

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
 Data File : VN086528.D
 Acq On : 07 May 2025 11:01
 Operator : JC\MD
 Sample : VSTDECC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDECC020

Quant Time: May 08 03:24:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	37360	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	216995	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	198839	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	99910	27.738	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.467%
60) 4-Bromofluorobenzene	12.847	95	112846	28.875	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.267%
63) Toluene-d8	10.565	98	321075	29.351	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.833%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53985	20.930	ug/l	99
3) Chloromethane	2.359	50	65054	17.756	ug/l	96
4) Vinyl Chloride	2.518	62	64179	18.289	ug/l	98
5) Bromomethane	2.965	94	38177	20.838	ug/l	99
6) Chloroethane	3.124	64	41609	17.786	ug/l	99
7) Trichlorofluoromethane	3.500	101	88752	21.427	ug/l	98
8) Diethyl Ether	3.959	74	34168	19.542	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	53784	21.121	ug/l	97
10) 1,1-Dichloroethene	4.341	96	51914	19.918	ug/l	98
11) Methyl Iodide	4.589	142	64640	21.196	ug/l	98
12) Methyl Acetate	5.024	43	62090	16.807	ug/l	98
13) Acrolein	4.183	56	32715	213.281	ug/l	98
14) Acrylonitrile	5.718	53	129782	94.393	ug/l	99
15) Acetone	4.430	58	32898	86.833	ug/l	94
16) Carbon Disulfide	4.712	76	134034	19.516	ug/l	100
17) Allyl chloride	5.024	41	74879	17.967	ug/l	98
18) Methylene Chloride	5.271	84	59885	20.176	ug/l	92
19) trans-1,2-Dichloroethene	5.783	96	55519	19.985	ug/l	98
20) Diisopropyl ether	6.665	45	177728	17.936	ug/l	97
21) 1,1-Dichloroethane	6.565	63	102960	18.982	ug/l	98
22) cis-1,2-Dichloroethene	7.482	96	69575	20.029	ug/l	92
23) tert-Butyl Alcohol	5.506	59	53790	100.991	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	188309	19.555	ug/l	98
25) Chloroform	7.965	83	107970	19.669	ug/l	96
26) Cyclohexane	8.253	56	86900	18.145	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	76991	20.126	ug/l	97
30) 2-Butanone	7.477	43	172553	92.932	ug/l	98
31) 2,2-Dichloropropane	7.488	77	97827	19.893	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	94185	20.604	ug/l	99
33) Carbon Tetrachloride	8.359	117	81922	21.769	ug/l	96
34) Benzene	8.600	78	241797	19.873	ug/l	95
35) Methacrylonitrile	7.777	41	38746	18.293	ug/l	92
36) 1,2-Dichloroethane	8.671	62	79391	20.097	ug/l	100
37) Trichloroethene	9.347	130	64201	21.077	ug/l	90
38) Methylcyclohexane	9.594	83	89174	20.184	ug/l	96
39) 1,2-Dichloropropane	9.618	63	57156	19.015	ug/l	98
40) Dibromomethane	9.706	93	41312	20.552	ug/l	93
41) Bromodichloromethane	9.882	83	85441	20.085	ug/l	98
42) Vinyl Acetate	6.600	43	633724	98.527	ug/l	98

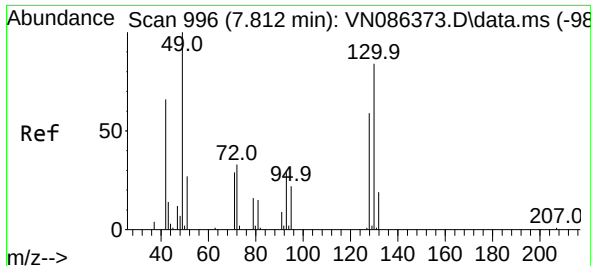
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	69949	19.036	ug/l	100
44) Isopropyl Acetate	8.682	43	130062	18.650	ug/l	100
45) 1,4-Dioxane	9.688	88	23810	437.588	ug/l	92
46) Methyl methacrylate	9.676	41	59173	18.395	ug/l	98
47) n-amyl Acetate	12.488	43	109148	18.363	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	91150	19.166	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	97650	19.471	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	58291	20.761	ug/l	96
51) Ethyl methacrylate	10.870	69	93251	19.070	ug/l	94
52) 1,3-Dichloropropane	11.159	76	99333	20.017	ug/l	99
53) Dibromochloromethane	11.353	129	65375	20.736	ug/l	100
54) 1,2-Dibromoethane	11.465	107	58896	20.630	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	159859	69.532	ug/l	97
56) Bromoform	12.576	173	42168	20.611	ug/l #	99
58) 4-Methyl-2-Pentanone	10.441	43	361408	93.925	ug/l	99
59) 2-Hexanone	11.194	43	262377	92.531	ug/l	97
61) Tetrachloroethene	11.100	164	67183	22.153	ug/l	95
62) Toluene	10.629	91	270131	20.296	ug/l	98
64) Chlorobenzene	11.888	112	173125	20.876	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	59129	21.324	ug/l	99
66) Ethyl Benzene	11.959	91	301687	20.138	ug/l	100
67) m/p-Xylenes	12.065	106	233396	41.060	ug/l	100
68) o-Xylene	12.394	106	114679	20.605	ug/l	96
69) Styrene	12.406	104	186682	19.789	ug/l	99
70) Isopropylbenzene	12.694	105	283622	20.414	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	75591	20.664	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	104696	32.827	ug/l	43
73) Bromobenzene	12.976	156	69104	21.635	ug/l	90
74) n-propylbenzene	13.029	91	326678	19.787	ug/l	97
75) 2-Chlorotoluene	13.123	91	205084	19.899	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	231127	20.275	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	28398	17.545	ug/l	95
78) 4-Chlorotoluene	13.217	91	201932	19.596	ug/l	98
79) tert-butylbenzene	13.435	119	200195	20.505	ug/l	97
80) 1,2,4-Trimethylbenzene	13.476	105	230192	19.772	ug/l	96
81) sec-Butylbenzene	13.611	105	274496	19.696	ug/l	98
82) p-Isopropyltoluene	13.723	119	230453	19.762	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	121165	20.067	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	121794	20.416	ug/l	98
85) n-Butylbenzene	14.053	91	193640	18.609	ug/l	99
86) Hexachloroethane	14.329	117	35807	18.778	ug/l	94
87) 1,2-Dichlorobenzene	14.100	146	117423	20.439	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	14430	19.407	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	53911	20.589	ug/l	98
90) Hexachlorobutadiene	15.500	225	22568	21.397	ug/l	97
91) Naphthalene	15.635	128	181619	19.374	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	53911	20.589	ug/l	98

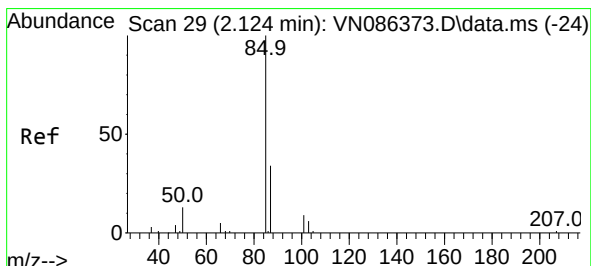
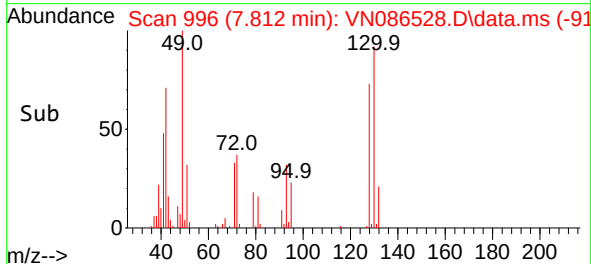
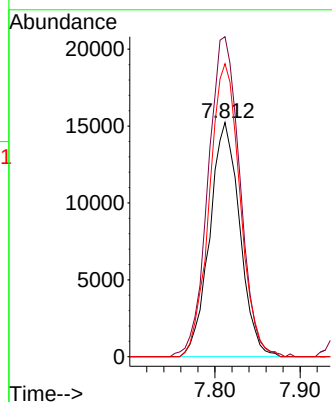
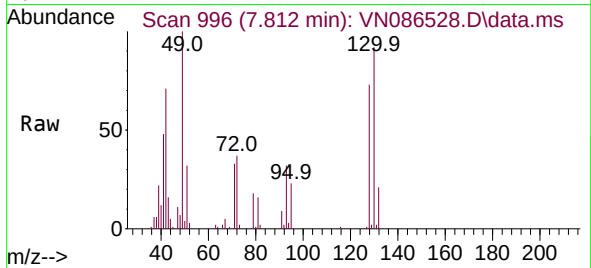
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

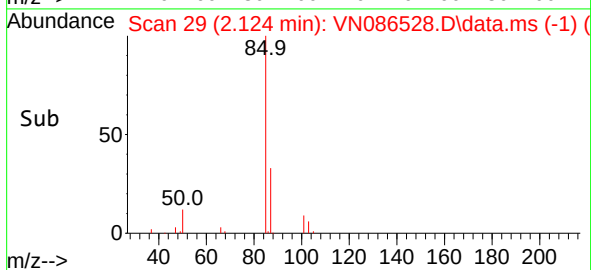
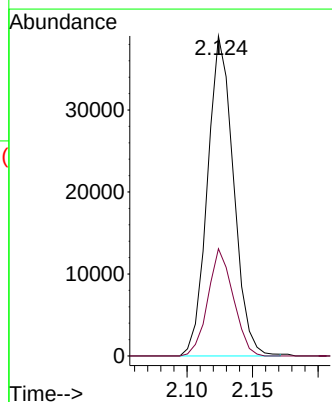
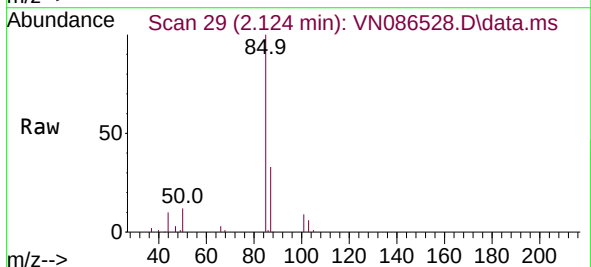
Instrument :
MSVOA_N
ClientSampleId :
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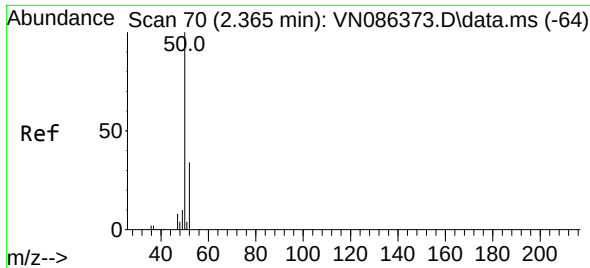
Tgt Ion:128 Resp: 37360
Ion Ratio Lower Upper
128 100
49 144.2 0.0 433.8
130 127.5 0.0 325.0



#2
Dichlorodifluoromethane
Concen: 20.930 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 85 Resp: 53985
Ion Ratio Lower Upper
85 100
87 33.5 17.0 50.9

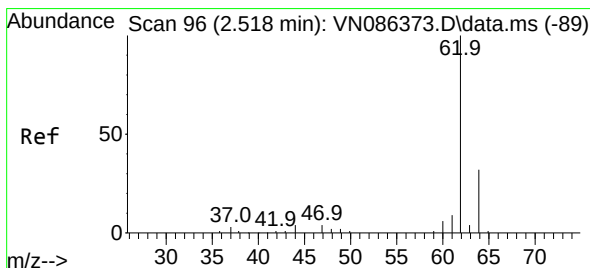
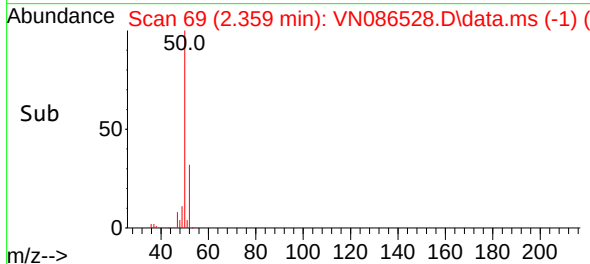
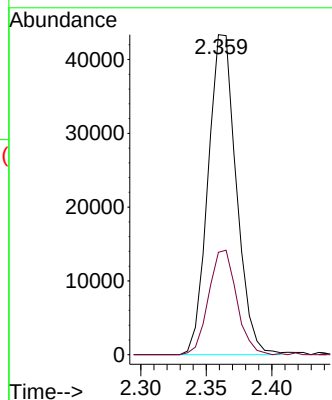
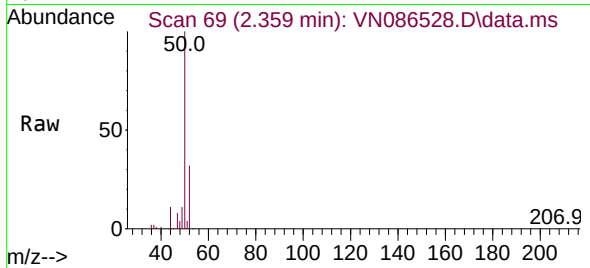




#3
Chloromethane
Concen: 17.756 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

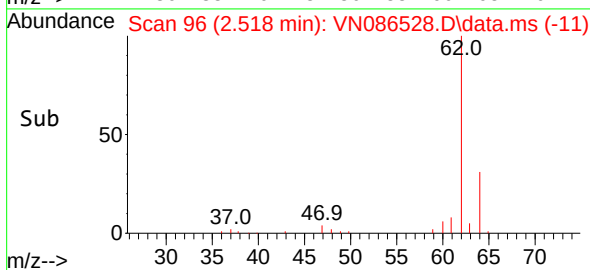
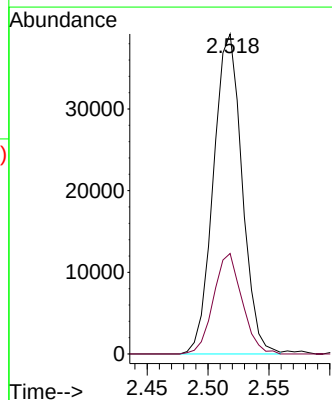
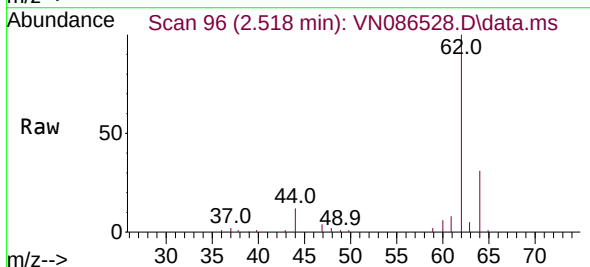
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

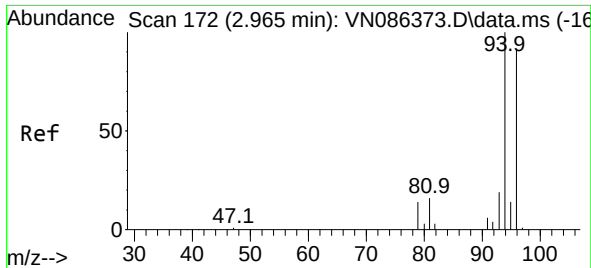
Tgt Ion: 50 Resp: 65054
Ion Ratio Lower Upper
50 100
52 32.0 27.3 40.9



#4
Vinyl Chloride
Concen: 18.289 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 62 Resp: 64179
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.8

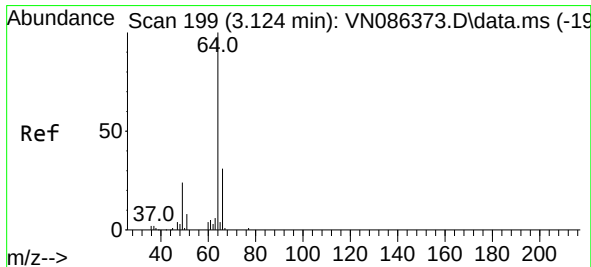
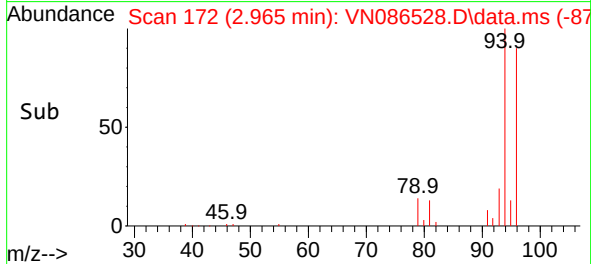
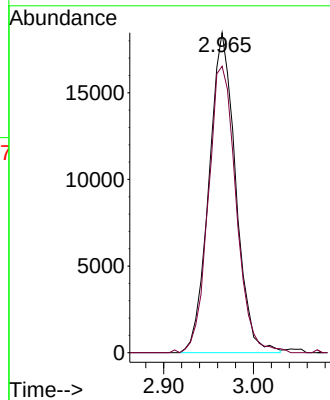
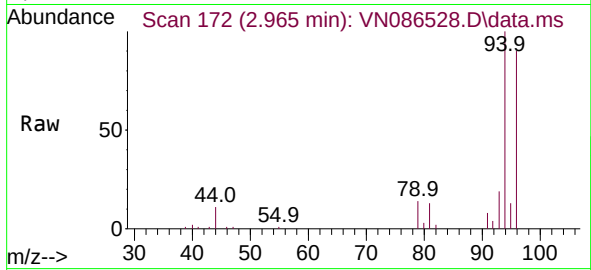




#5
Bromomethane
Concen: 20.838 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

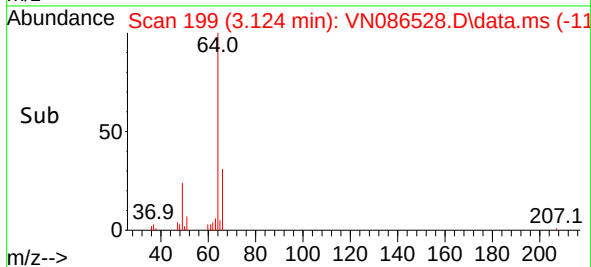
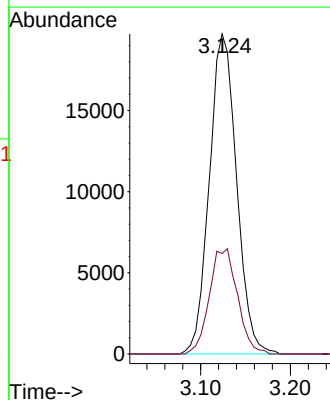
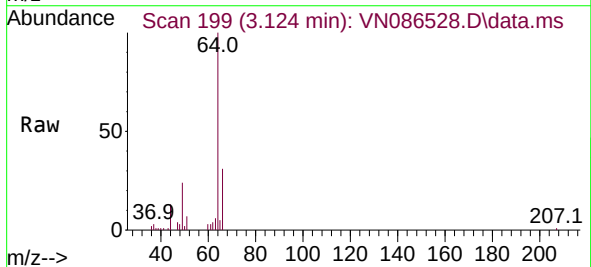
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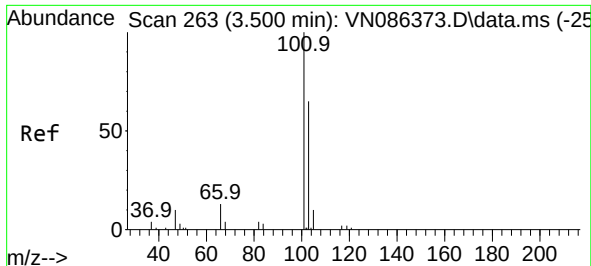
Tgt Ion: 94 Resp: 38177
Ion Ratio Lower Upper
94 100
96 89.5 72.4 108.6



#6
Chloroethane
Concen: 17.786 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 64 Resp: 41609
Ion Ratio Lower Upper
64 100
66 31.4 24.5 36.7

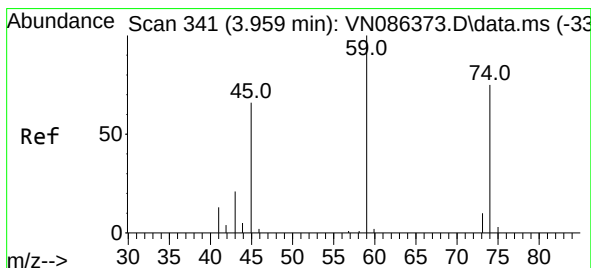
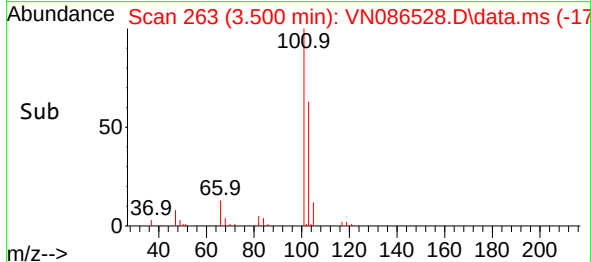
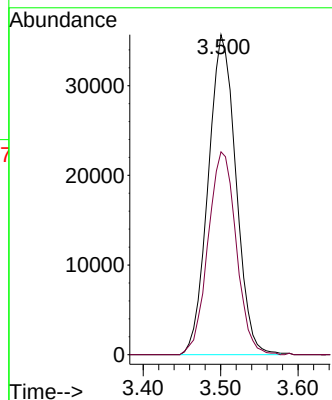
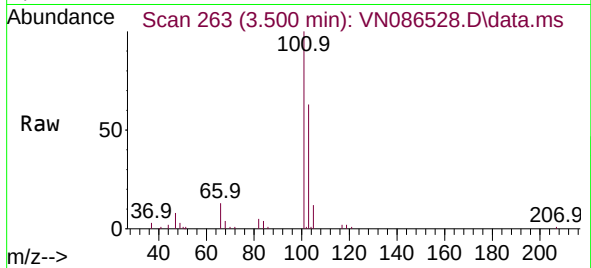




#7
 Trichlorofluoromethane
 Concen: 21.427 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

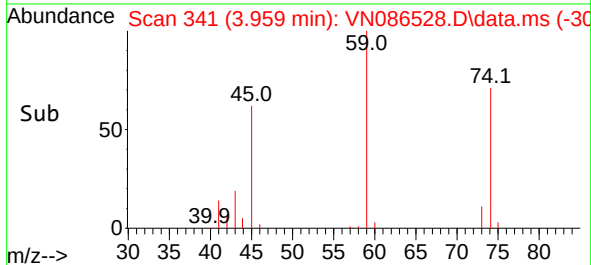
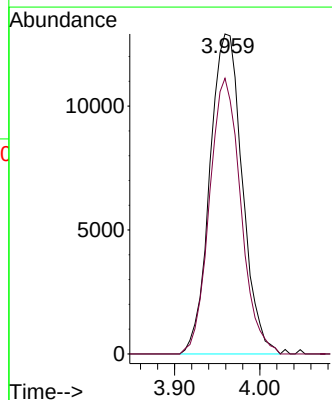
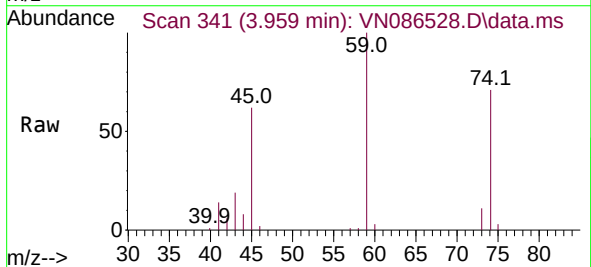
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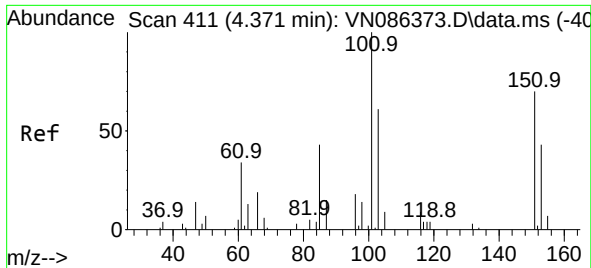
Tgt Ion:101 Resp: 88752
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.8 77.6



#8
 Diethyl Ether
 Concen: 19.542 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

Tgt Ion: 74 Resp: 34168
 Ion Ratio Lower Upper
 74 100
 45 83.1 18.5 166.3

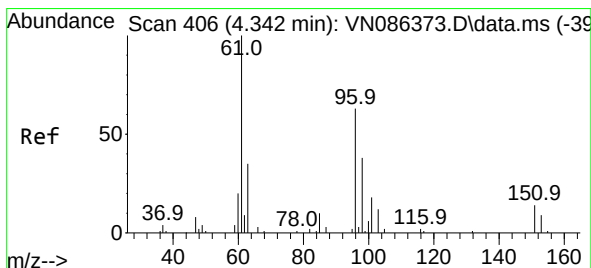
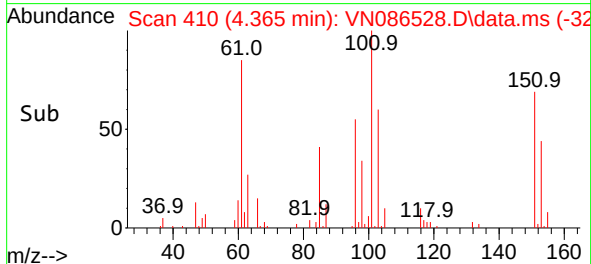
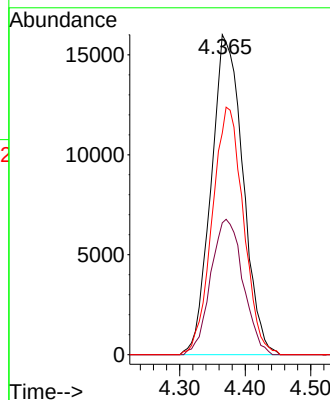
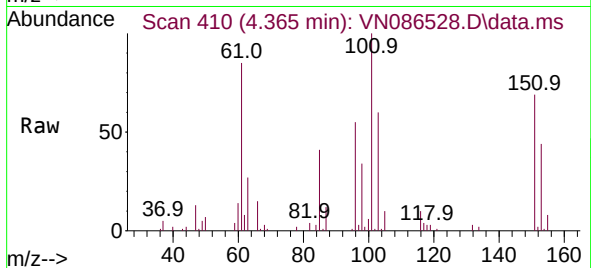




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.121 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

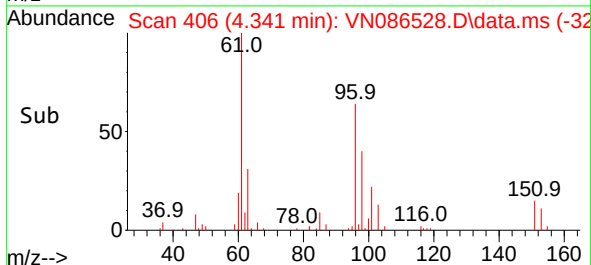
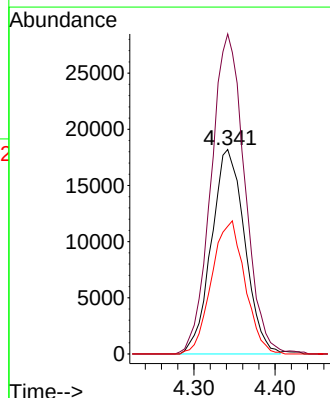
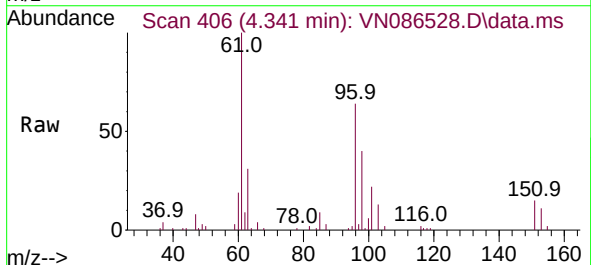
Instrument :
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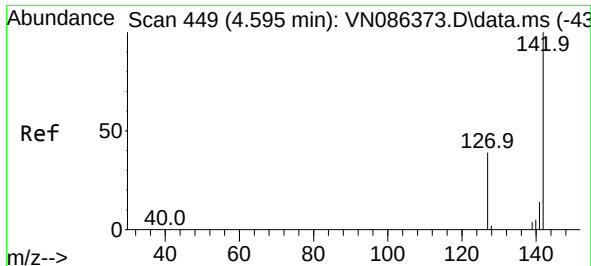
Tgt Ion:101 Resp: 53784
Ion Ratio Lower Upper
101 100
85 43.1 0.0 84.4
151 76.1 0.0 145.8



#10
1,1-Dichloroethene
Concen: 19.918 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 96 Resp: 51914
Ion Ratio Lower Upper
96 100
61 155.4 126.2 189.4
98 62.4 48.5 72.7

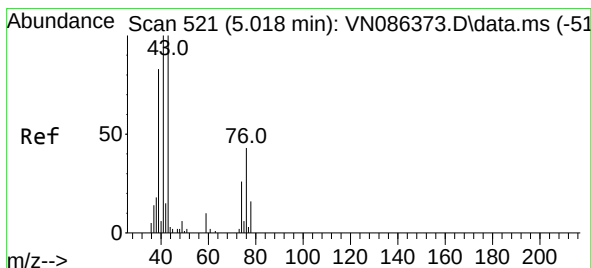
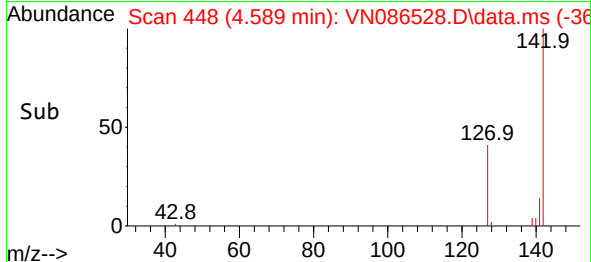
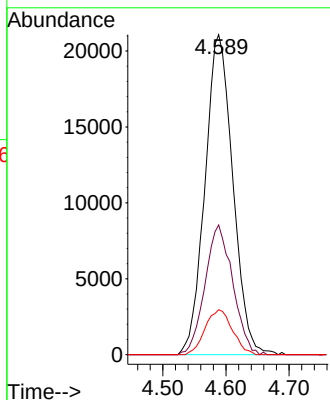
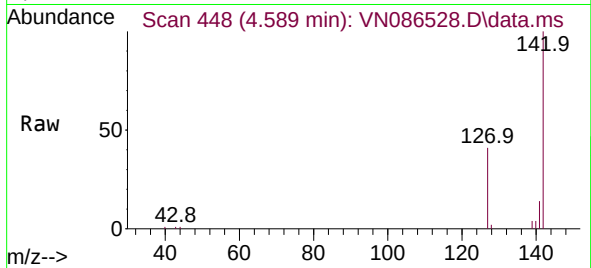




#11
Methyl Iodide
Concen: 21.196 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

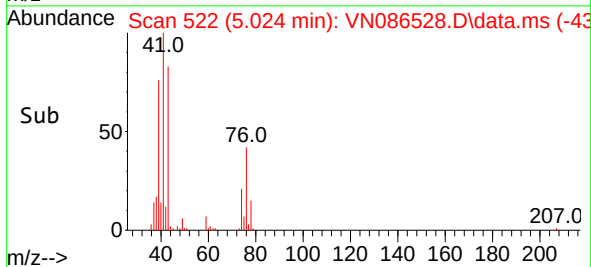
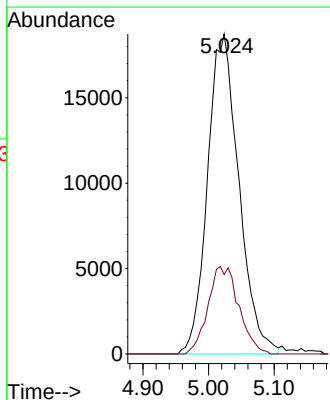
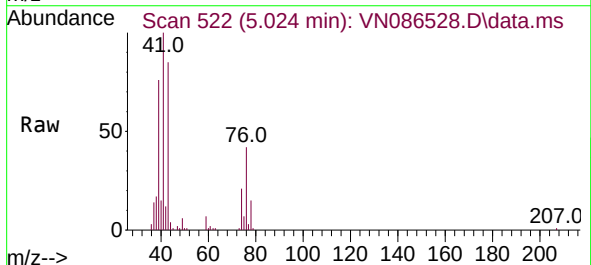
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

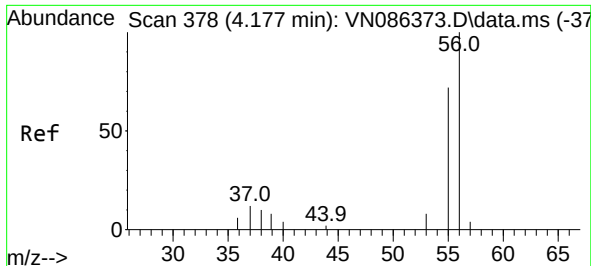
Tgt Ion:142 Resp: 64640
Ion Ratio Lower Upper
142 100
127 40.6 19.3 57.9
141 14.0 7.1 21.3



#12
Methyl Acetate
Concen: 16.807 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 43 Resp: 62090
Ion Ratio Lower Upper
43 100
74 25.1 20.8 31.2

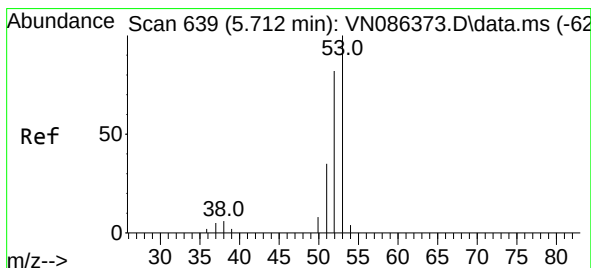
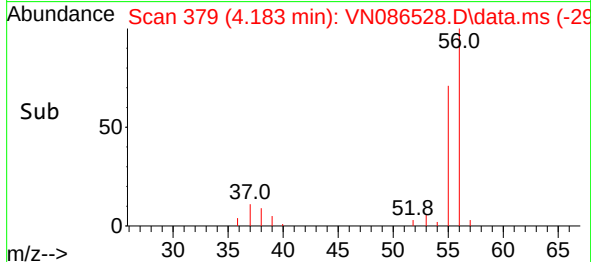
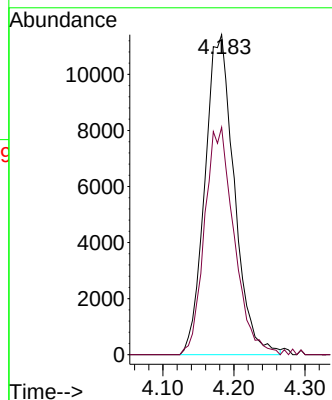
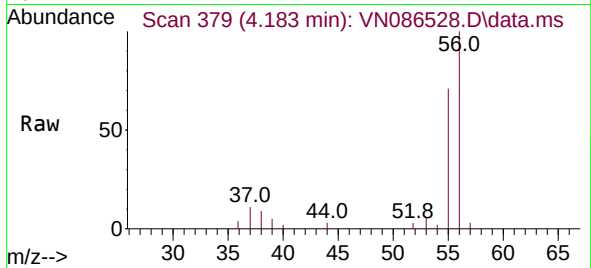




#13
Acrolein
Concen: 213.281 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

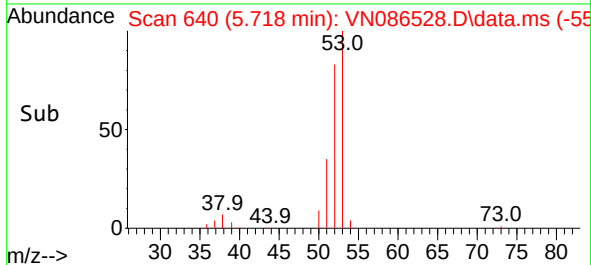
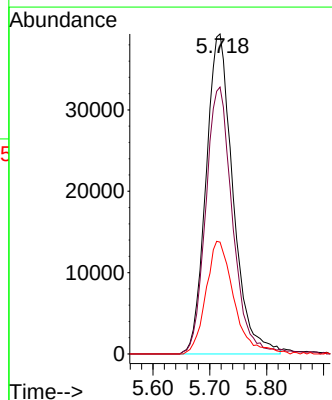
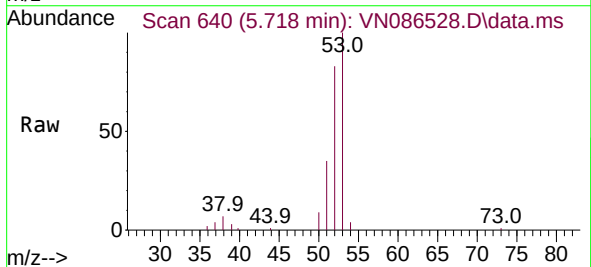
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

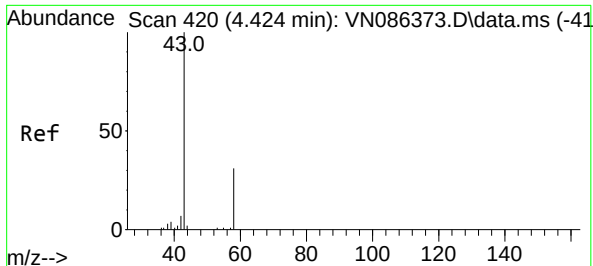
Tgt Ion: 56 Resp: 32715
Ion Ratio Lower Upper
56 100
55 71.7 56.1 84.1



#14
Acrylonitrile
Concen: 94.393 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 53 Resp: 129782
Ion Ratio Lower Upper
53 100
52 82.0 41.2 123.6
51 36.6 17.6 52.8





#15

Acetone

Concen: 86.833 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

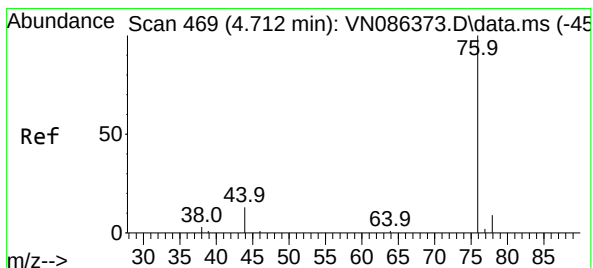
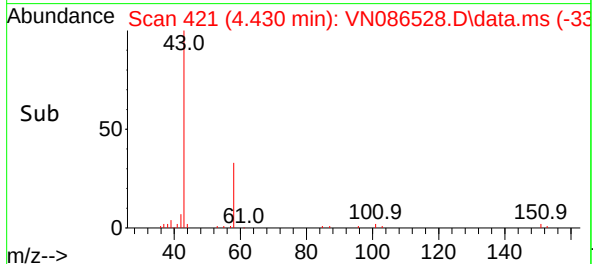
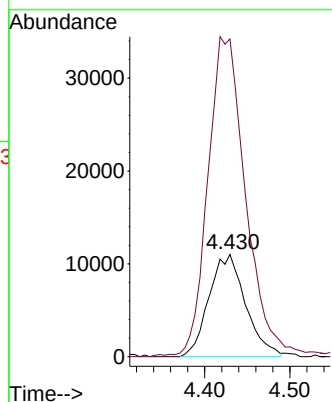
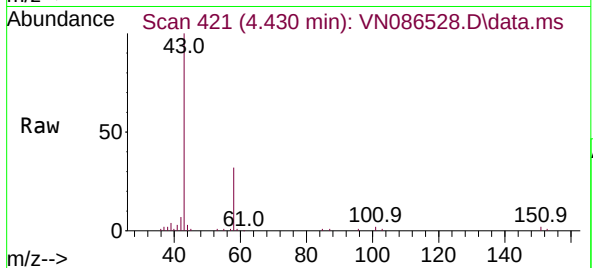
VSTDCCC020

Tgt Ion: 58 Resp: 32898

Ion Ratio Lower Upper

58 100

43 307.0 255.1 382.7



#16

Carbon Disulfide

Concen: 19.516 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086528.D

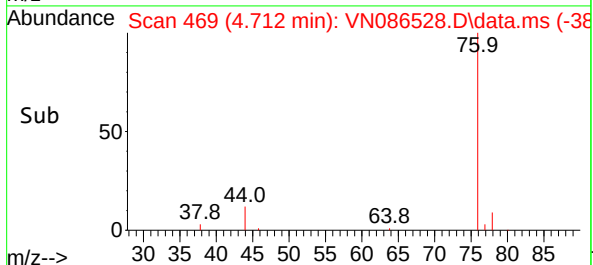
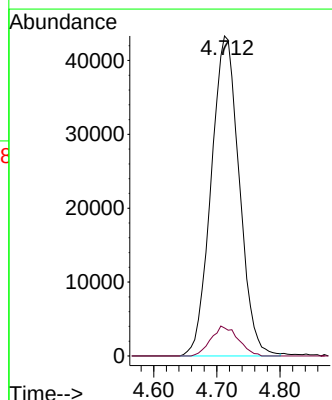
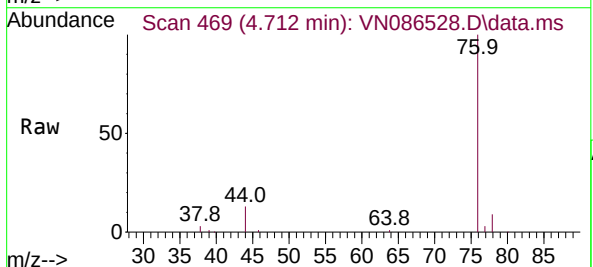
Acq: 07 May 2025 11:01

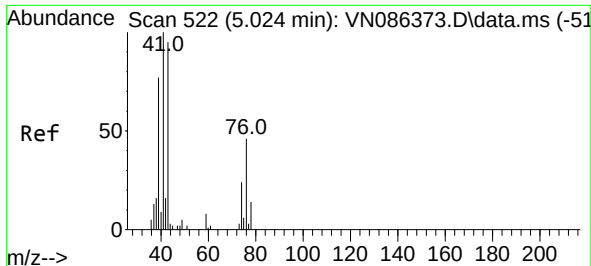
Tgt Ion: 76 Resp: 134034

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

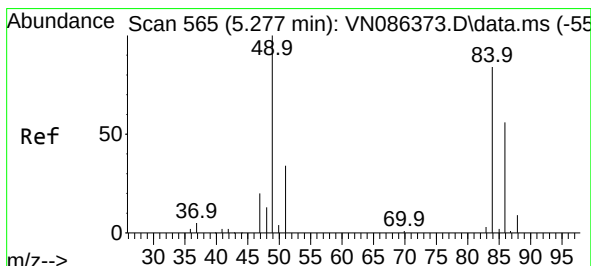
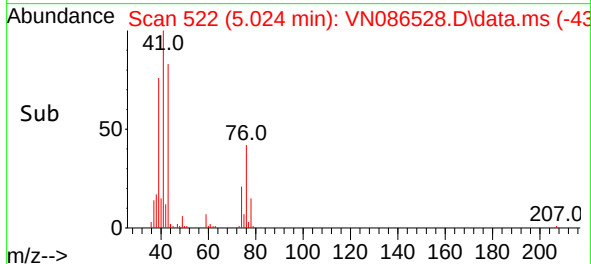
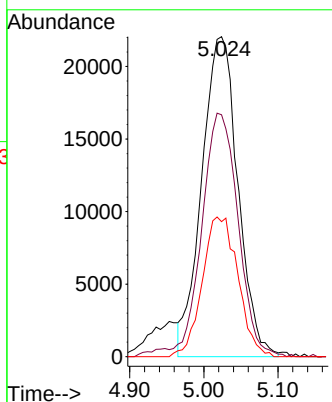
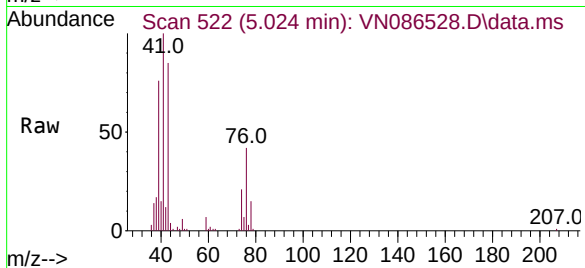




#17
 Allyl chloride
 Concen: 17.967 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

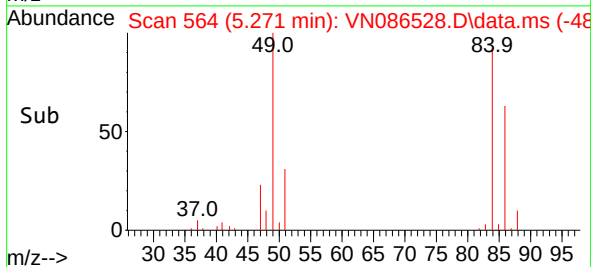
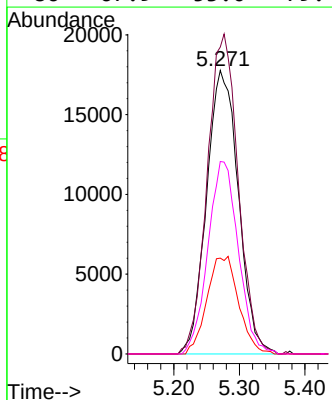
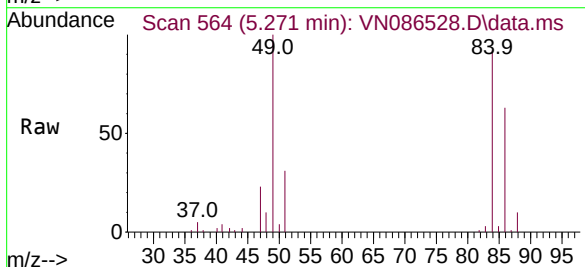
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

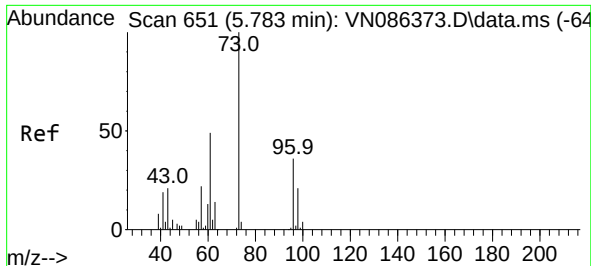
Tgt Ion:	41	Resp:	74879
Ion	Ratio	Lower	Upper
41	100		
39	75.8	36.7	110.1
76	42.7	21.8	65.4



#18
 Methylene Chloride
 Concen: 20.176 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

Tgt Ion:	84	Resp:	59885
Ion	Ratio	Lower	Upper
84	100		
49	108.2	95.4	143.0
51	33.8	32.8	49.2
86	67.9	53.0	79.4





#19

trans-1,2-Dichloroethene

Concen: 19.985 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

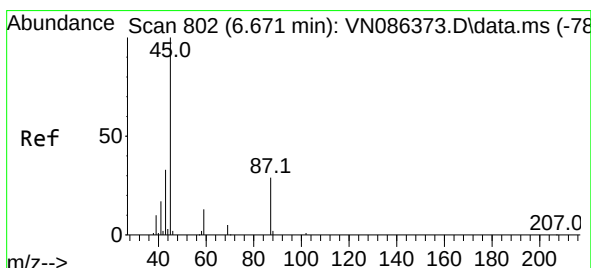
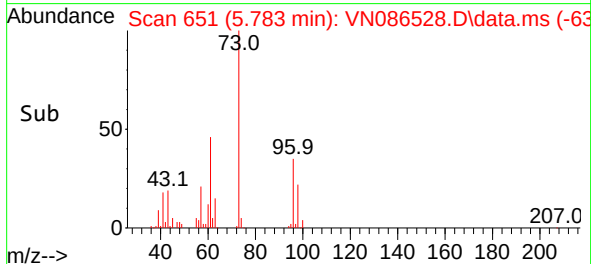
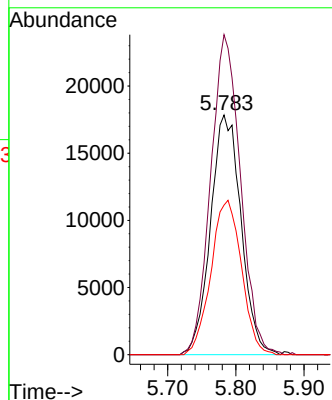
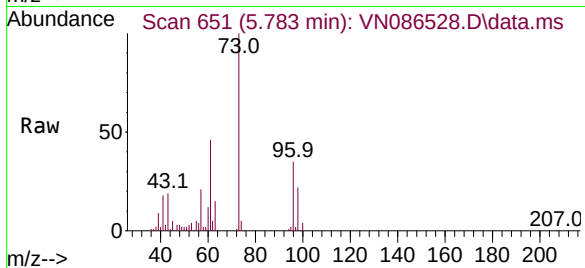
Tgt Ion: 96 Resp: 55519

Ion Ratio Lower Upper

96 100

61 133.5 107.3 160.9

98 62.4 46.7 70.1



#20

Diisopropyl ether

Concen: 17.936 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Tgt Ion: 45 Resp: 177728

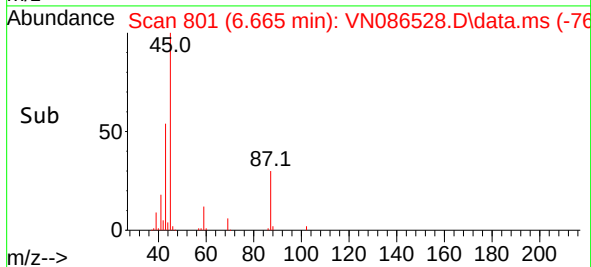
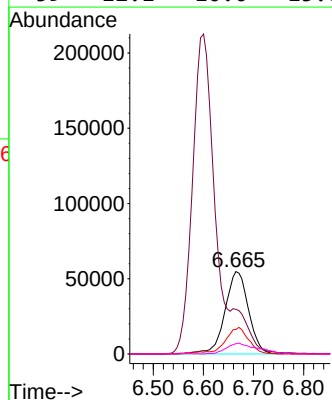
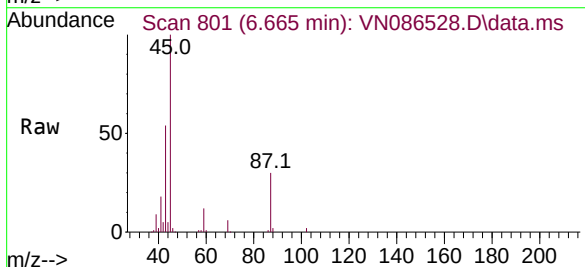
Ion Ratio Lower Upper

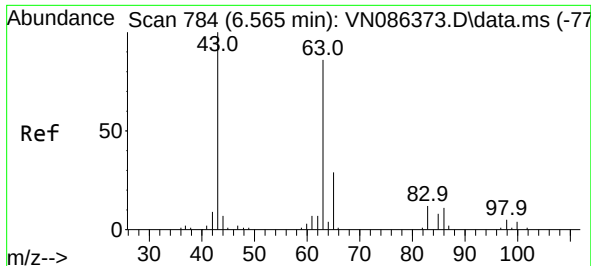
45 100

43 52.5 38.8 58.2

87 29.6 23.5 35.3

59 12.1 10.0 15.0

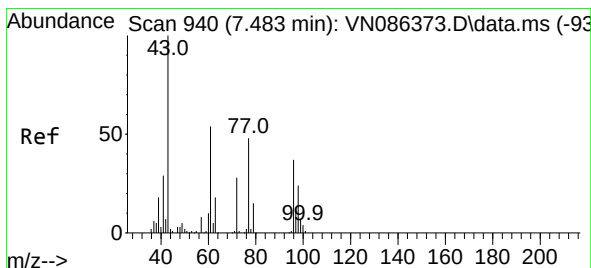
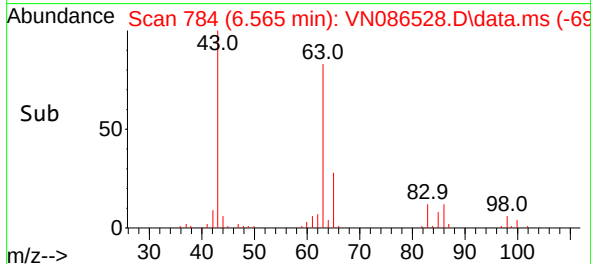
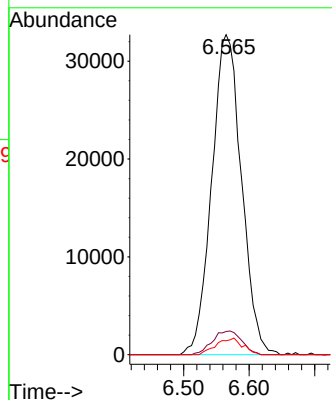
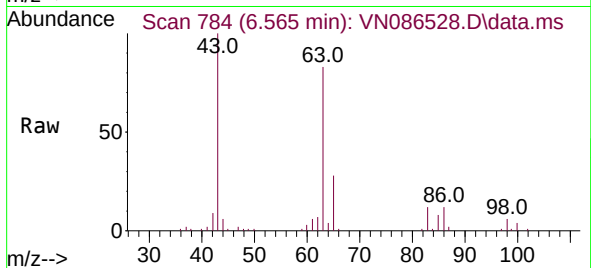




#21
1,1-Dichloroethane
Concen: 18.982 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

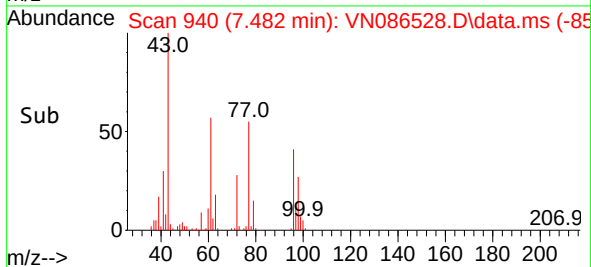
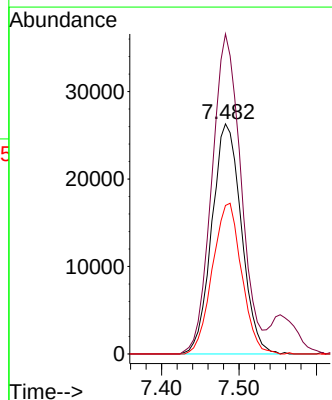
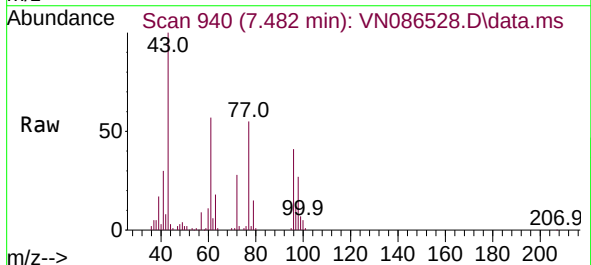
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

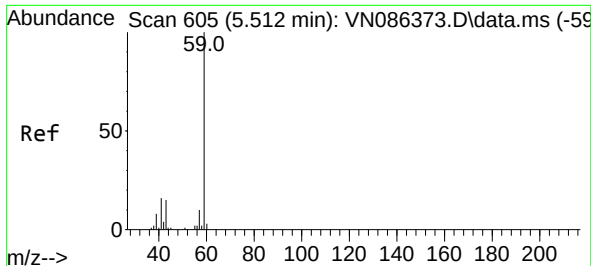
Tgt Ion: 63 Resp: 102960
Ion Ratio Lower Upper
63 100
98 7.3 3.0 9.2
100 4.4 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 20.029 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 96 Resp: 69575
Ion Ratio Lower Upper
96 100
61 136.7 120.6 181.0
98 64.9 51.8 77.6

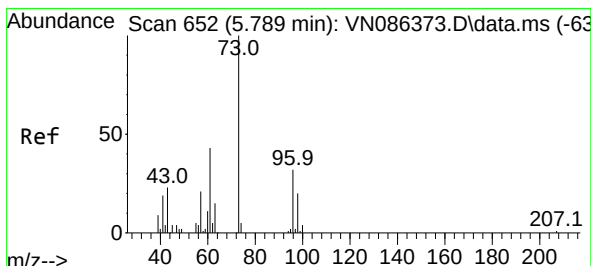
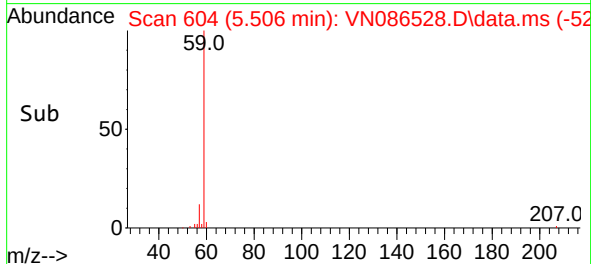
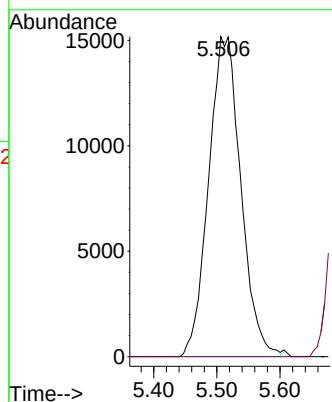
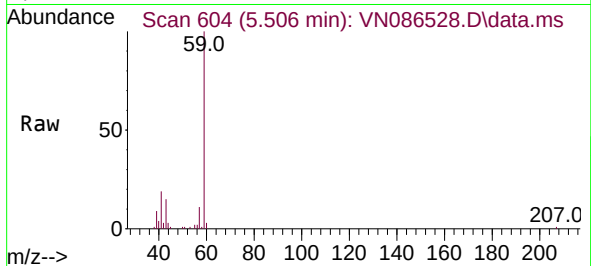




#23
tert-Butyl Alcohol
Concen: 100.991 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

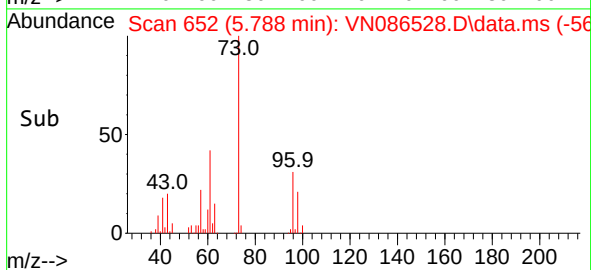
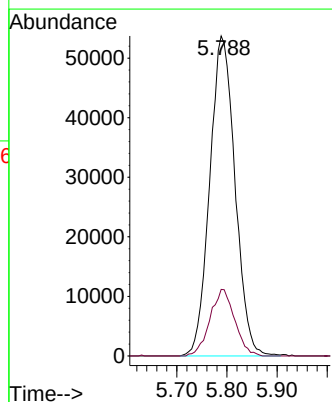
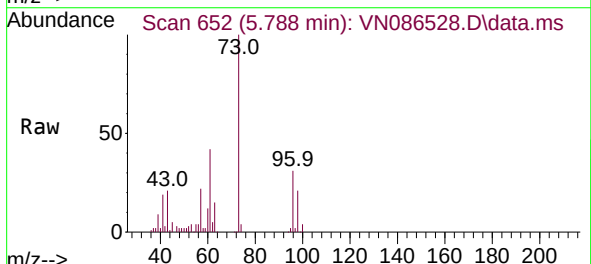
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

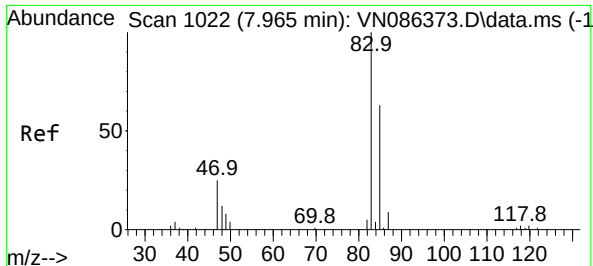
Tgt Ion: 59 Resp: 53790
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 19.555 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 73 Resp: 188309
Ion Ratio Lower Upper
73 100
43 20.4 17.1 25.7





#25

Chloroform

Concen: 19.669 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

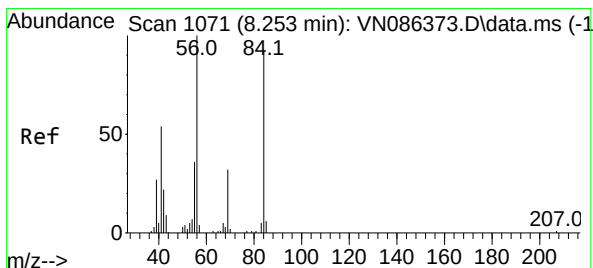
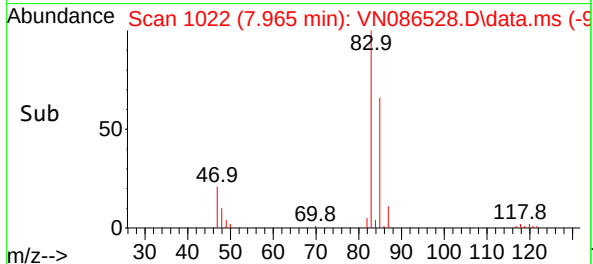
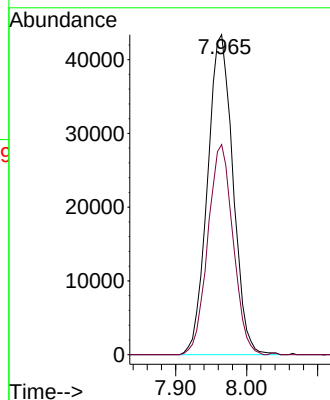
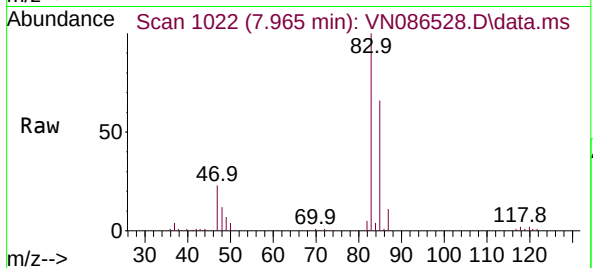
VSTDCCC020

Tgt Ion: 83 Resp: 107970

Ion Ratio Lower Upper

83 100

85 65.7 50.2 75.2



#26

Cyclohexane

Concen: 18.145 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

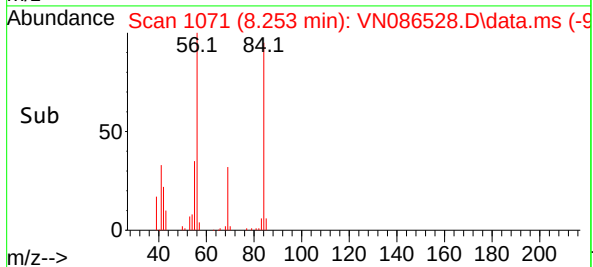
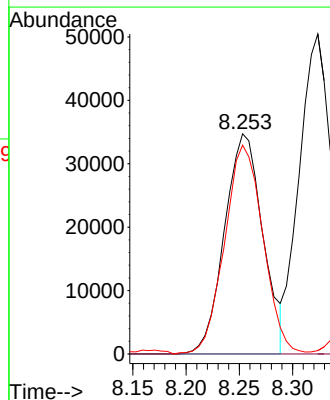
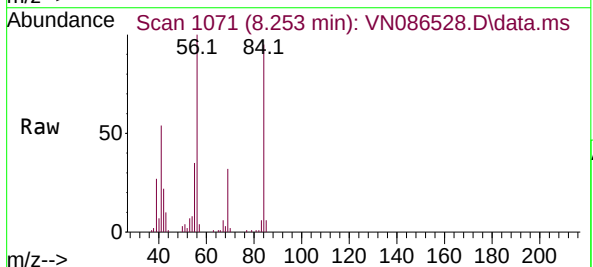
Tgt Ion: 56 Resp: 86900

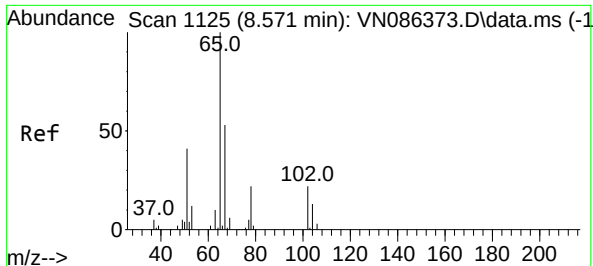
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 95.1 71.5 107.3

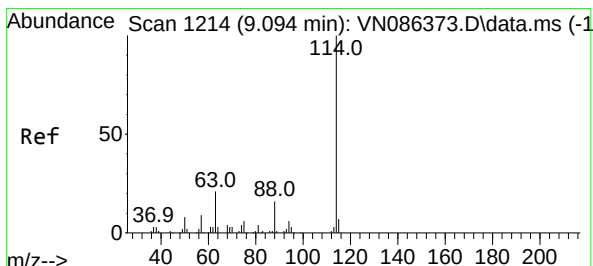
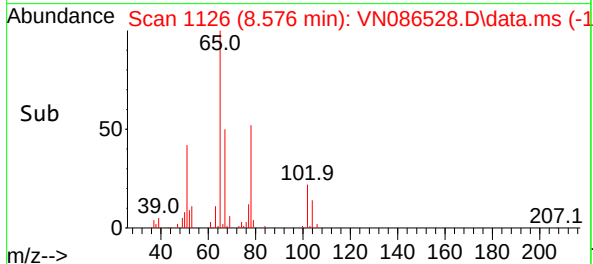
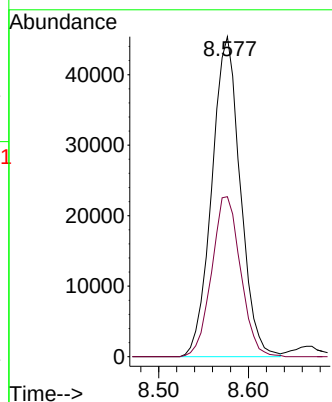
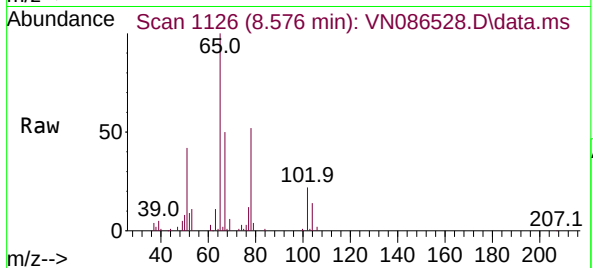




#27
1,2-Dichloroethane-d4
Concen: 27.738 ug/l
RT: 8.576 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

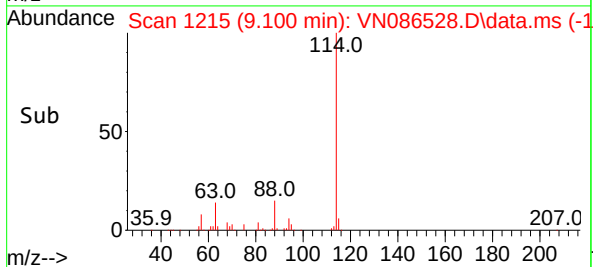
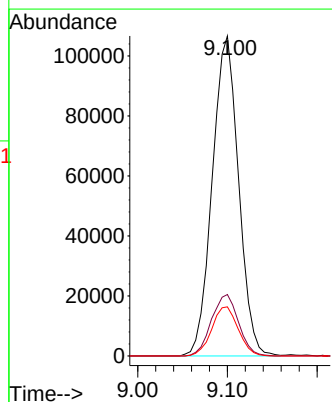
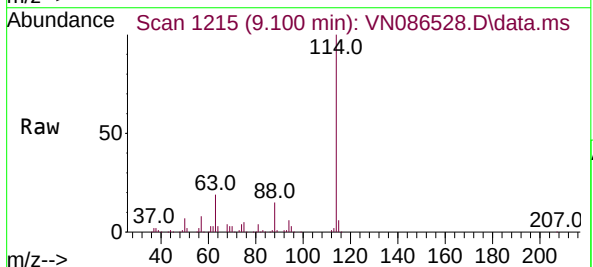
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

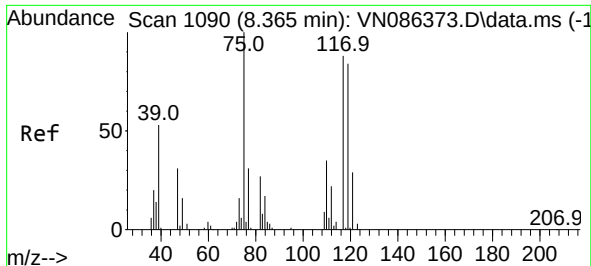
Tgt Ion: 65 Resp: 99910
Ion Ratio Lower Upper
65 100
67 50.7 42.5 63.7



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 114 Resp: 216995
Ion Ratio Lower Upper
114 100
63 19.7 16.7 25.1
88 15.5 12.6 19.0





#29

1,1-Dichloropropene

Concen: 20.126 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

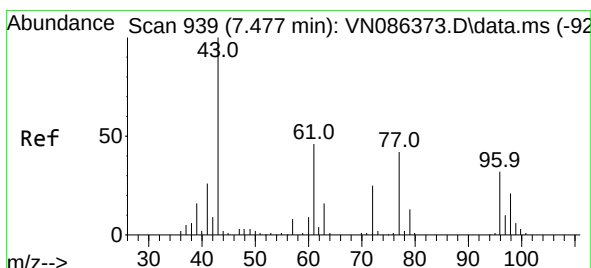
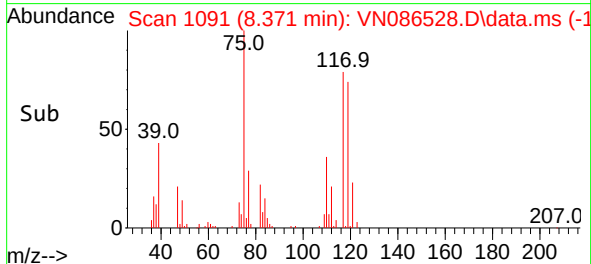
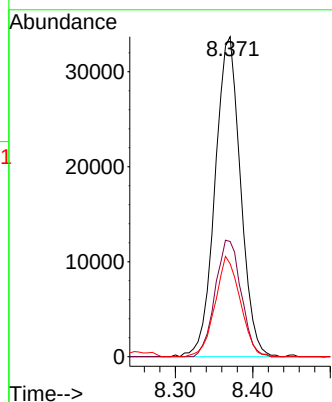
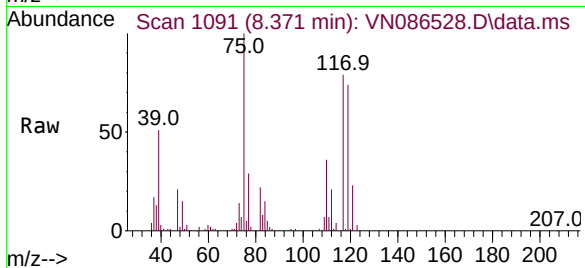
Tgt Ion: 75 Resp: 76991

Ion Ratio Lower Upper

75 100

110 37.0 0.0 68.0

77 31.0 0.0 61.4



#30

2-Butanone

Concen: 92.932 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.000 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

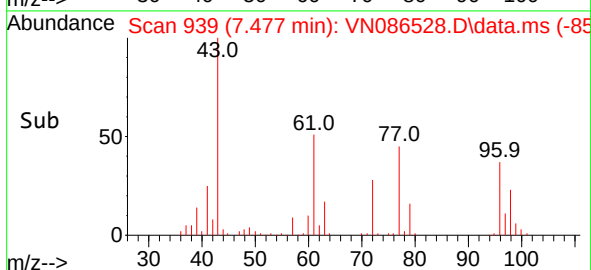
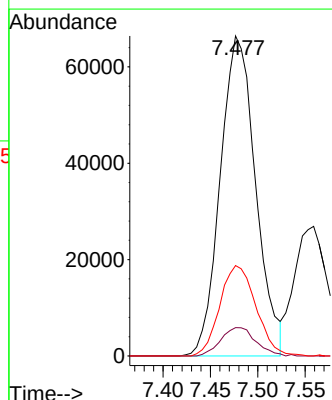
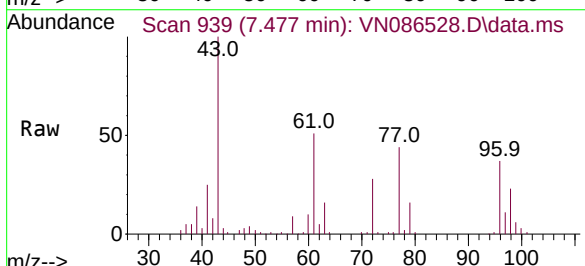
Tgt Ion: 43 Resp: 172553

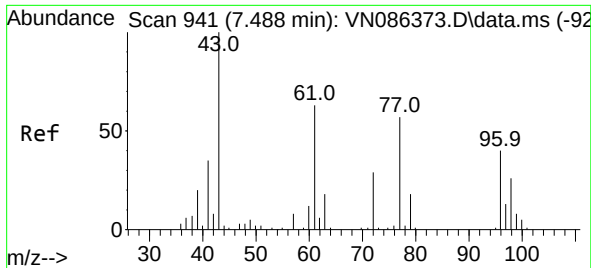
Ion Ratio Lower Upper

43 100

57 8.7 6.6 10.0

72 28.9 22.2 33.4

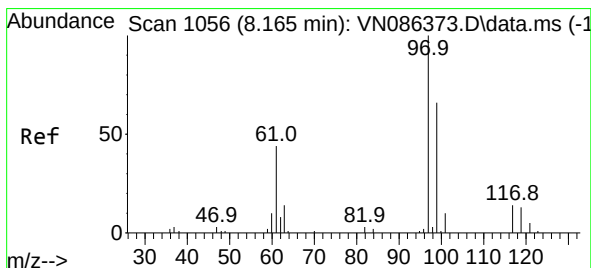
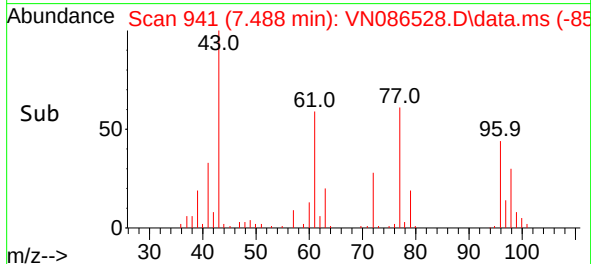
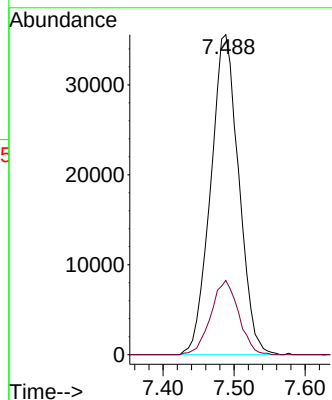
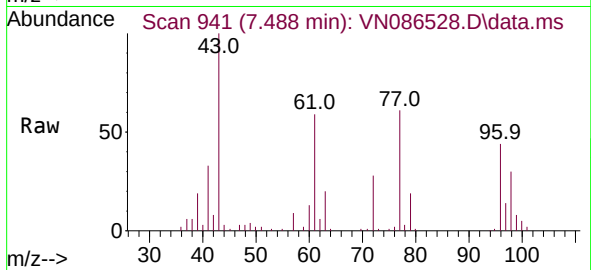




#31
2,2-Dichloropropane
Concen: 19.893 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

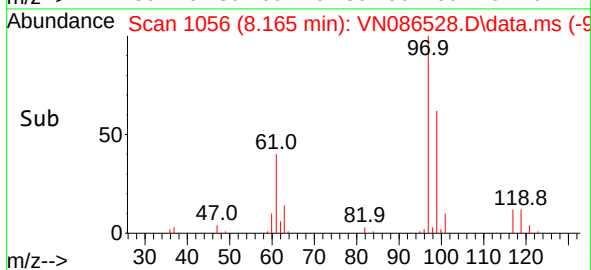
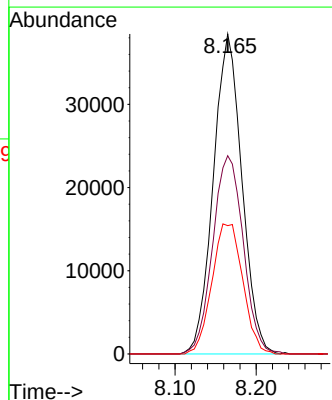
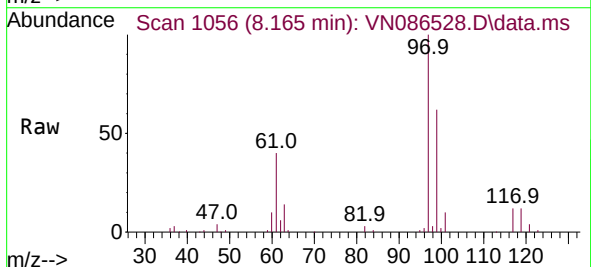
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

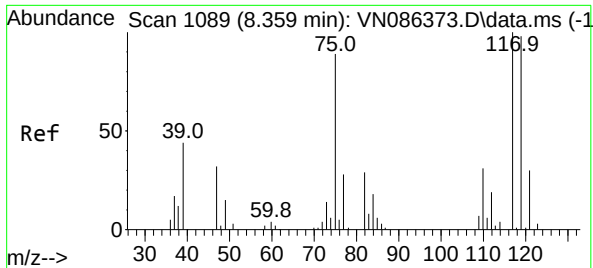
Tgt Ion: 77 Resp: 97827
Ion Ratio Lower Upper
77 100
97 22.9 18.2 27.2



#32
1,1,1-Trichloroethane
Concen: 20.604 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 97 Resp: 94185
Ion Ratio Lower Upper
97 100
99 66.2 52.6 79.0
61 43.9 36.4 54.6

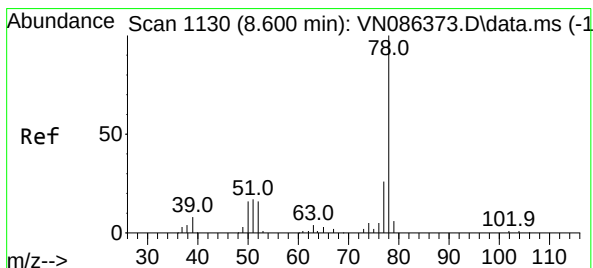
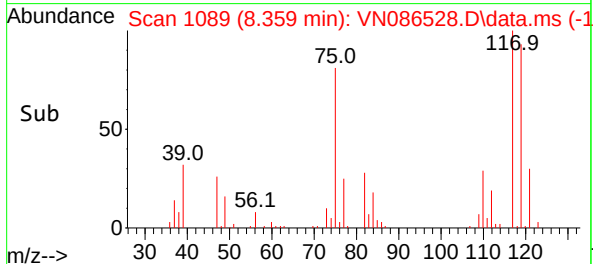
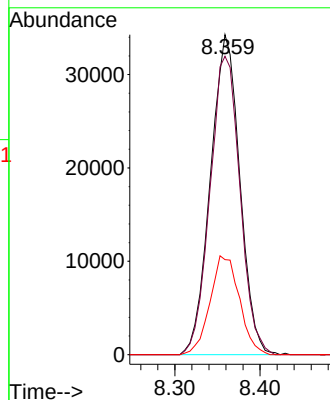
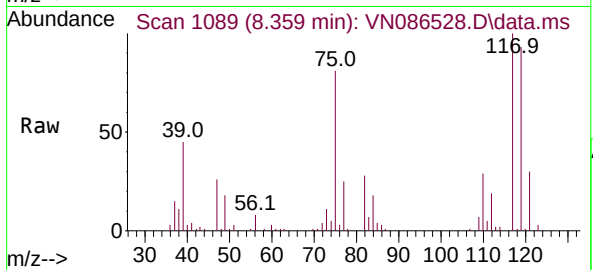




#33
Carbon Tetrachloride
Concen: 21.769 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

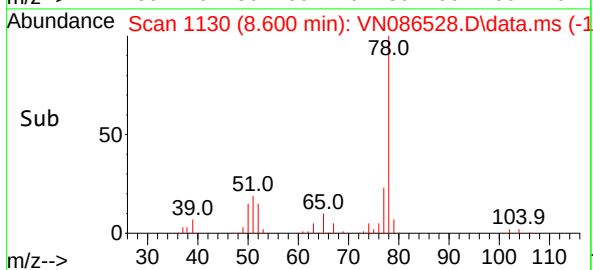
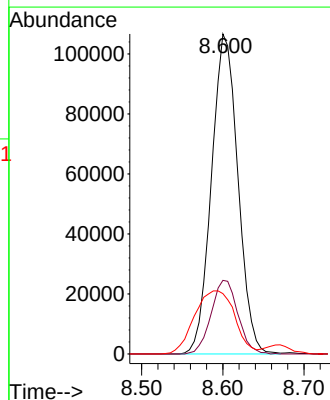
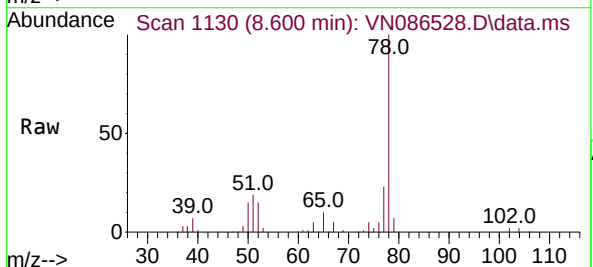
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

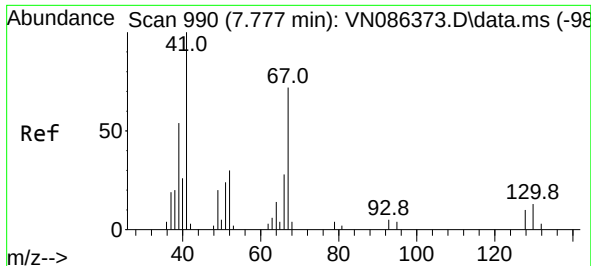
Tgt Ion:117 Resp: 81922
Ion Ratio Lower Upper
117 100
119 93.3 78.6 117.8
121 29.7 24.0 36.0



#34
Benzene
Concen: 19.873 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 78 Resp: 241797
Ion Ratio Lower Upper
78 100
77 23.0 20.8 31.2
51 16.2 14.0 21.0

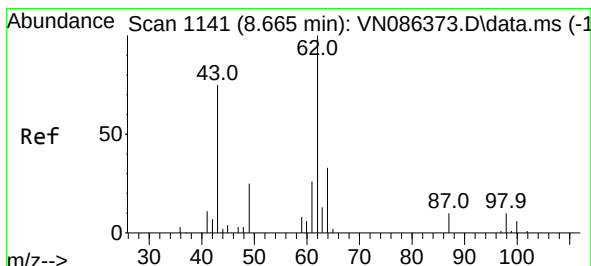
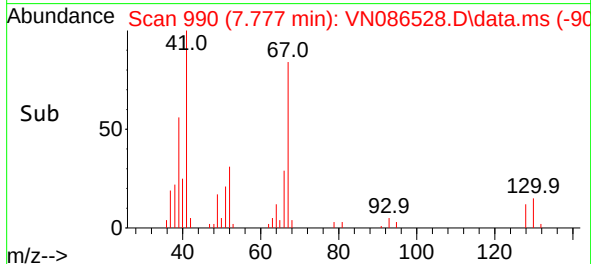
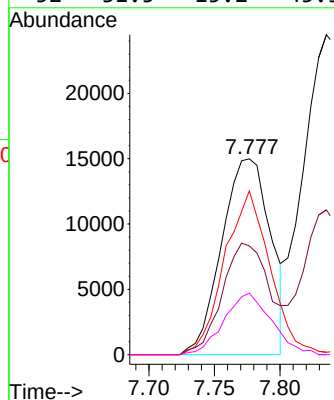
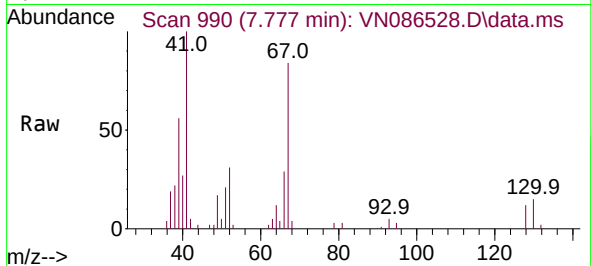




#35
Methacrylonitrile
Concen: 18.293 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

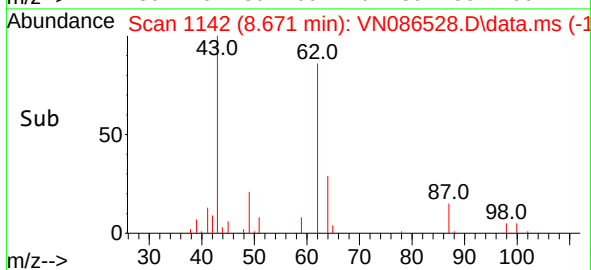
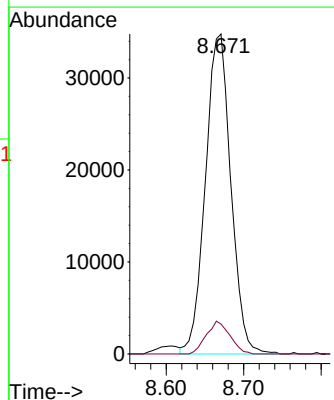
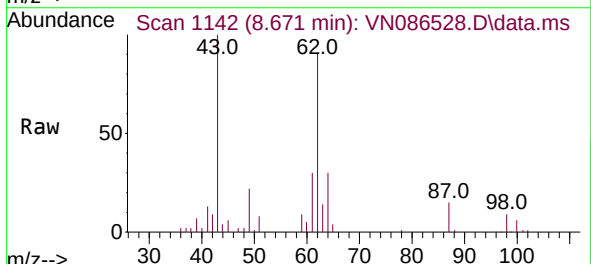
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

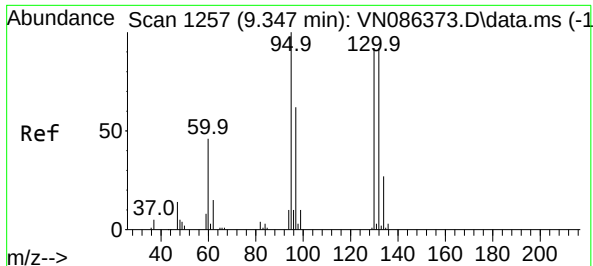
Tgt Ion: 41	Resp: 38746
Ion Ratio	Lower Upper
41 100	
39 55.6	27.0 80.8
67 83.7	35.8 107.3
52 31.5	15.2 45.5



#36
1,2-Dichloroethane
Concen: 20.097 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 62	Resp: 79391
Ion Ratio	Lower Upper
62 100	
98 9.5	7.6 11.4





#37

Trichloroethene

Concen: 21.077 ug/l

RT: 9.347 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

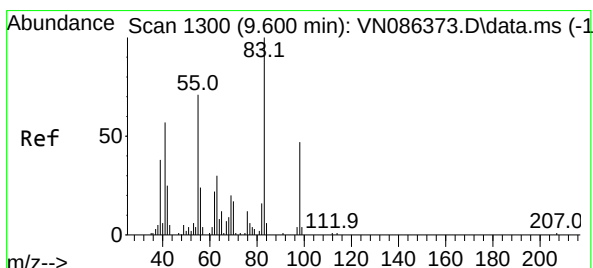
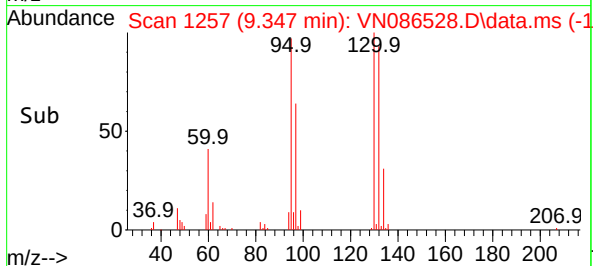
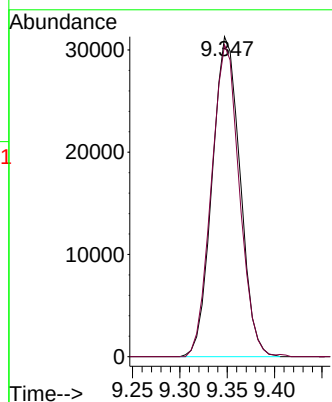
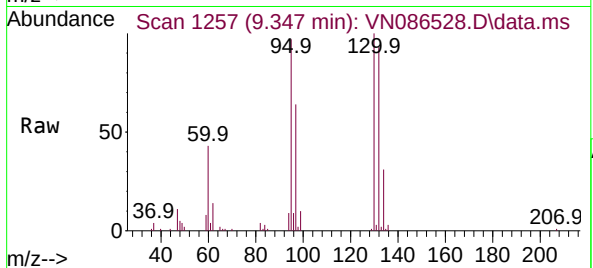
VSTDCCC020

Tgt Ion:130 Resp: 64201

Ion Ratio Lower Upper

130 100

95 97.4 86.6 130.0



#38

Methylcyclohexane

Concen: 20.184 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

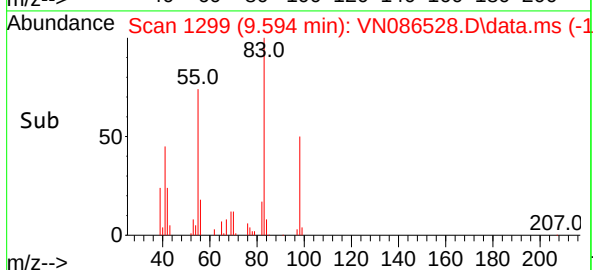
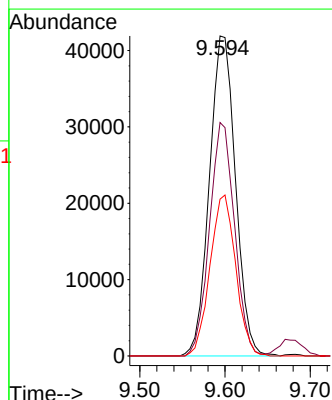
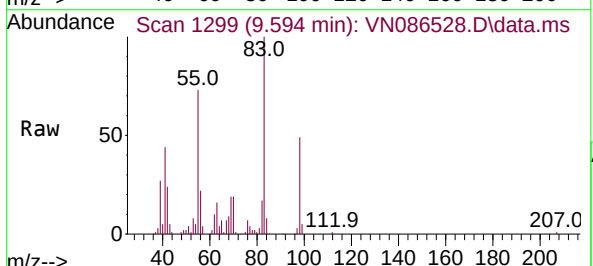
Tgt Ion: 83 Resp: 89174

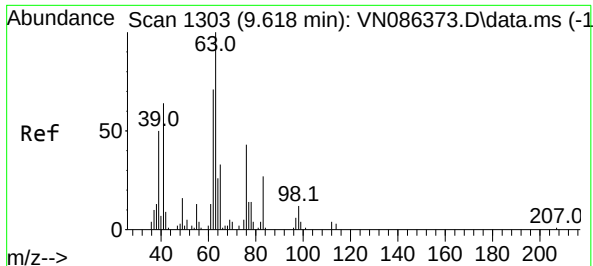
Ion Ratio Lower Upper

83 100

55 70.2 37.3 111.9

98 49.6 23.8 71.5

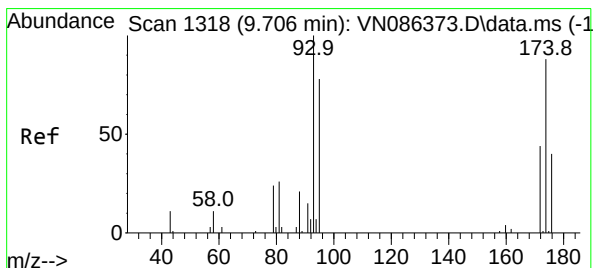
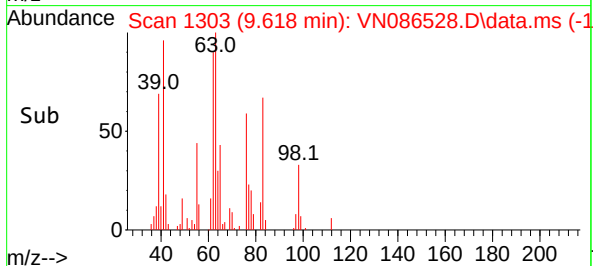
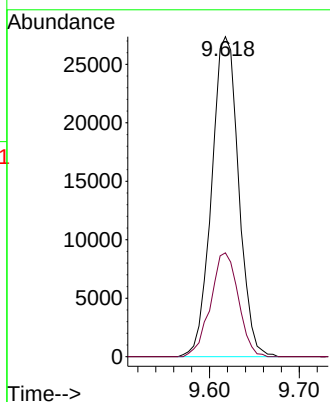
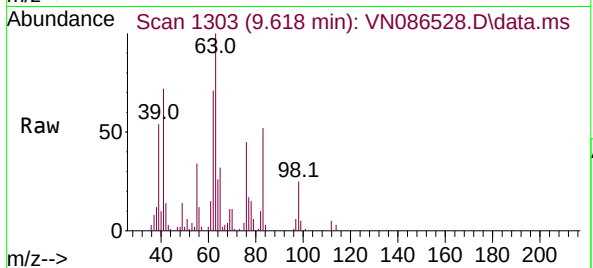




#39
1,2-Dichloropropane
Concen: 19.015 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

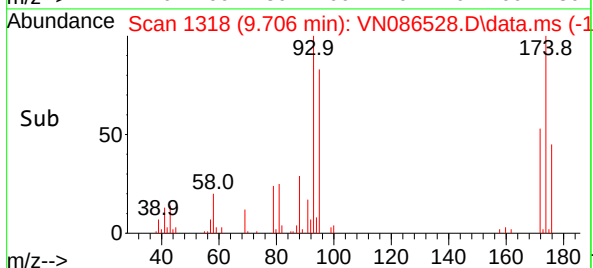
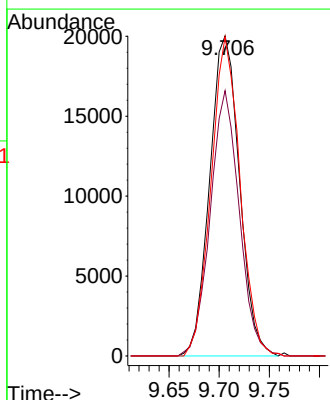
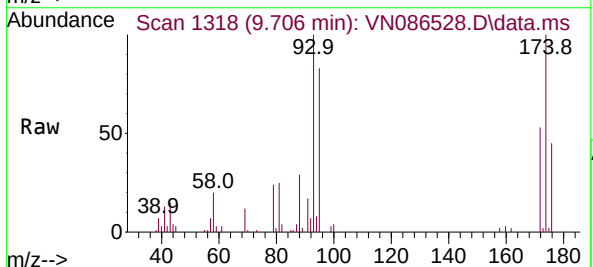
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

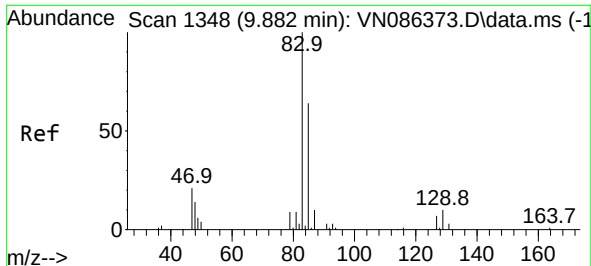
Tgt Ion: 63 Resp: 57156
Ion Ratio Lower Upper
63 100
65 32.5 26.7 40.1



#40
Dibromomethane
Concen: 20.552 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 93 Resp: 41312
Ion Ratio Lower Upper
93 100
95 80.7 0.0 159.2
174 96.8 0.0 171.4

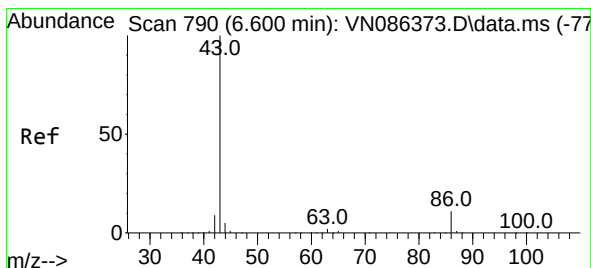
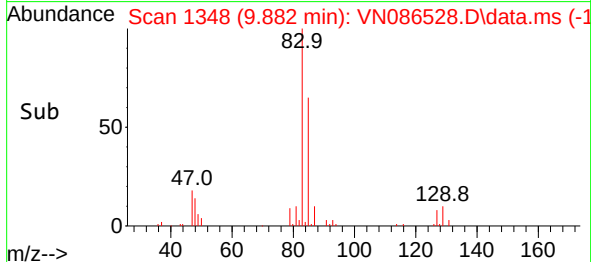
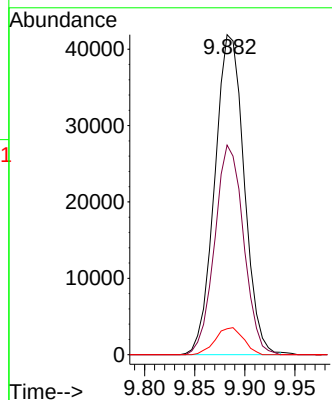
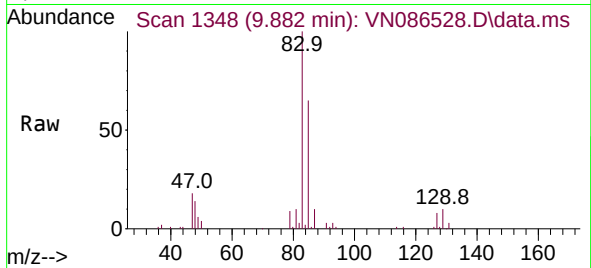




#41
Bromodichloromethane
Concen: 20.085 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

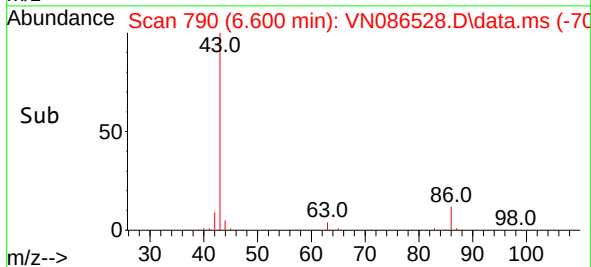
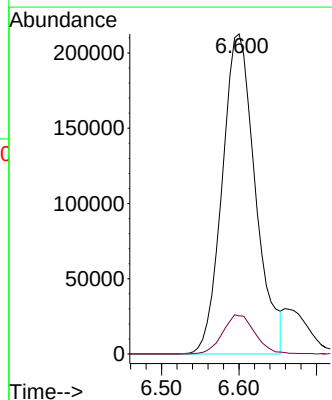
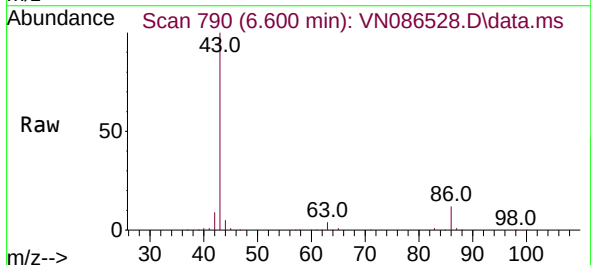
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MSVOA_N
ClientSampleId :
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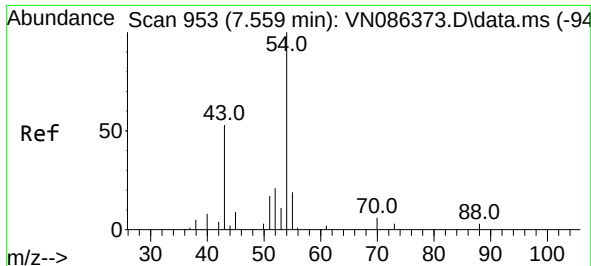
Tgt Ion: 83 Resp: 85441
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 8.1 5.9 8.9



#42
Vinyl Acetate
Concen: 98.527 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 43 Resp: 633724
Ion Ratio Lower Upper
43 100
86 11.8 8.9 13.3





#43

Ethyl Acetate

Concen: 19.036 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

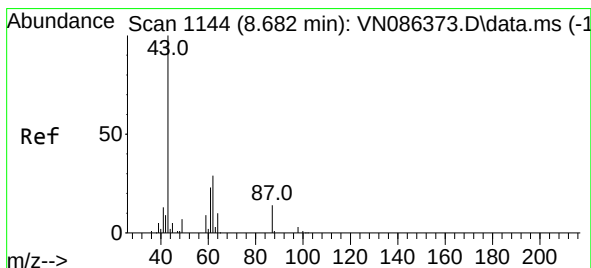
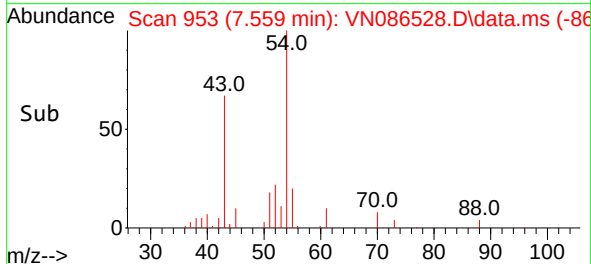
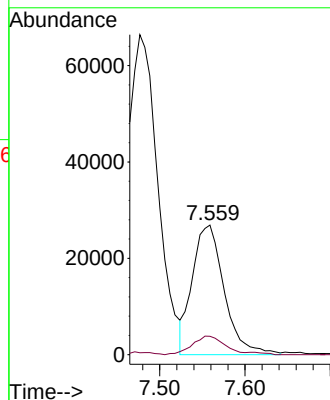
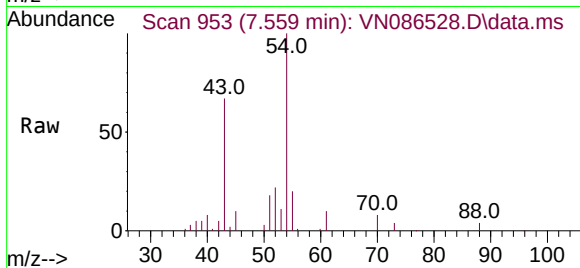
VSTDCCC020

Tgt Ion: 43 Resp: 69949

Ion Ratio Lower Upper

43 100

45 14.4 11.4 17.2



#44

Isopropyl Acetate

Concen: 18.650 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086528.D

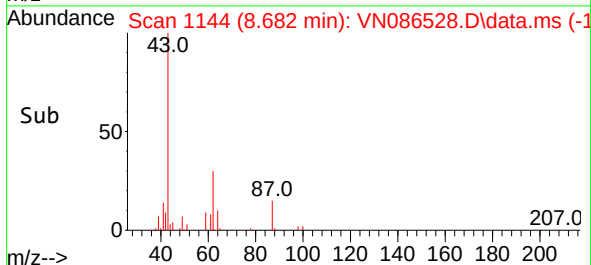
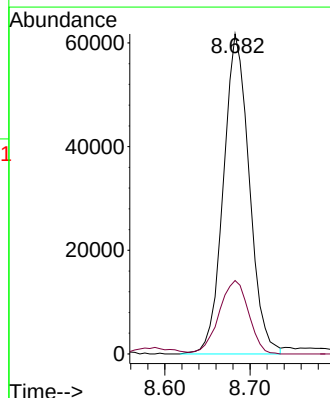
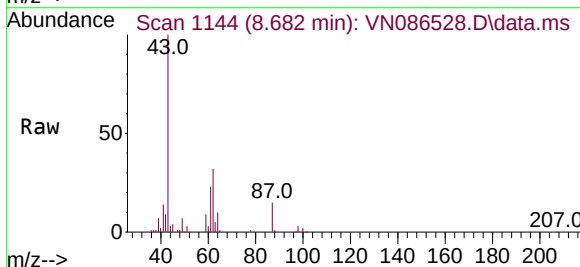
Acq: 07 May 2025 11:01

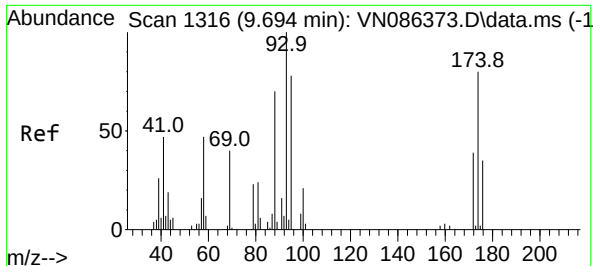
Tgt Ion: 43 Resp: 130062

Ion Ratio Lower Upper

43 100

61 26.2 21.0 31.4

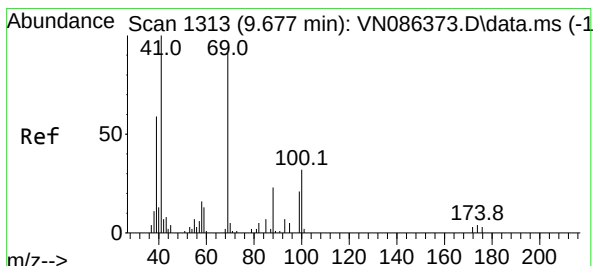
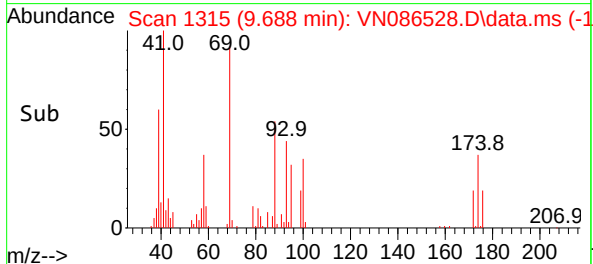
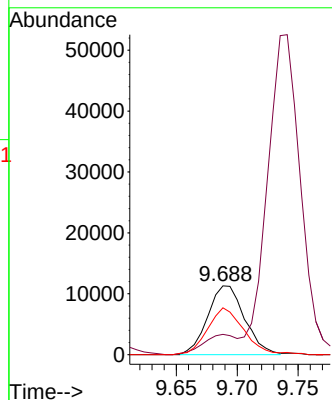
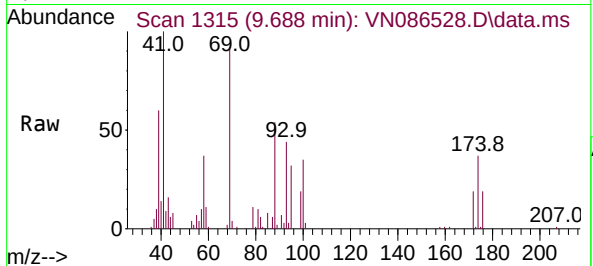




#45
1,4-Dioxane
Concen: 437.588 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

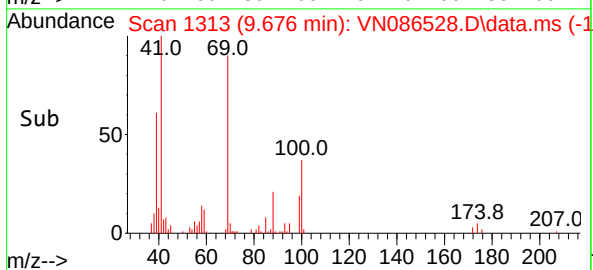
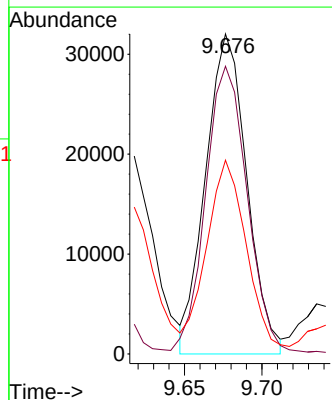
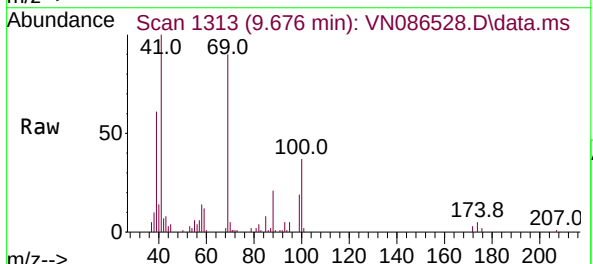
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MSVOA_N
ClientSampleId :
VSTDCCC020

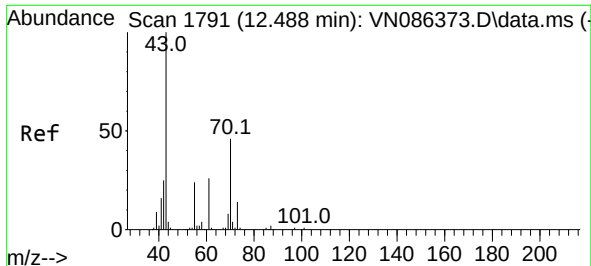
Tgt Ion: 88 Resp: 23810
Ion Ratio Lower Upper
88 100
43 26.5 24.9 37.3
58 66.0 57.8 86.8



#46
Methyl methacrylate
Concen: 18.395 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 41 Resp: 59173
Ion Ratio Lower Upper
41 100
69 91.4 44.1 132.3
39 60.4 30.0 90.1

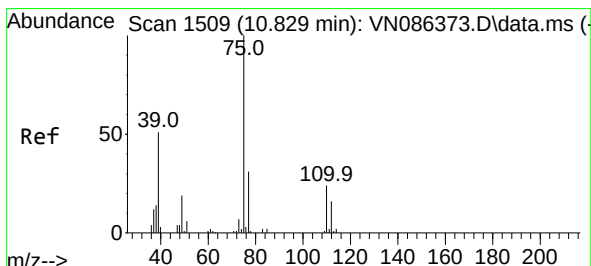
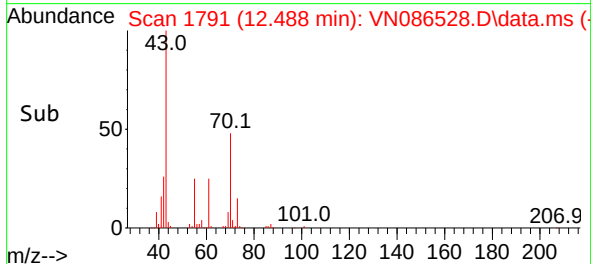
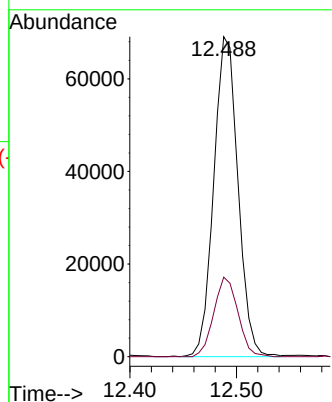
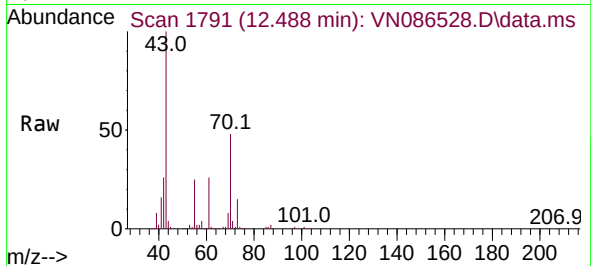




#47
n-amy1 Acetate
Concen: 18.363 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

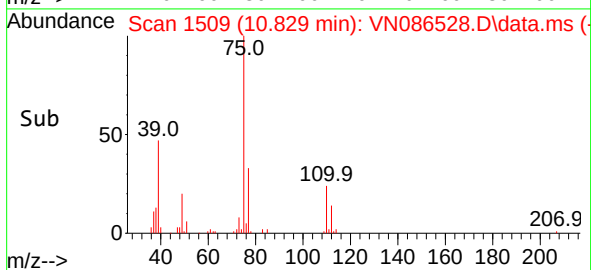
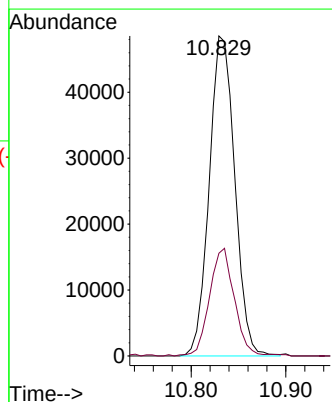
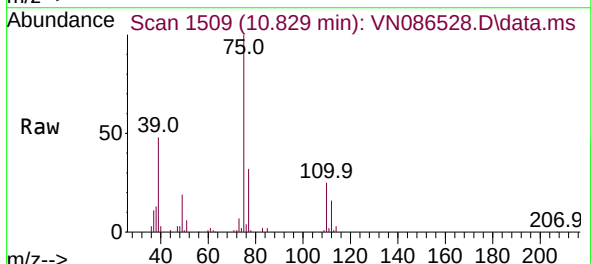
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

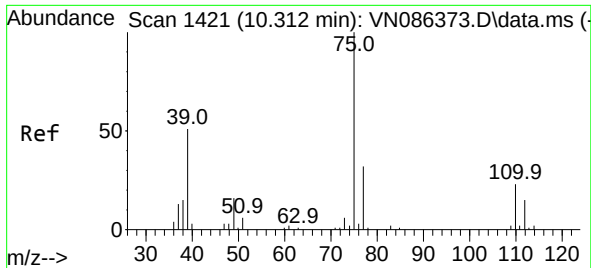
Tgt Ion: 43 Resp: 109148
Ion Ratio Lower Upper
43 100
55 24.7 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 19.166 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 75 Resp: 91150
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6

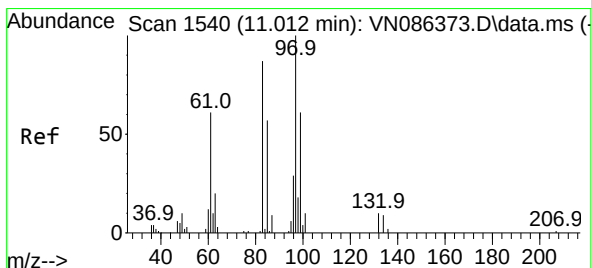
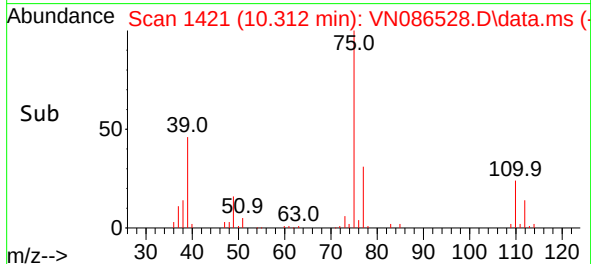
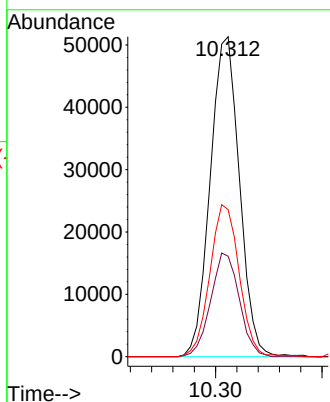
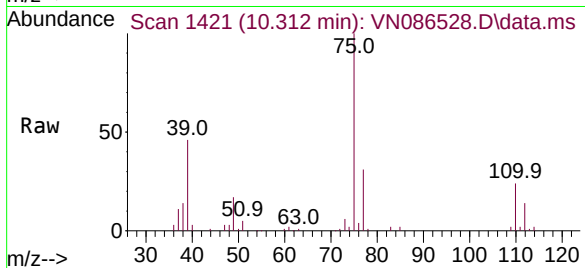




#49
 cis-1,3-Dichloropropene
 Concen: 19.471 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

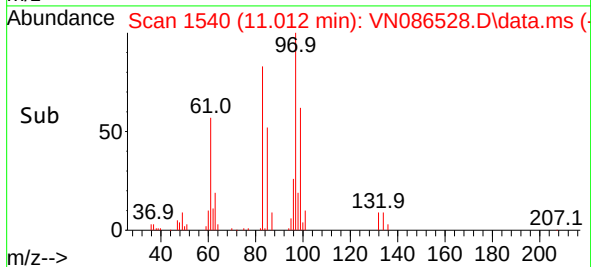
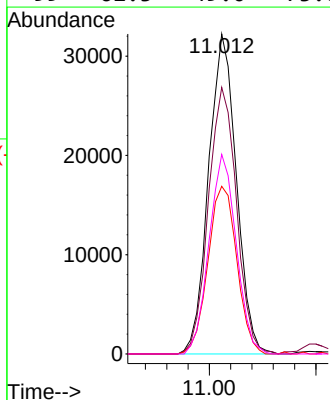
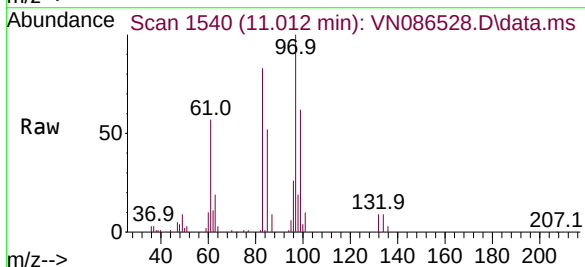
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

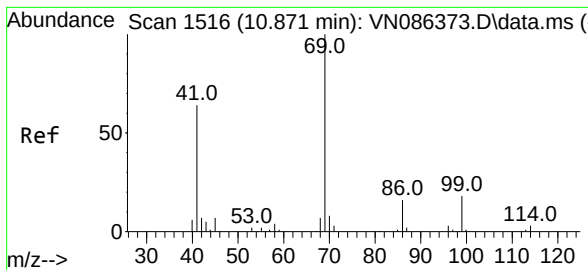
Tgt Ion:	75	Resp:	97650
Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.6	38.4
39	45.9	40.6	60.8



#50
 1,1,2-Trichloroethane
 Concen: 20.761 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

Tgt Ion:	97	Resp:	58291
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.3	103.9
85	52.4	45.5	68.3
99	62.3	49.0	73.6

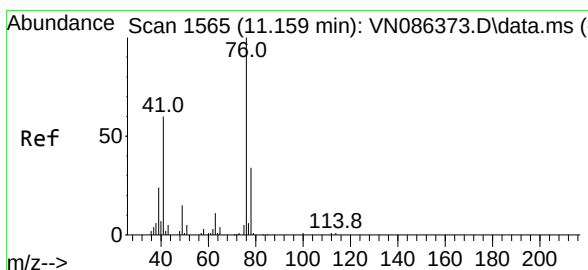
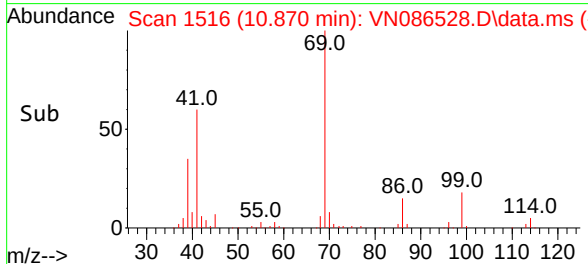
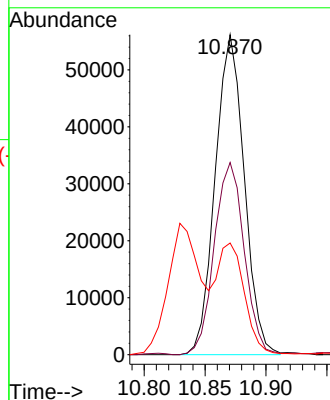
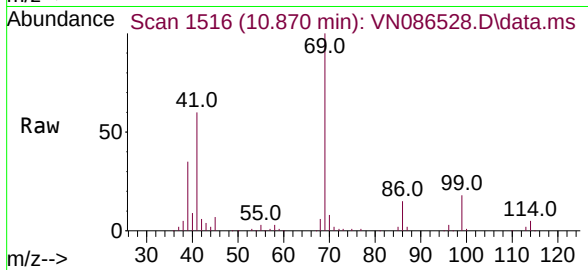




#51
Ethyl methacrylate
Concen: 19.070 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

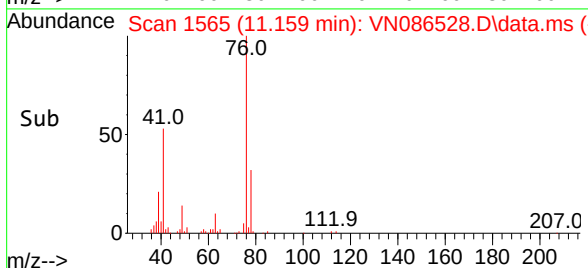
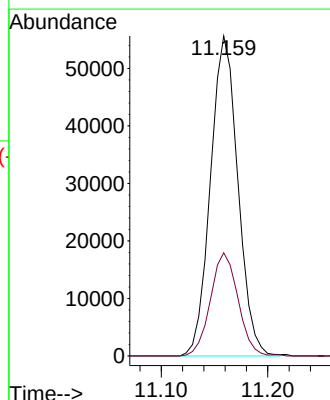
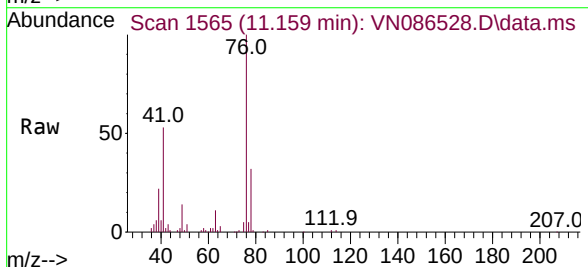
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

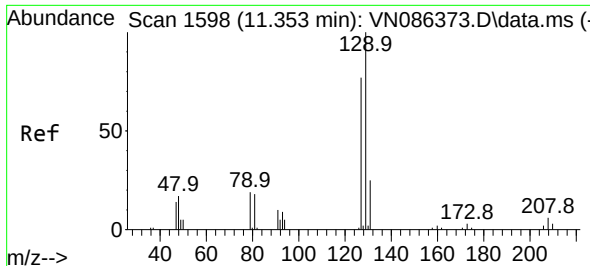
Tgt Ion: 69 Resp: 93251
Ion Ratio Lower Upper
69 100
41 60.1 32.3 96.8
39 34.5 19.1 57.1



#52
1,3-Dichloropropane
Concen: 20.017 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 76 Resp: 99333
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.6

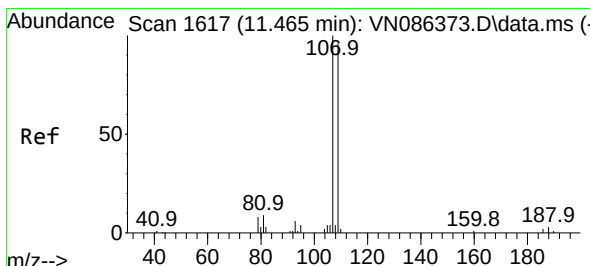
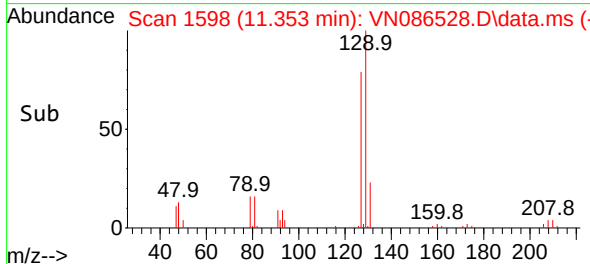
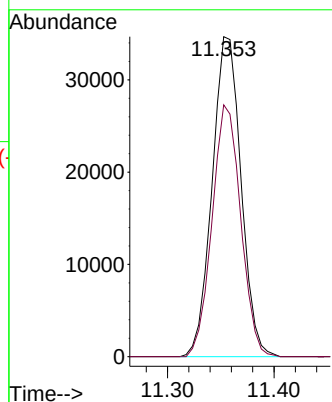
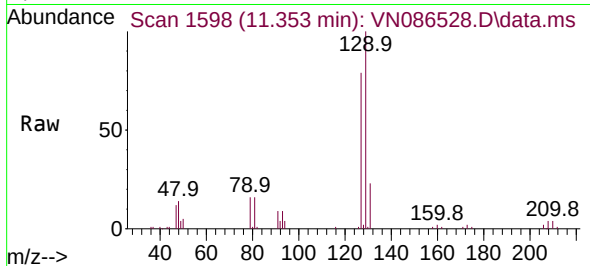




#53
Dibromochloromethane
Concen: 20.736 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

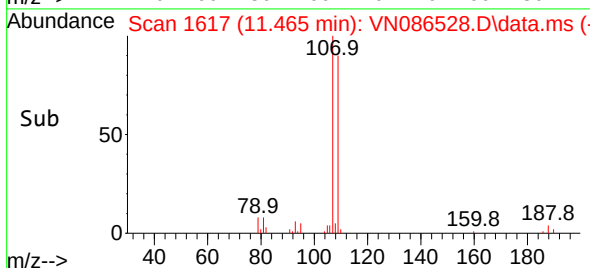
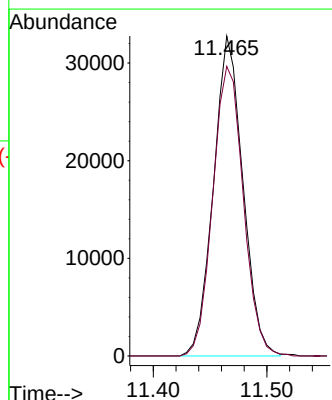
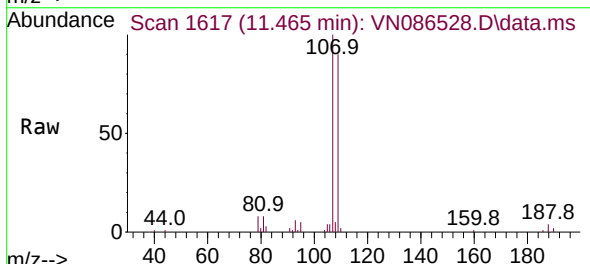
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

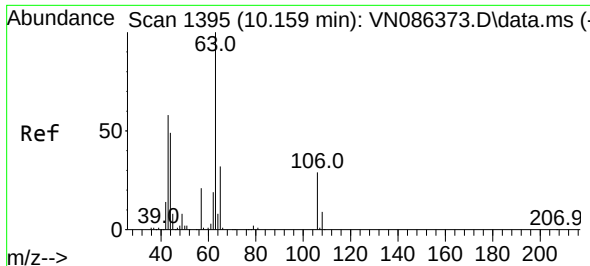
Tgt Ion:129 Resp: 65375
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3



#54
1,2-Dibromoethane
Concen: 20.630 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion:107 Resp: 58896
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0

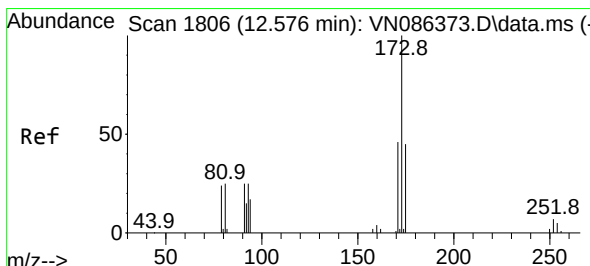
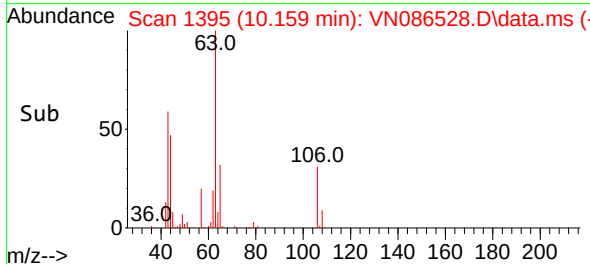
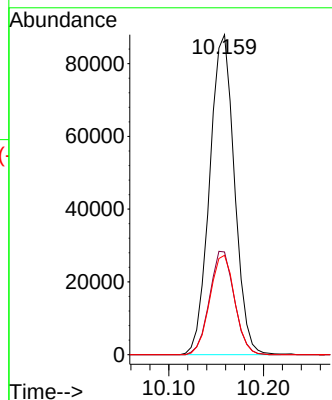
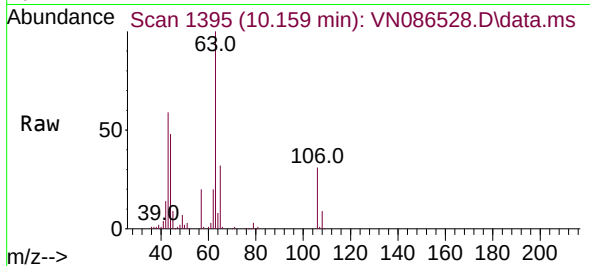




#55
2-Chloroethyl vinyl ether
Concen: 69.532 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

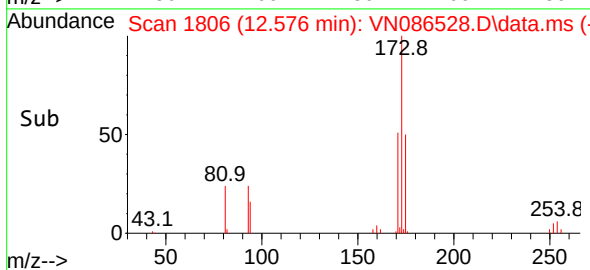
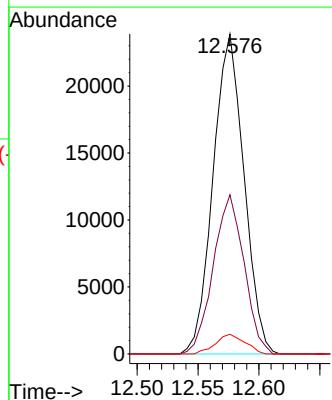
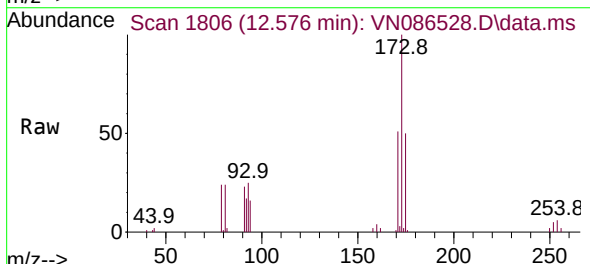
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

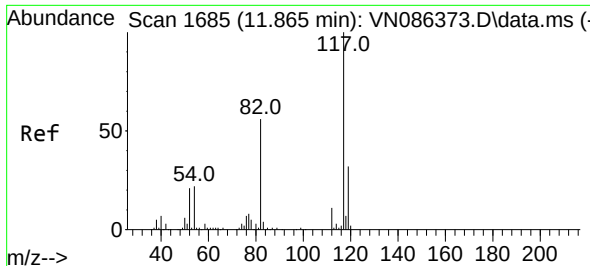
Tgt Ion: 63 Resp: 159859
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 31.3 22.3 33.5



#56
Bromoform
Concen: 20.611 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 173 Resp: 42168
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.6
254 5.9 3.8 5.6#

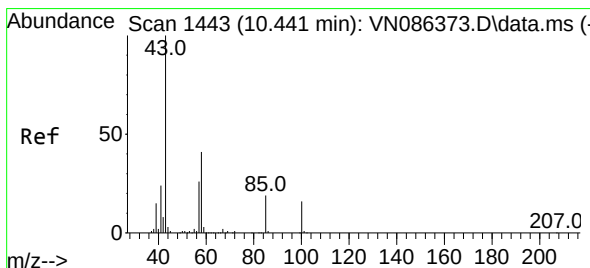
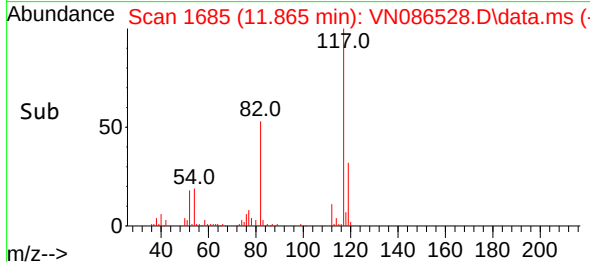
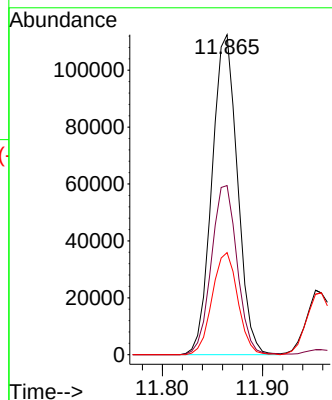
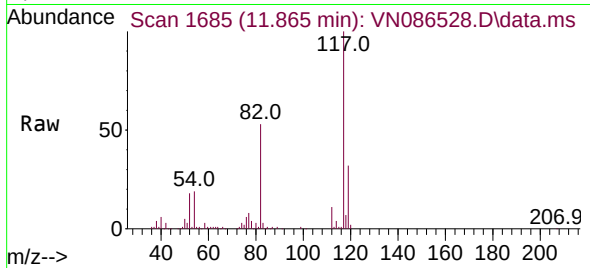




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

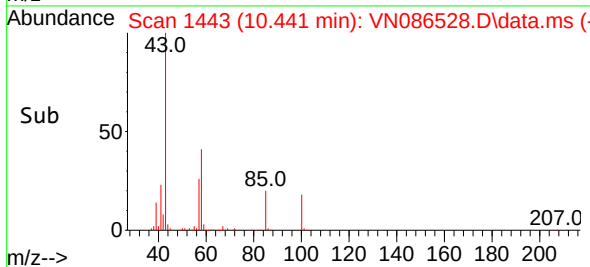
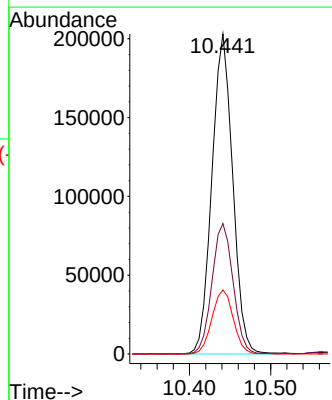
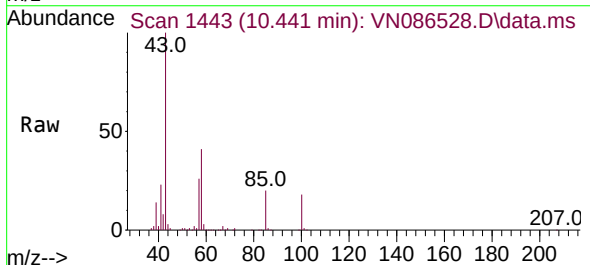
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

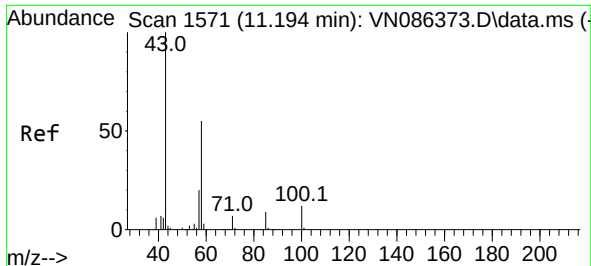
Tgt Ion:117 Resp: 198839
Ion Ratio Lower Upper
117 100
82 53.6 45.5 68.3
119 32.1 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 93.925 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 43 Resp: 361408
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.6
85 20.4 14.9 22.3

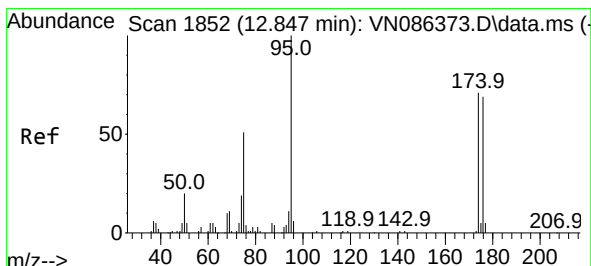
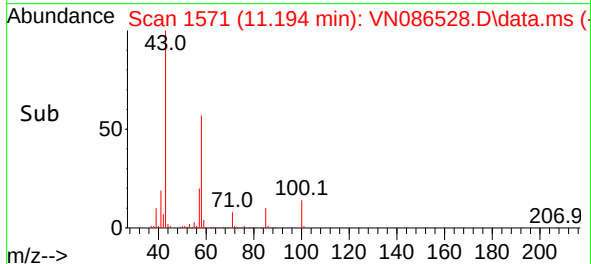
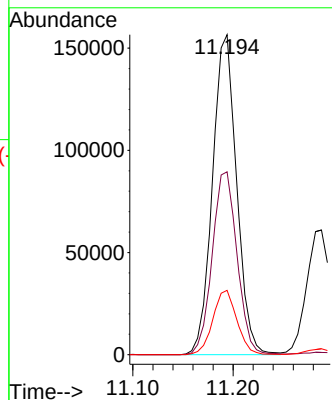
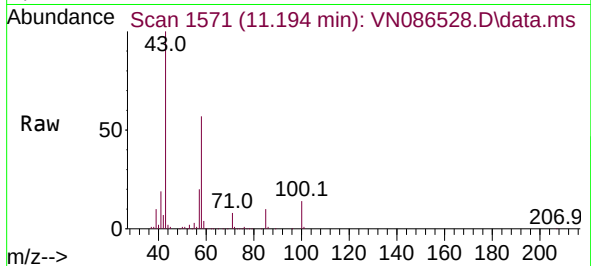




#59
2-Hexanone
Concen: 92.531 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

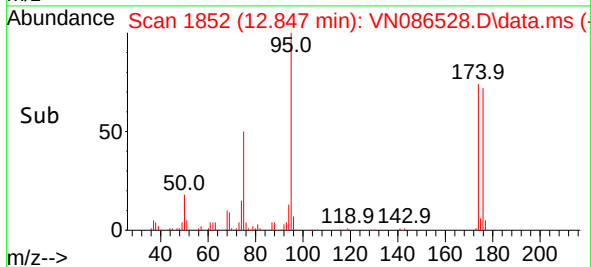
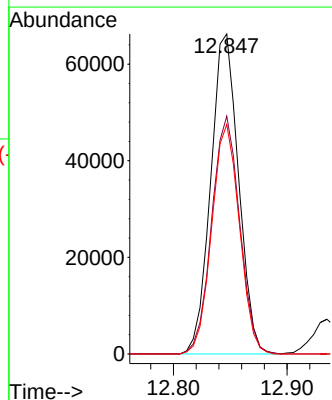
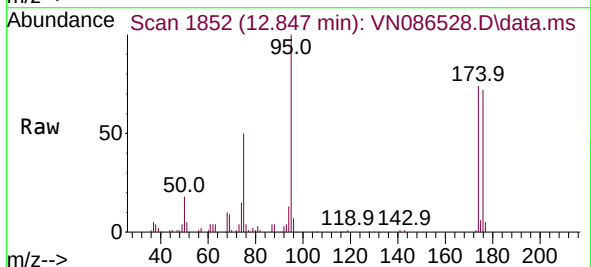
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

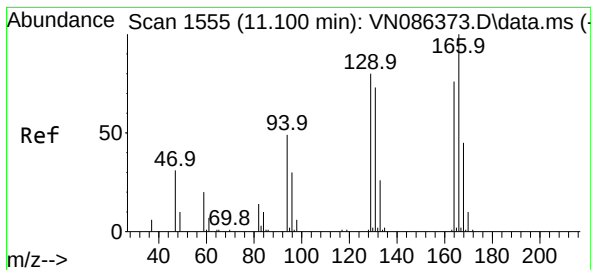
Tgt Ion: 43 Resp: 262377
Ion Ratio Lower Upper
43 100
58 58.8 45.0 67.6
57 20.0 15.5 23.3



#60
4-Bromofluorobenzene
Concen: 28.875 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 95 Resp: 112846
Ion Ratio Lower Upper
95 100
174 74.6 56.6 84.8
176 71.1 53.3 79.9





#61

Tetrachloroethene

Concen: 22.153 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 67183

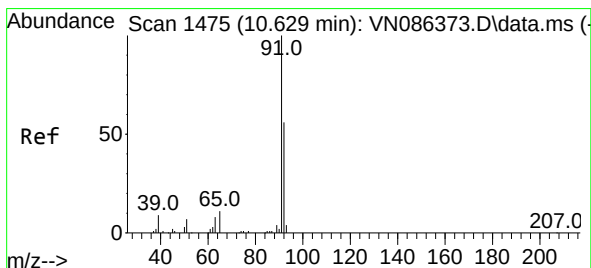
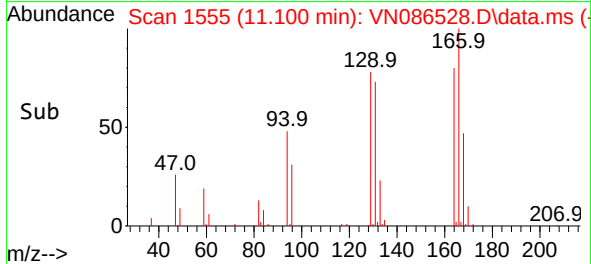
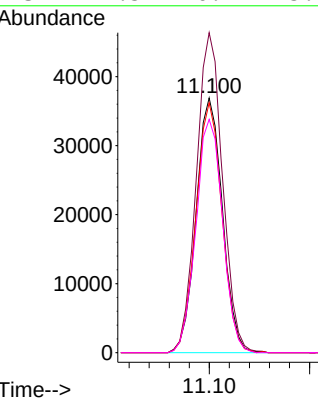
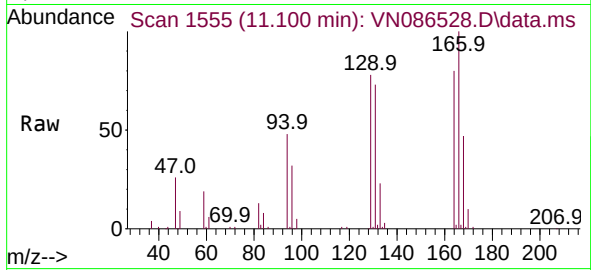
Ion Ratio Lower Upper

164 100

166 125.6 105.0 157.4

129 98.1 83.9 125.9

131 91.5 76.7 115.1



#62

Toluene

Concen: 20.296 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086528.D

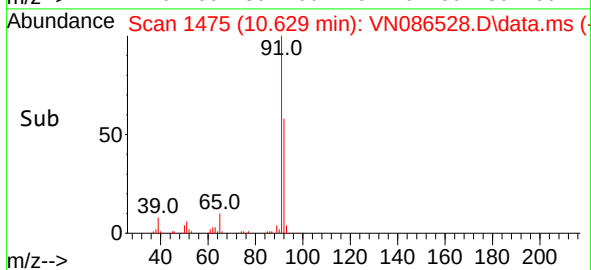
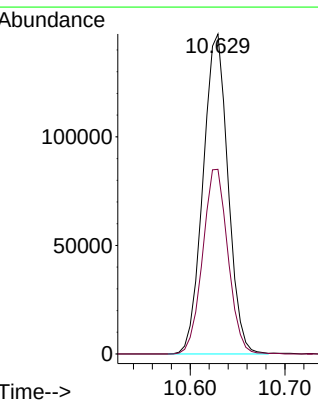
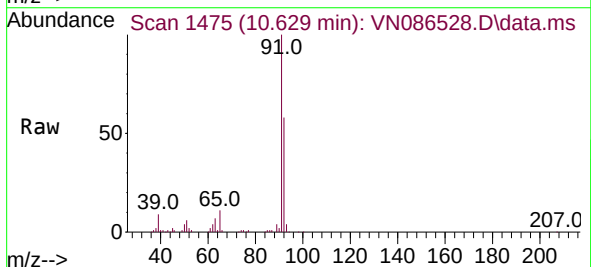
Acq: 07 May 2025 11:01

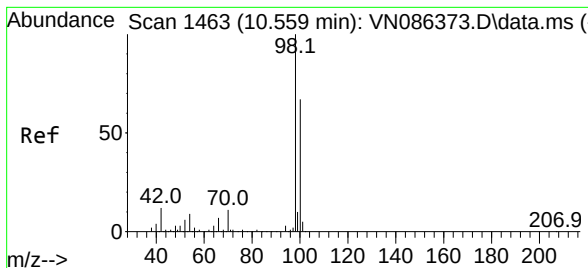
Tgt Ion: 91 Resp: 270131

Ion Ratio Lower Upper

91 100

92 58.4 45.7 68.5





#63

Toluene-d8

Concen: 29.351 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

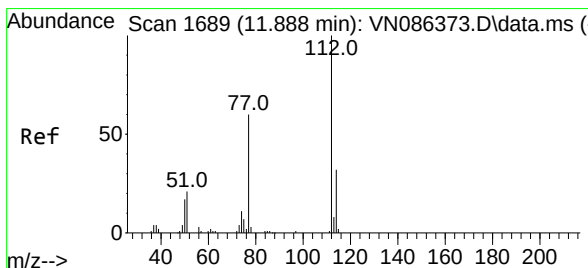
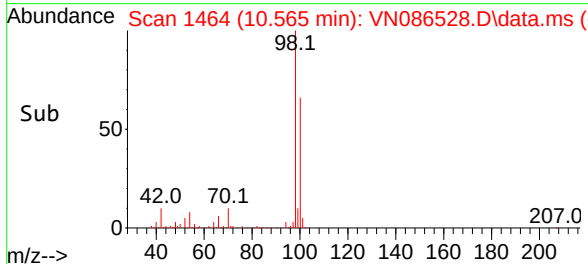
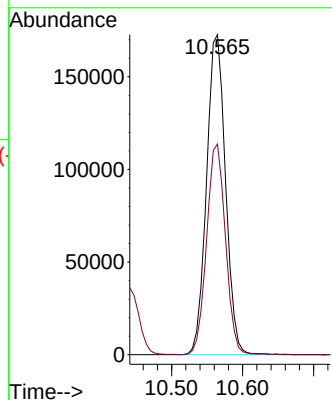
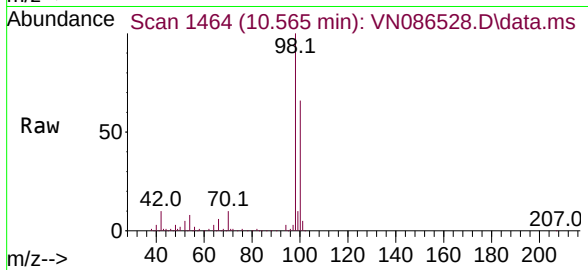
VSTDCCC020

Tgt Ion: 98 Resp: 321075

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7



#64

Chlorobenzene

Concen: 20.876 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN086528.D

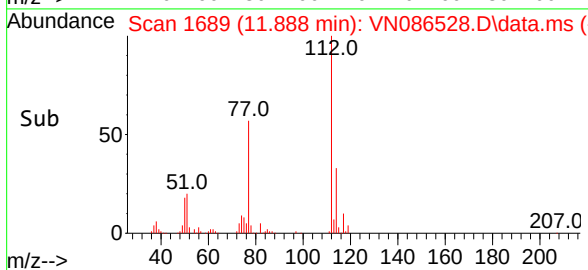
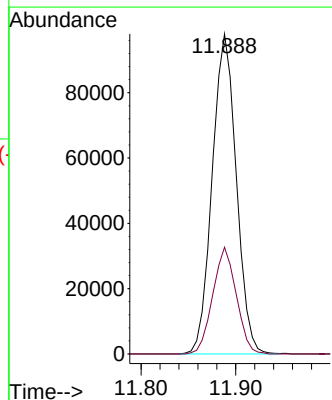
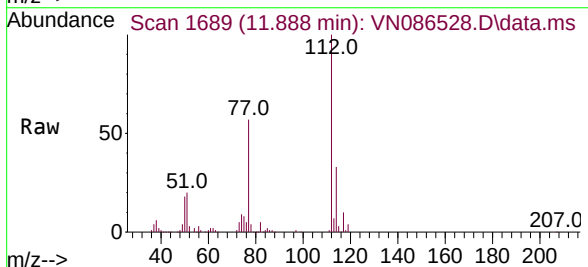
Acq: 07 May 2025 11:01

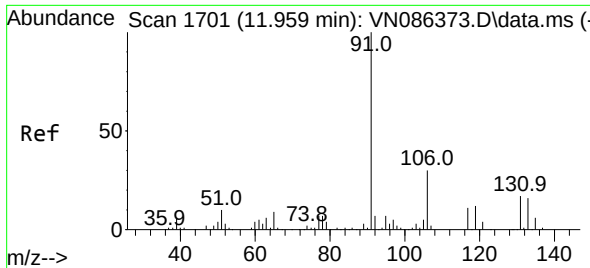
Tgt Ion: 112 Resp: 173125

Ion Ratio Lower Upper

112 100

114 33.4 25.6 38.4

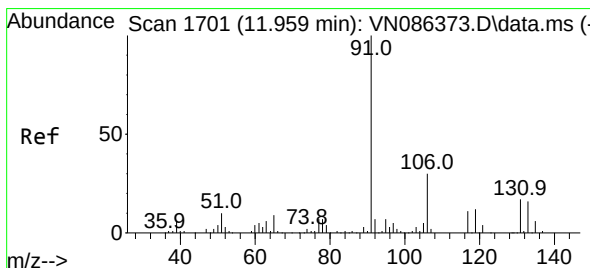
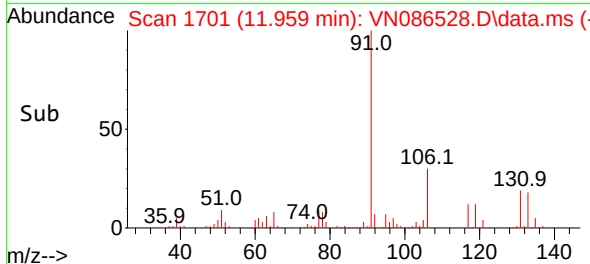
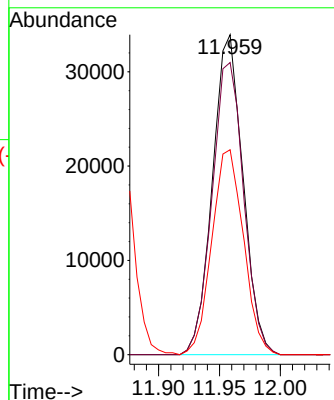
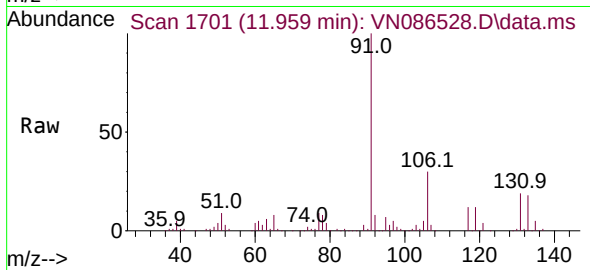




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.324 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

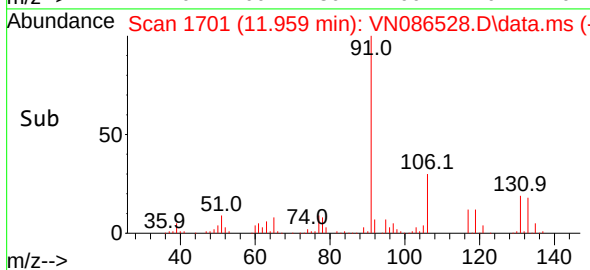
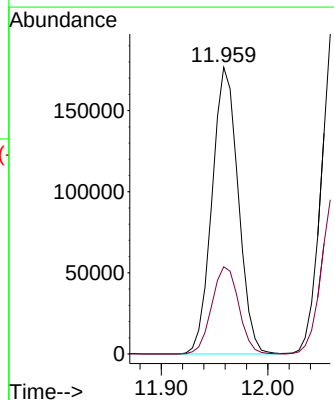
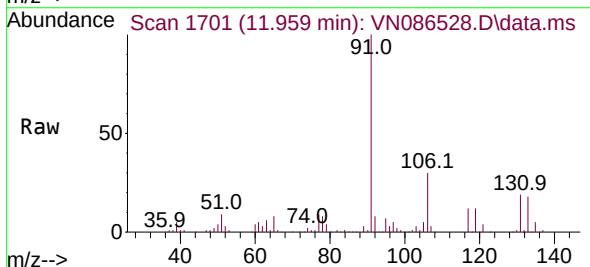
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

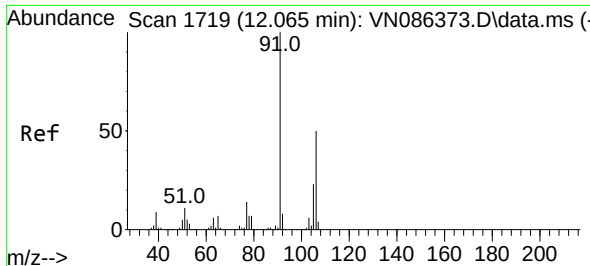
Tgt Ion:131 Resp: 59129
 Ion Ratio Lower Upper
 131 100
 133 94.8 0.0 191.4
 119 66.6 0.0 133.6



#66
 Ethyl Benzene
 Concen: 20.138 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

Tgt Ion: 91 Resp: 301687
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.3 36.5

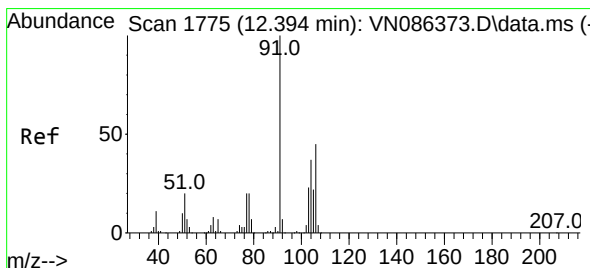
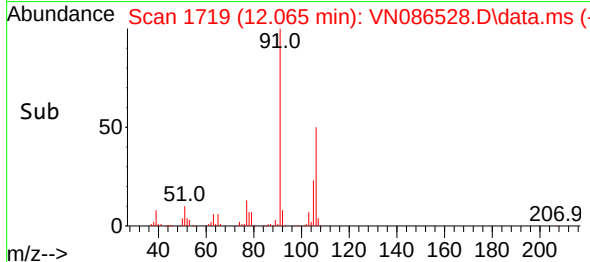
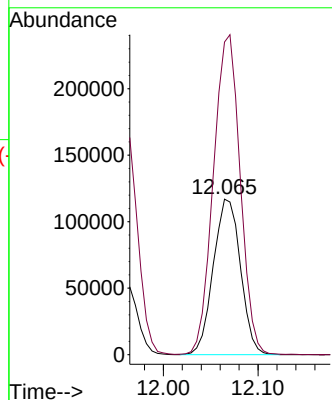
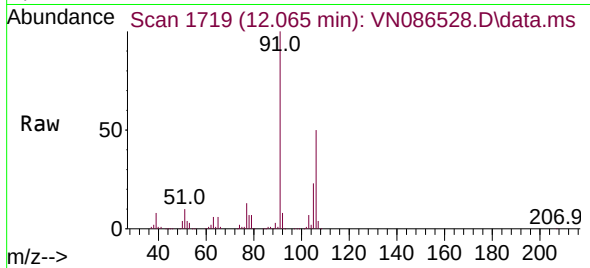




#67
m/p-Xylenes
Concen: 41.060 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

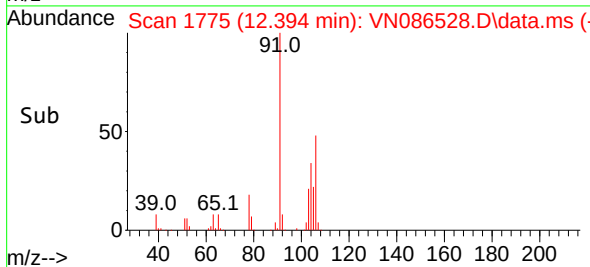
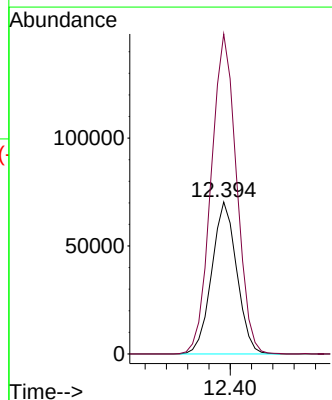
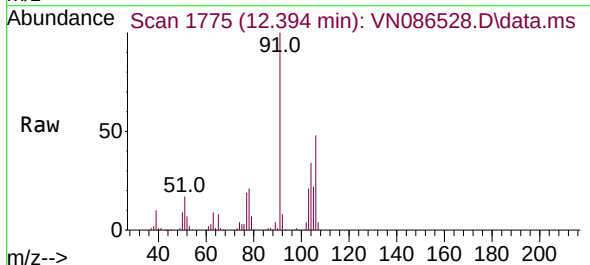
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

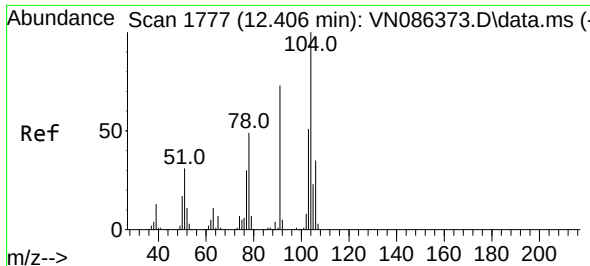
Tgt Ion:106 Resp: 233396
Ion Ratio Lower Upper
106 100
91 203.1 162.6 243.8



#68
o-Xylene
Concen: 20.605 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion:106 Resp: 114679
Ion Ratio Lower Upper
106 100
91 213.9 110.6 331.6

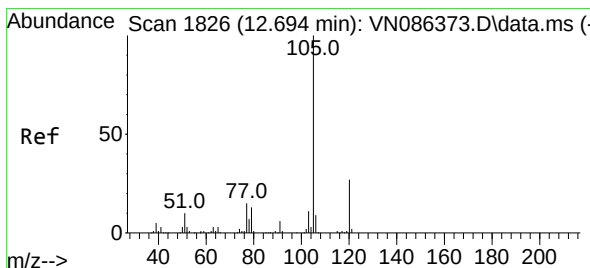
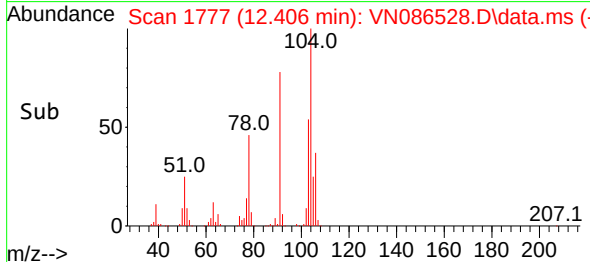
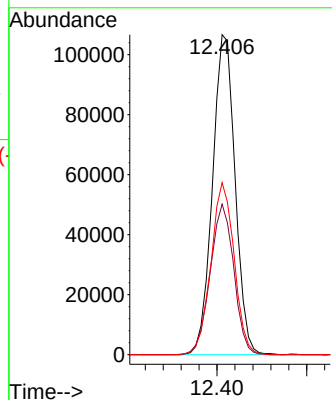
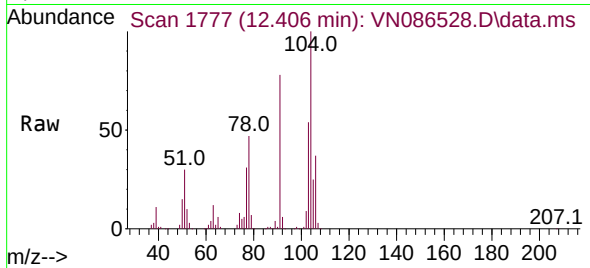




#69
Styrene
Concen: 19.789 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

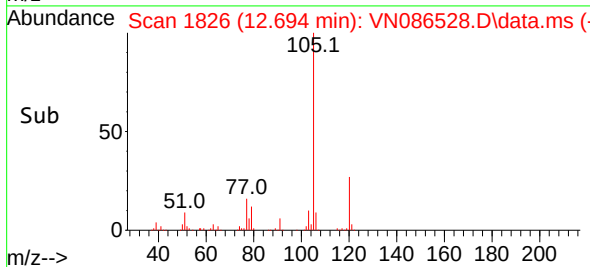
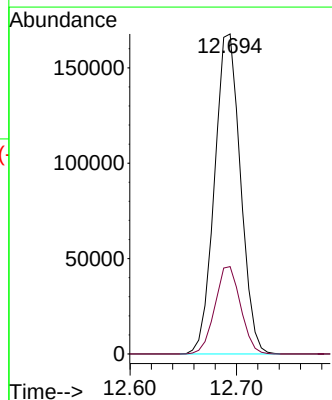
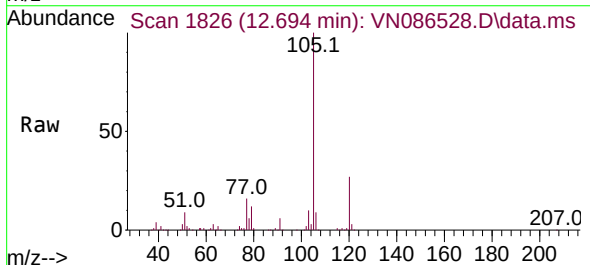
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

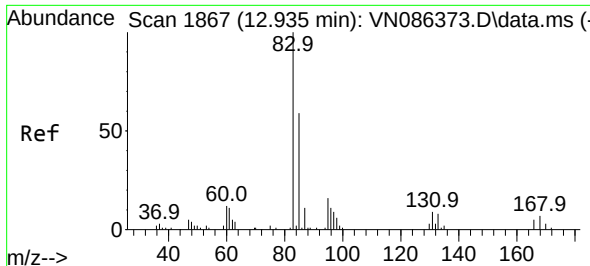
Tgt Ion:104 Resp: 186682
Ion Ratio Lower Upper
104 100
78 48.9 40.2 60.4
103 55.2 43.8 65.8



#70
Isopropylbenzene
Concen: 20.414 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion:105 Resp: 283622
Ion Ratio Lower Upper
105 100
120 27.0 18.2 33.8

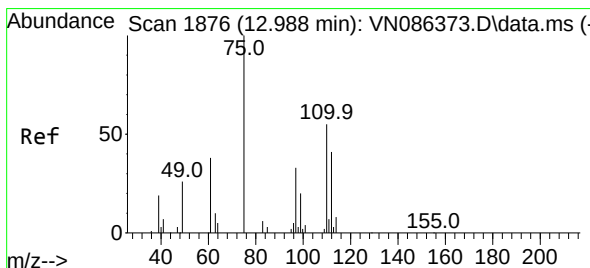
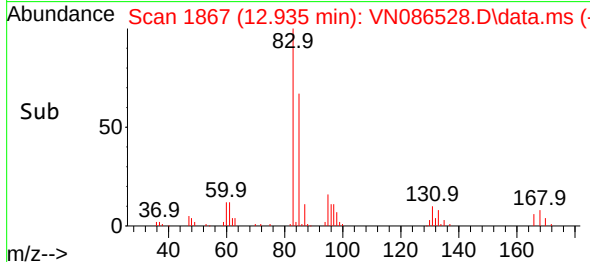
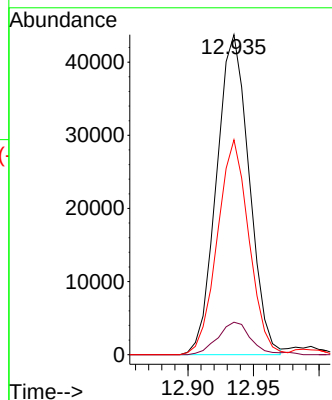
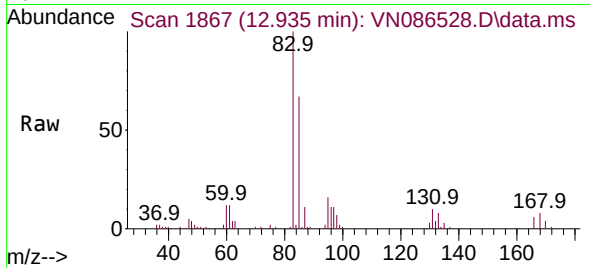




#71
1,1,2,2-Tetrachloroethane
Concen: 20.664 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

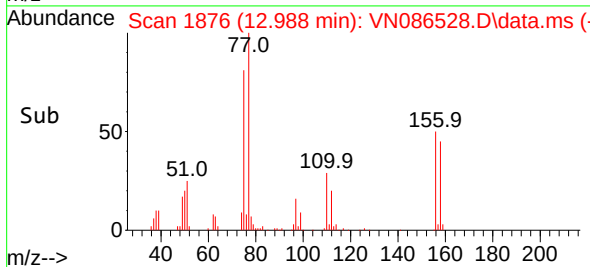
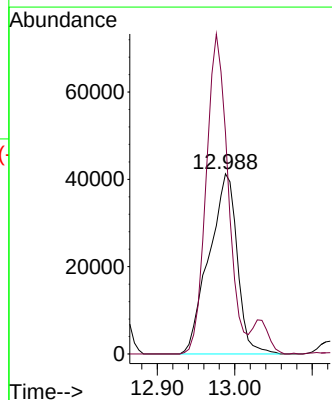
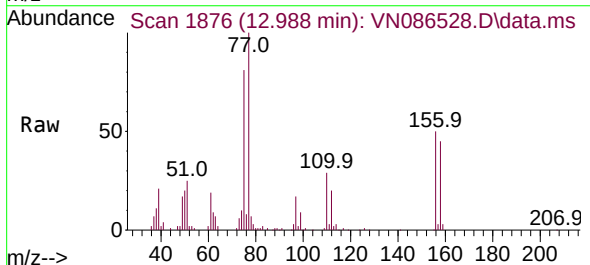
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

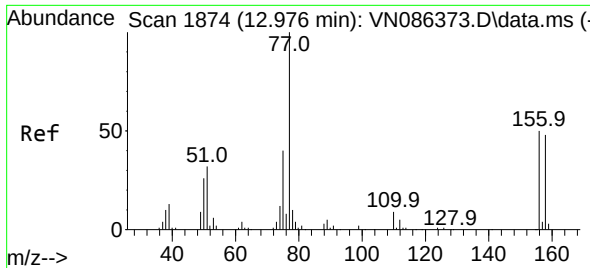
Tgt Ion: 83 Resp: 75591
Ion Ratio Lower Upper
83 100
131 10.2 4.5 13.7
85 65.1 31.7 95.1



#72
1,2,3-Trichloropropane
Concen: 32.827 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 75 Resp: 104696
Ion Ratio Lower Upper
75 100
77 137.3 0.0 464.4

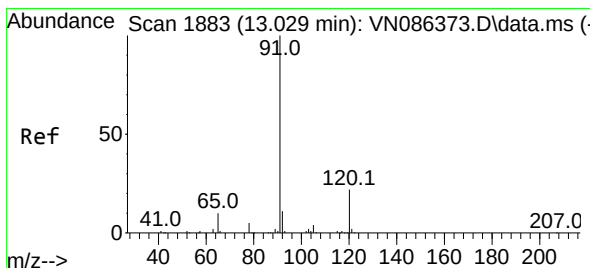
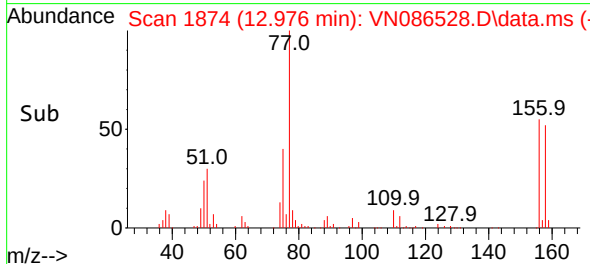
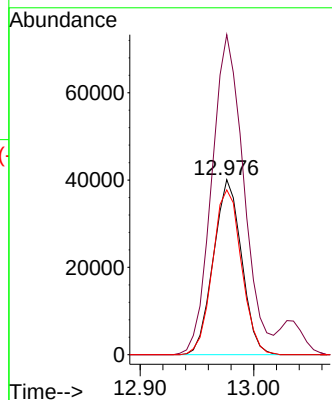
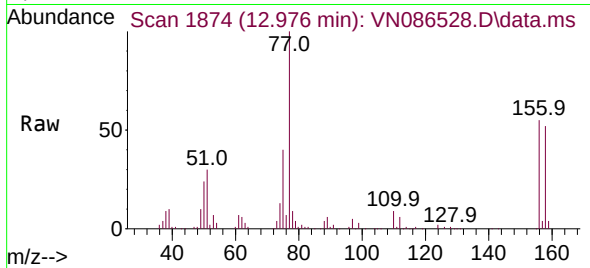




#73
Bromobenzene
Concen: 21.635 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

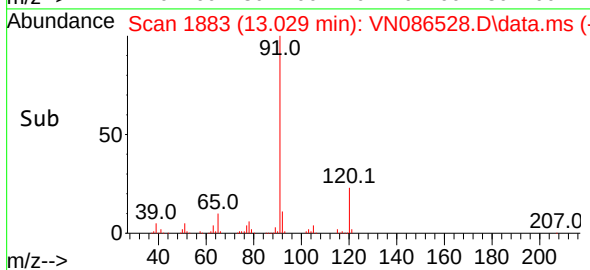
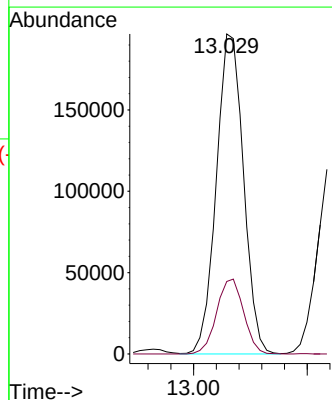
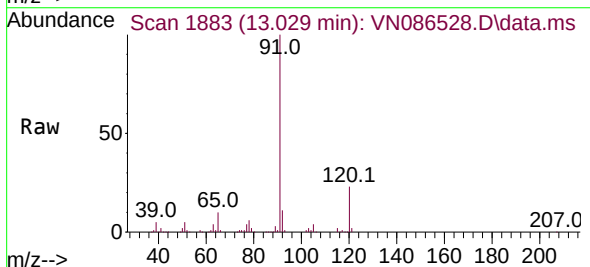
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

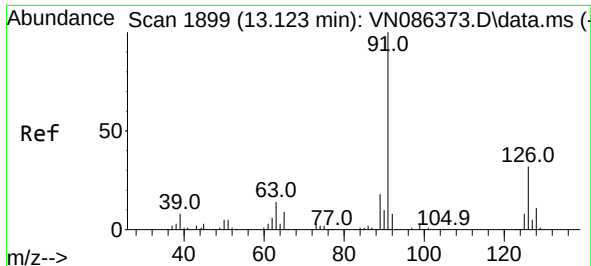
Tgt Ion:156 Resp: 69104
Ion Ratio Lower Upper
156 100
77 208.0 0.0 463.4
158 96.8 0.0 191.8



#74
n-propylbenzene
Concen: 19.787 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 91 Resp: 326678
Ion Ratio Lower Upper
91 100
120 23.2 0.0 43.8

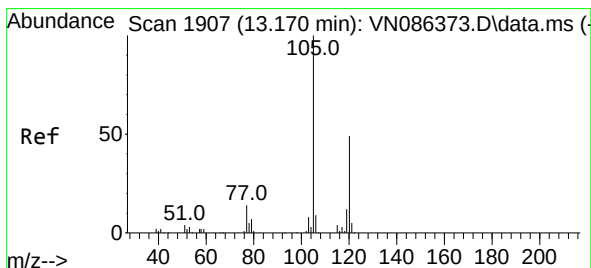
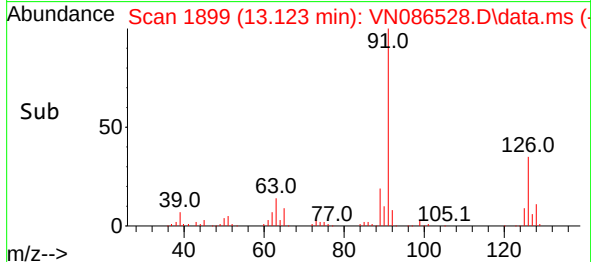
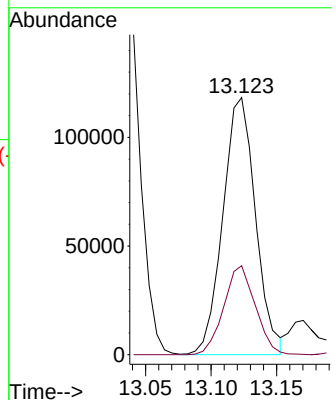
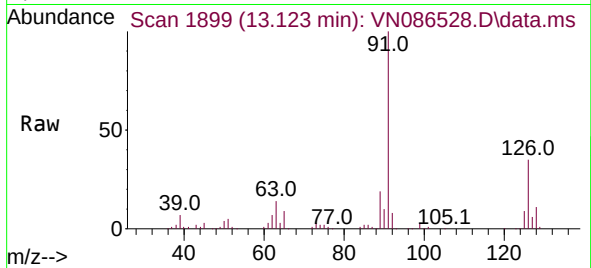




#75
2-Chlorotoluene
Concen: 19.899 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

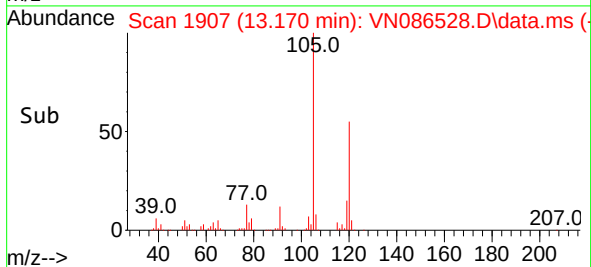
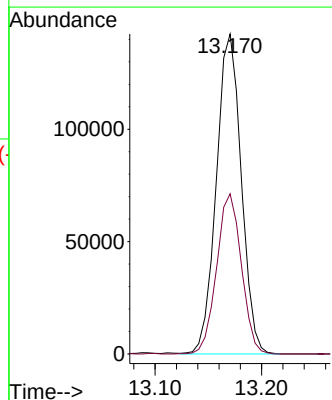
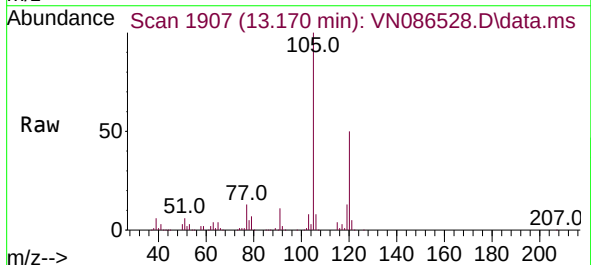
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

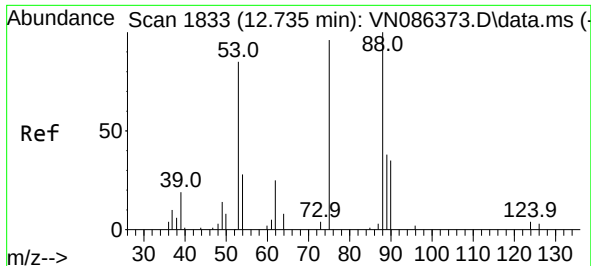
Tgt Ion: 91 Resp: 205084
Ion Ratio Lower Upper
91 100
126 33.5 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 20.275 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion:105 Resp: 231127
Ion Ratio Lower Upper
105 100
120 49.7 0.0 97.6





#77

t-1,4-Dichloro-2-butene

Concen: 17.545 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN086528.D

Acq: 07 May 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

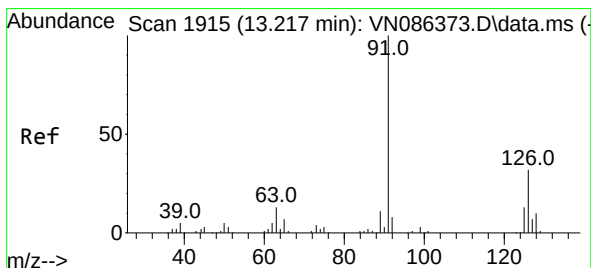
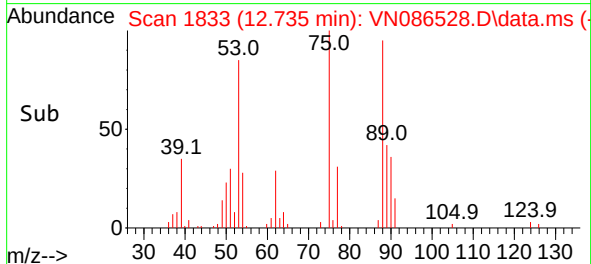
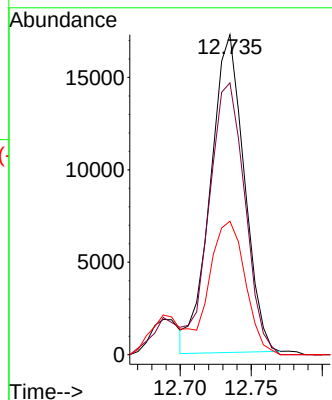
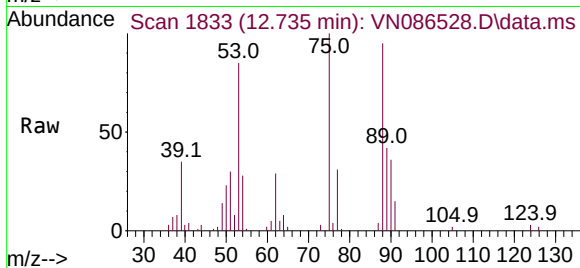
Tgt Ion: 75 Resp: 28398

Ion Ratio Lower Upper

75 100

53 85.8 46.0 138.0

89 41.2 21.6 64.6



#78

4-Chlorotoluene

Concen: 19.596 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VN086528.D

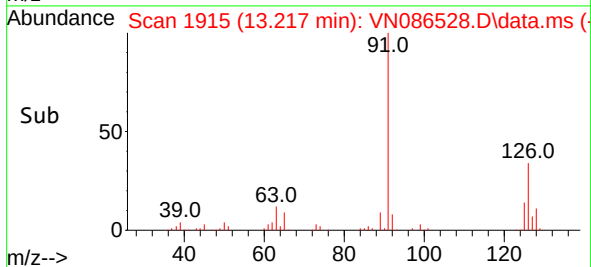
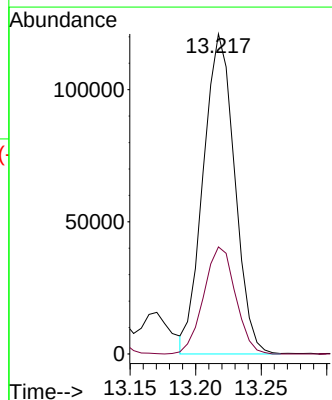
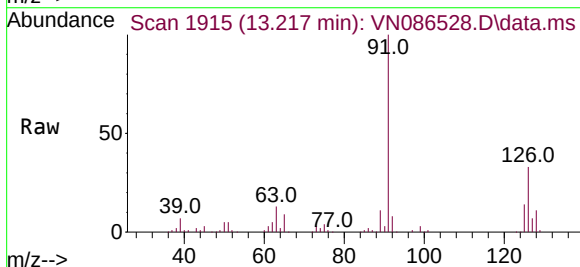
Acq: 07 May 2025 11:01

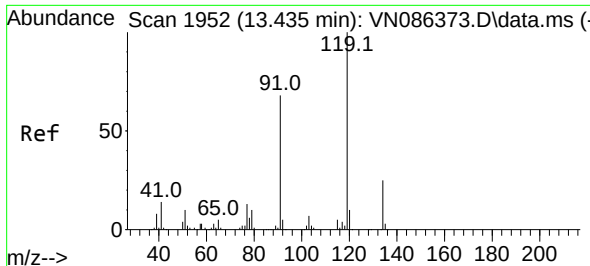
Tgt Ion: 91 Resp: 201932

Ion Ratio Lower Upper

91 100

126 33.8 0.0 65.4

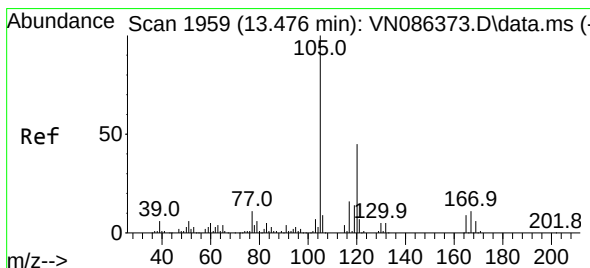
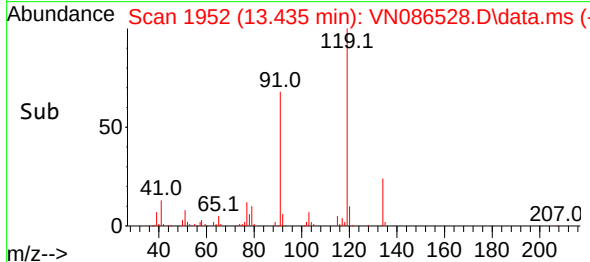
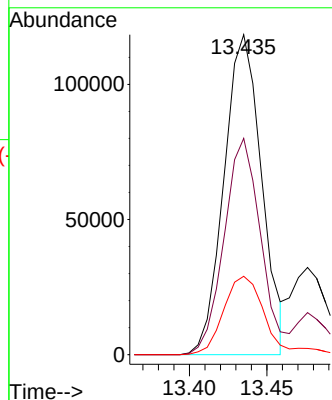
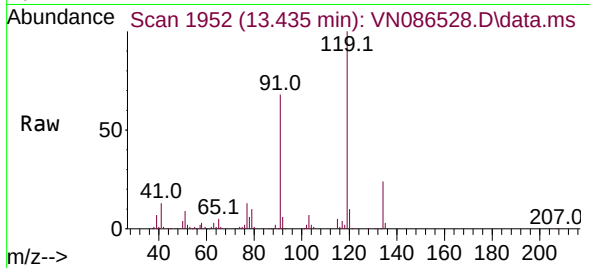




#79
tert-butylbenzene
Concen: 20.505 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

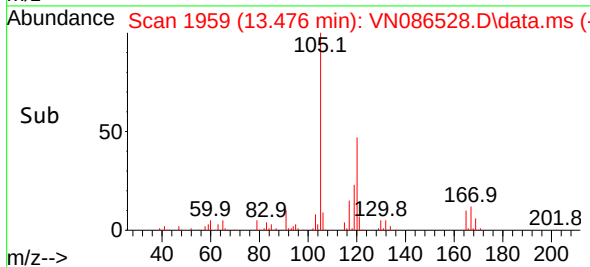
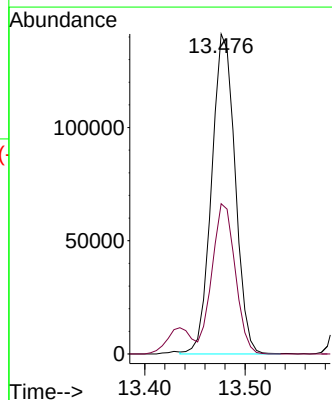
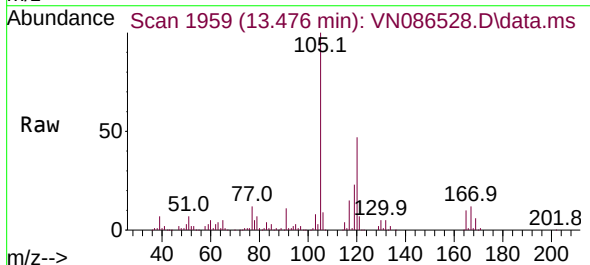
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

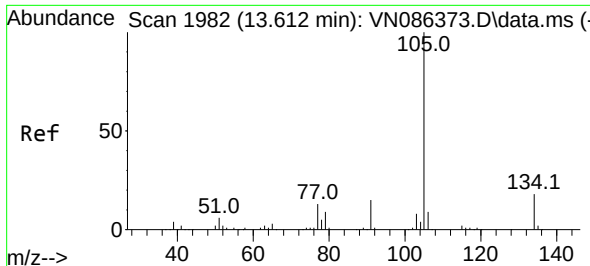
Tgt Ion:119 Resp: 200195
Ion Ratio Lower Upper
119 100
91 66.2 0.0 137.4
134 25.5 0.0 49.2



#80
1,2,4-Trimethylbenzene
Concen: 19.772 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion:105 Resp: 230192
Ion Ratio Lower Upper
105 100
120 46.2 0.0 87.6

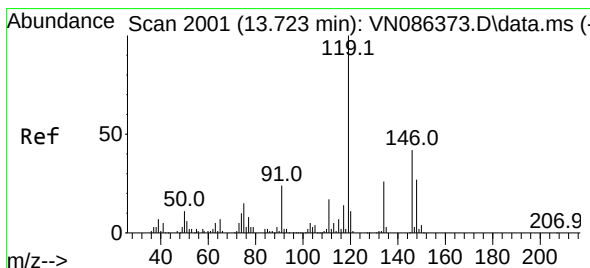
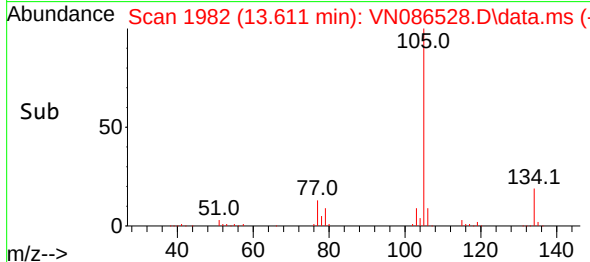
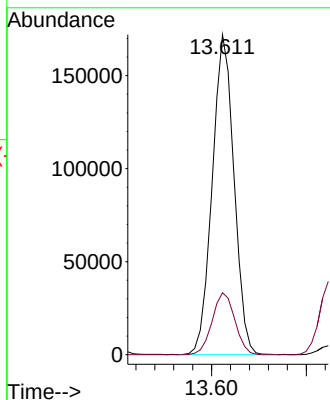
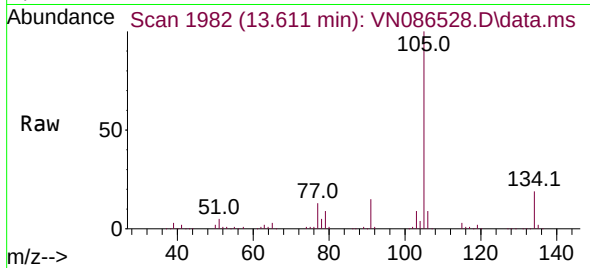




#81
 sec-Butylbenzene
 Concen: 19.696 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

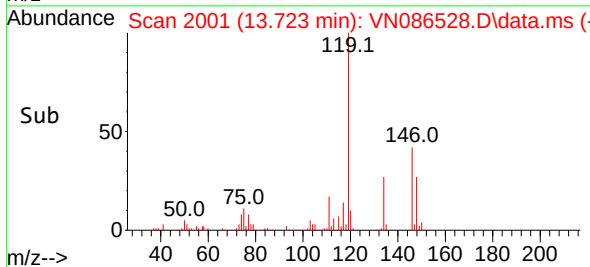
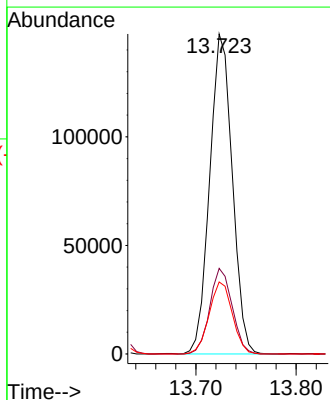
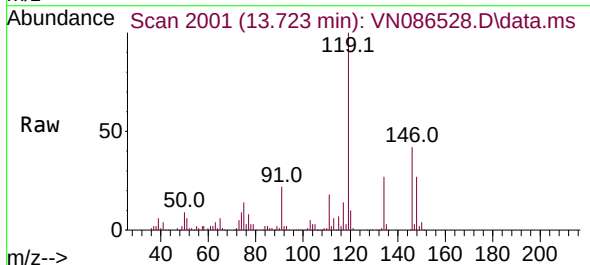
Instrument :
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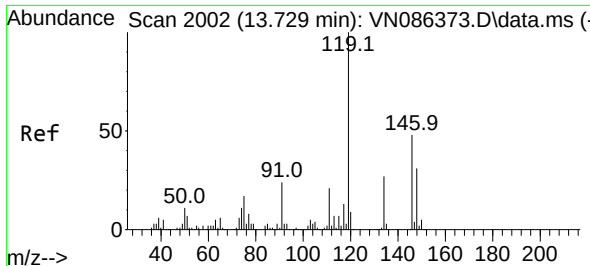
Tgt Ion:105 Resp: 274496
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 19.762 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

Tgt Ion:119 Resp: 230453
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.2
 91 23.1 0.0 47.6

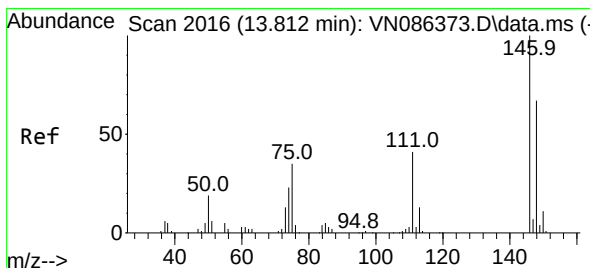
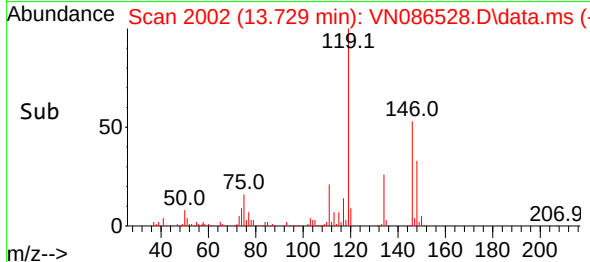
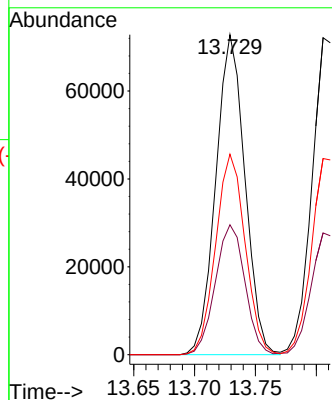
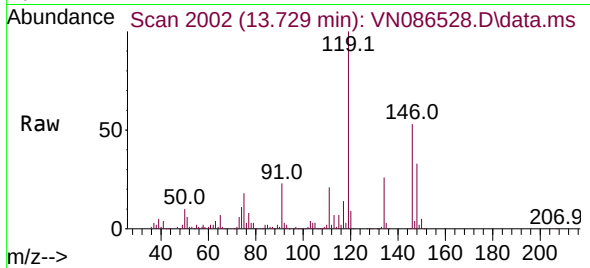




#83
1,3-Dichlorobenzene
Concen: 20.067 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

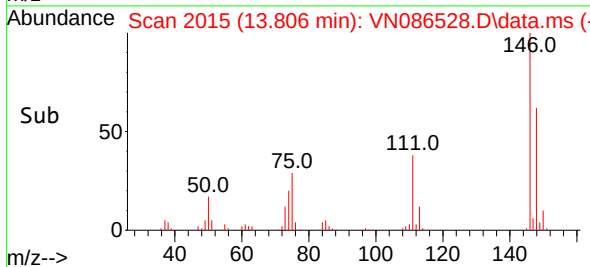
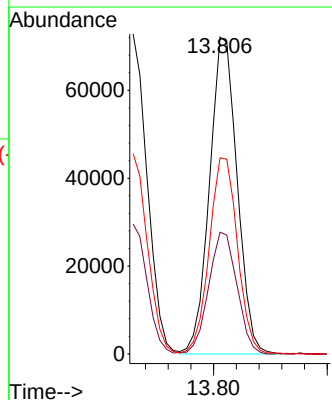
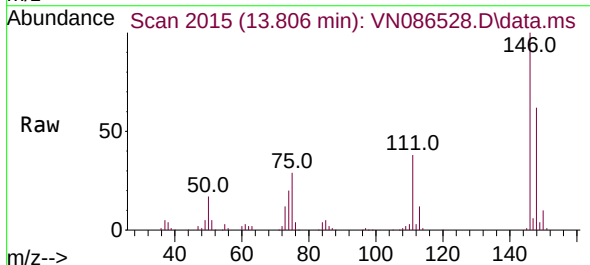
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

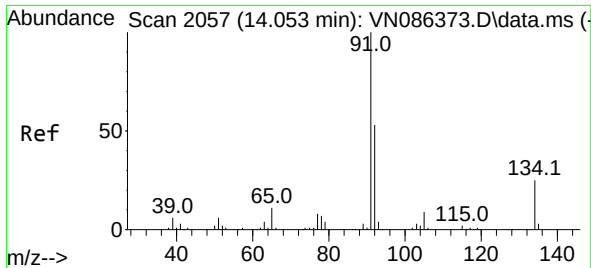
Tgt Ion:146 Resp: 121165
Ion Ratio Lower Upper
146 100
111 41.3 20.7 62.1
148 63.5 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 20.416 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion:146 Resp: 121794
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.8
148 63.3 32.4 97.2

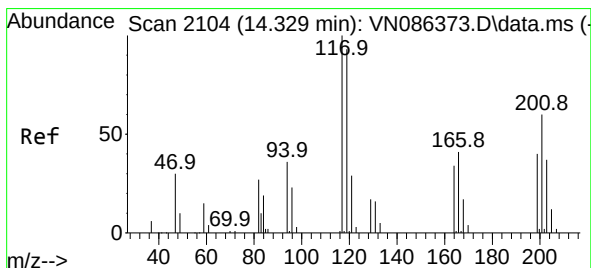
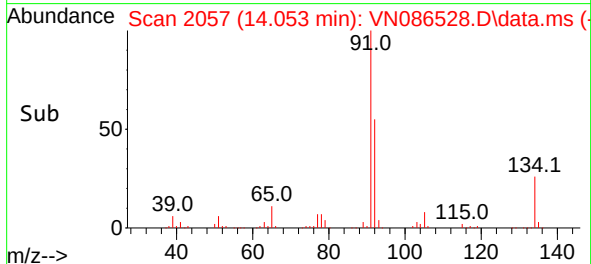
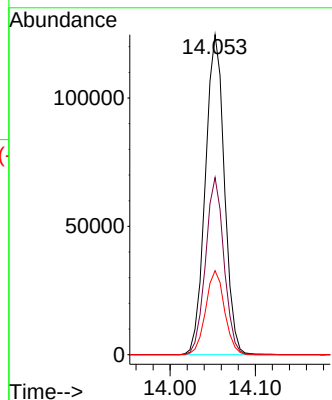
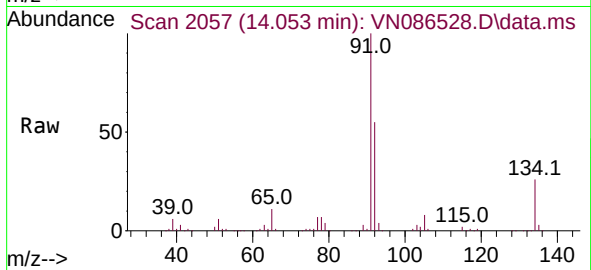




#85
n-Butylbenzene
Concen: 18.609 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

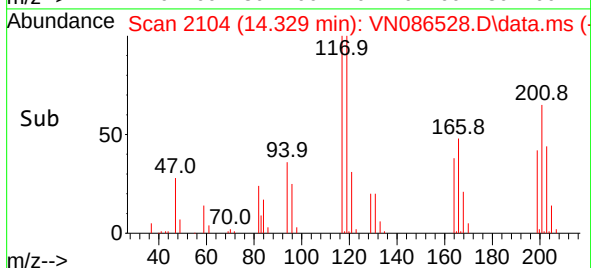
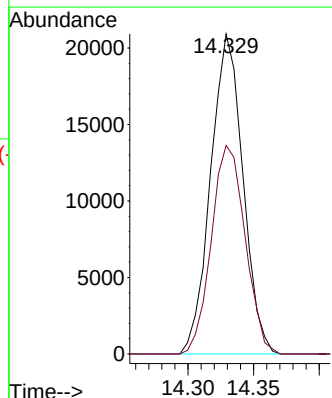
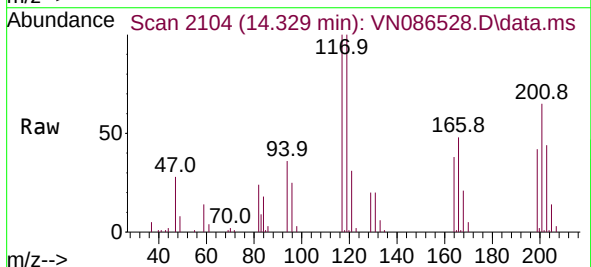
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

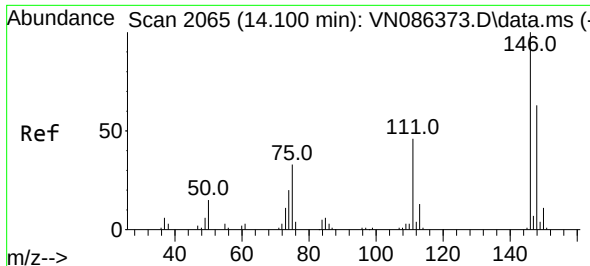
Tgt Ion: 91 Resp: 193640
Ion Ratio Lower Upper
91 100
92 53.6 0.0 107.2
134 26.0 0.0 48.2



#86
Hexachloroethane
Concen: 18.778 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 117 Resp: 35807
Ion Ratio Lower Upper
117 100
201 68.2 31.7 95.1

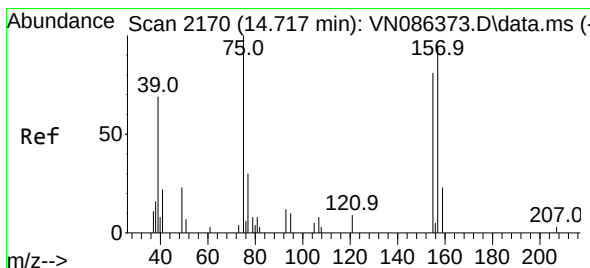
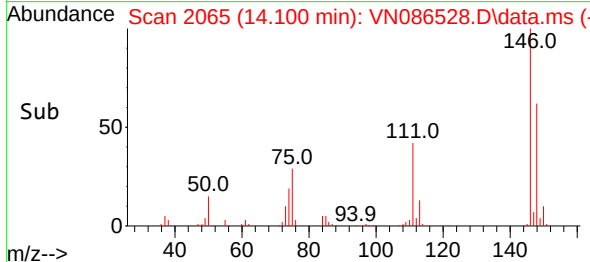
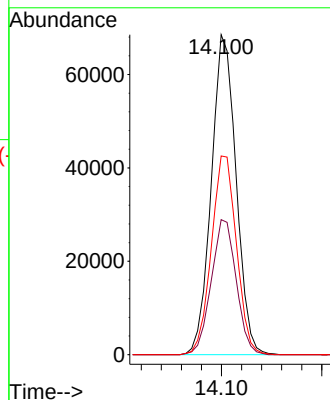
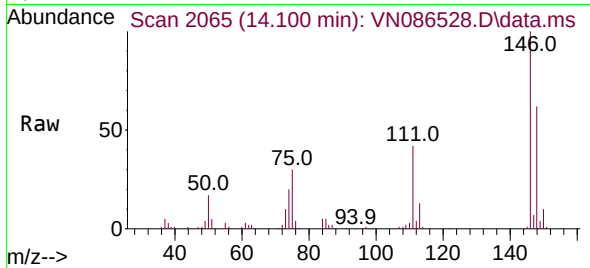




#87
1,2-Dichlorobenzene
Concen: 20.439 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

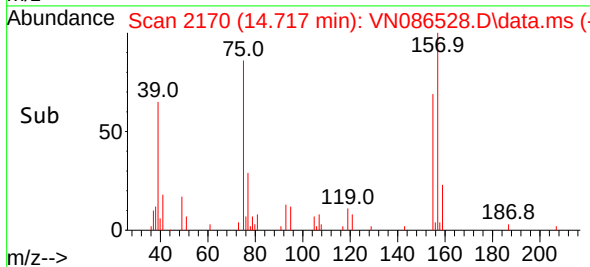
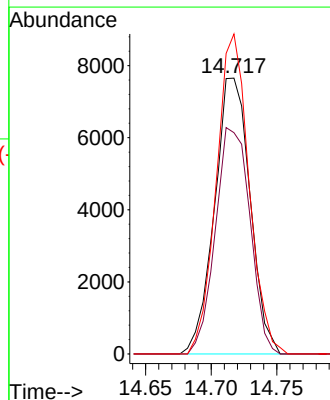
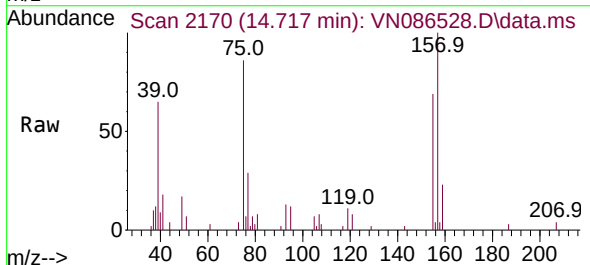
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

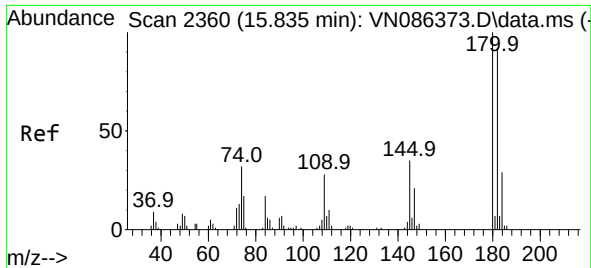
Tgt Ion:146 Resp: 117423
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 62.9 32.0 96.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.407 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion: 75 Resp: 14430
Ion Ratio Lower Upper
75 100
155 79.8 64.0 96.0
157 106.2 78.2 117.4

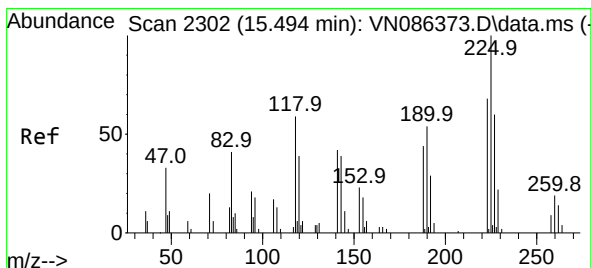
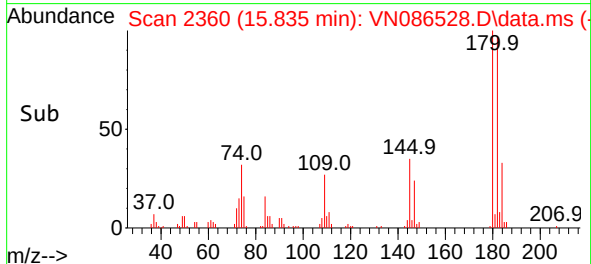
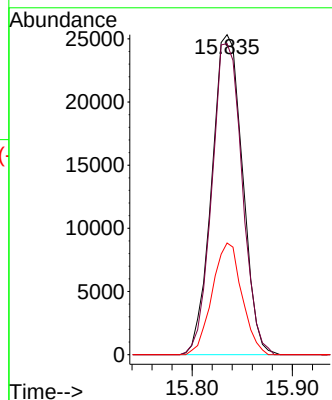
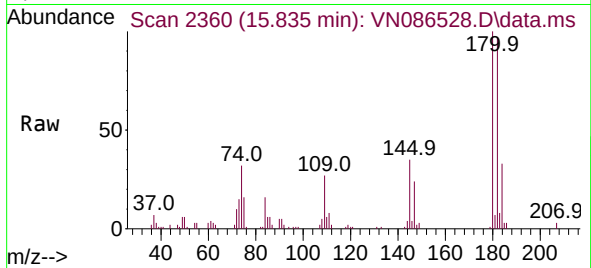




#89
 1,2,4-Trichlorobenzene
 Concen: 20.589 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

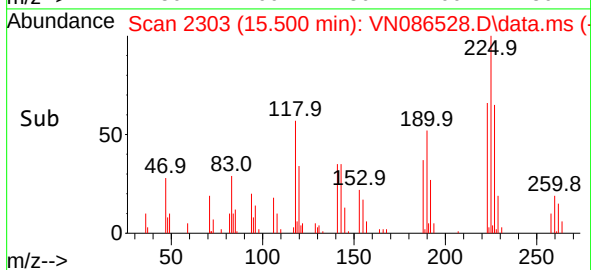
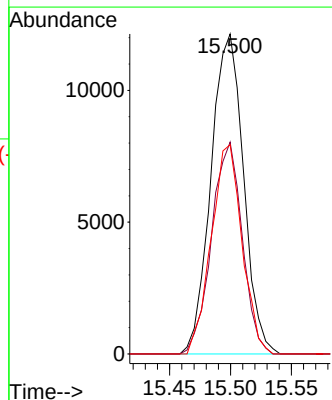
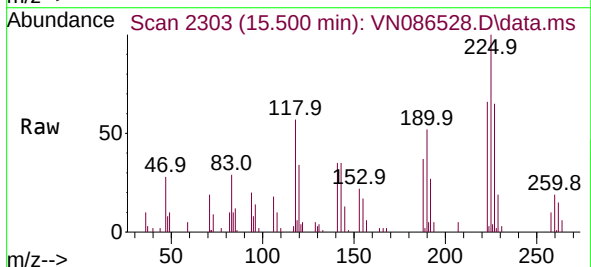
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

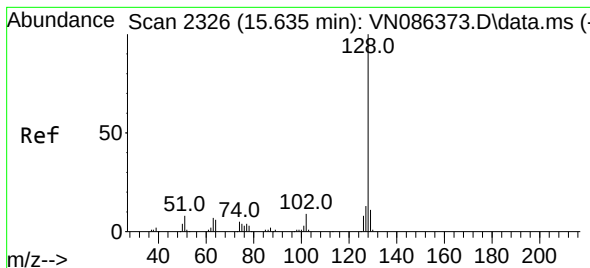
Tgt Ion:180 Resp: 53911
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.8 112.2
 145 33.6 26.9 40.3



#90
 Hexachlorobutadiene
 Concen: 21.397 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN086528.D
 Acq: 07 May 2025 11:01

Tgt Ion:225 Resp: 22568
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 128.8
 227 62.0 0.0 120.2

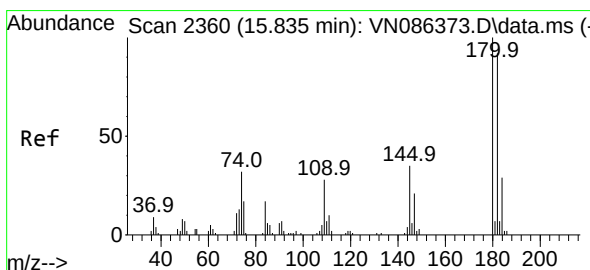
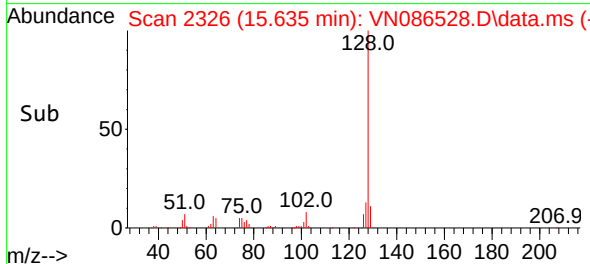
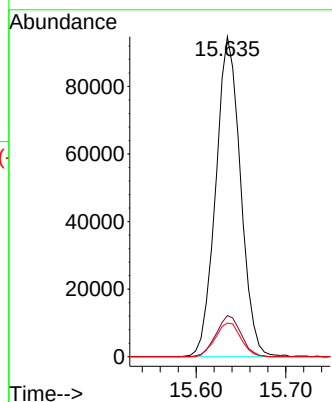
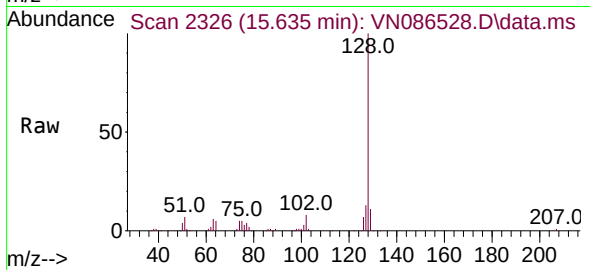




#91
Naphthalene
Concen: 19.374 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 181619
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.589 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086528.D
Acq: 07 May 2025 11:01

Tgt Ion:180 Resp: 53911
Ion Ratio Lower Upper
180 100
182 95.7 0.0 187.0
145 33.6 0.0 67.2

