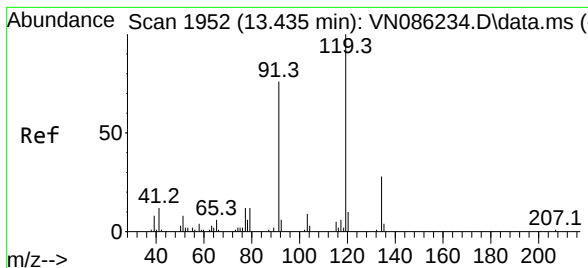
Tgt Ion: 75 Resp: 9353
Ion Ratio Lower Upper
75 100
53 87.3 71.9 107.9
89 41.9 36.4 54.6



#82
4-Chlorotoluene
Concen: 38.324 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 91 Resp: 75700
Ion Ratio Lower Upper
91 100
126 33.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 41.010 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

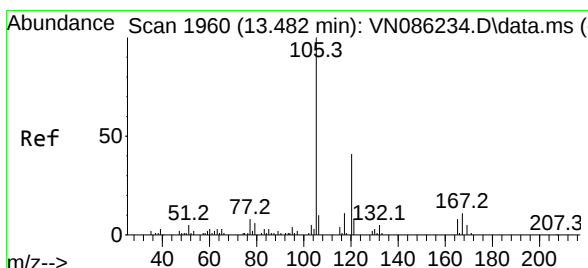
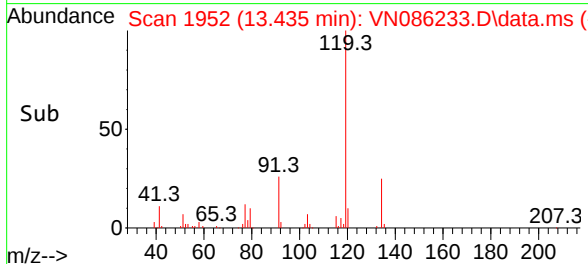
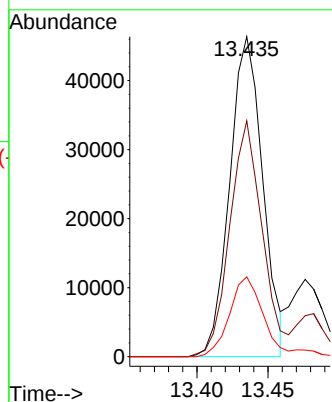
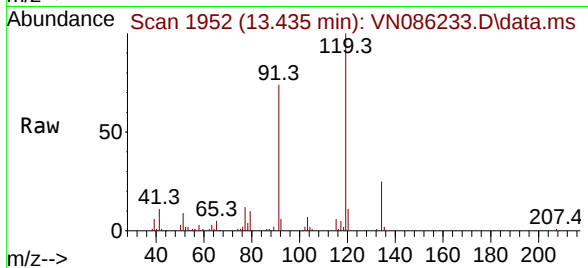
Tgt Ion:119 Resp: 75022

Ion Ratio Lower Upper

119 100

91 72.8 35.9 107.5

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 43.306 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086233.D

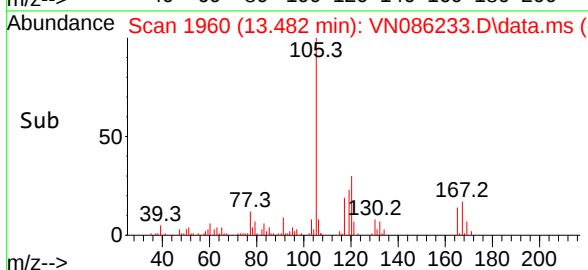
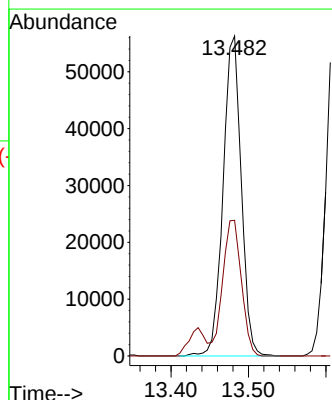
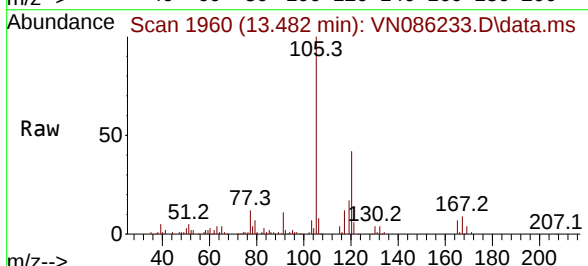
Acq: 07 Apr 2025 13:33

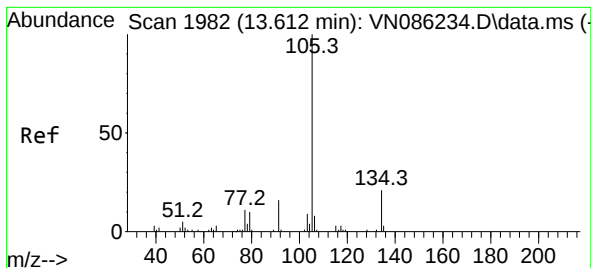
Tgt Ion:105 Resp: 91738

Ion Ratio Lower Upper

105 100

120 44.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 41.838 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

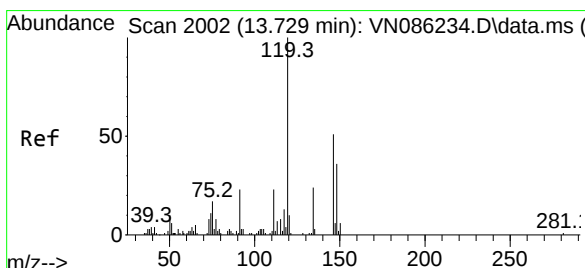
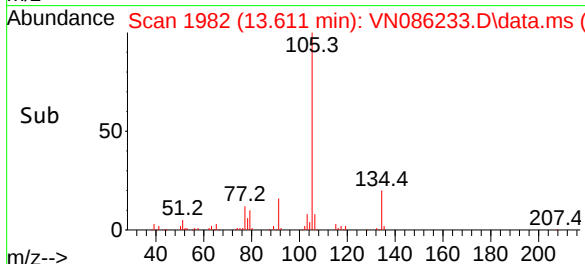
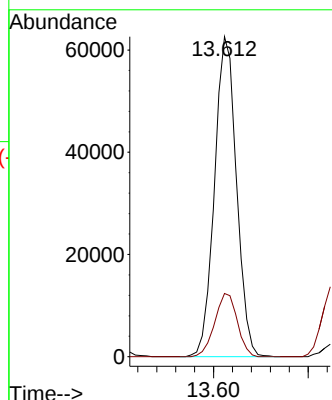
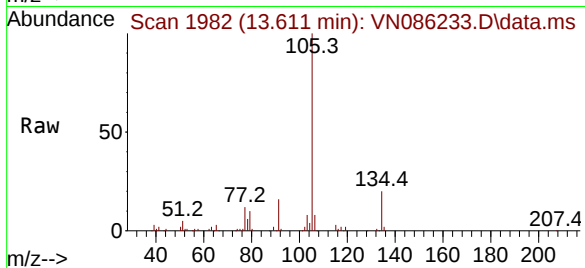
VSTDIC100

Tgt Ion:105 Resp: 101016

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 42.511 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

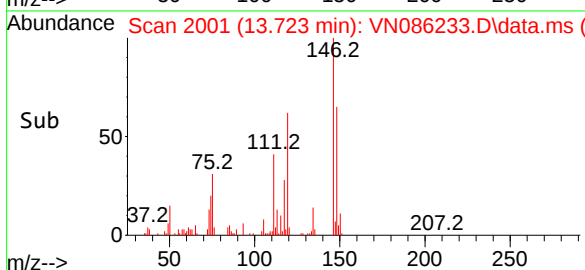
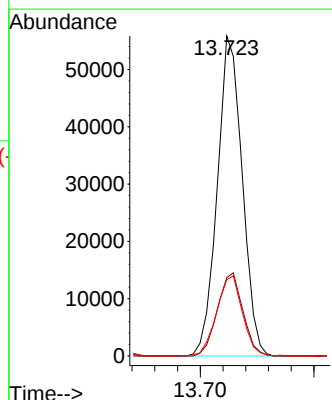
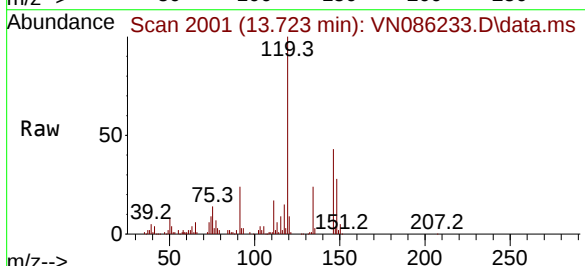
Tgt Ion:119 Resp: 85145

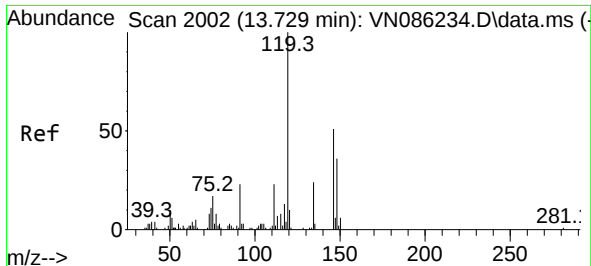
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 25.8 12.8 38.4

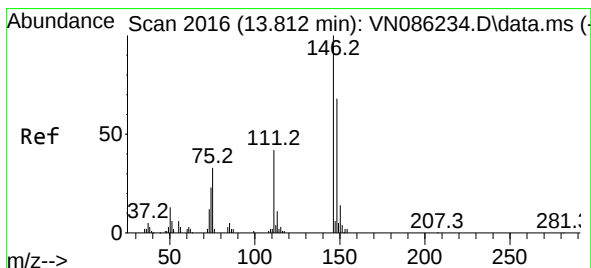
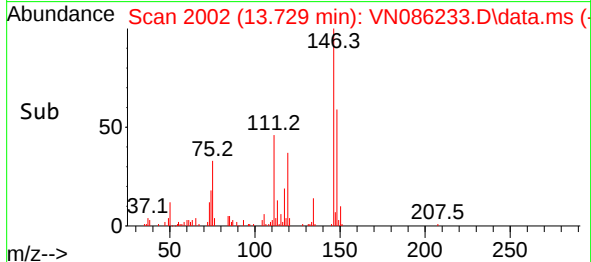
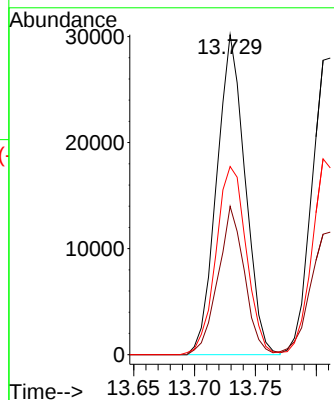
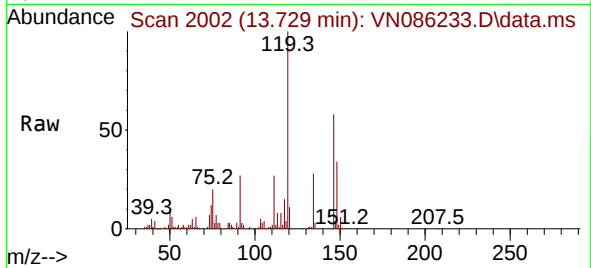




#87
 1,3-Dichlorobenzene
 Concen: 36.831 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086233.D
 Acq: 07 Apr 2025 13:33

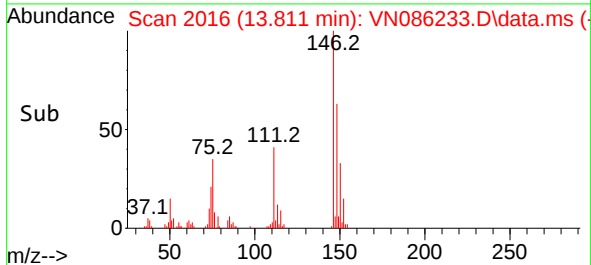
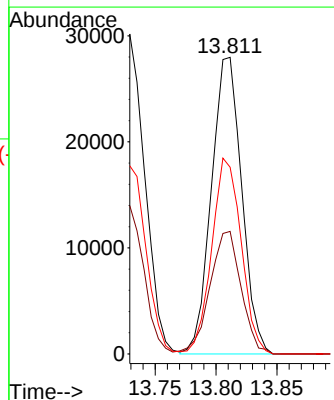
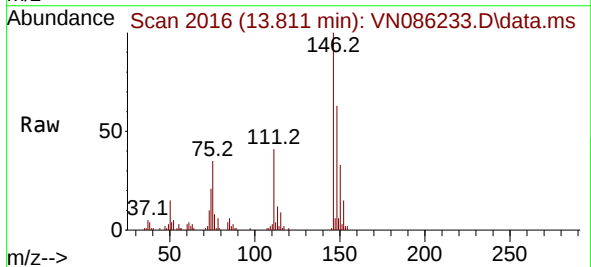
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

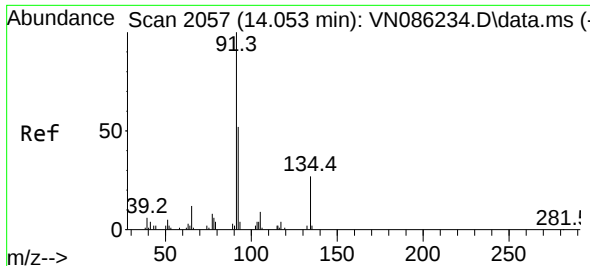
Tgt Ion:146 Resp: 49006
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 64.0
 148 63.1 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 35.590 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086233.D
 Acq: 07 Apr 2025 13:33

Tgt Ion:146 Resp: 48438
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.3 66.8
 148 64.3 33.4 100.2

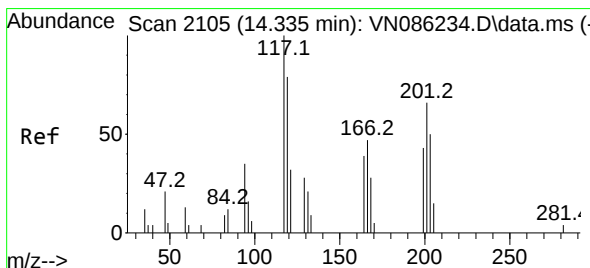
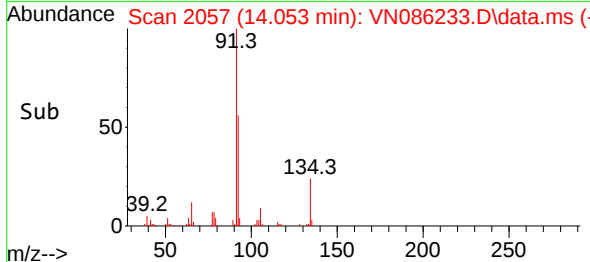
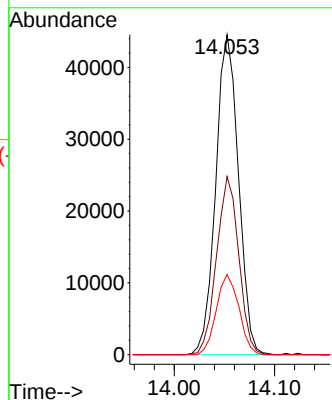
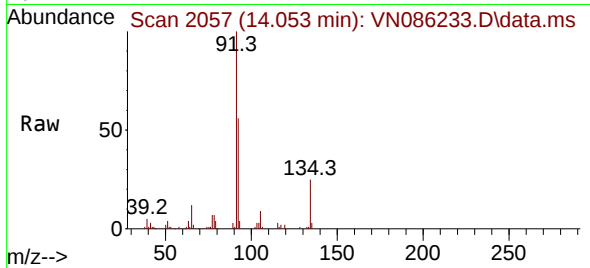




#89
n-Butylbenzene
Concen: 41.698 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

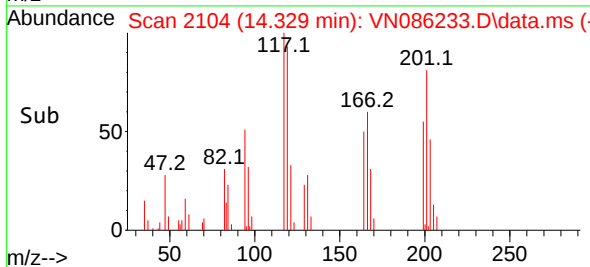
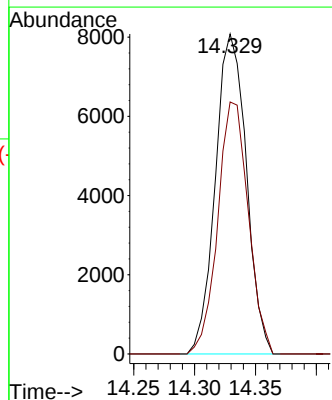
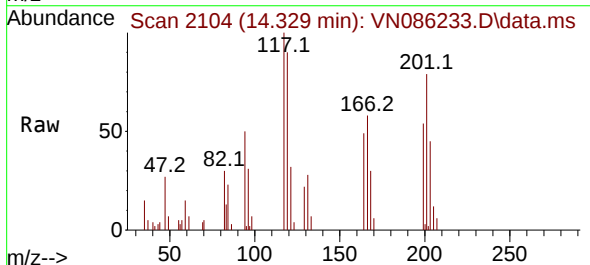
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

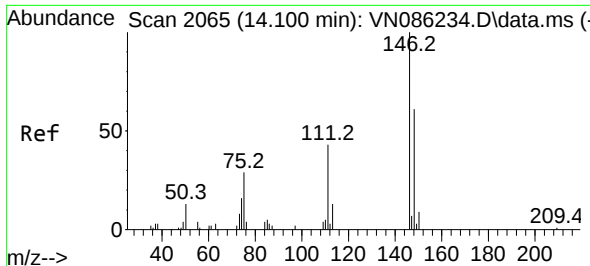
Tgt Ion: 91 Resp: 70181
Ion Ratio Lower Upper
91 100
92 54.3 25.1 75.4
134 24.8 13.4 40.1



#90
Hexachloroethane
Concen: 36.780 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion: 117 Resp: 14284
Ion Ratio Lower Upper
117 100
201 77.8 37.9 113.6





#91

1,2-Dichlorobenzene

Concen: 34.686 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

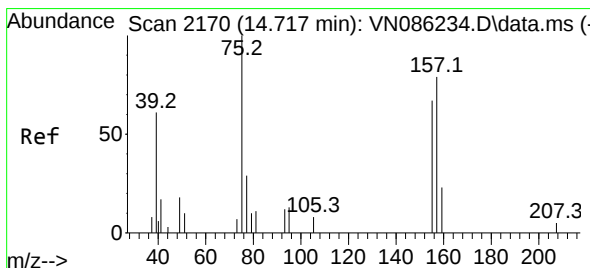
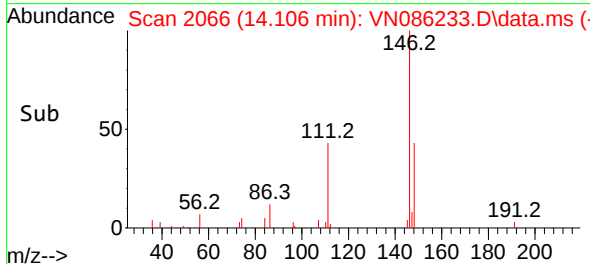
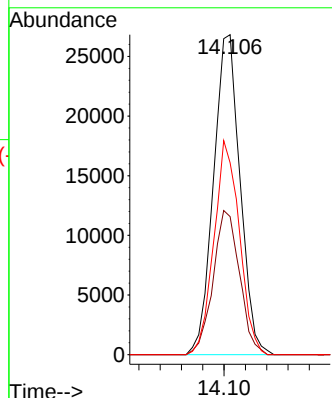
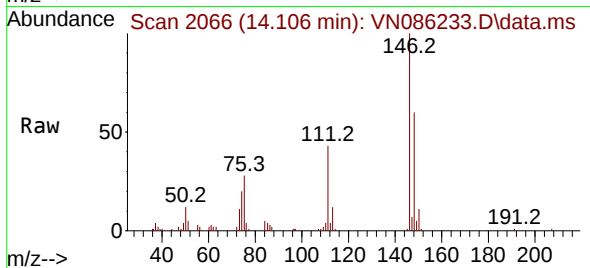
Tgt Ion:146 Resp: 46333

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.1

148 64.2 31.3 93.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 29.329 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

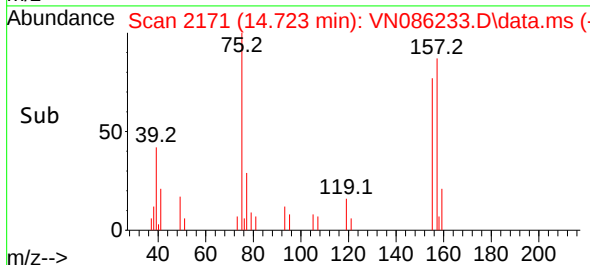
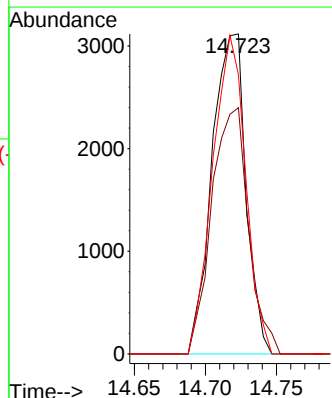
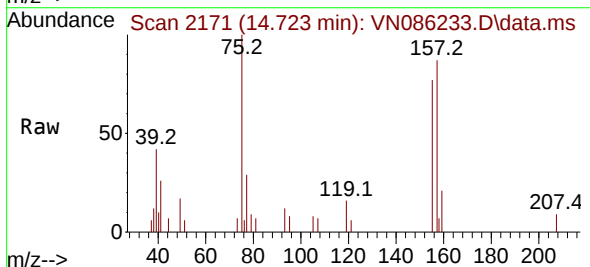
Tgt Ion: 75 Resp: 5168

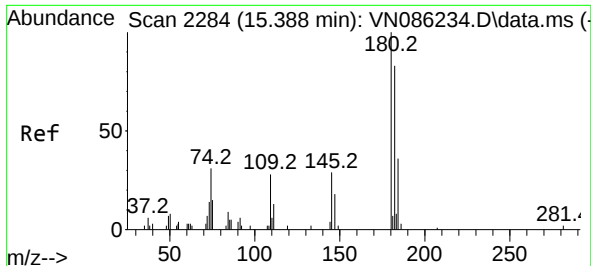
Ion Ratio Lower Upper

75 100

155 83.3 39.0 117.0

157 97.0 44.1 132.4

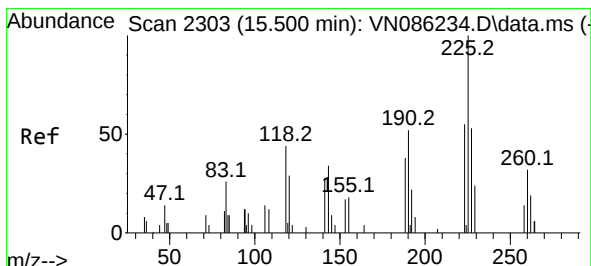
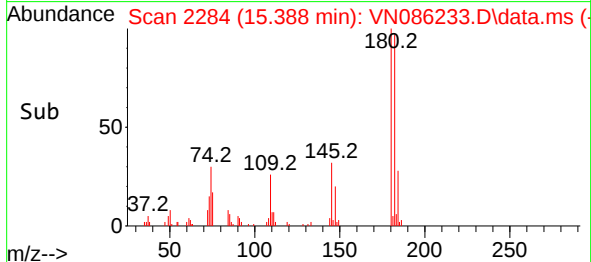
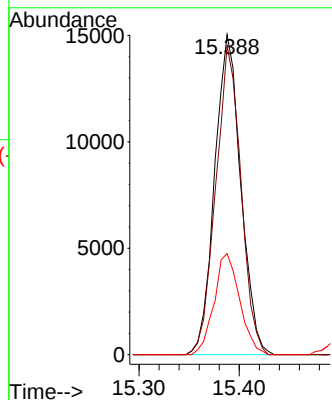
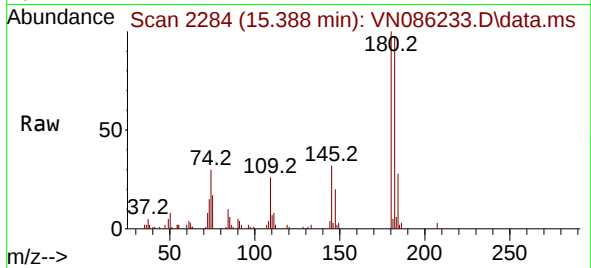




#93
1,2,4-Trichlorobenzene
Concen: 39.907 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

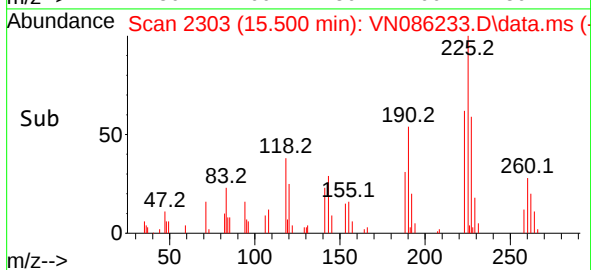
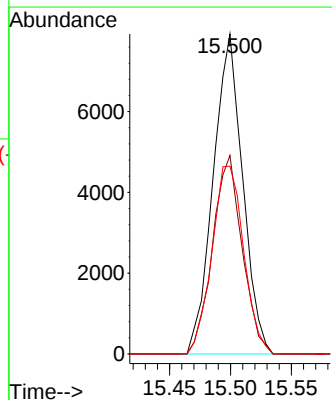
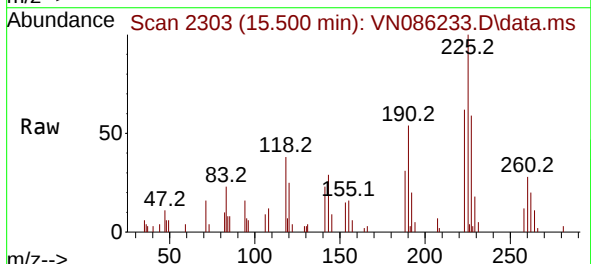
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

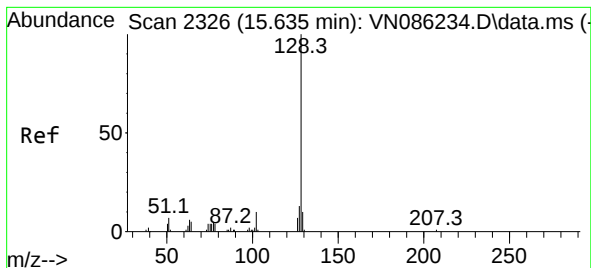
Tgt Ion:180 Resp: 27103
Ion Ratio Lower Upper
180 100
182 93.3 43.7 131.1
145 31.1 15.3 45.8



#94
Hexachlorobutadiene
Concen: 35.848 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086233.D
Acq: 07 Apr 2025 13:33

Tgt Ion:225 Resp: 13335
Ion Ratio Lower Upper
225 100
223 62.3 29.8 89.5
227 63.3 30.3 91.0





#95

Naphthalene

Concen: 39.953 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

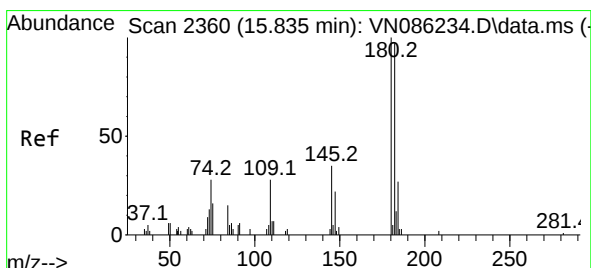
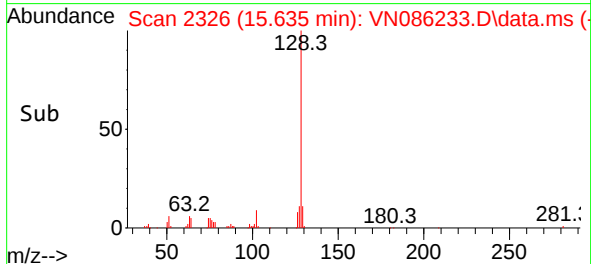
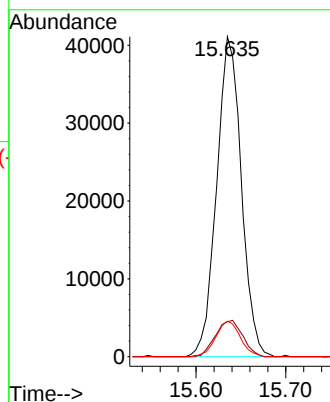
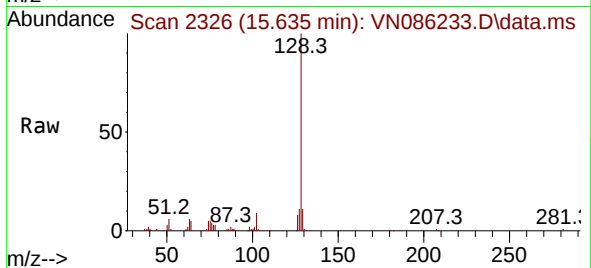
Tgt Ion:128 Resp: 78510

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 11.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 40.173 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086233.D

Acq: 07 Apr 2025 13:33

Tgt Ion:180 Resp: 26246

Ion Ratio Lower Upper

180 100

182 92.1 45.9 137.7

145 34.7 16.4 49.1

