

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053025\
 Data File : VN086826.D
 Acq On : 30 May 2025 09:59
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: May 31 03:43:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	54134	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	326504	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	274135	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	112410	30.223	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.733%	
60) 4-Bromofluorobenzene	12.847	95	126595	29.413	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.033%	
63) Toluene-d8	10.565	98	382077	30.366	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.233%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	68350	18.590	ug/l	96
3) Chloromethane	2.371	50	150394	31.726	ug/l	98
4) Vinyl Chloride	2.530	62	76654	17.571	ug/l	96
5) Bromomethane	2.977	94	32251	13.953	ug/l	97
6) Chloroethane	3.136	64	50074	18.767	ug/l	98
7) Trichlorofluoromethane	3.506	101	96262	18.840	ug/l	99
8) Diethyl Ether	3.942	74	42384	19.886	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	61846	19.750	ug/l	99
10) 1,1-Dichloroethene	4.318	96	61484	19.259	ug/l	98
11) Methyl Iodide	4.571	142	44355	11.786	ug/l	97
12) Methyl Acetate	5.006	43	70975	20.019	ug/l	97
13) Acrolein	4.159	56	55289	150.954	ug/l	100
14) Acrylonitrile	5.706	53	159621	96.747	ug/l	98
15) Acetone	4.406	58	49390	118.232	ug/l	100
16) Carbon Disulfide	4.695	76	169325	18.170	ug/l	99
17) Allyl chloride	5.006	41	97109	20.475	ug/l	98
18) Methylene Chloride	5.259	84	69444	18.731	ug/l	98
19) trans-1,2-Dichloroethene	5.765	96	64643	19.349	ug/l	95
20) Diisopropyl ether	6.659	45	218382	20.907	ug/l	98
21) 1,1-Dichloroethane	6.559	63	122621	19.452	ug/l	99
22) cis-1,2-Dichloroethene	7.477	96	80675	19.940	ug/l	100
23) tert-Butyl Alcohol	5.506	59	57731	108.963	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	220310	20.939	ug/l	99
25) Chloroform	7.959	83	119159	19.313	ug/l	98
26) Cyclohexane	8.247	56	111489	20.435	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	89950	18.737	ug/l	100
30) 2-Butanone	7.471	43	214838	102.140	ug/l	99
31) 2,2-Dichloropropane	7.483	77	110026	19.417	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	105441	18.948	ug/l	98
33) Carbon Tetrachloride	8.353	117	87675	18.431	ug/l	96
34) Benzene	8.600	78	289535	18.537	ug/l	98
35) Methacrylonitrile	7.771	41	48969	20.267	ug/l	96
36) 1,2-Dichloroethane	8.665	62	85017	18.574	ug/l	99
37) Trichloroethene	9.347	130	71675	16.543	ug/l	97
38) Methylcyclohexane	9.594	83	106228	19.944	ug/l	99
39) 1,2-Dichloropropane	9.618	63	70811	18.831	ug/l	96
40) Dibromomethane	9.700	93	45185	18.372	ug/l	97
41) Bromodichloromethane	9.883	83	95591	18.567	ug/l	99
42) Vinyl Acetate	6.589	43	670946	109.433	ug/l	99

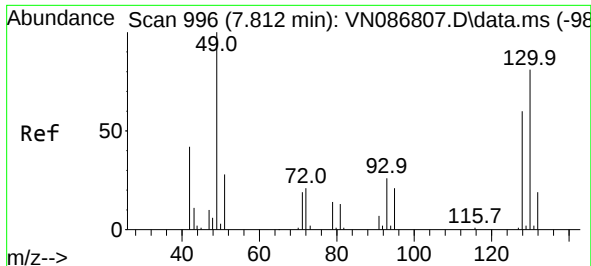
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053025\
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 ClientSampleId :
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Quant Time: May 31 03:43:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	77988	18.120	ug/l	99
44) Isopropyl Acetate	8.683	43	148346	20.092	ug/l	99
45) 1,4-Dioxane	9.688	88	23881	363.910	ug/l #	94
46) Methyl methacrylate	9.677	41	70154	20.607	ug/l	92
47) n-amyl Acetate	12.494	43	116531	19.660	ug/l	91
48) t-1,3-Dichloropropene	10.829	75	107050	19.431	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	117114	19.327	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	65403	18.881	ug/l	95
51) Ethyl methacrylate	10.871	69	111947	19.954	ug/l	99
52) 1,3-Dichloropropane	11.159	76	113396	18.446	ug/l	99
53) Dibromochloromethane	11.353	129	71870	18.360	ug/l	99
54) 1,2-Dibromoethane	11.465	107	66034	18.649	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	254997	94.691	ug/l	98
56) Bromoform	12.576	173	44823	18.173	ug/l #	99
58) 4-Methyl-2-Pentanone	10.441	43	408521	101.560	ug/l	98
59) 2-Hexanone	11.194	43	284615	98.779	ug/l	99
61) Tetrachloroethene	11.100	164	70755	15.355	ug/l	90
62) Toluene	10.624	91	306490	19.851	ug/l	100
64) Chlorobenzene	11.888	112	190679	19.366	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	64396	19.908	ug/l	98
66) Ethyl Benzene	11.959	91	329097	19.707	ug/l	96
67) m/p-Xylenes	12.071	106	254012	38.762	ug/l	98
68) o-Xylene	12.394	106	124909	19.668	ug/l	99
69) Styrene	12.406	104	205605	19.432	ug/l	99
70) Isopropylbenzene	12.694	105	301147	19.937	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	84722	23.591	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	117504	27.917	ug/l	59
73) Bromobenzene	12.976	156	69958	18.633	ug/l	98
74) n-propylbenzene	13.035	91	339456	18.972	ug/l	98
75) 2-Chlorotoluene	13.123	91	217002	18.896	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	245606	19.545	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	36982	21.470	ug/l	96
78) 4-Chlorotoluene	13.218	91	211616	18.602	ug/l	100
79) tert-butylbenzene	13.435	119	205432	18.908	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	242996	19.265	ug/l	98
81) sec-Butylbenzene	13.612	105	281962	19.050	ug/l	99
82) p-Isopropyltoluene	13.729	119	242228	19.490	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	123483	17.928	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	126221	18.415	ug/l	99
85) n-Butylbenzene	14.053	91	199129	19.138	ug/l	99
86) Hexachloroethane	14.329	117	40802	19.263	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	120865	18.191	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	18328	24.234	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	60998	21.937	ug/l	97
90) Hexachlorobutadiene	15.500	225	21540	18.074	ug/l	97
91) Naphthalene	15.635	128	228760	23.579	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	60998	21.937	ug/l	97

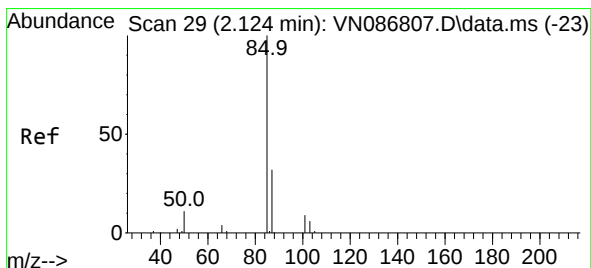
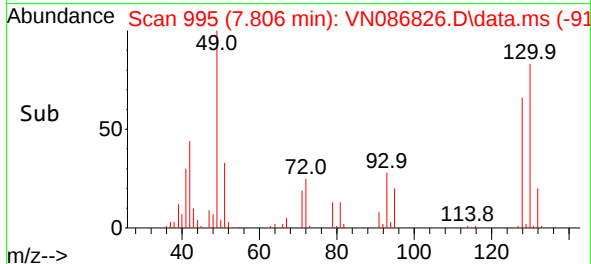
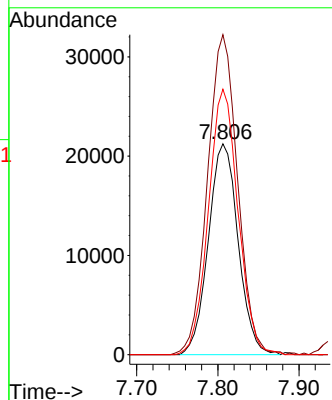
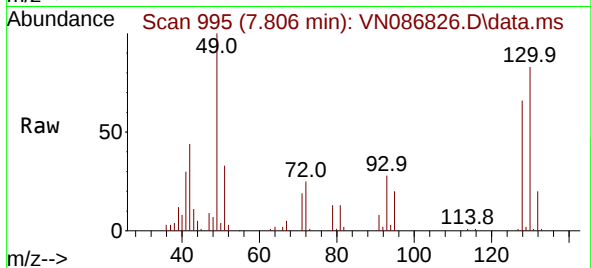
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

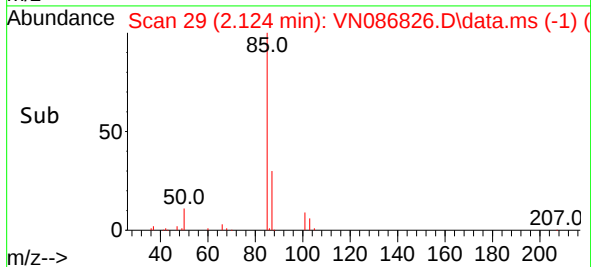
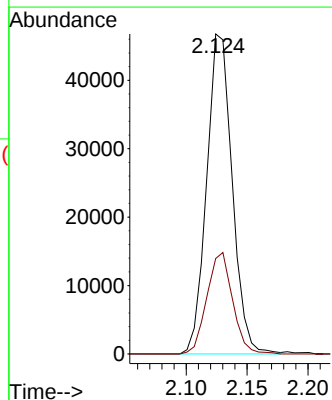
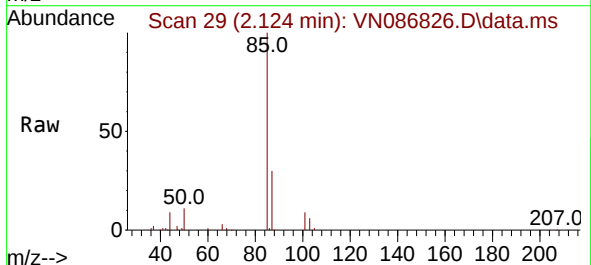
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

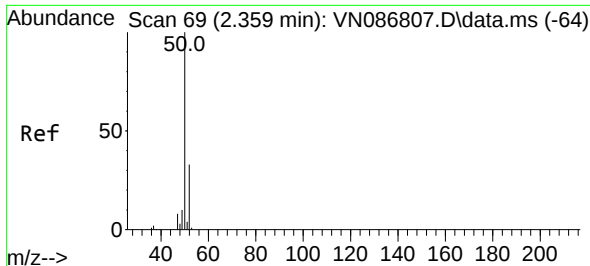
Tgt Ion:128 Resp: 54134
Ion Ratio Lower Upper
128 100
49 153.3 0.0 404.5
130 125.5 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 18.590 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 85 Resp: 68350
Ion Ratio Lower Upper
85 100
87 29.8 15.9 47.7

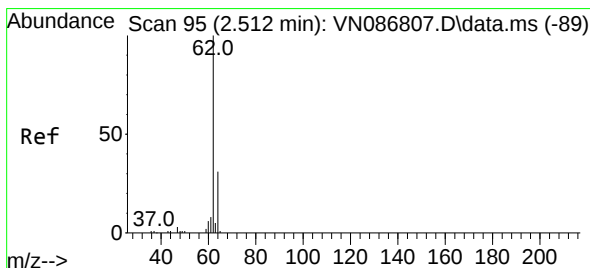
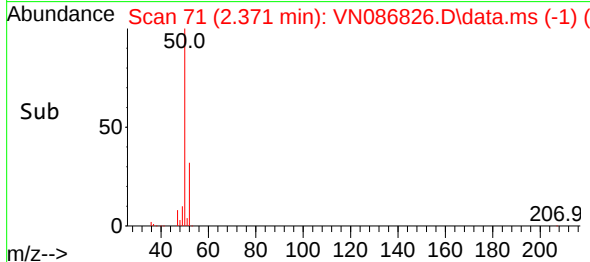
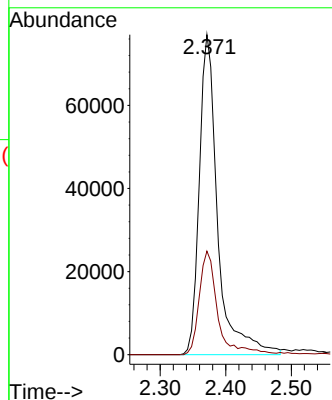
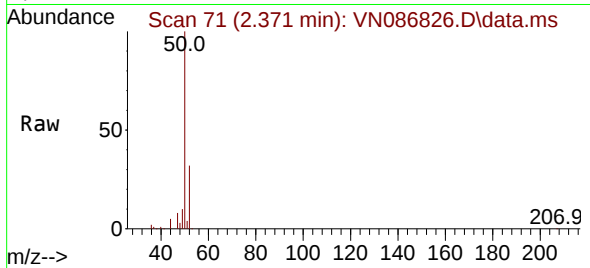




#3
Chloromethane
Concen: 31.726 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

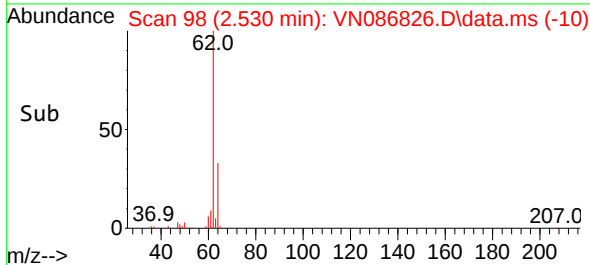
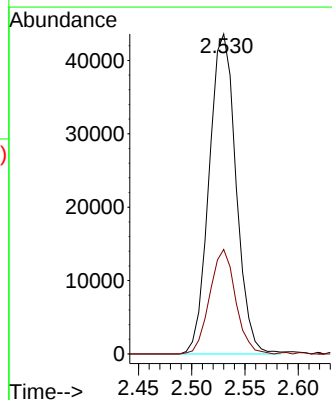
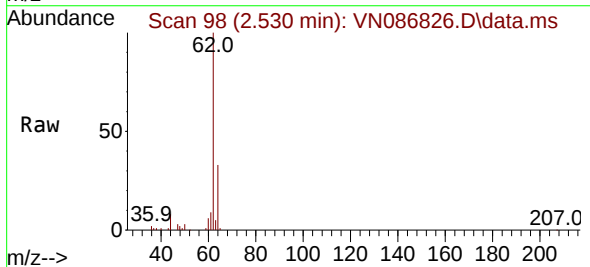
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

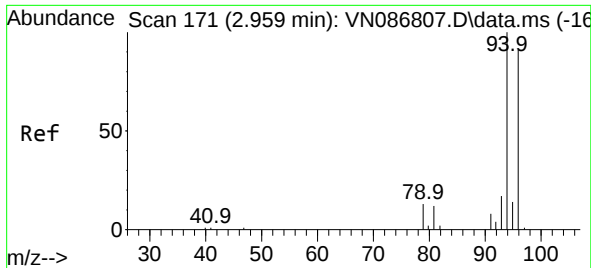
Tgt Ion: 50 Resp: 150394
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 17.571 ug/l
RT: 2.530 min Scan# 98
Delta R.T. 0.018 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 62 Resp: 76654
Ion Ratio Lower Upper
62 100
64 32.7 24.6 36.8

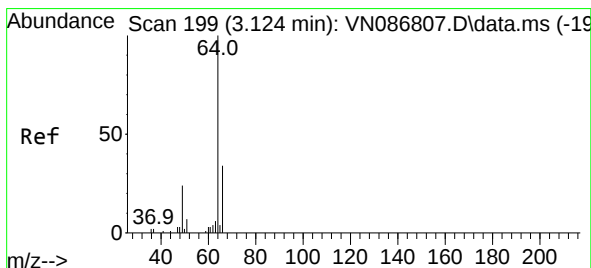
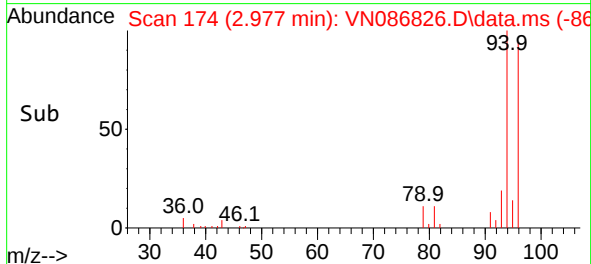
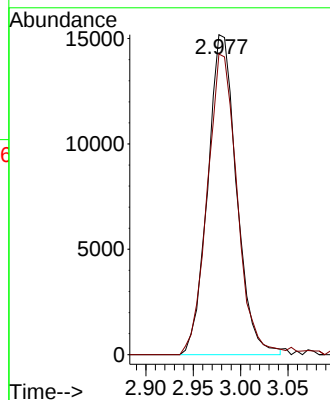
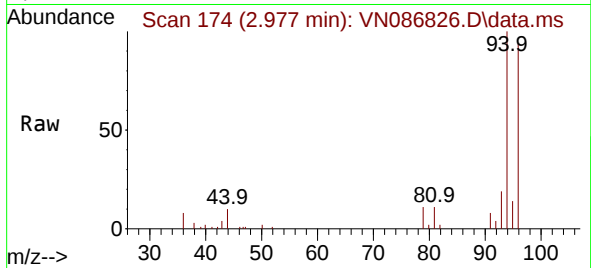




#5
Bromomethane
Concen: 13.953 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

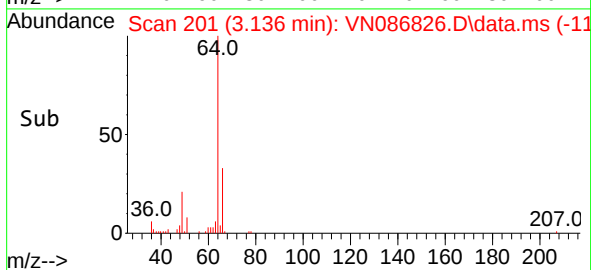
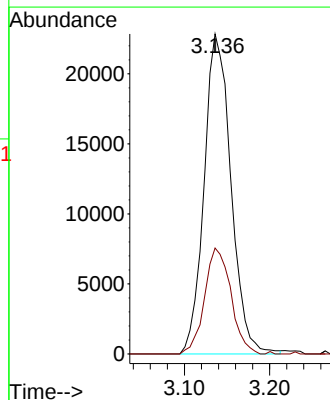
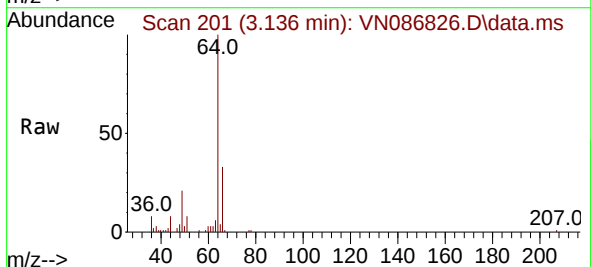
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ClientSampleId :
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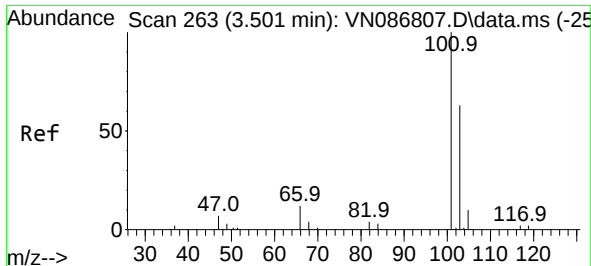
Tgt Ion: 94 Resp: 32251
Ion Ratio Lower Upper
94 100
96 93.9 72.7 109.1



#6
Chloroethane
Concen: 18.767 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 64 Resp: 50074
Ion Ratio Lower Upper
64 100
66 33.1 27.5 41.3

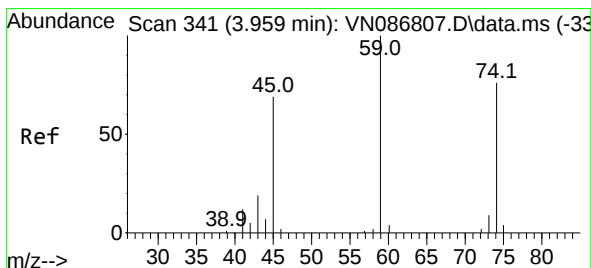
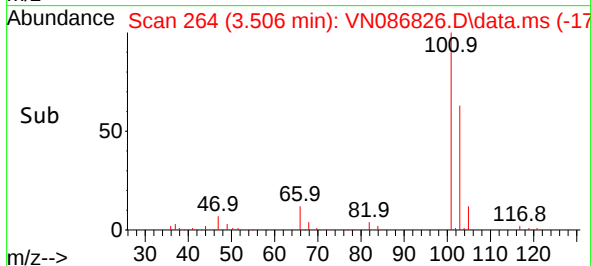
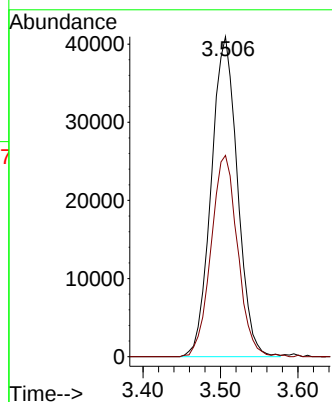
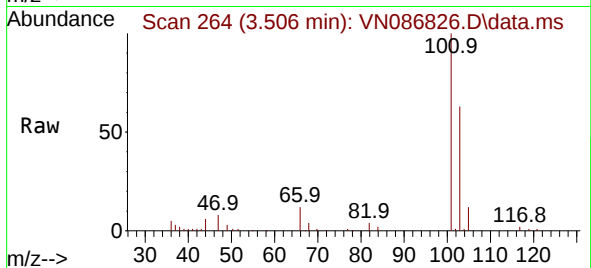




#7
 Trichlorofluoromethane
 Concen: 18.840 ug/l
 RT: 3.506 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086826.D
 Acq: 30 May 2025 09:59

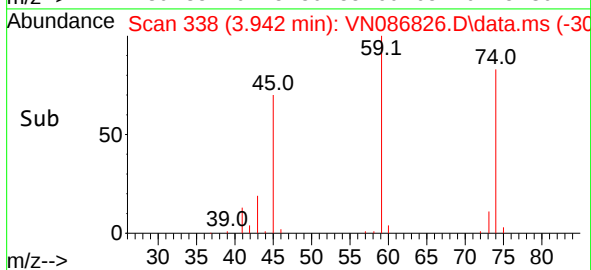
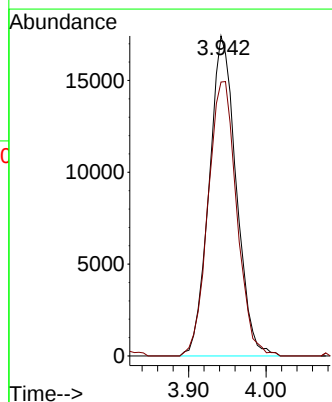
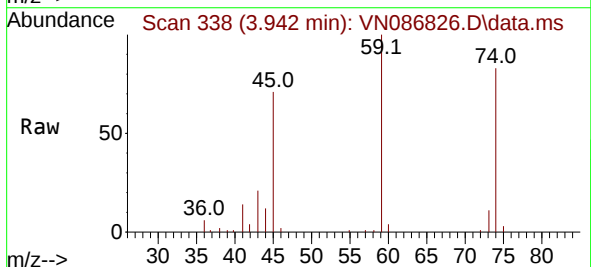
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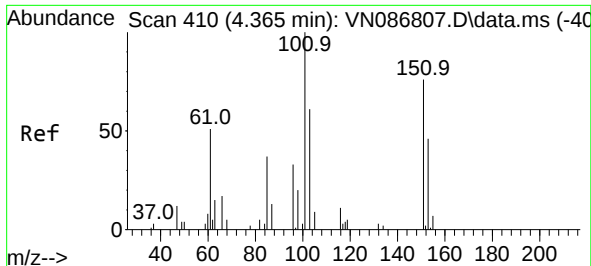
Tgt Ion:101 Resp: 96262
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.0 75.0



#8
 Diethyl Ether
 Concen: 19.886 ug/l
 RT: 3.942 min Scan# 338
 Delta R.T. -0.018 min
 Lab File: VN086826.D
 Acq: 30 May 2025 09:59

Tgt Ion: 74 Resp: 42384
 Ion Ratio Lower Upper
 74 100
 45 90.3 17.9 161.5

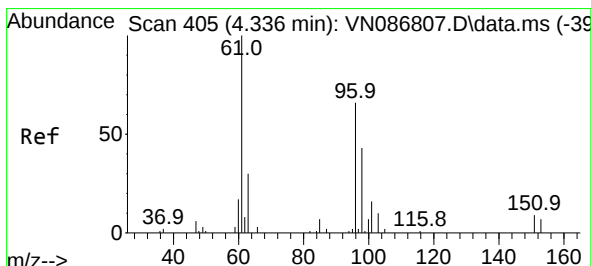
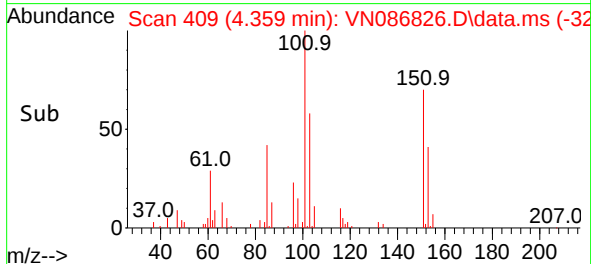
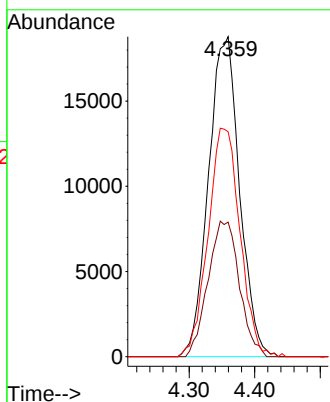
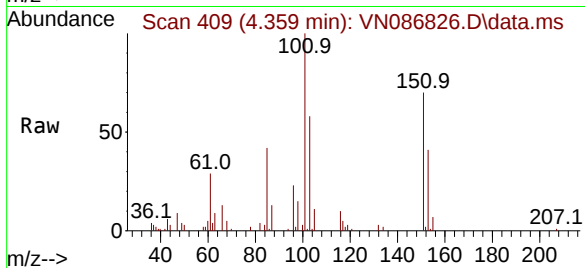




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.750 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

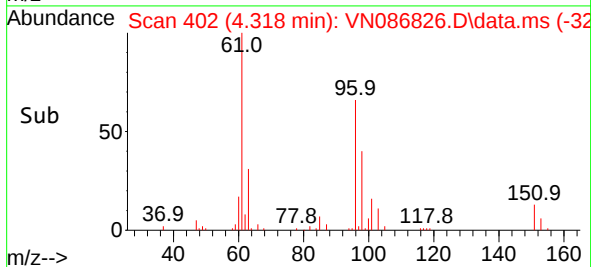
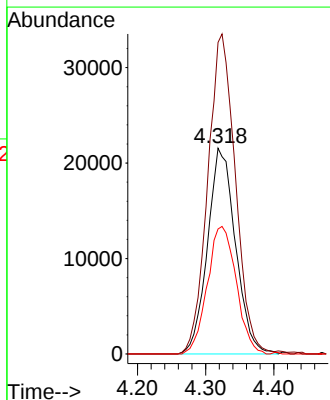
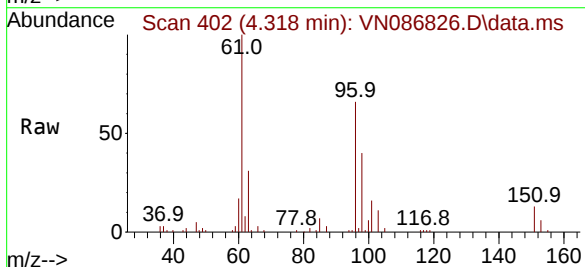
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

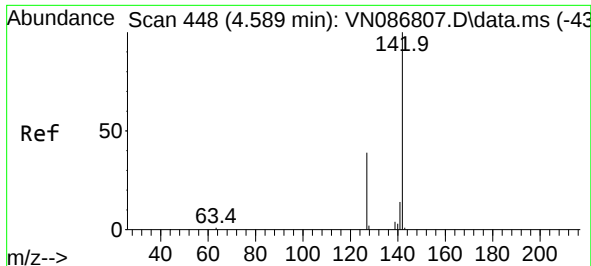
Tgt Ion:101 Resp: 61846
Ion Ratio Lower Upper
101 100
85 42.7 0.0 83.2
151 73.2 0.0 145.6



#10
1,1-Dichloroethene
Concen: 19.259 ug/l
RT: 4.318 min Scan# 402
Delta R.T. -0.018 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 96 Resp: 61484
Ion Ratio Lower Upper
96 100
61 151.4 121.7 182.5
98 60.7 51.9 77.9

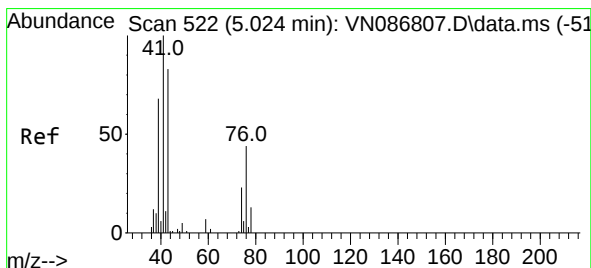
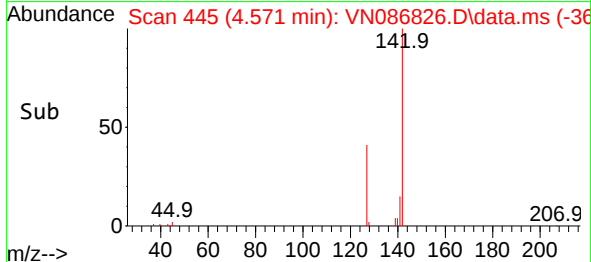
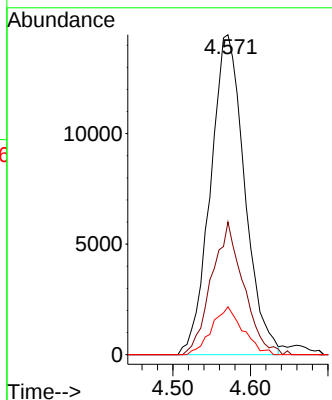
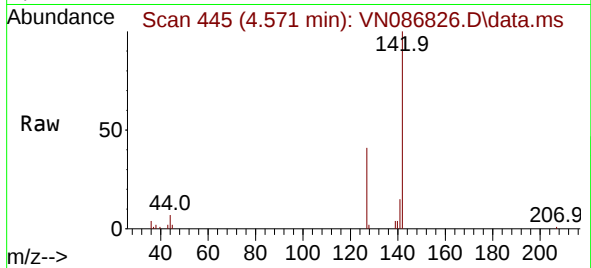




#11
Methyl Iodide
Concen: 11.786 ug/l
RT: 4.571 min Scan# 448
Delta R.T. -0.018 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

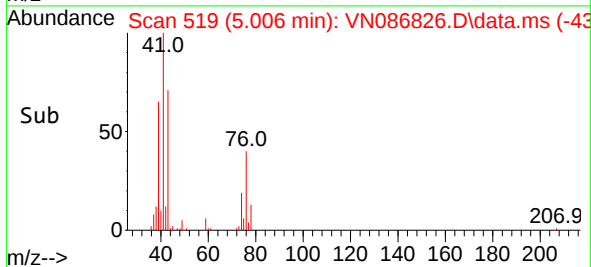
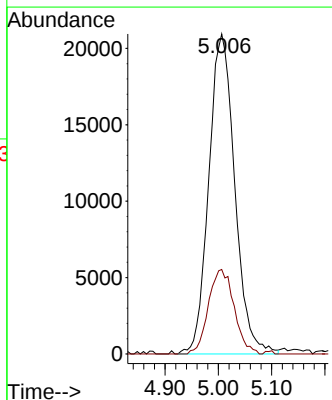
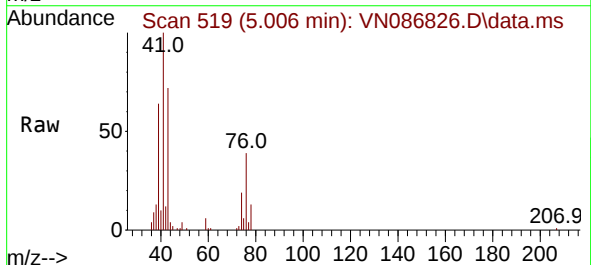
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

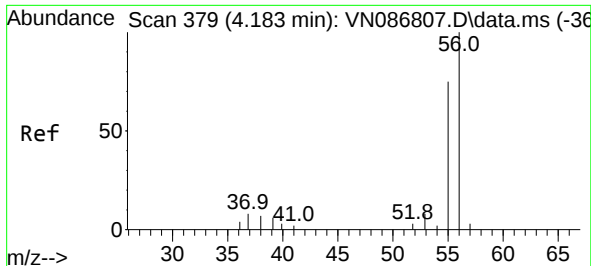
Tgt Ion:142 Resp: 44355
Ion Ratio Lower Upper
142 100
127 41.1 19.5 58.5
141 15.1 7.1 21.4



#12
Methyl Acetate
Concen: 20.019 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.018 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 43 Resp: 70975
Ion Ratio Lower Upper
43 100
74 26.6 22.7 34.1

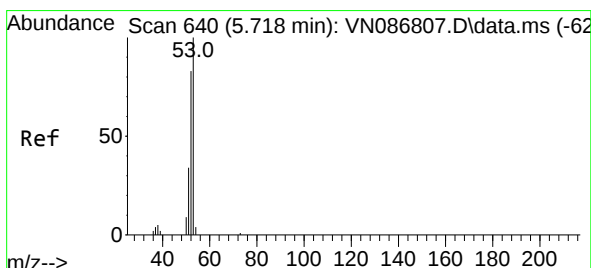
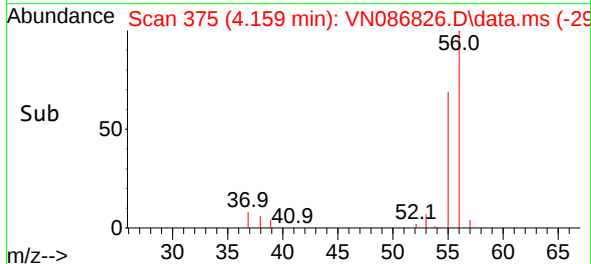
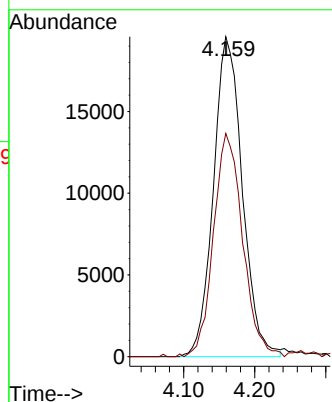
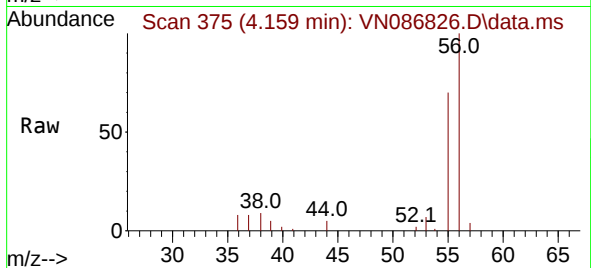




#13
Acrolein
Concen: 150.954 ug/l
RT: 4.159 min Scan# 31
Delta R.T. -0.023 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

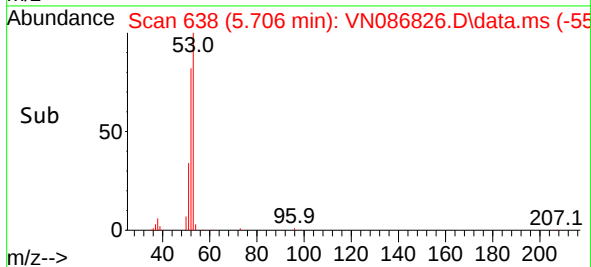
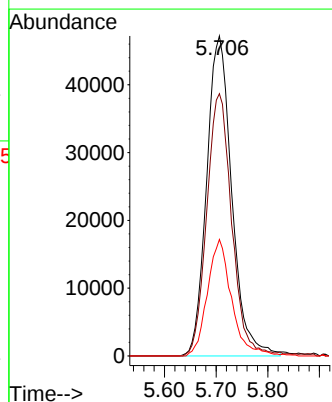
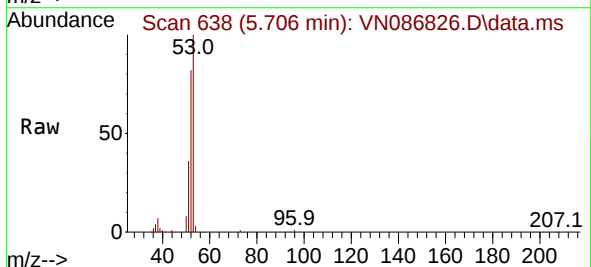
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

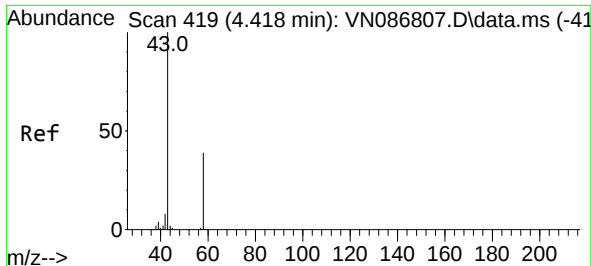
Tgt Ion: 56 Resp: 55289
Ion Ratio Lower Upper
56 100
55 70.2 55.9 83.9



#14
Acrylonitrile
Concen: 96.747 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 53 Resp: 159621
Ion Ratio Lower Upper
53 100
52 81.1 40.0 119.9
51 34.0 17.5 52.6





#15

Acetone

Concen: 118.232 ug/l

RT: 4.406 min Scan# 417

Delta R.T. -0.012 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

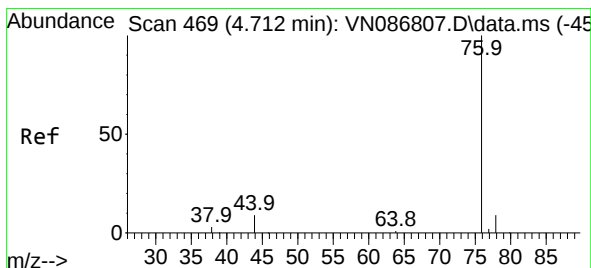
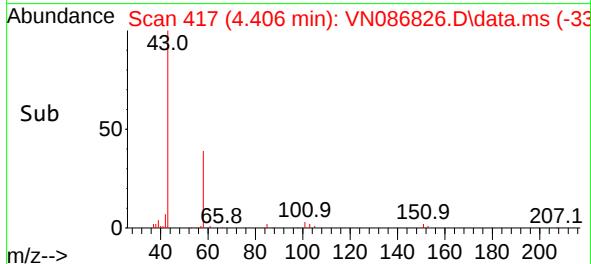
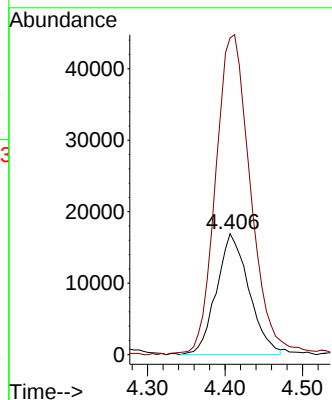
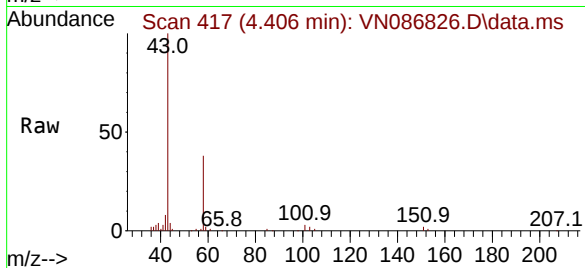
VSTDCCC020

Tgt Ion: 58 Resp: 49390

Ion Ratio Lower Upper

58 100

43 260.0 207.7 311.5



#16

Carbon Disulfide

Concen: 18.170 ug/l

RT: 4.695 min Scan# 466

Delta R.T. -0.018 min

Lab File: VN086826.D

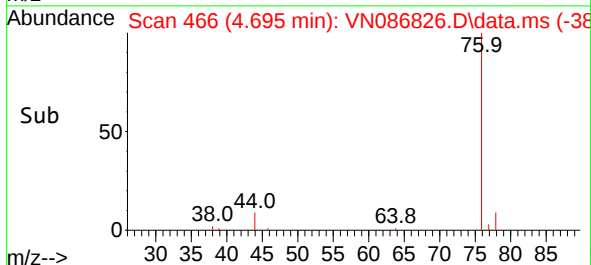
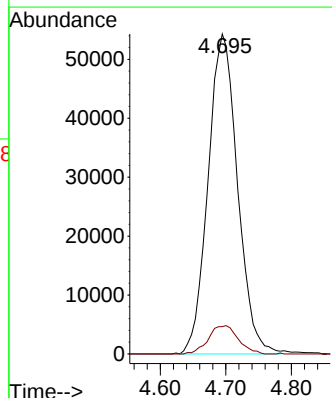
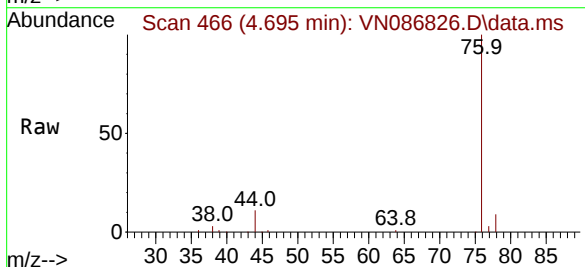
Acq: 30 May 2025 09:59

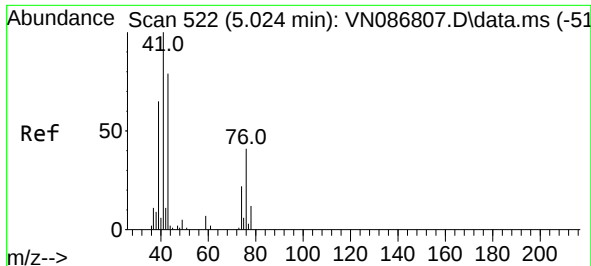
Tgt Ion: 76 Resp: 169325

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8

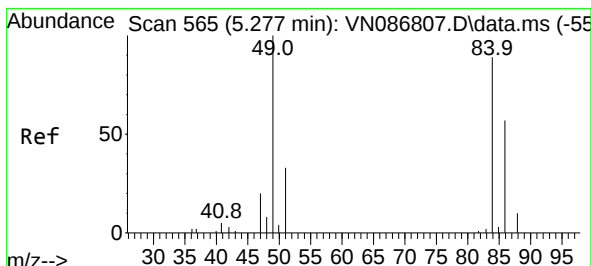
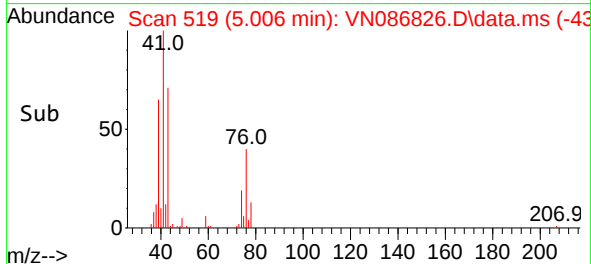
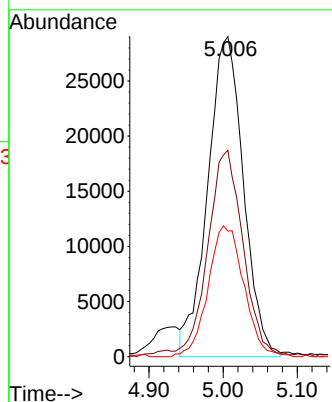
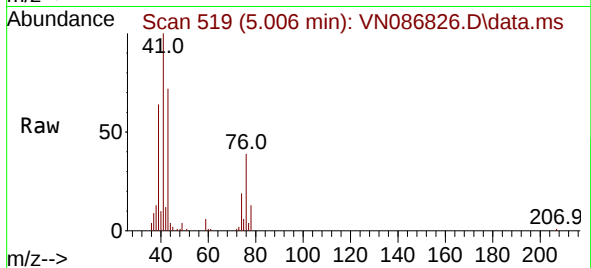




#17
 Allyl chloride
 Concen: 20.475 ug/l
 RT: 5.006 min Scan# 51
 Delta R.T. -0.018 min
 Lab File: VN086826.D
 Acq: 30 May 2025 09:59

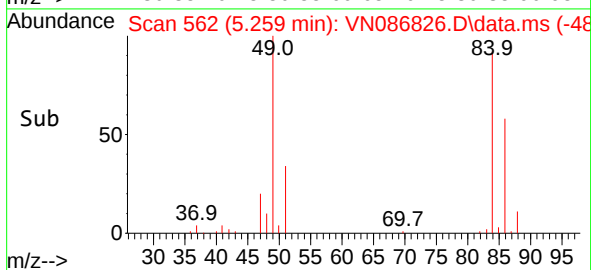
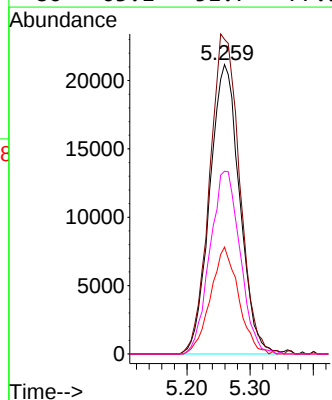
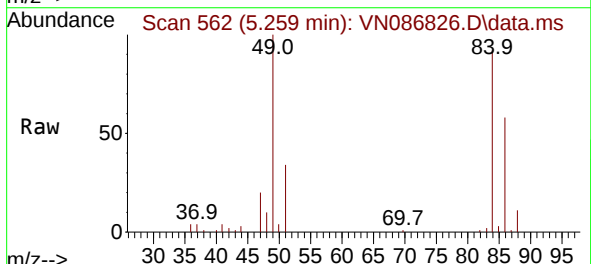
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

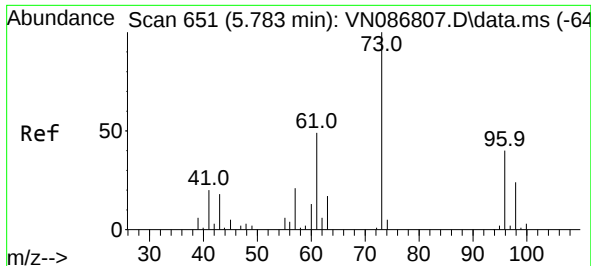
Tgt Ion:	41	Resp:	97109
Ion	Ratio	Lower	Upper
41	100		
39	64.3	31.6	94.8
76	39.0	20.1	60.2



#18
 Methylene Chloride
 Concen: 18.731 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.018 min
 Lab File: VN086826.D
 Acq: 30 May 2025 09:59

Tgt Ion:	84	Resp:	69444
Ion	Ratio	Lower	Upper
84	100		
49	108.7	89.9	134.9
51	36.9	29.6	44.4
86	63.1	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 19.349 ug/l

RT: 5.765 min Scan# 64

Delta R.T. -0.018 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

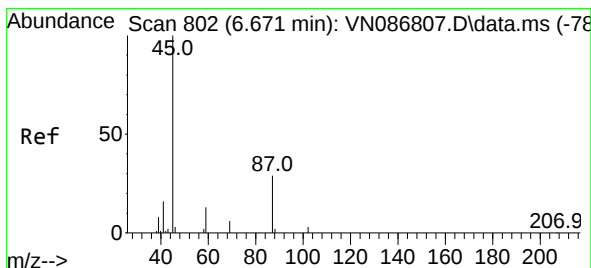
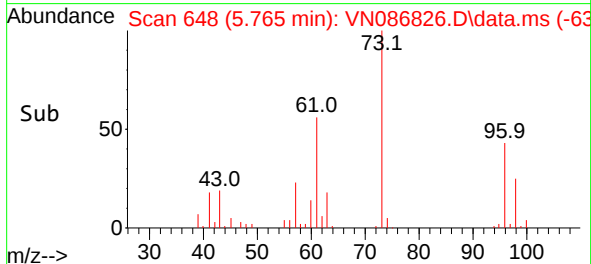
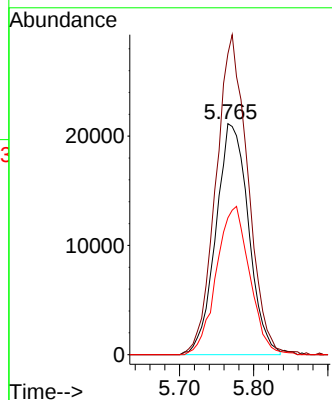
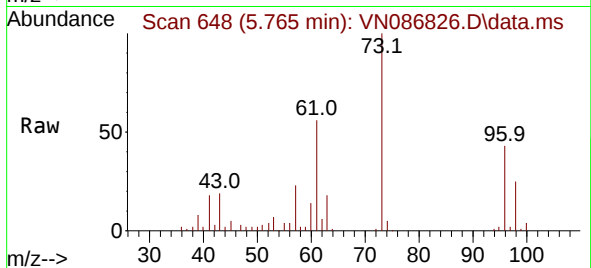
Tgt Ion: 96 Resp: 64643

Ion Ratio Lower Upper

96 100

61 130.1 98.9 148.3

98 59.2 49.0 73.4



#20

Diisopropyl ether

Concen: 20.907 ug/l

RT: 6.659 min Scan# 800

Delta R.T. -0.012 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Tgt Ion: 45 Resp: 218382

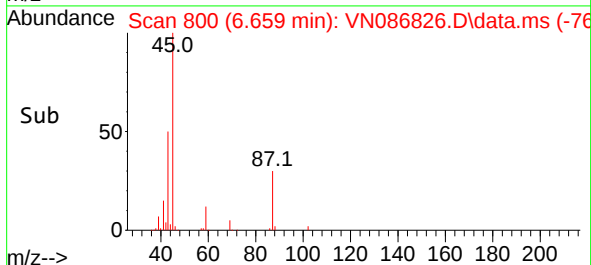
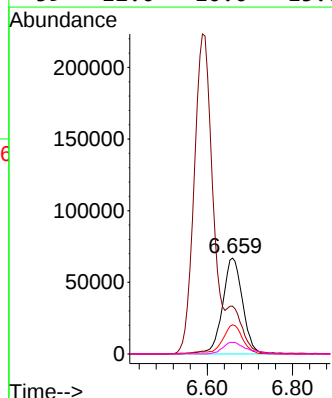
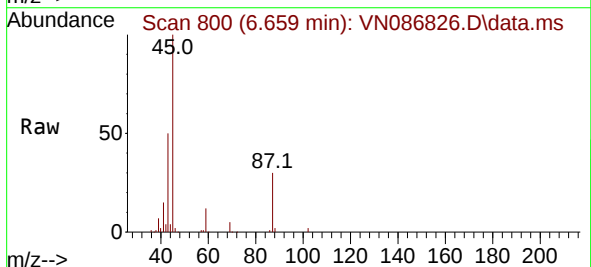
Ion Ratio Lower Upper

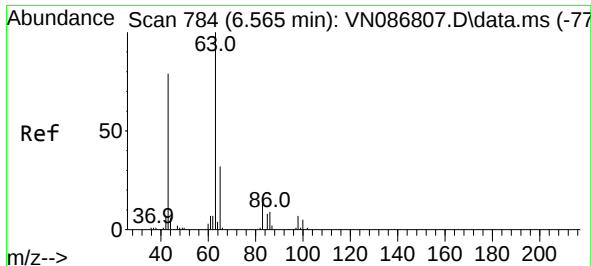
45 100

43 48.8 40.3 60.5

87 30.4 24.1 36.1

59 12.0 10.0 15.0

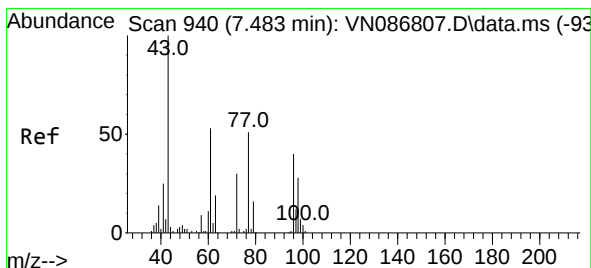
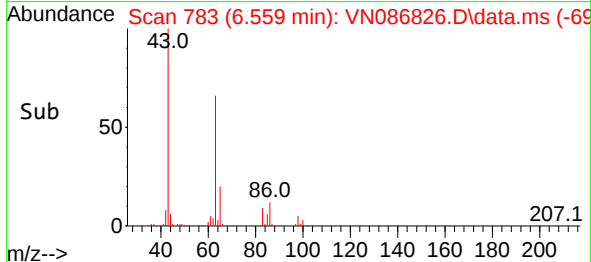
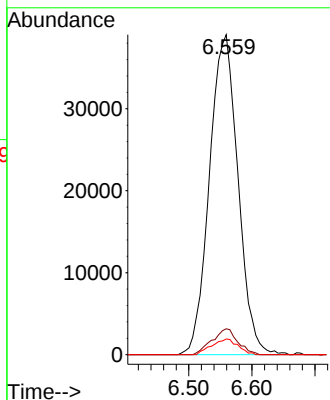
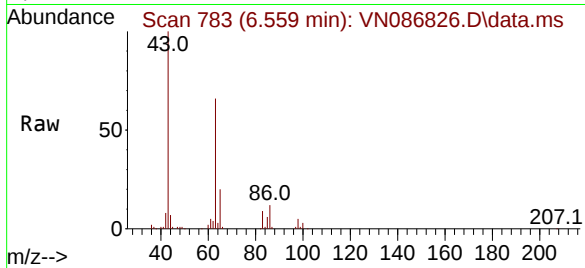




#21
1,1-Dichloroethane
Concen: 19.452 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

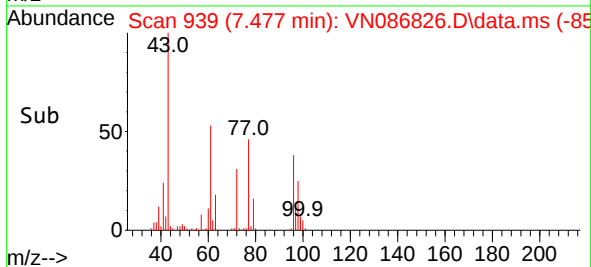
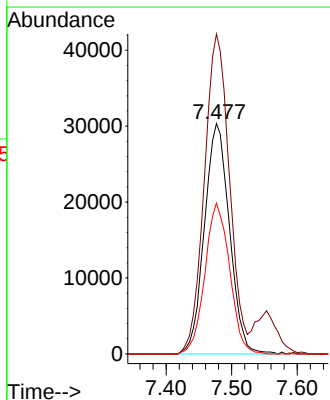
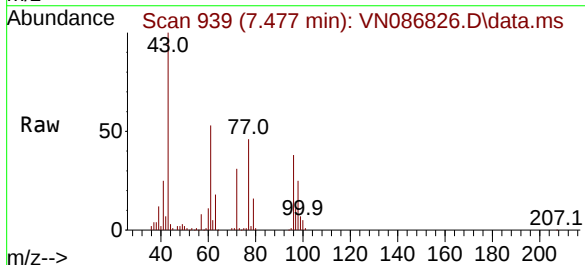
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

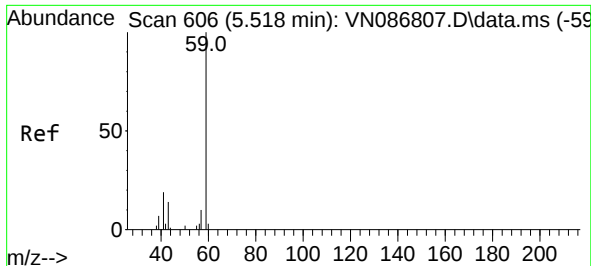
Tgt Ion: 63 Resp: 122621
Ion Ratio Lower Upper
63 100
98 8.1 3.8 11.2
100 4.9 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 19.940 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 96 Resp: 80675
Ion Ratio Lower Upper
96 100
61 138.6 110.7 166.1
98 64.4 51.8 77.8

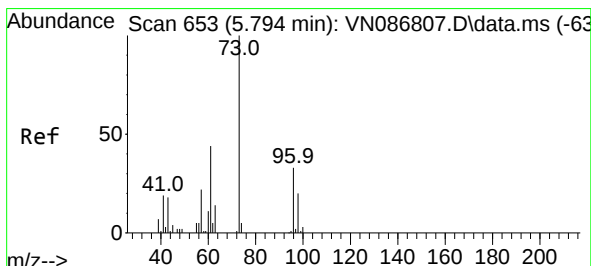
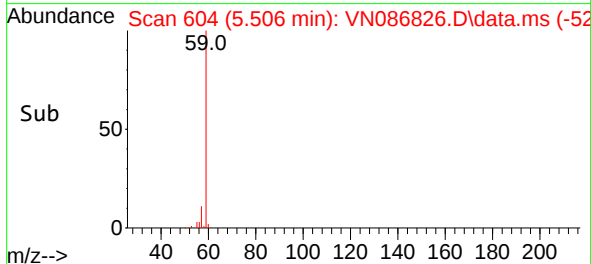
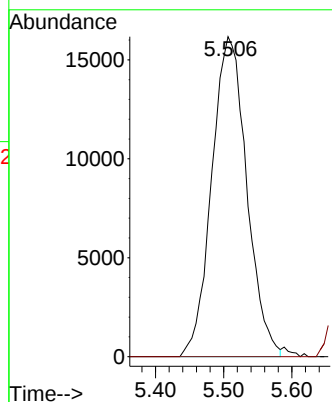
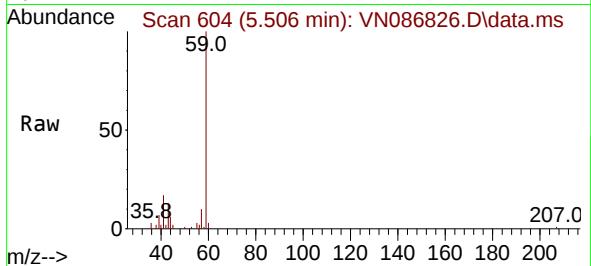




#23
tert-Butyl Alcohol
Concen: 108.963 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

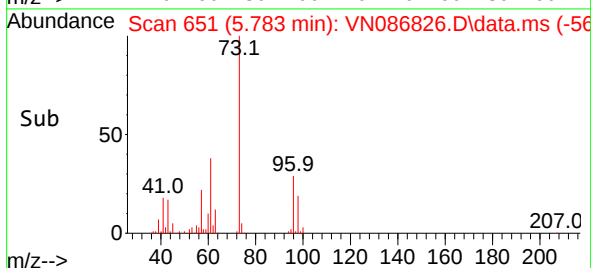
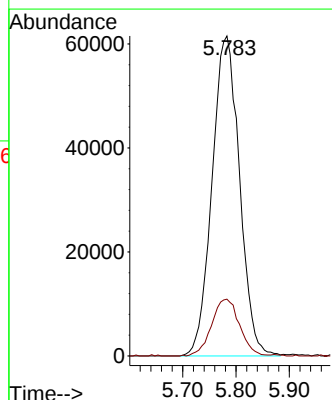
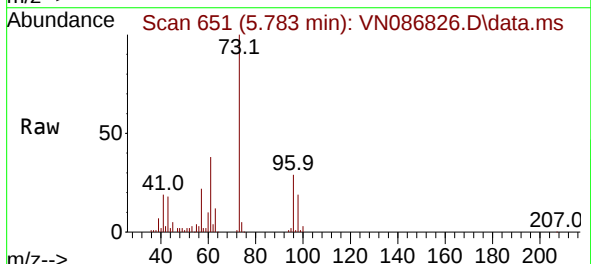
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

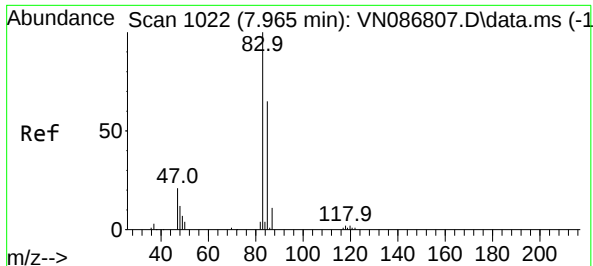
Tgt Ion: 59 Resp: 57731
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.939 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.012 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 73 Resp: 220310
Ion Ratio Lower Upper
73 100
43 18.0 14.6 22.0





#25

Chloroform

Concen: 19.313 ug/l

RT: 7.959 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

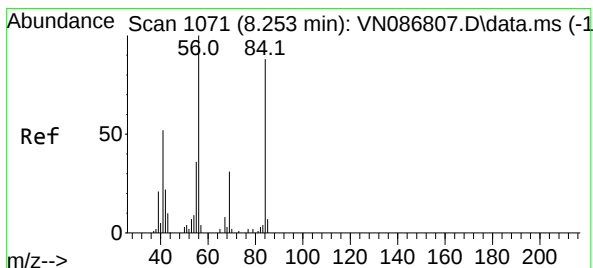
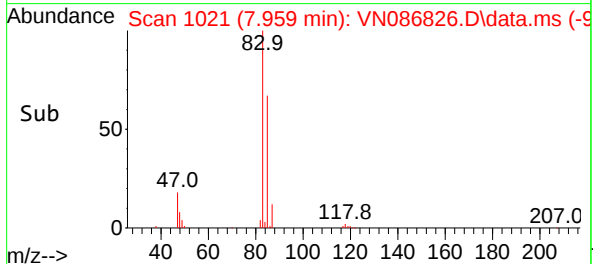
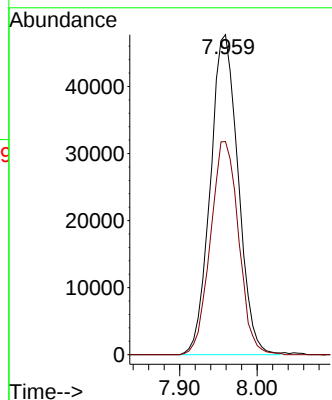
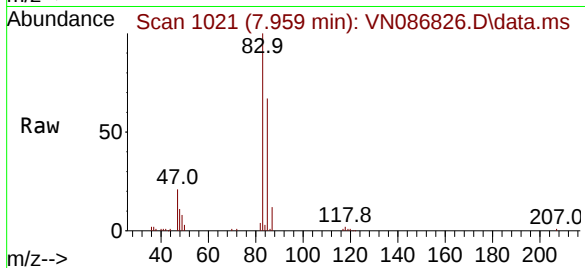
VSTDCCC020

Tgt Ion: 83 Resp: 119159

Ion Ratio Lower Upper

83 100

85 66.6 51.8 77.8



#26

Cyclohexane

Concen: 20.435 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

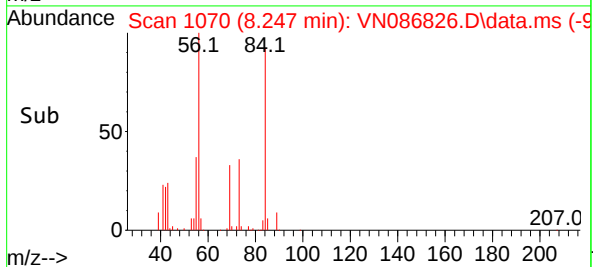
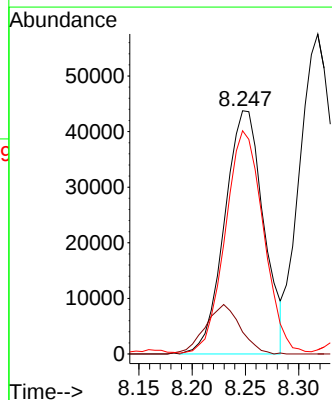
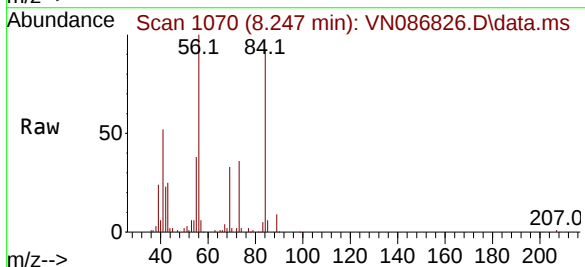
Tgt Ion: 56 Resp: 111489

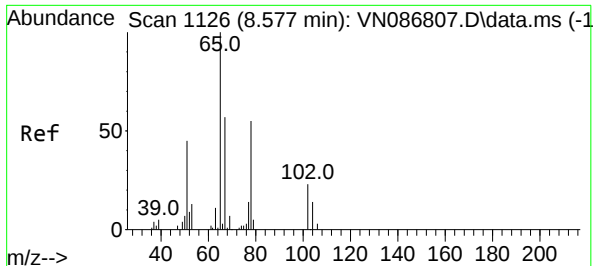
Ion Ratio Lower Upper

56 100

89 18.3 0.0 0.0#

84 90.6 70.4 105.6





#27

1,2-Dichloroethane-d4

Concen: 30.223 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

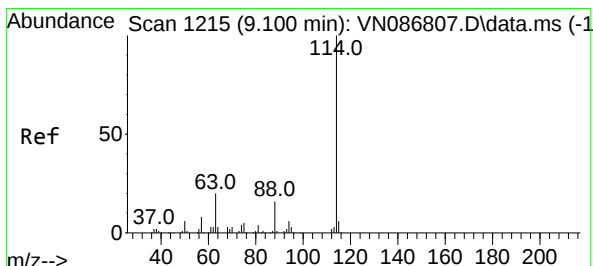
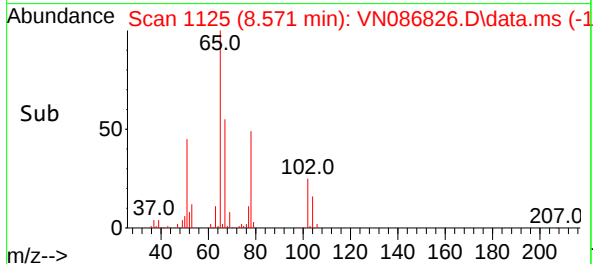
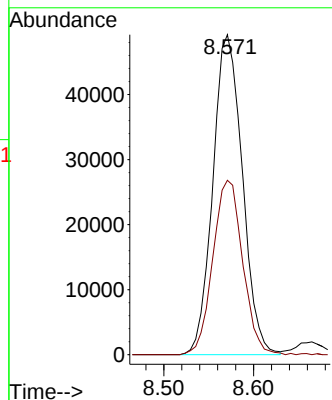
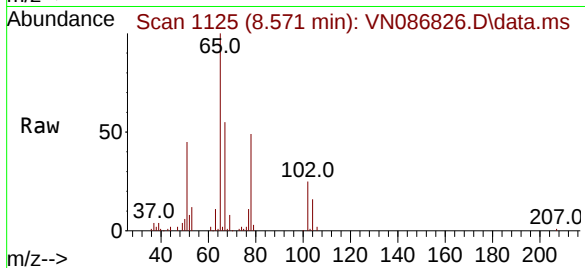
VSTDCCC020

Tgt Ion: 65 Resp: 112410

Ion Ratio Lower Upper

65 100

67 54.9 44.6 67.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

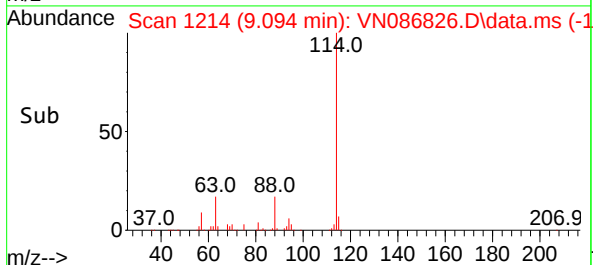
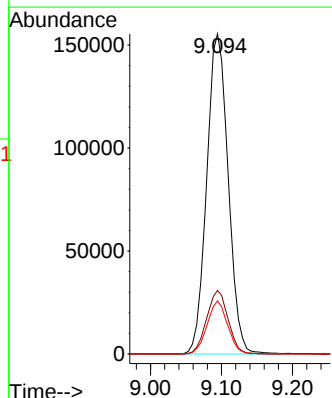
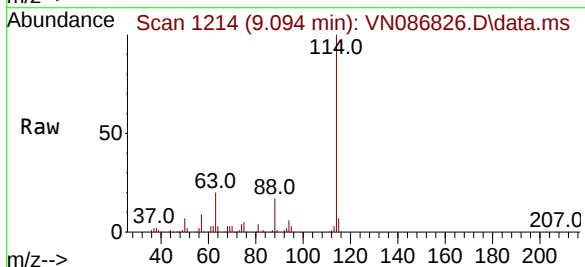
Tgt Ion: 114 Resp: 326504

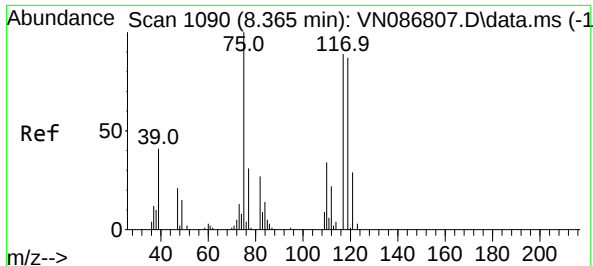
Ion Ratio Lower Upper

114 100

63 19.7 15.8 23.8

88 15.8 12.9 19.3

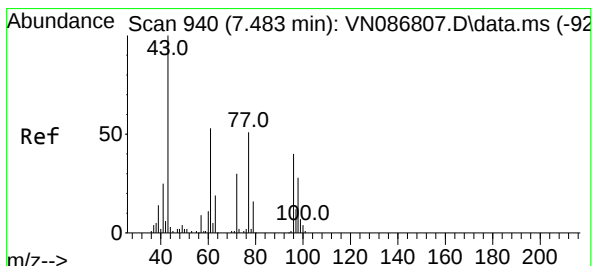
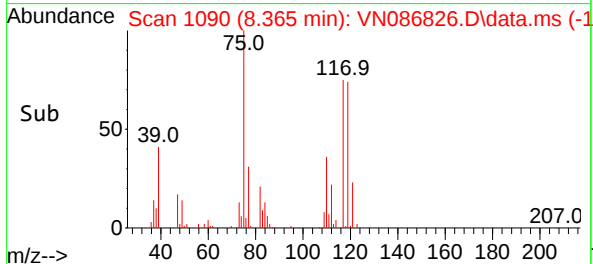
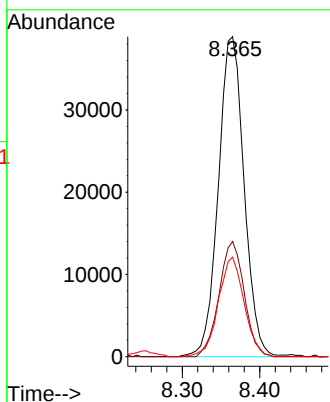
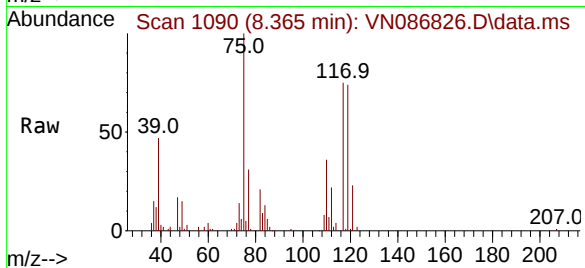




#29
1,1-Dichloropropene
Concen: 18.737 ug/l
RT: 8.365 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

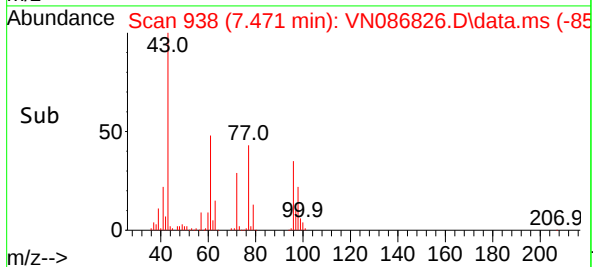
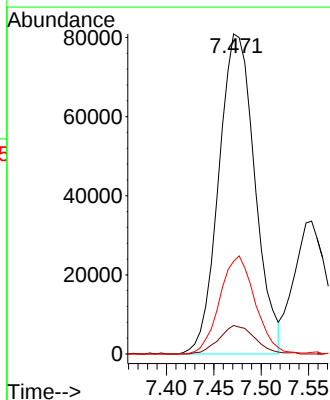
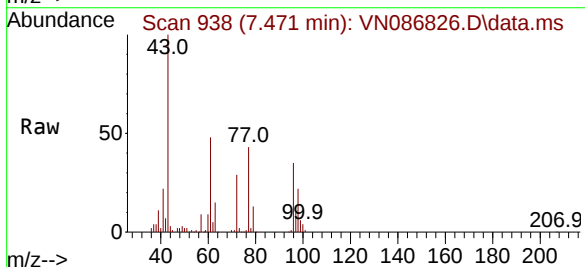
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

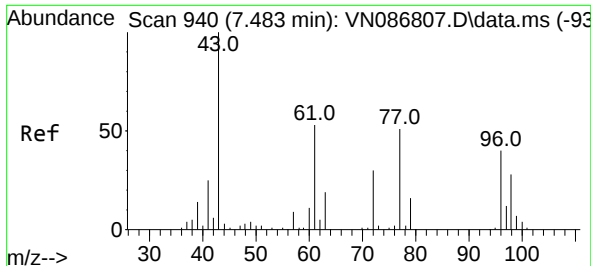
Tgt Ion: 75 Resp: 89950
Ion Ratio Lower Upper
75 100
110 35.2 0.0 71.0
77 31.1 0.0 62.4



#30
2-Butanone
Concen: 102.140 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.012 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 43 Resp: 214838
Ion Ratio Lower Upper
43 100
57 8.8 6.8 10.2
72 29.9 23.4 35.0

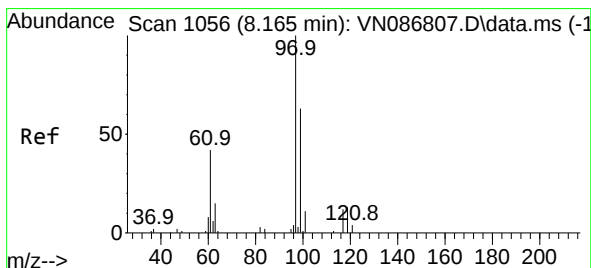
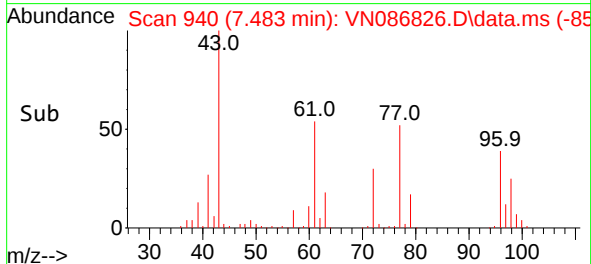
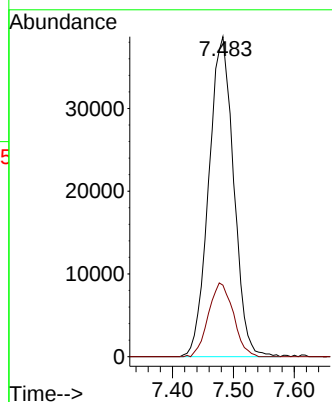
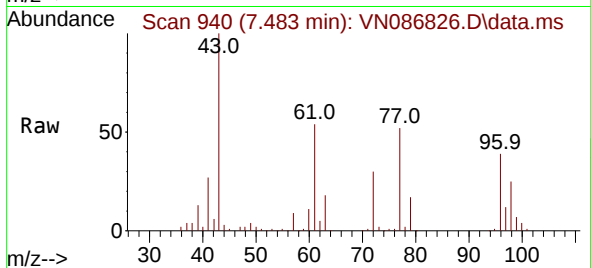




#31
2,2-Dichloropropane
Concen: 19.417 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

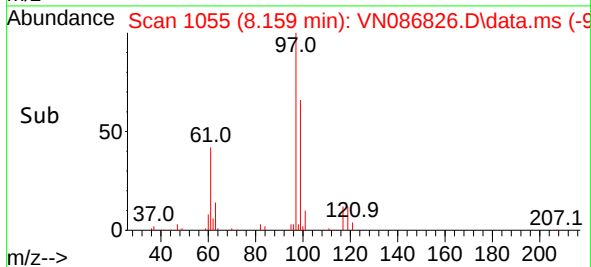
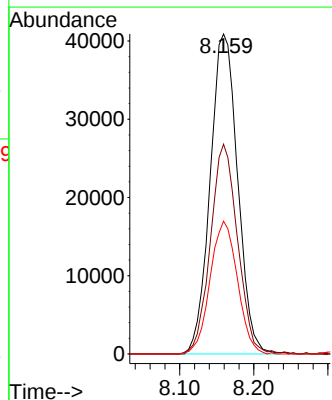
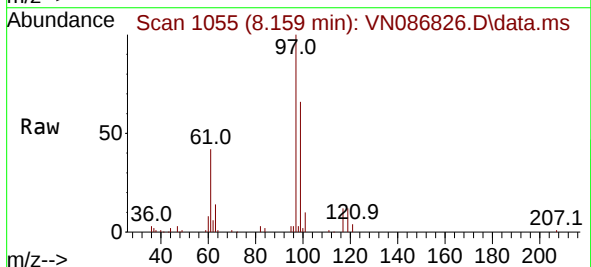
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

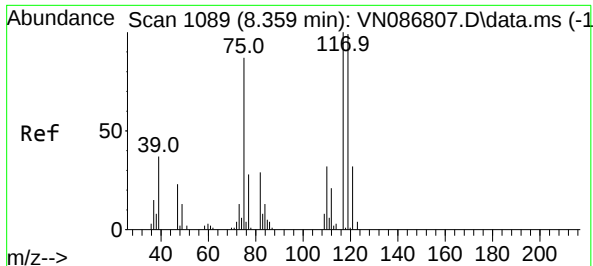
Tgt Ion: 77 Resp: 110026
Ion Ratio Lower Upper
77 100
97 23.0 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 18.948 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 97 Resp: 105441
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 41.3 35.4 53.2

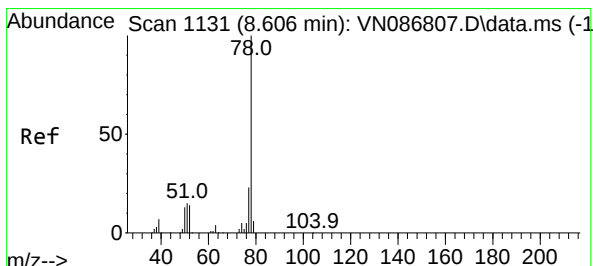
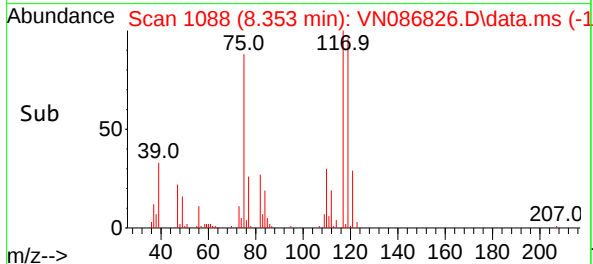
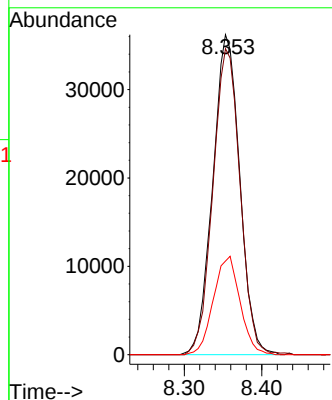
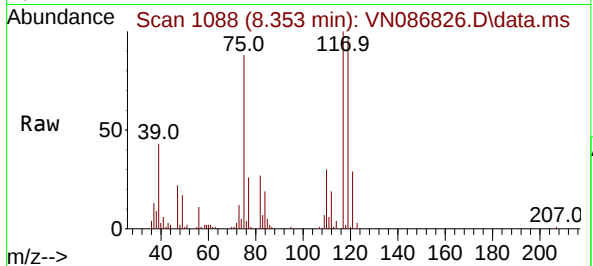




#33
Carbon Tetrachloride
Concen: 18.431 ug/l
RT: 8.353 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

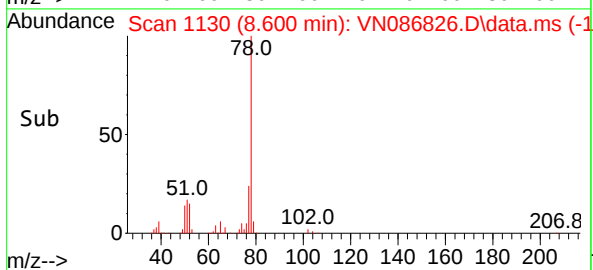
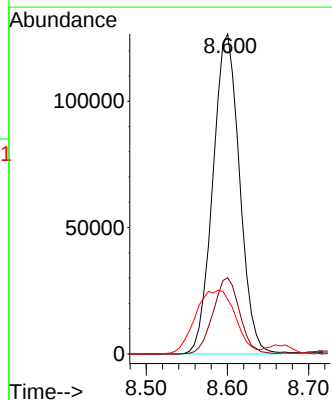
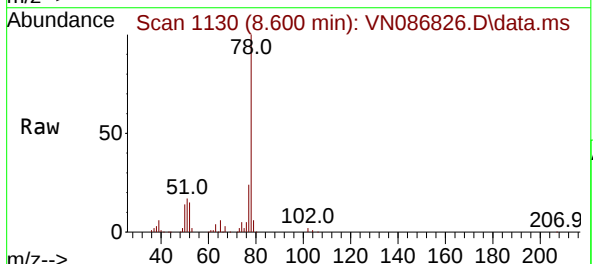
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

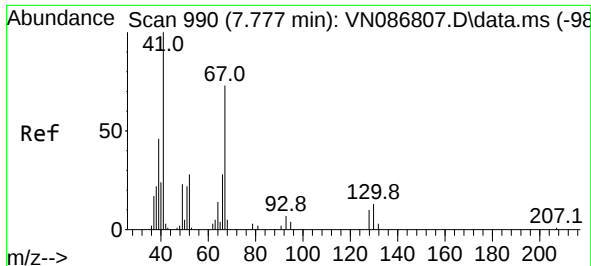
Tgt Ion:117 Resp: 87675
Ion Ratio Lower Upper
117 100
119 95.6 79.2 118.8
121 29.3 25.6 38.4



#34
Benzene
Concen: 18.537 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 78 Resp: 289535
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2
51 15.0 11.9 17.9

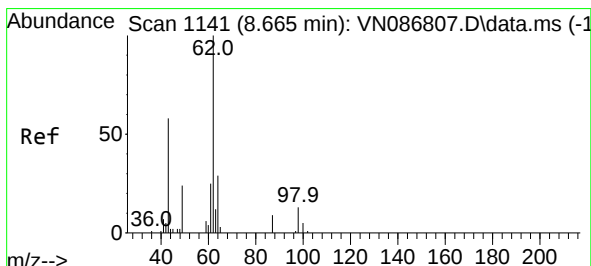
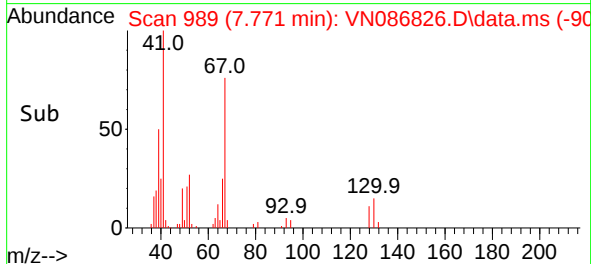
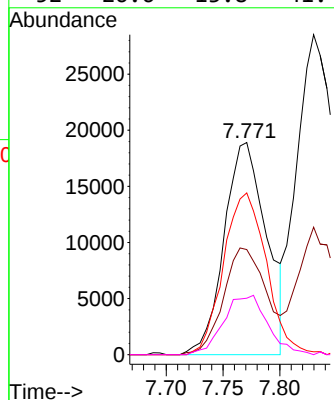
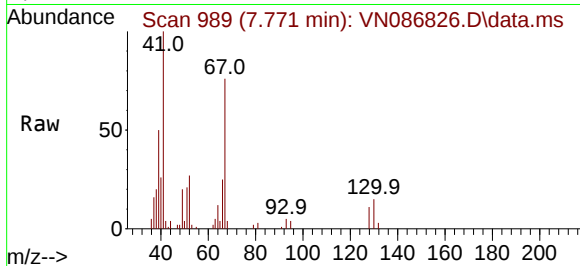




#35
Methacrylonitrile
Concen: 20.267 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

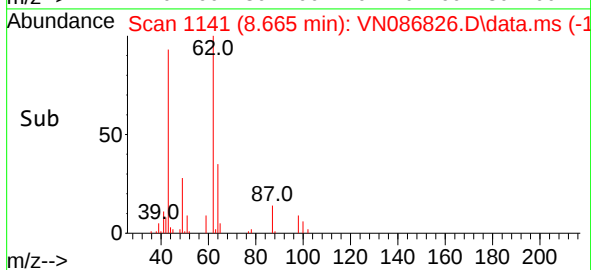
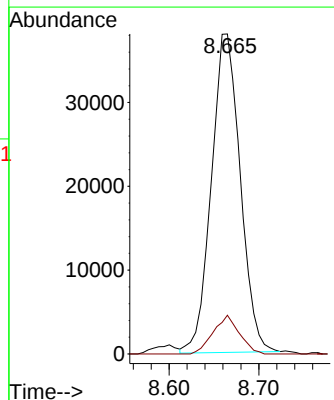
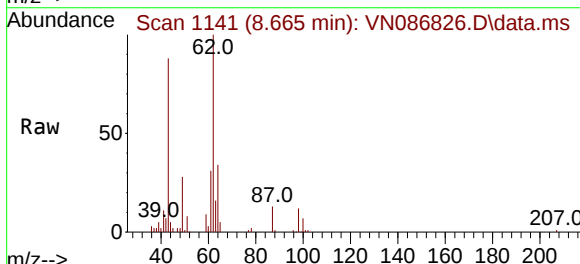
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

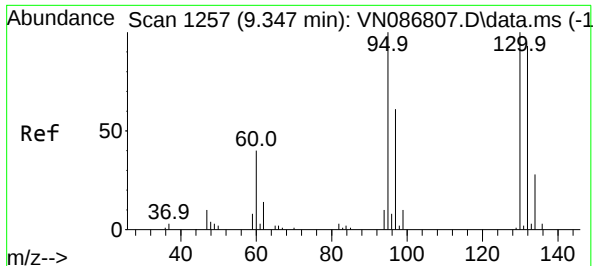
Tgt Ion:	41	Resp:	48969
Ion	Ratio	Lower	Upper
41	100		
39	49.5	23.2	69.6
67	76.2	36.5	109.7
52	26.6	13.8	41.4



#36
1,2-Dichloroethane
Concen: 18.574 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion:	62	Resp:	85017
Ion	Ratio	Lower	Upper
62	100		
98	11.0	8.5	12.7





#37

Trichloroethene

Concen: 16.543 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

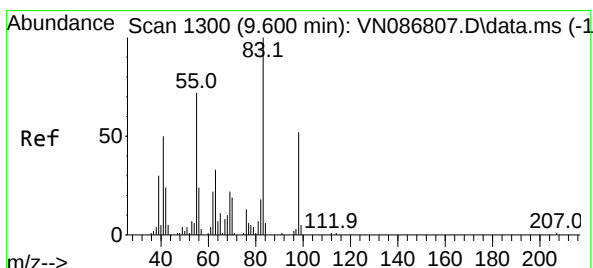
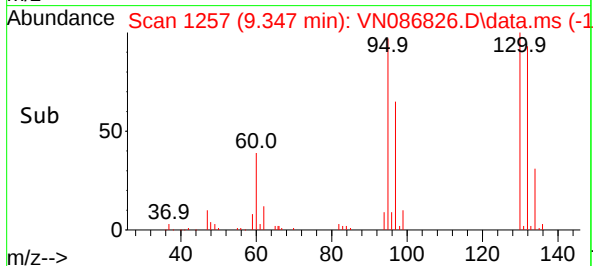
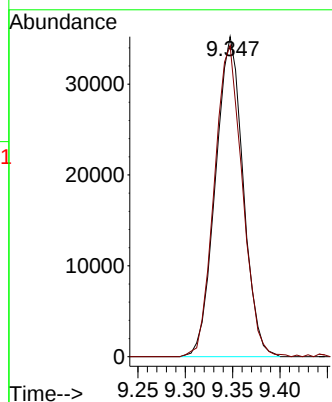
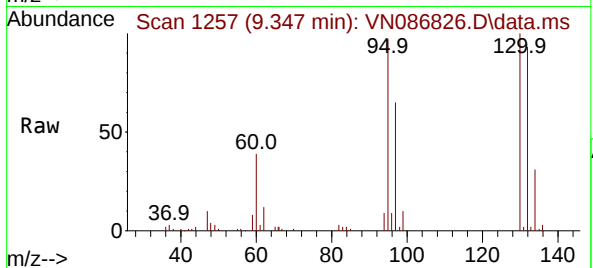
VSTDCCC020

Tgt Ion:130 Resp: 71675

Ion Ratio Lower Upper

130 100

95 97.2 80.3 120.5



#38

Methylcyclohexane

Concen: 19.944 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

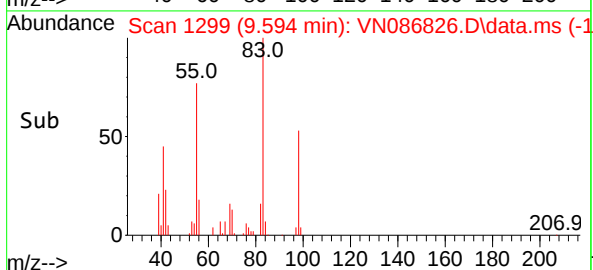
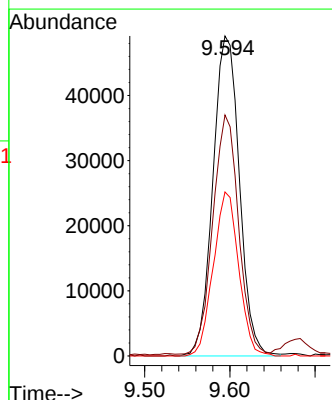
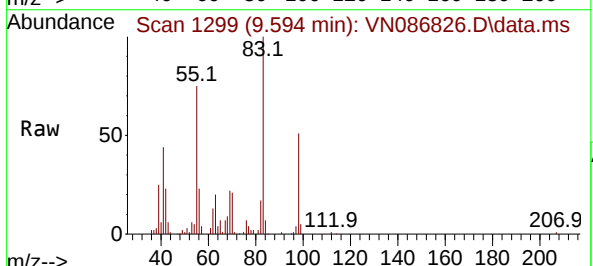
Tgt Ion: 83 Resp: 106228

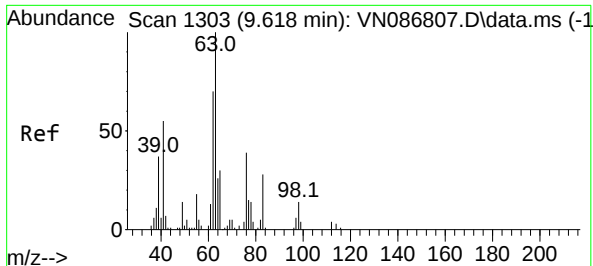
Ion Ratio Lower Upper

83 100

55 73.3 37.4 112.1

98 49.1 24.6 73.6





#39

1,2-Dichloropropane

Concen: 18.831 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

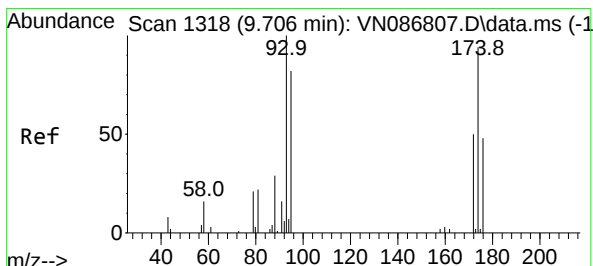
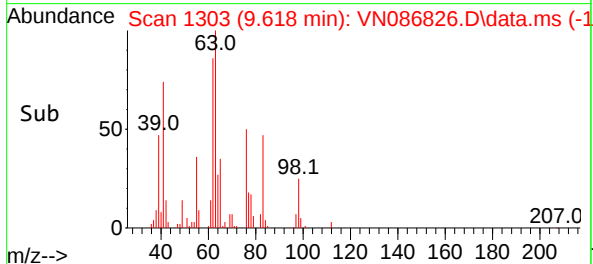
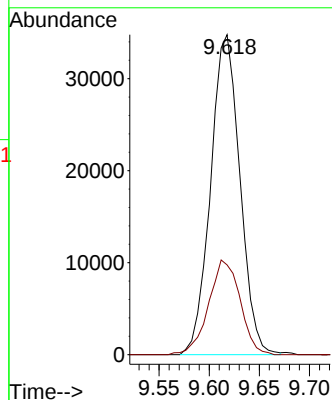
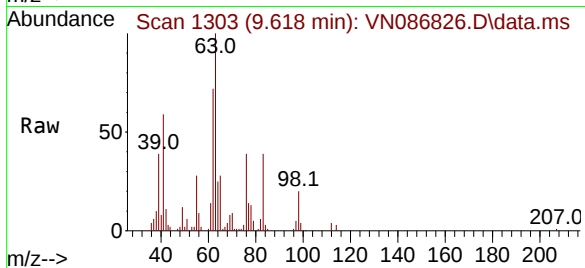
VSTDCCC020

Tgt Ion: 63 Resp: 70811

Ion Ratio Lower Upper

63 100

65 28.1 24.2 36.4



#40

Dibromomethane

Concen: 18.372 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

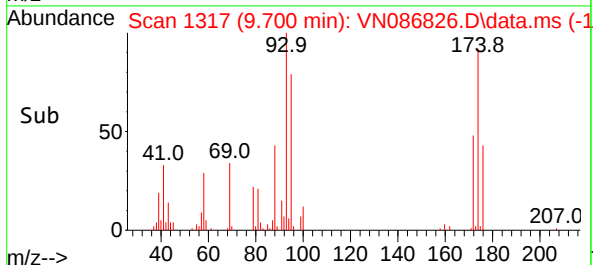
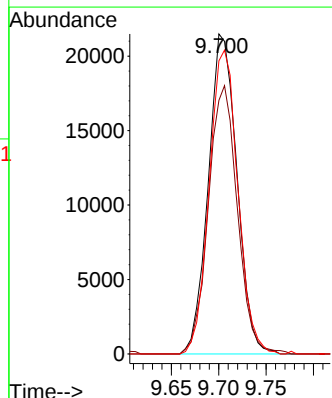
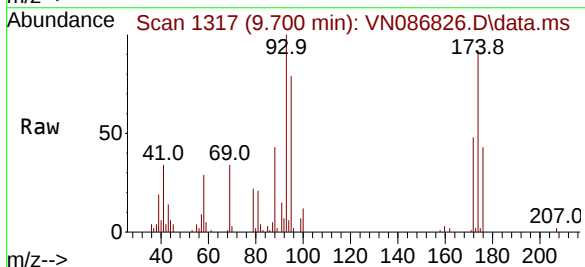
Tgt Ion: 93 Resp: 45185

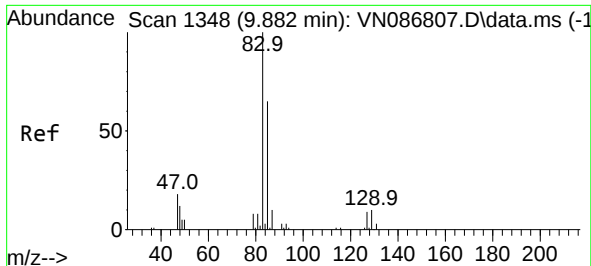
Ion Ratio Lower Upper

93 100

95 84.9 0.0 166.4

174 95.2 0.0 181.8

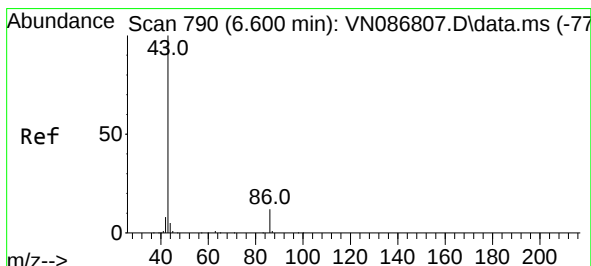
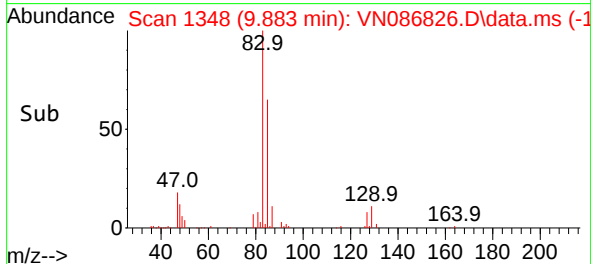
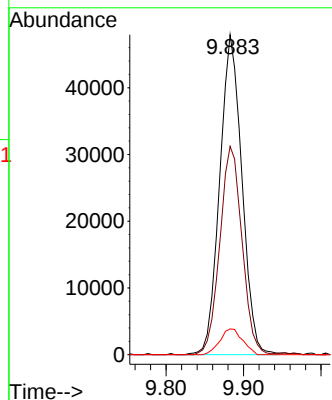
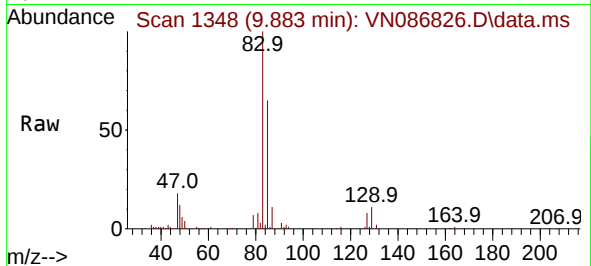




#41
Bromodichloromethane
Concen: 18.567 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

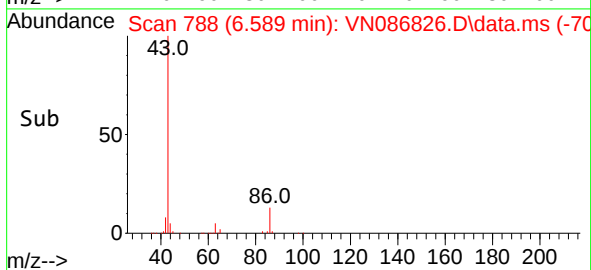
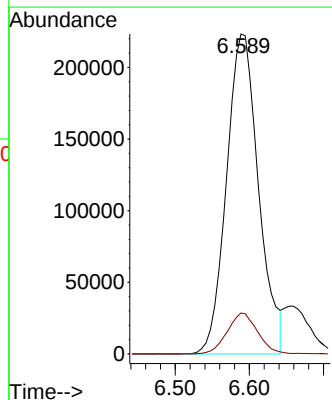
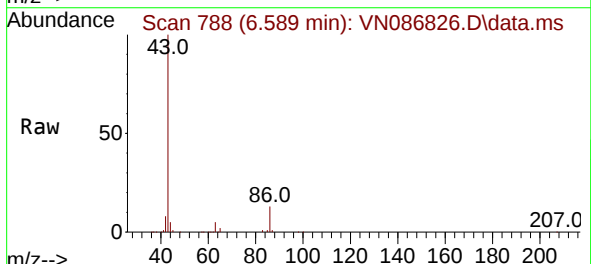
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

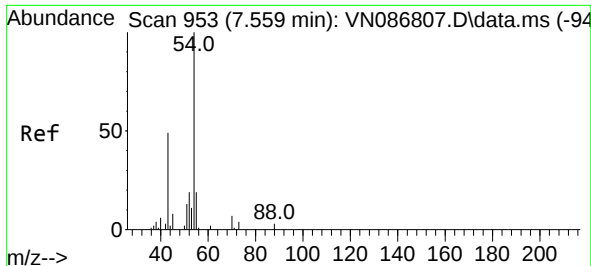
Tgt Ion: 83 Resp: 95591
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.8
127 8.0 6.8 10.2



#42
Vinyl Acetate
Concen: 109.433 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.012 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 43 Resp: 670946
Ion Ratio Lower Upper
43 100
86 12.1 9.5 14.3

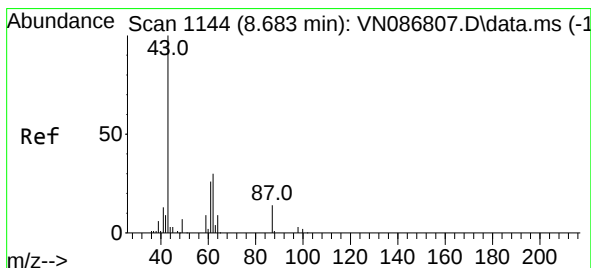
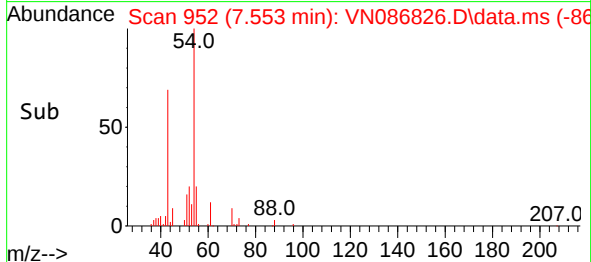
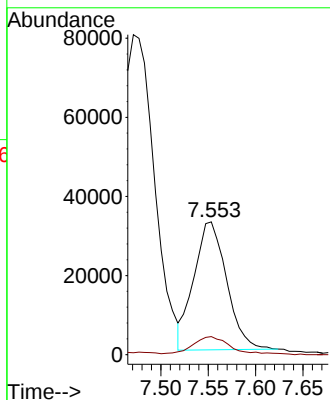
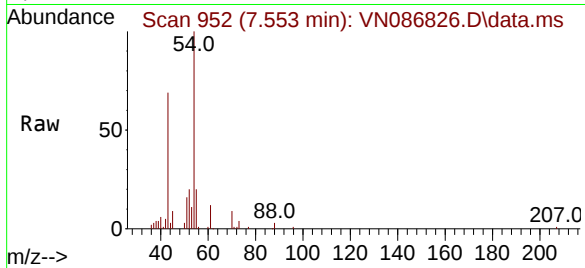




#43
Ethyl Acetate
Concen: 18.120 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

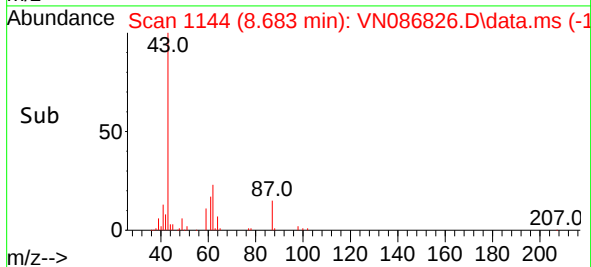
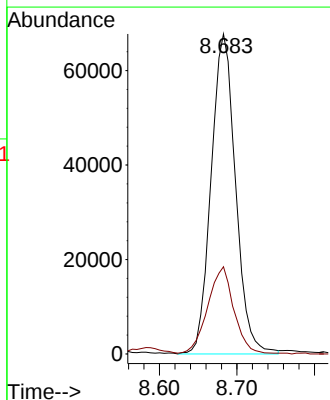
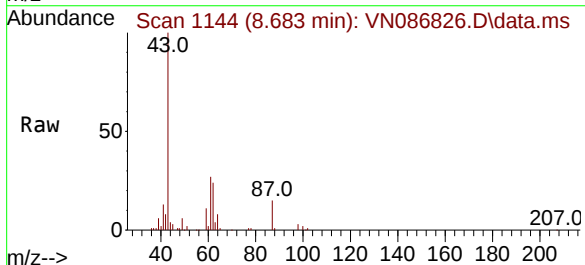
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

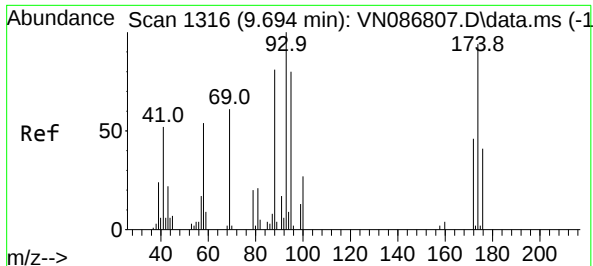
Tgt Ion: 43 Resp: 77988
Ion Ratio Lower Upper
43 100
45 13.6 11.1 16.7



#44
Isopropyl Acetate
Concen: 20.092 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 43 Resp: 148346
Ion Ratio Lower Upper
43 100
61 29.3 23.8 35.6

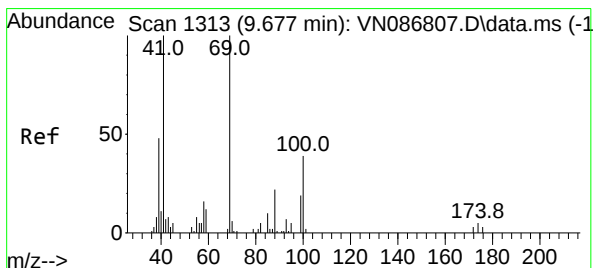
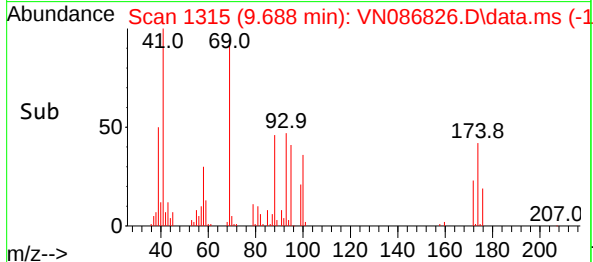
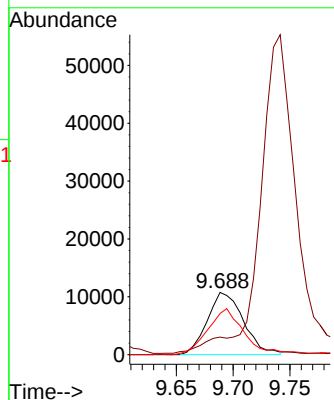
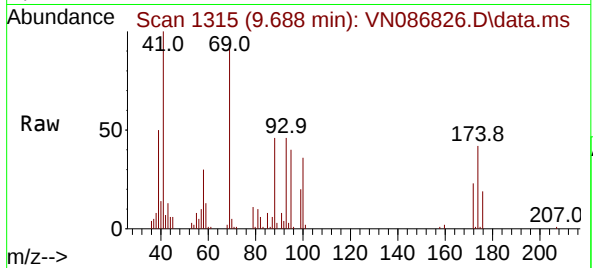




#45
1,4-Dioxane
Concen: 363.910 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

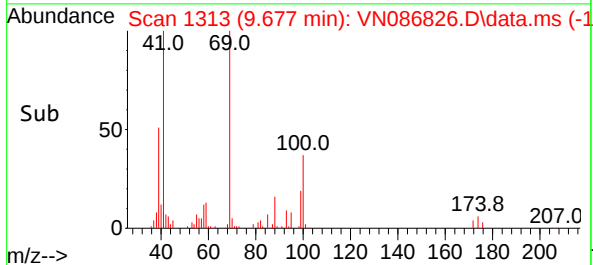
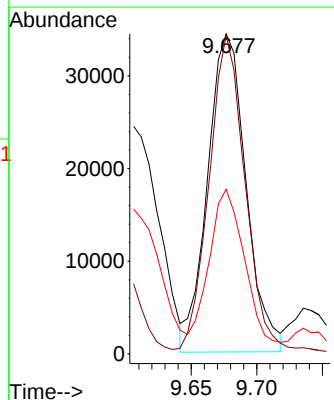
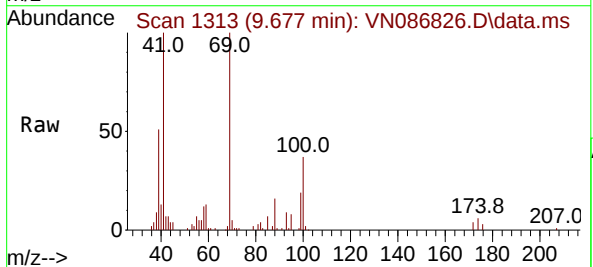
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

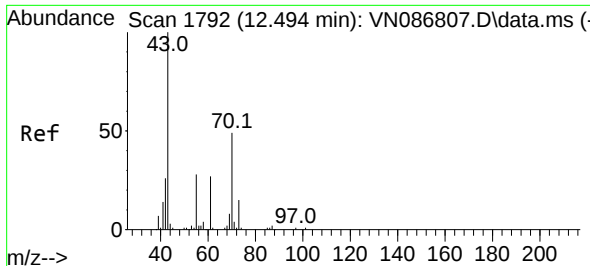
Tgt Ion: 88 Resp: 23881
Ion Ratio Lower Upper
88 100
43 19.5 23.0 34.6#
58 70.4 57.6 86.4



#46
Methyl methacrylate
Concen: 20.607 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 41 Resp: 70154
Ion Ratio Lower Upper
41 100
69 104.5 48.0 144.2
39 51.1 23.8 71.2

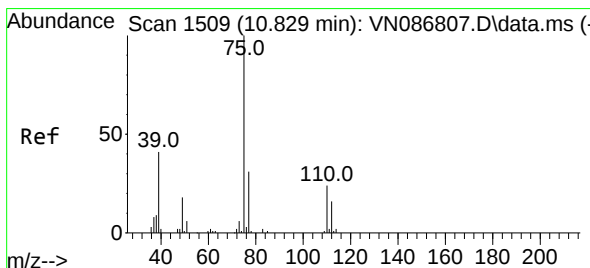
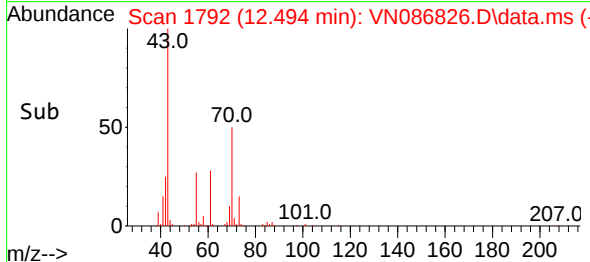
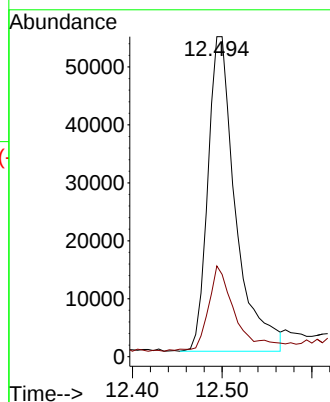
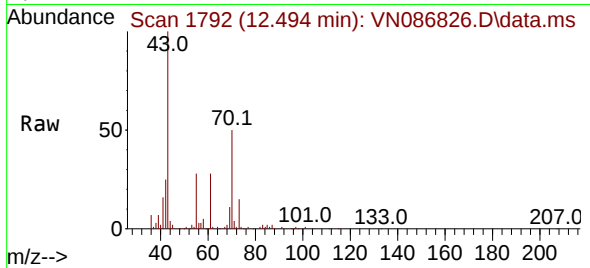




#47
n-amy1 Acetate
Concen: 19.660 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

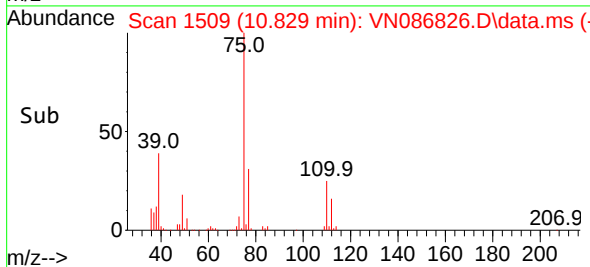
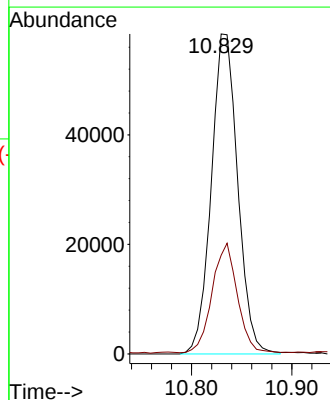
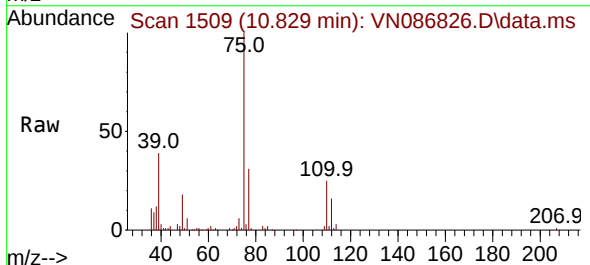
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

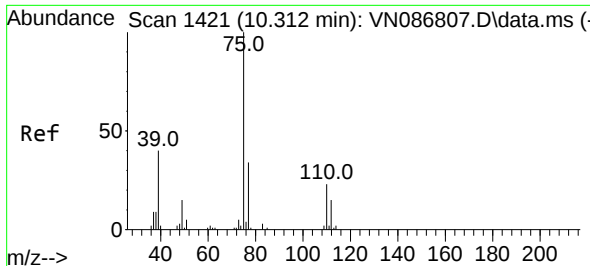
Tgt Ion: 43 Resp: 116531
Ion Ratio Lower Upper
43 100
55 22.4 21.7 32.5



#48
t-1,3-Dichloropropene
Concen: 19.431 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 75 Resp: 107050
Ion Ratio Lower Upper
75 100
77 30.4 25.1 37.7

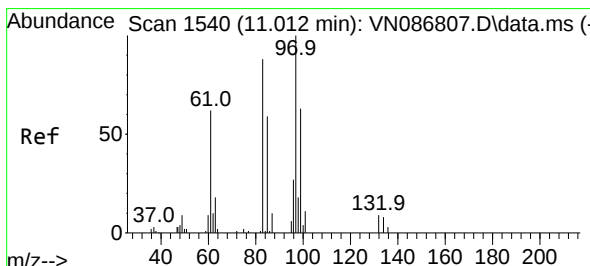
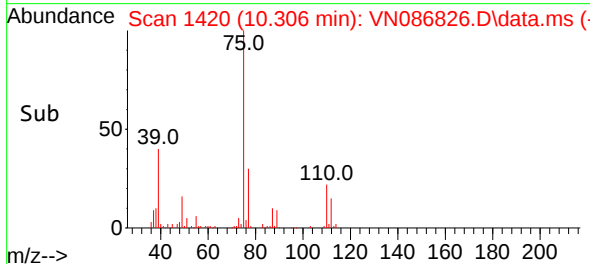
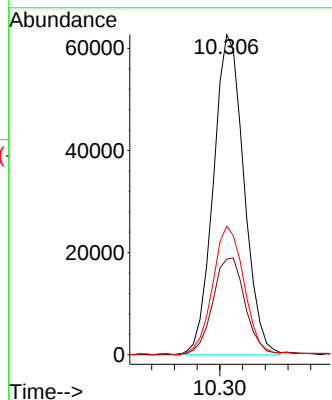
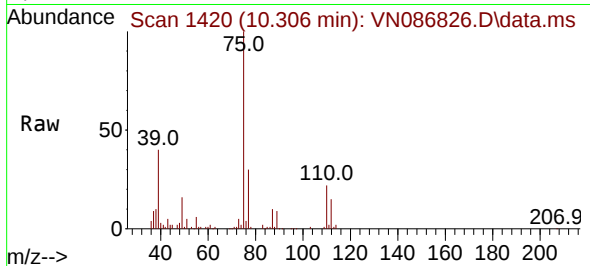




#49
cis-1,3-Dichloropropene
Concen: 19.327 ug/l
RT: 10.306 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

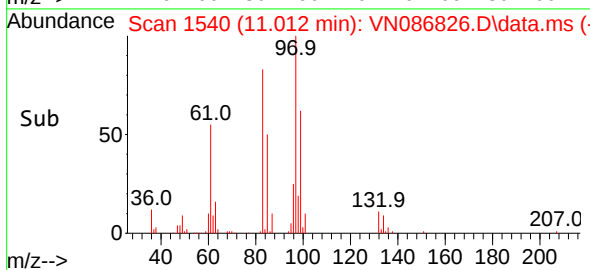
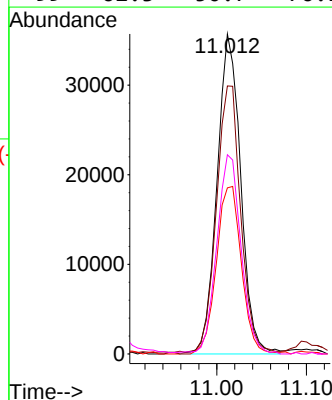
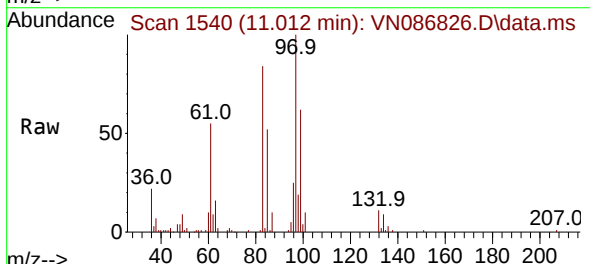
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

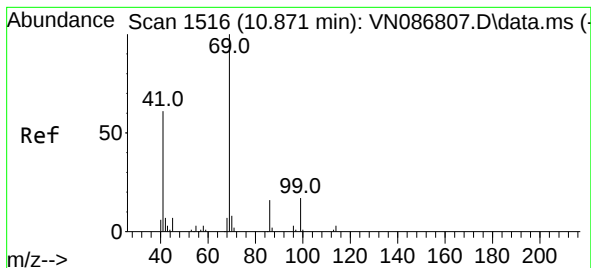
Tgt Ion: 75 Resp: 117114
Ion Ratio Lower Upper
75 100
77 29.5 26.9 40.3
39 40.2 31.8 47.6



#50
1,1,2-Trichloroethane
Concen: 18.881 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 97 Resp: 65403
Ion Ratio Lower Upper
97 100
83 82.9 70.6 105.8
85 51.9 46.8 70.2
99 62.3 50.7 76.1





#51

Ethyl methacrylate

Concen: 19.954 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

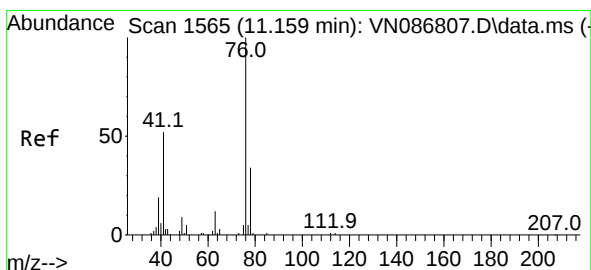
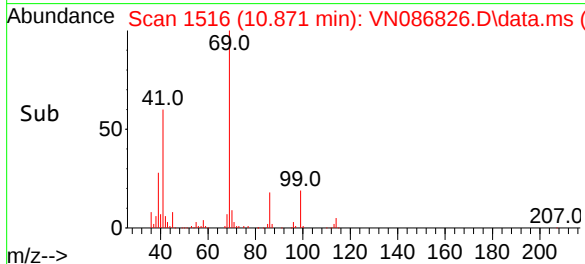
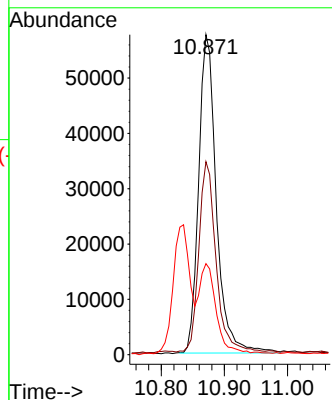
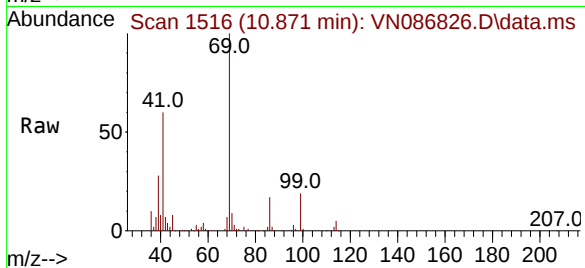
Tgt Ion: 69 Resp: 111947

Ion Ratio Lower Upper

69 100

41 59.8 30.5 91.5

39 28.2 14.3 42.9



#52

1,3-Dichloropropane

Concen: 18.446 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086826.D

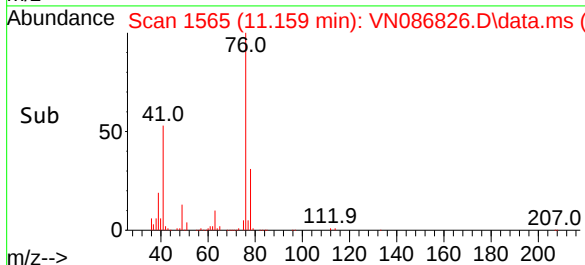
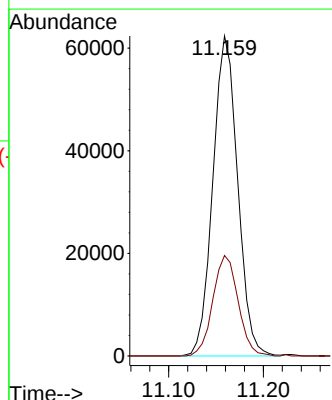
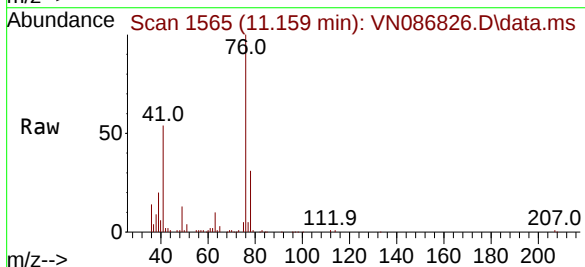
Acq: 30 May 2025 09:59

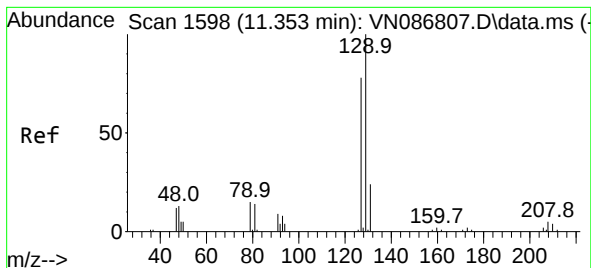
Tgt Ion: 76 Resp: 113396

Ion Ratio Lower Upper

76 100

78 32.0 0.0 64.6





#53

Dibromochloromethane

Concen: 18.360 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

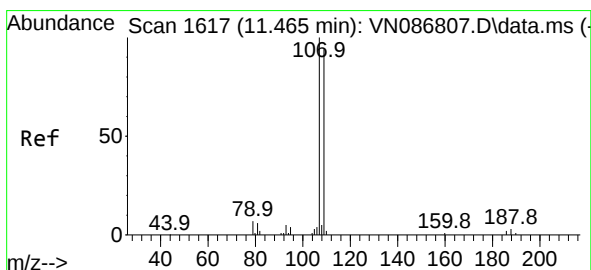
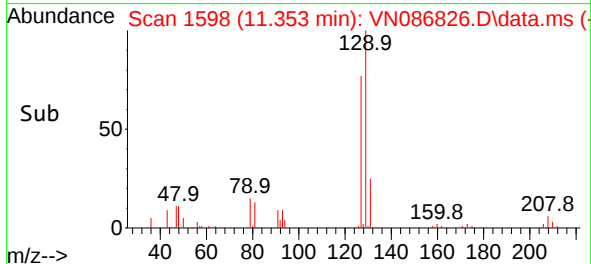
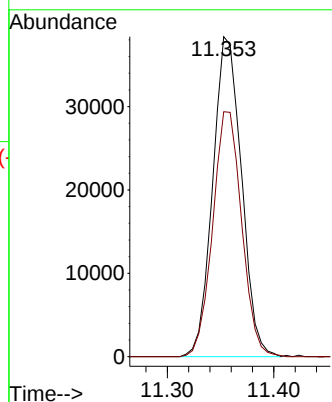
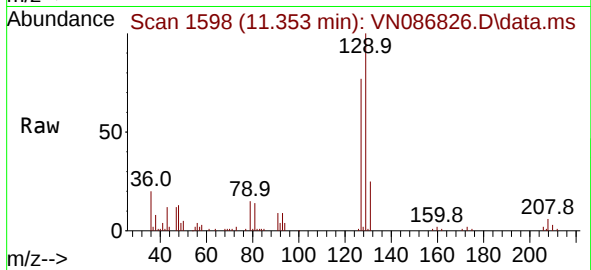
VSTDCCC020

Tgt Ion:129 Resp: 71870

Ion Ratio Lower Upper

129 100

127 77.2 39.1 117.3



#54

1,2-Dibromoethane

Concen: 18.649 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN086826.D

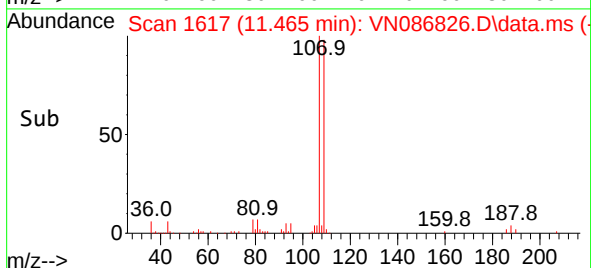
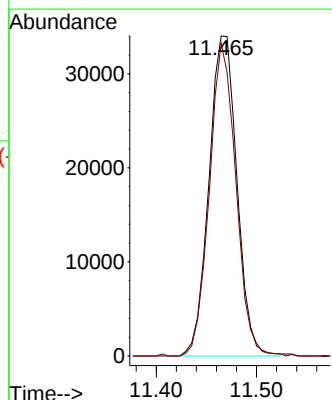
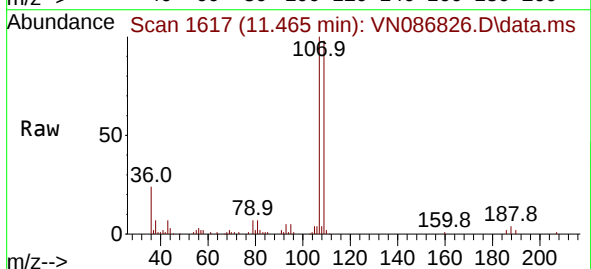
Acq: 30 May 2025 09:59

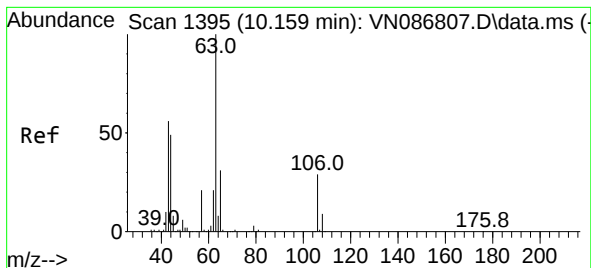
Tgt Ion:107 Resp: 66034

Ion Ratio Lower Upper

107 100

109 92.2 75.0 112.6

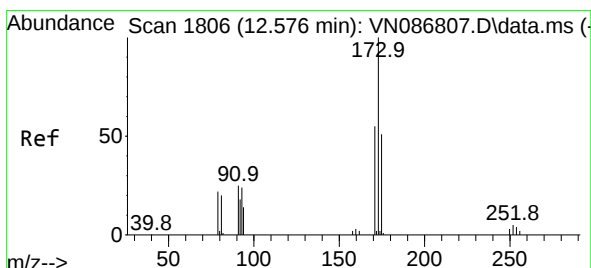
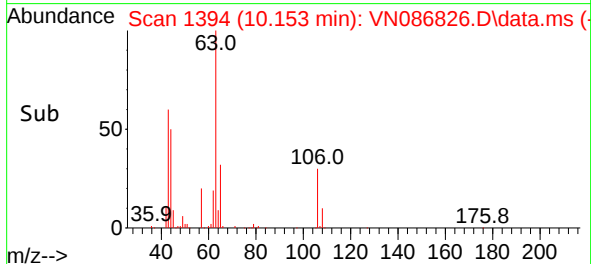
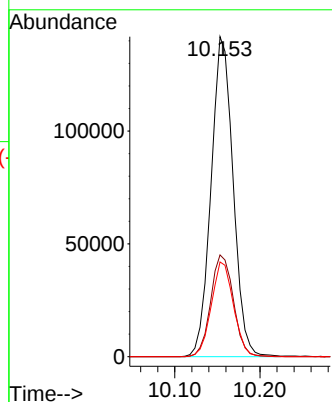
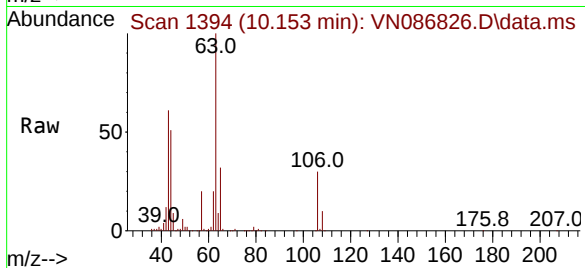




#55
2-Chloroethyl vinyl ether
Concen: 94.691 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

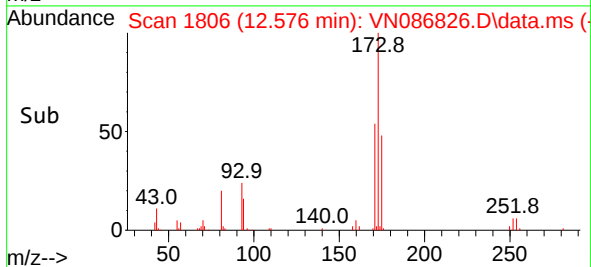
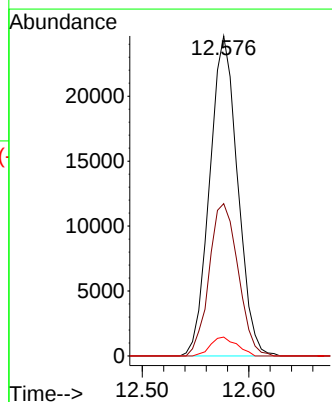
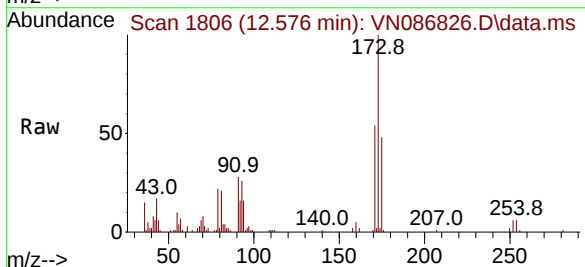
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

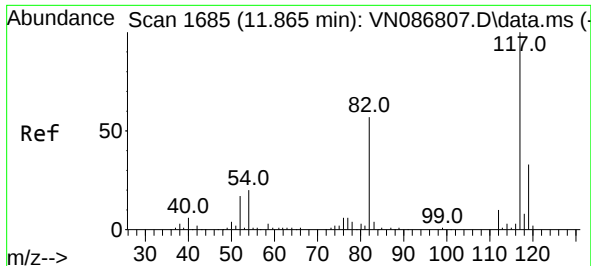
Tgt Ion: 63 Resp: 254997
Ion Ratio Lower Upper
63 100
65 32.6 25.7 38.5
106 29.8 22.7 34.1



#56
Bromoform
Concen: 18.173 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 173 Resp: 44823
Ion Ratio Lower Upper
173 100
175 49.3 39.7 59.5
254 5.6 3.5 5.3#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

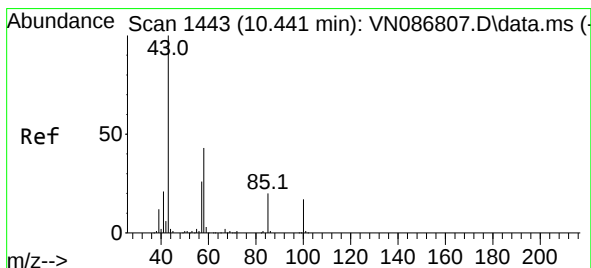
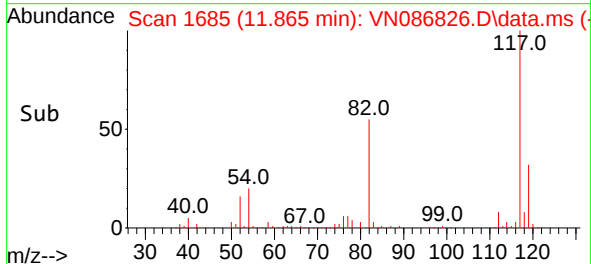
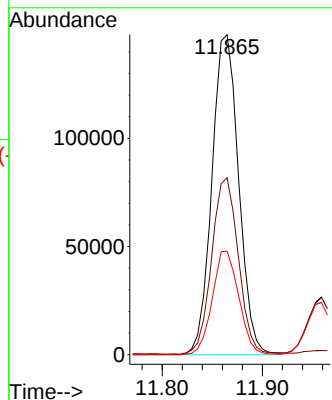
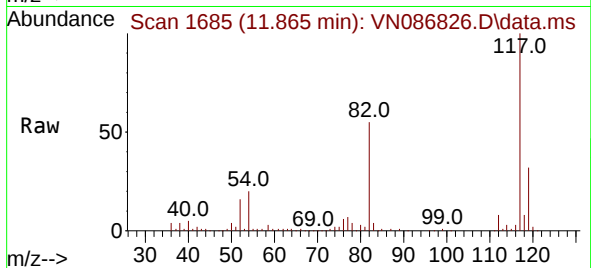
Tgt Ion:117 Resp: 274135

Ion Ratio Lower Upper

117 100

82 54.7 44.7 67.1

119 32.1 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 101.560 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

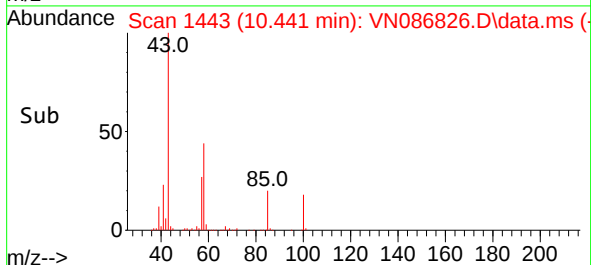
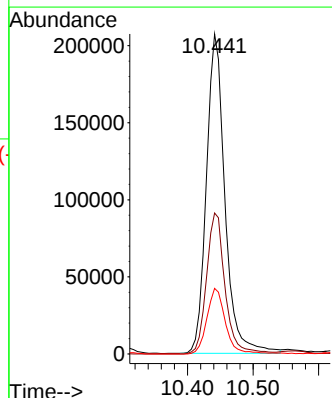
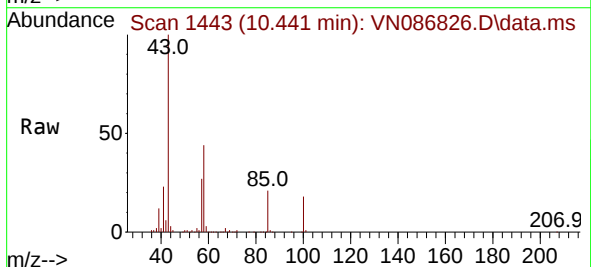
Tgt Ion: 43 Resp: 408521

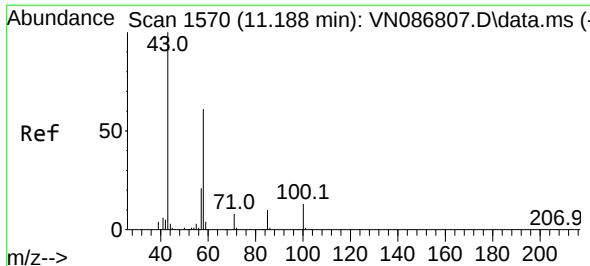
Ion Ratio Lower Upper

43 100

58 44.2 34.5 51.7

85 20.5 15.8 23.8

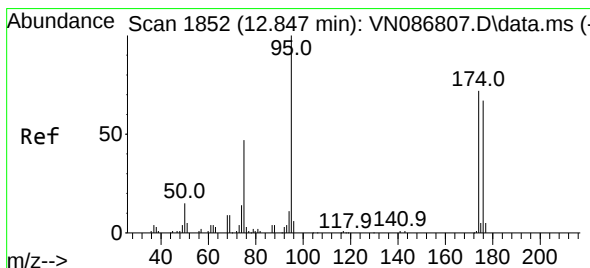
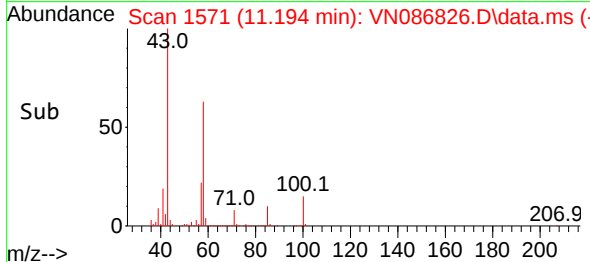
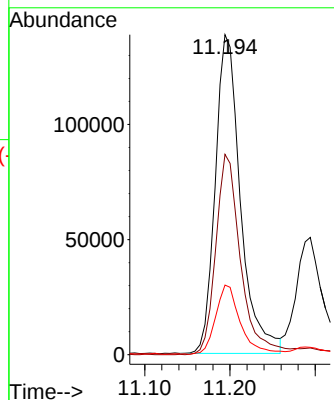
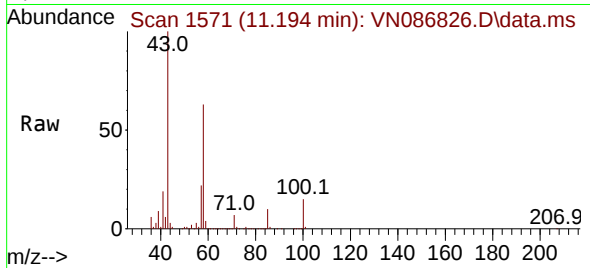




#59
2-Hexanone
Concen: 98.779 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

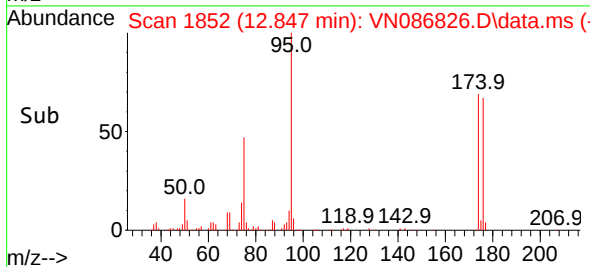
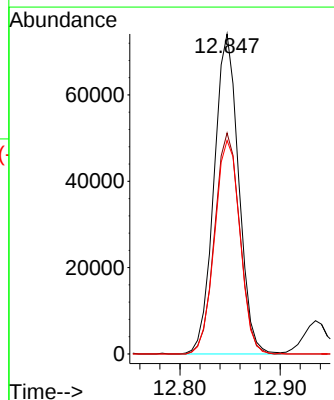
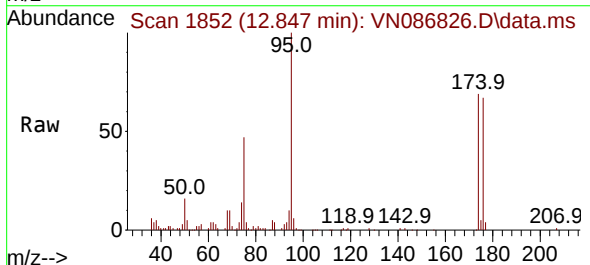
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

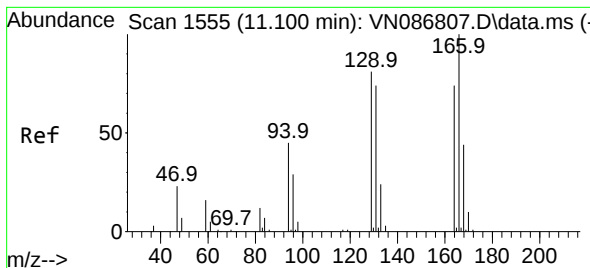
Tgt Ion: 43 Resp: 284615
Ion Ratio Lower Upper
43 100
58 61.9 49.1 73.7
57 21.4 16.6 25.0



#60
4-Bromofluorobenzene
Concen: 29.413 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 95 Resp: 126595
Ion Ratio Lower Upper
95 100
174 70.4 56.2 84.4
176 68.5 53.4 80.0





#61

Tetrachloroethene

Concen: 15.355 ug/l

RT: 11.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 70755

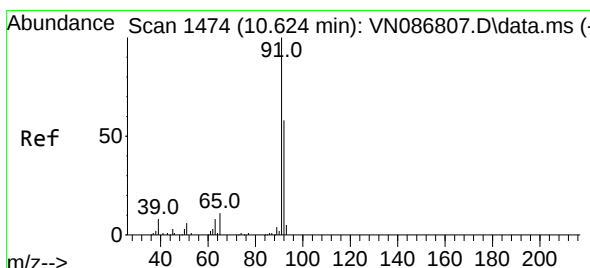
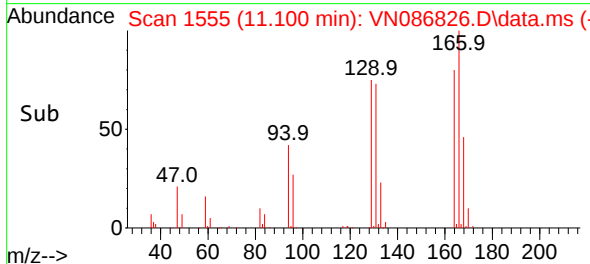
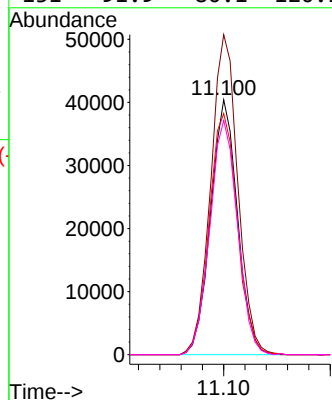
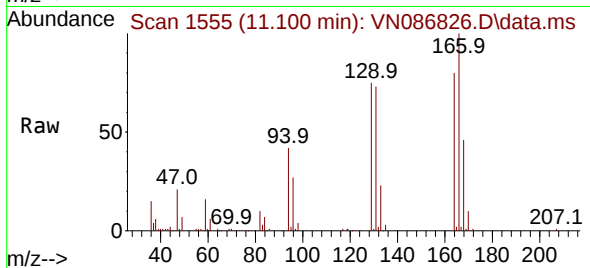
Ion Ratio Lower Upper

164 100

166 125.5 107.5 161.3

129 94.6 87.4 131.2

131 91.9 80.1 120.1



#62

Toluene

Concen: 19.851 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VN086826.D

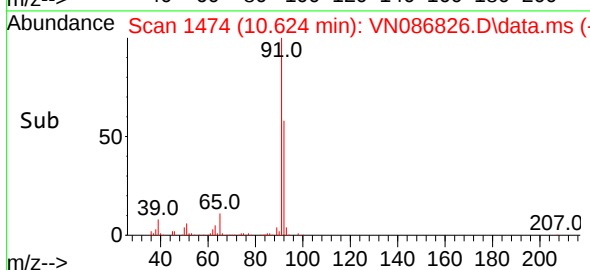
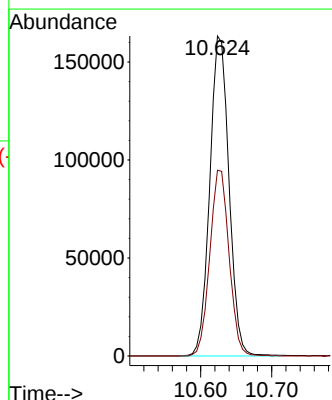
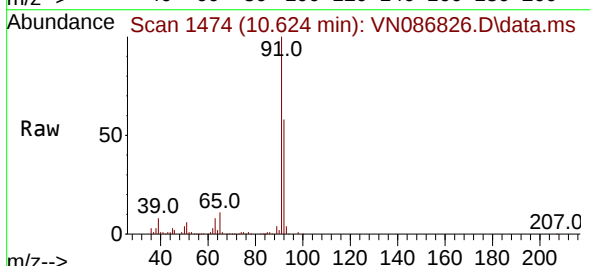
Acq: 30 May 2025 09:59

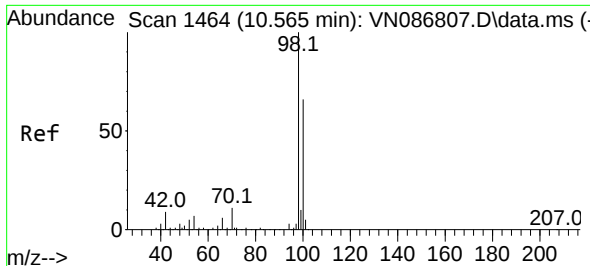
Tgt Ion: 91 Resp: 306490

Ion Ratio Lower Upper

91 100

92 58.2 46.6 70.0

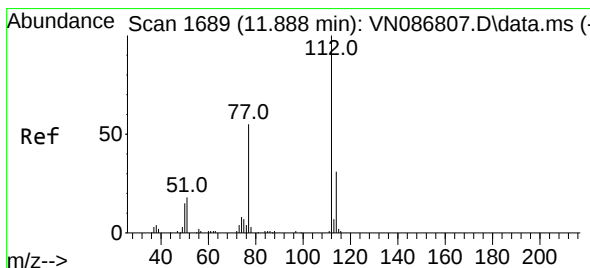
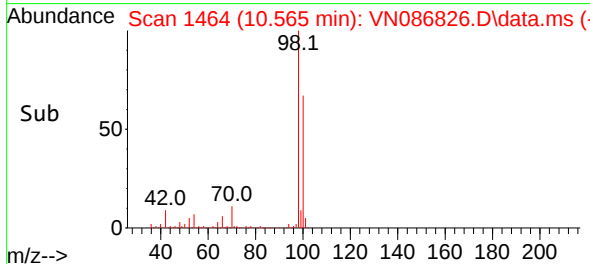
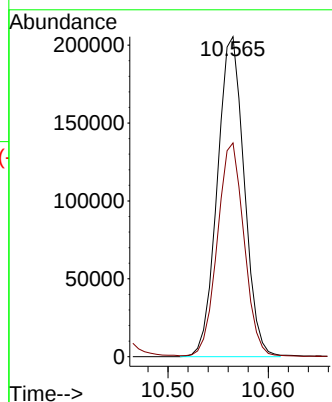
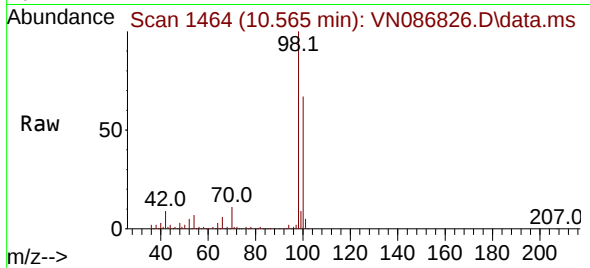




#63
Toluene-d8
Concen: 30.366 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

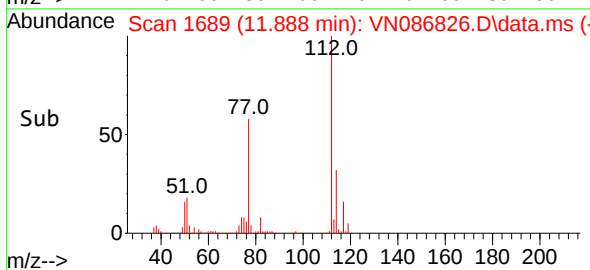
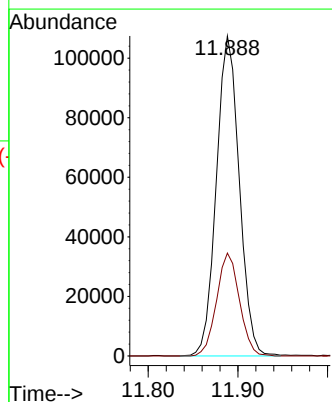
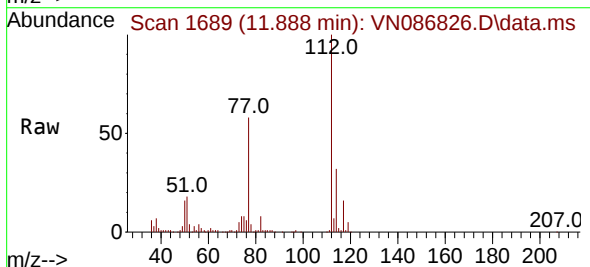
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

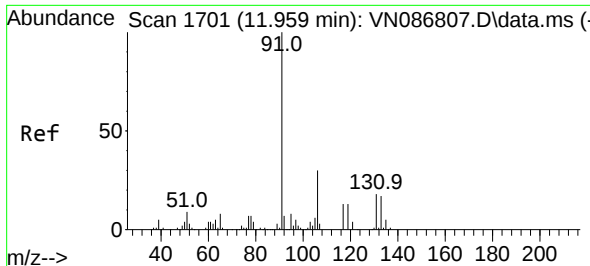
Tgt Ion: 98 Resp: 382077
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1



#64
Chlorobenzene
Concen: 19.366 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 112 Resp: 190679
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

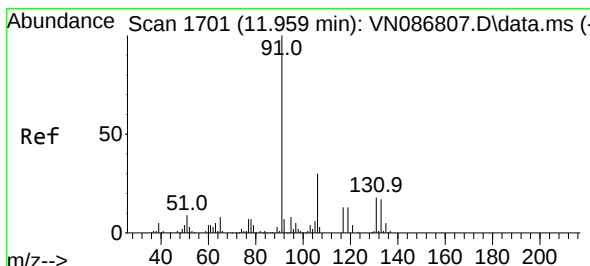
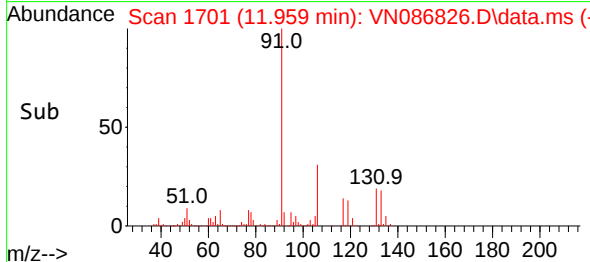
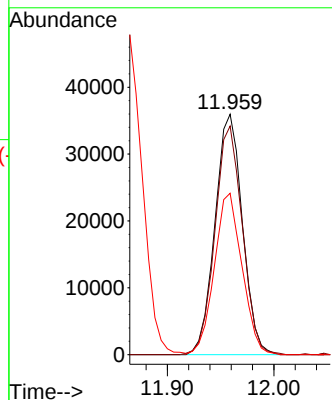
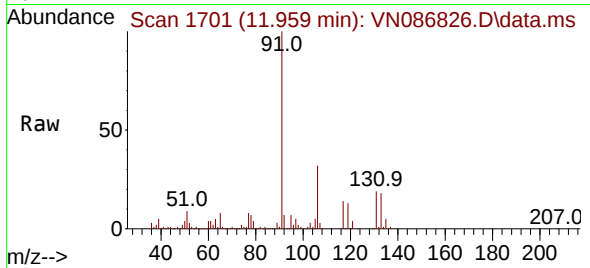




#65
1,1,1,2-Tetrachloroethane
Concen: 19.908 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

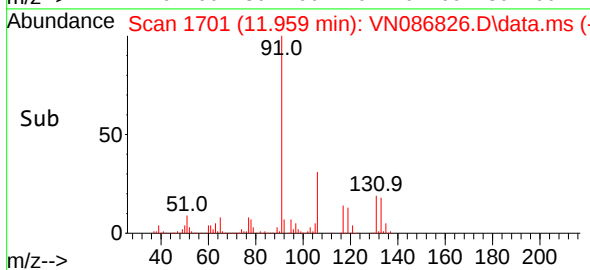
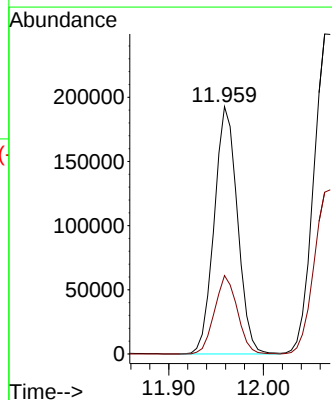
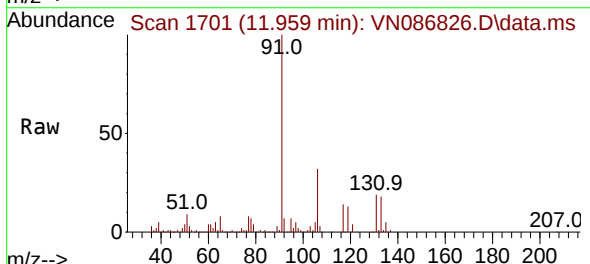
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

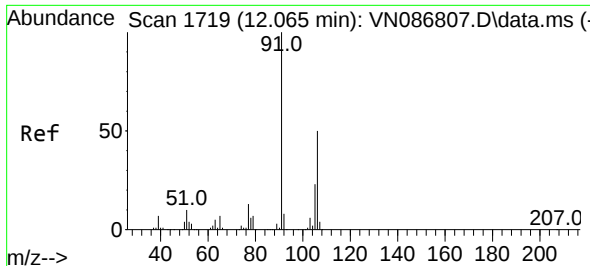
Tgt Ion:131 Resp: 64396
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.0
119 67.6 0.0 140.8



#66
Ethyl Benzene
Concen: 19.707 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 91 Resp: 329097
Ion Ratio Lower Upper
91 100
106 31.7 23.6 35.4

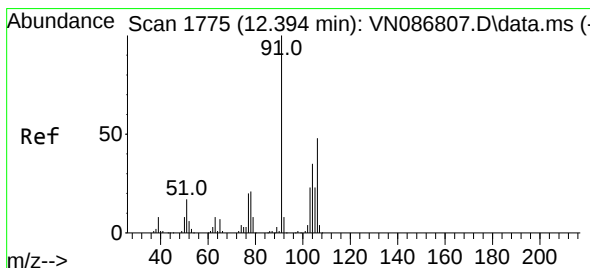
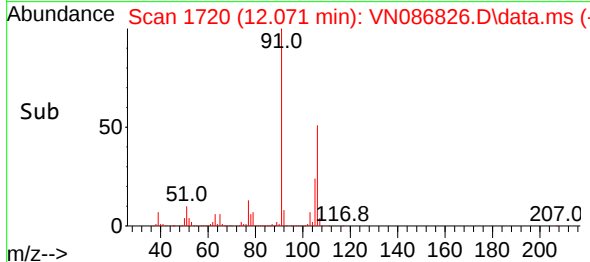
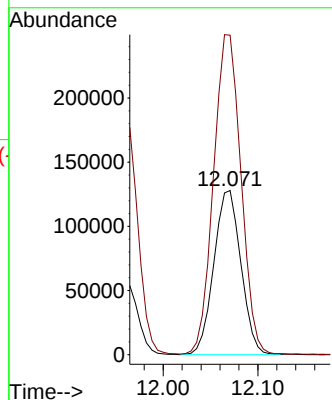
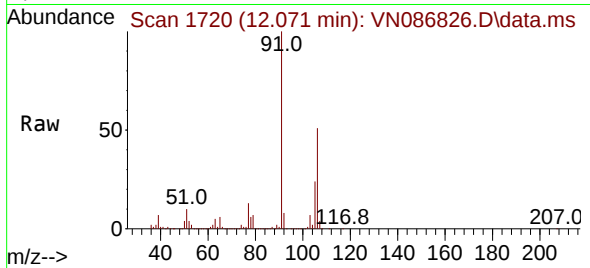




#67
m/p-Xylenes
Concen: 38.762 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

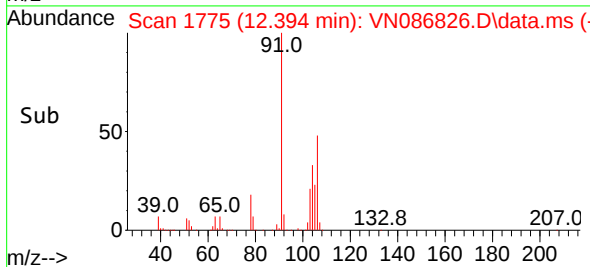
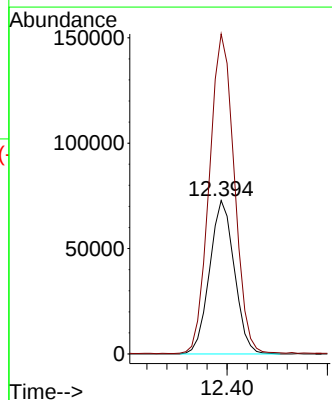
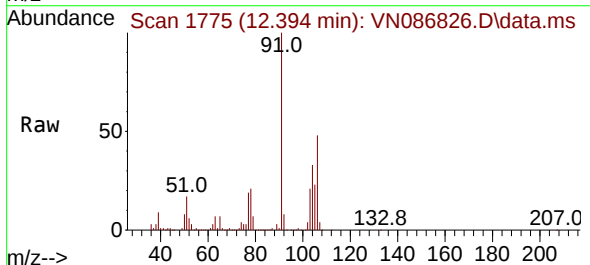
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

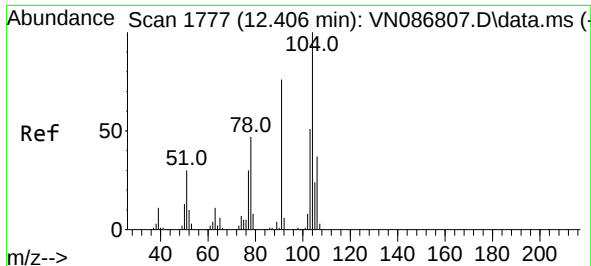
Tgt Ion:106 Resp: 254012
Ion Ratio Lower Upper
106 100
91 198.0 160.7 241.1



#68
o-Xylene
Concen: 19.668 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion:106 Resp: 124909
Ion Ratio Lower Upper
106 100
91 210.3 106.3 318.9

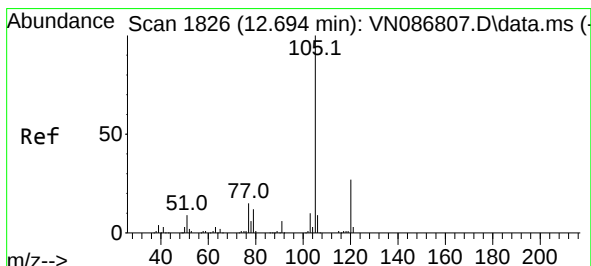
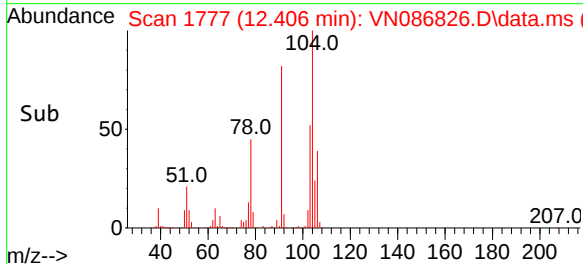
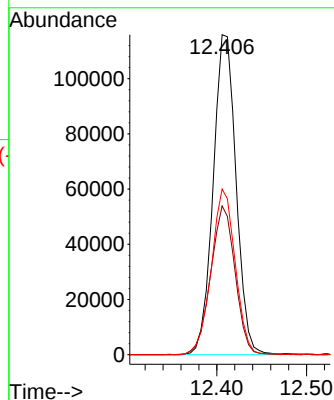
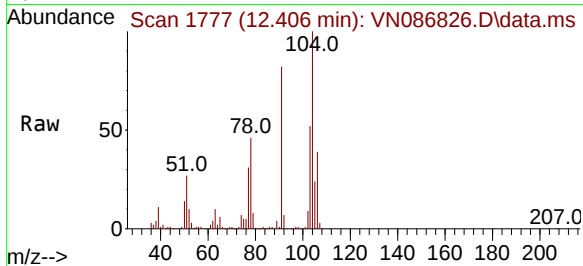




#69
Styrene
Concen: 19.432 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

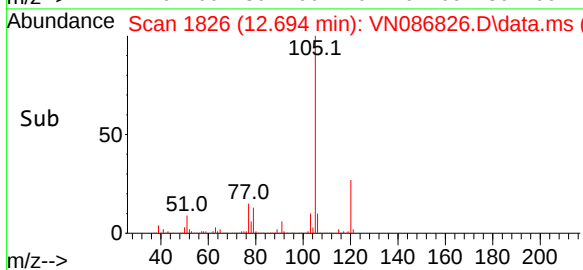
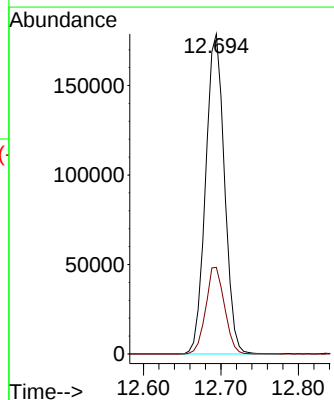
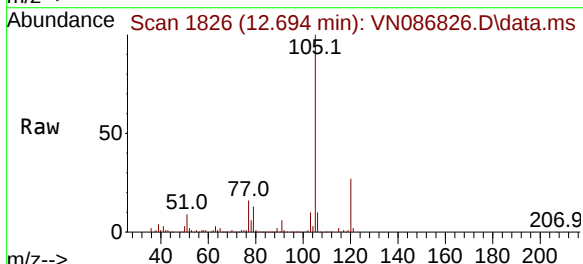
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

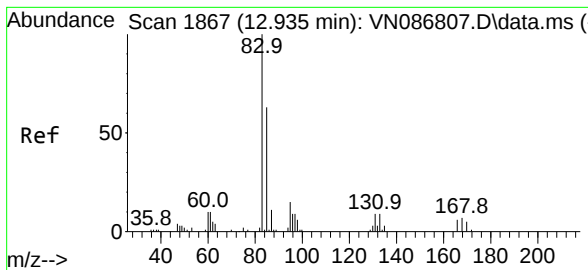
Tgt Ion:104 Resp: 205605
Ion Ratio Lower Upper
104 100
78 49.4 38.6 57.8
103 53.9 43.2 64.8



#70
Isopropylbenzene
Concen: 19.937 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion:105 Resp: 301147
Ion Ratio Lower Upper
105 100
120 27.0 19.0 35.2

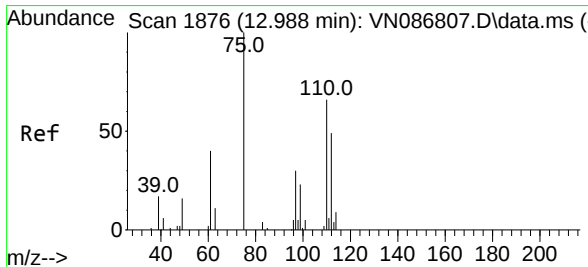
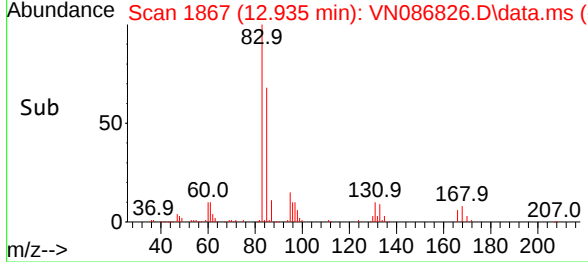
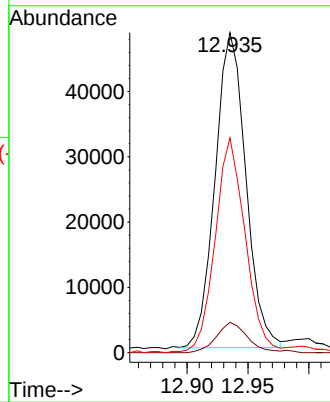
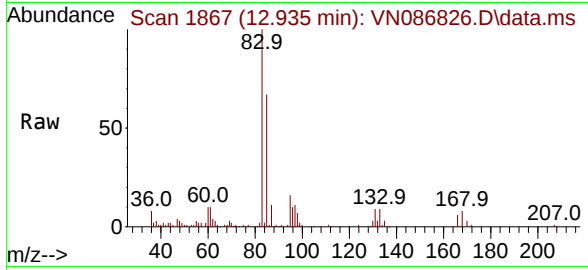




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.591 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086826.D
 Acq: 30 May 2025 09:59

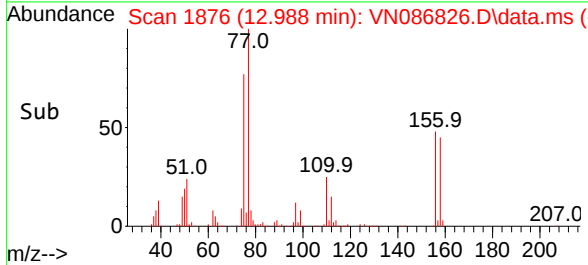
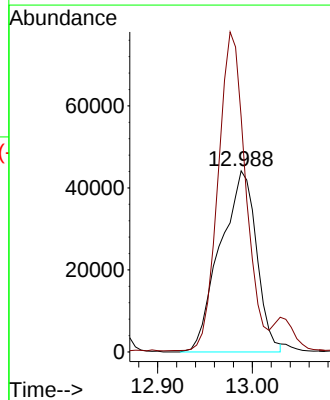
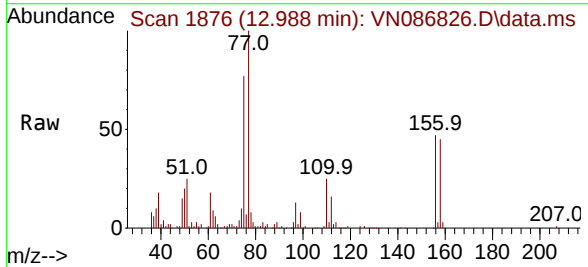
Instrument :
 MSVOA_N
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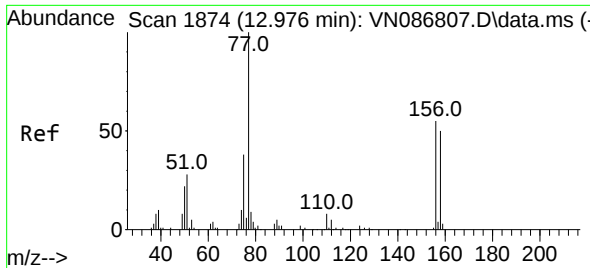
Tgt Ion: 83 Resp: 84722
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 66.6 32.6 97.7



#72
 1,2,3-Trichloropropane
 Concen: 27.917 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN086826.D
 Acq: 30 May 2025 09:59

Tgt Ion: 75 Resp: 117504
 Ion Ratio Lower Upper
 75 100
 77 133.8 0.0 390.6

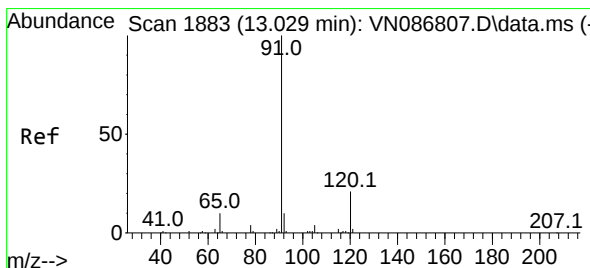
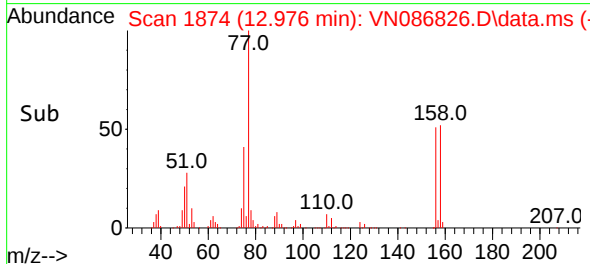
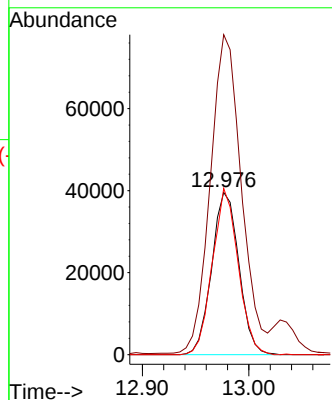
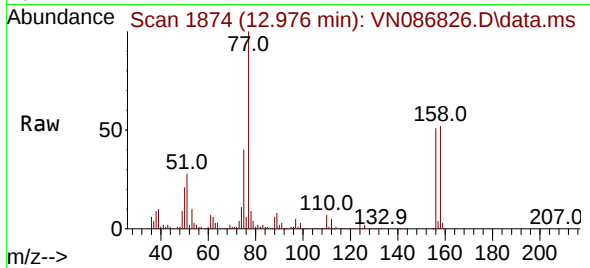




#73
Bromobenzene
Concen: 18.633 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

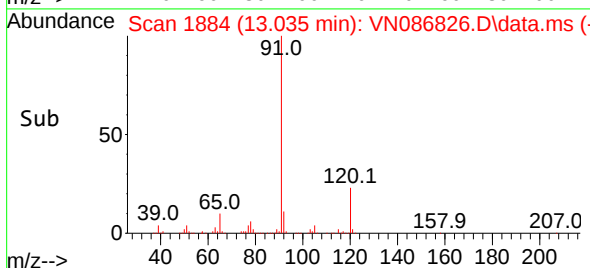
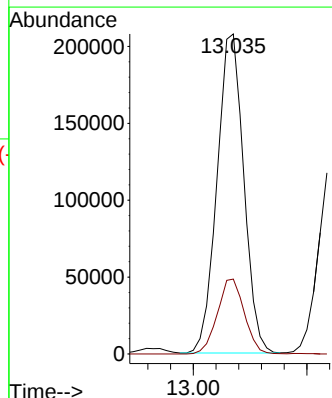
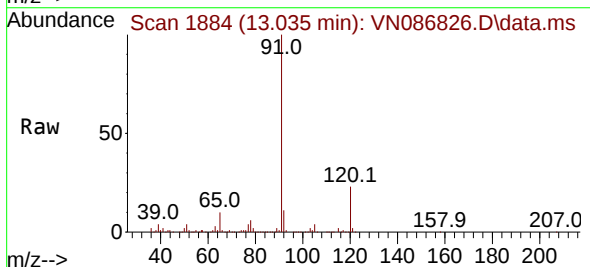
Instrument :
MSVOA_N
ClientSampleId :
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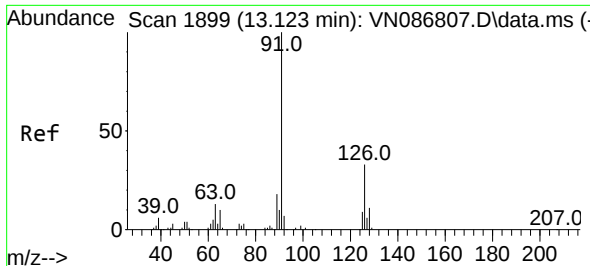
Tgt Ion:156 Resp: 69958
Ion Ratio Lower Upper
156 100
77 224.8 0.0 442.0
158 97.3 0.0 191.8



#74
n-propylbenzene
Concen: 18.972 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 91 Resp: 339456
Ion Ratio Lower Upper
91 100
120 23.6 0.0 45.6

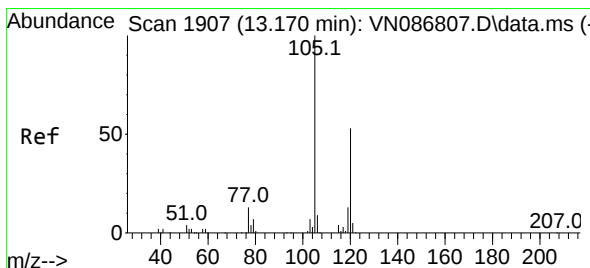
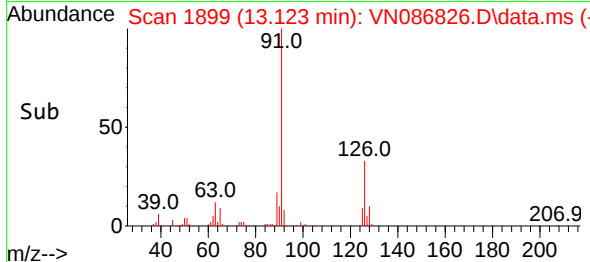
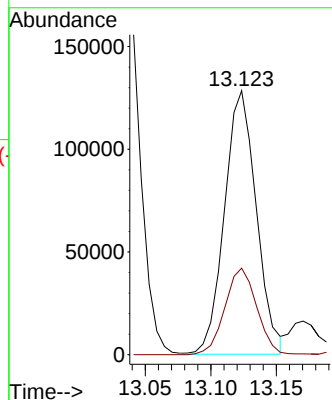
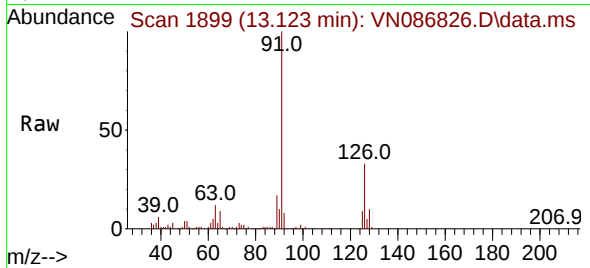




#75
2-Chlorotoluene
Concen: 18.896 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

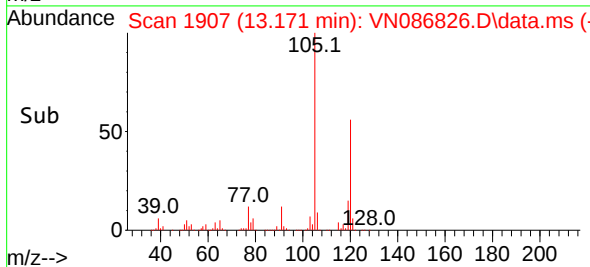
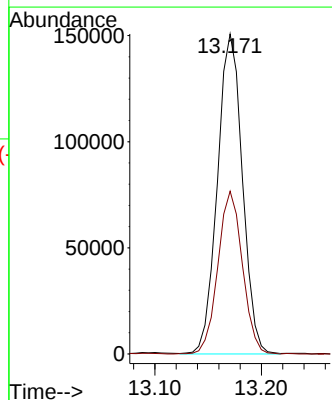
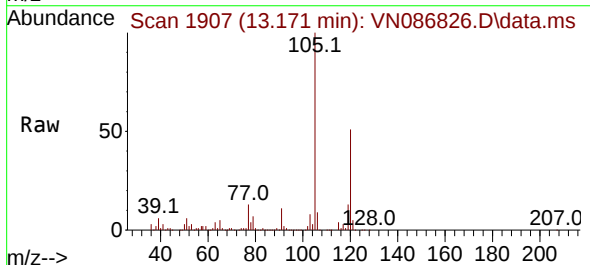
Instrument :
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ClientSampleId :
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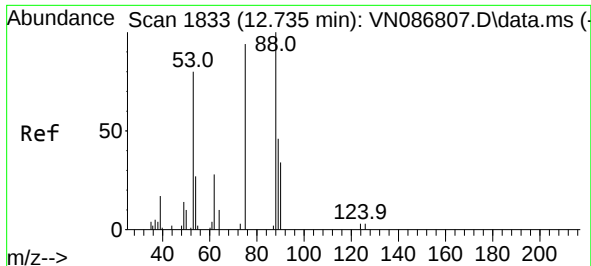
Tgt Ion: 91 Resp: 217002
Ion Ratio Lower Upper
91 100
126 32.9 0.0 64.4



#76
1,3,5-Trimethylbenzene
Concen: 19.545 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 105 Resp: 245606
Ion Ratio Lower Upper
105 100
120 49.7 0.0 101.4

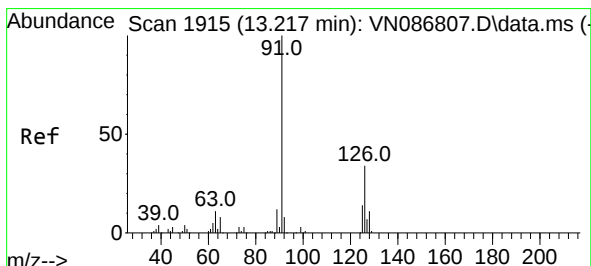
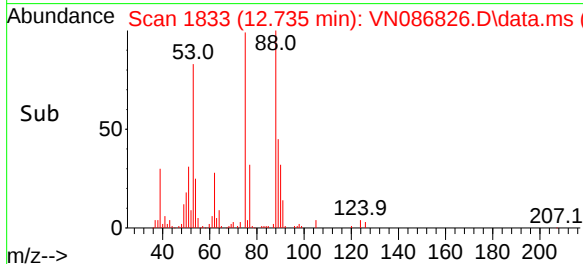
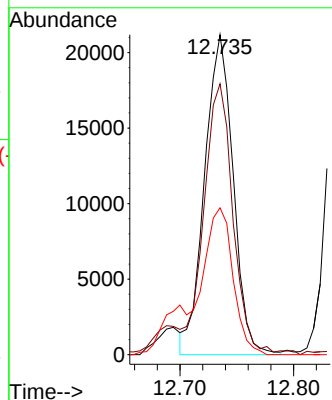
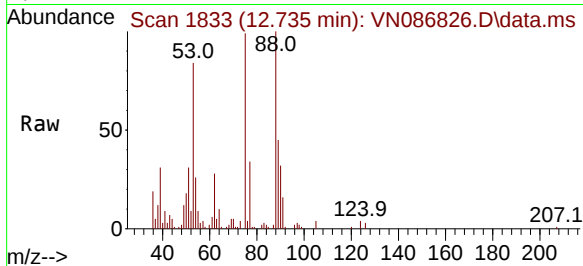




#77
t-1,4-Dichloro-2-butene
Concen: 21.470 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

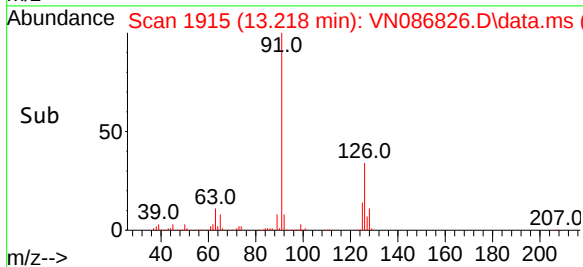
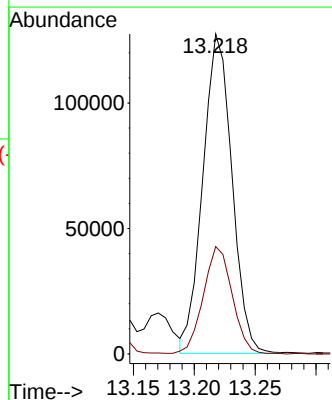
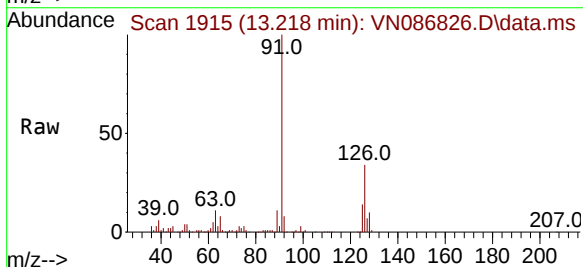
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

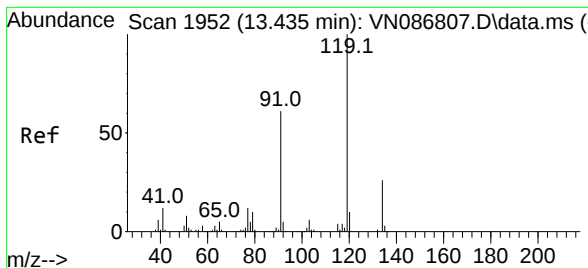
Tgt Ion: 75 Resp: 36982
Ion Ratio Lower Upper
75 100
53 84.1 43.0 128.8
89 46.2 25.4 76.2



#78
4-Chlorotoluene
Concen: 18.602 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 91 Resp: 211616
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.6

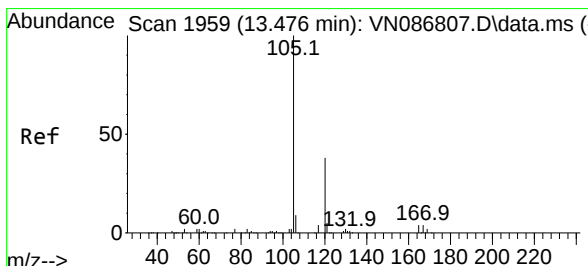
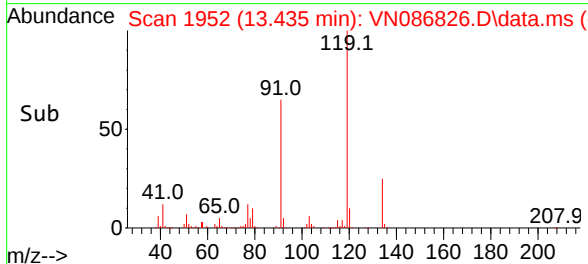
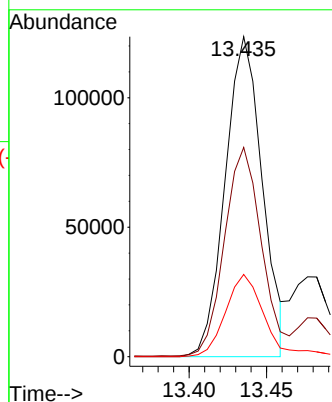
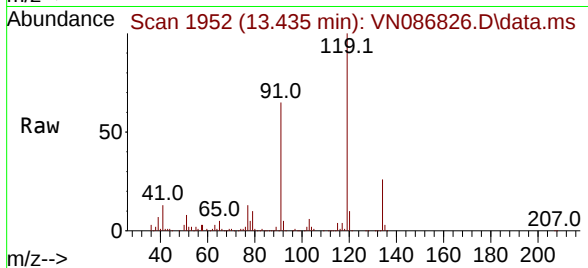




#79
tert-butylbenzene
Concen: 18.908 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

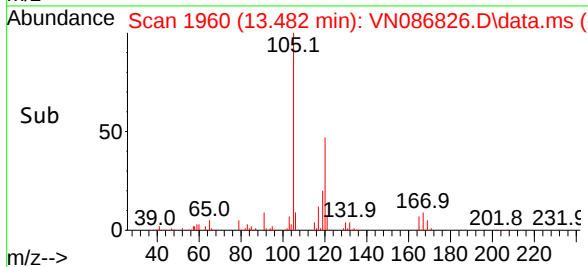
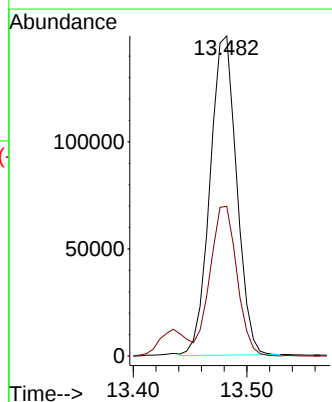
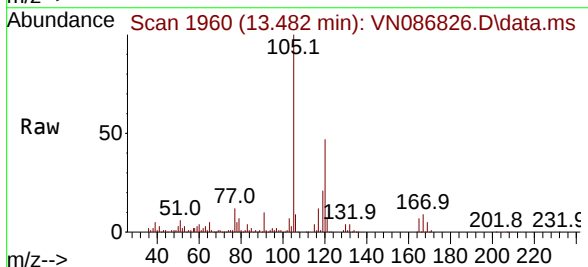
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

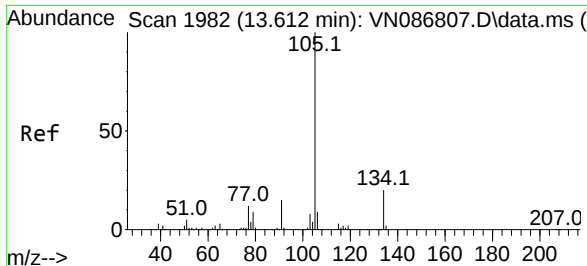
Tgt Ion:119 Resp: 205432
Ion Ratio Lower Upper
119 100
91 65.3 0.0 130.4
134 27.0 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 19.265 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion:105 Resp: 242996
Ion Ratio Lower Upper
105 100
120 47.2 0.0 92.2

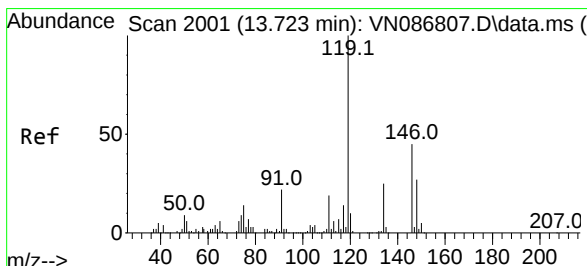
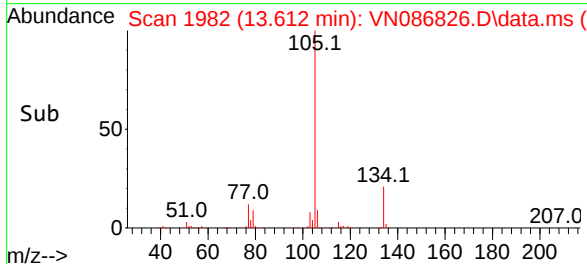
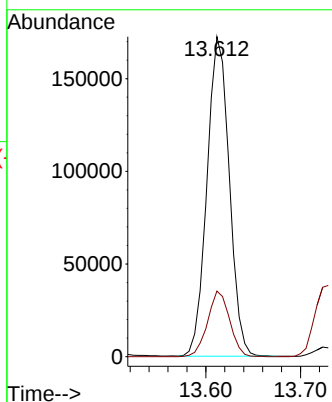
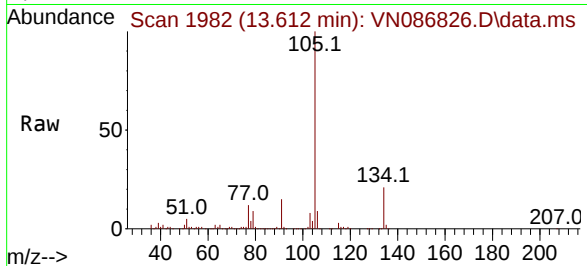




#81
 sec-Butylbenzene
 Concen: 19.050 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086826.D
 Acq: 30 May 2025 09:59

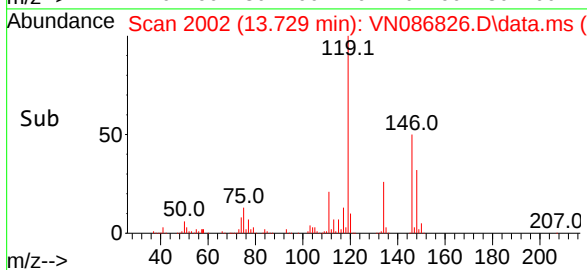
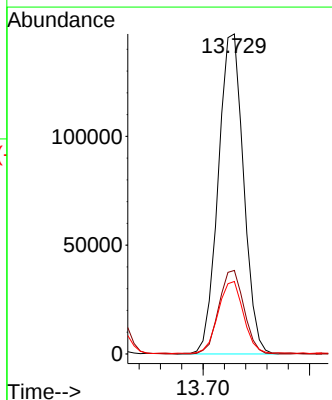
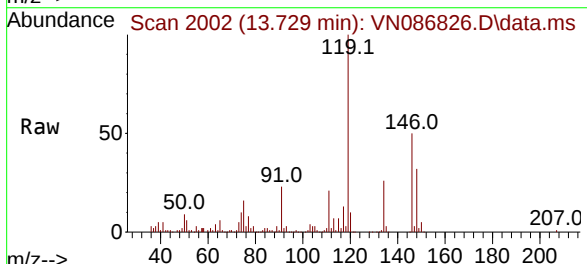
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

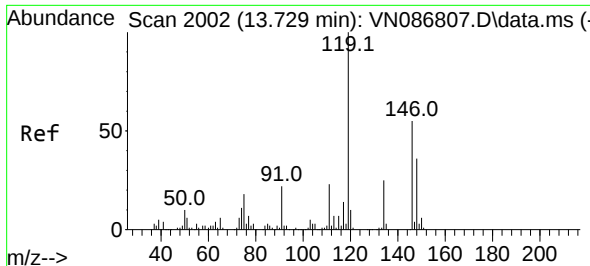
Tgt Ion:105 Resp: 281962
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 19.490 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086826.D
 Acq: 30 May 2025 09:59

Tgt Ion:119 Resp: 242228
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 22.4 0.0 45.2

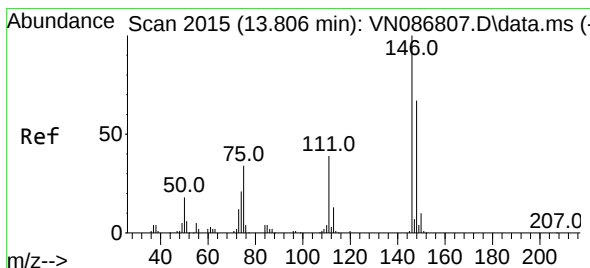
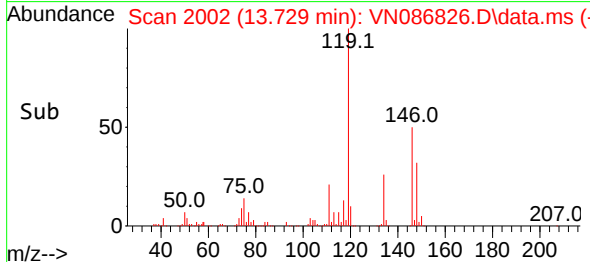
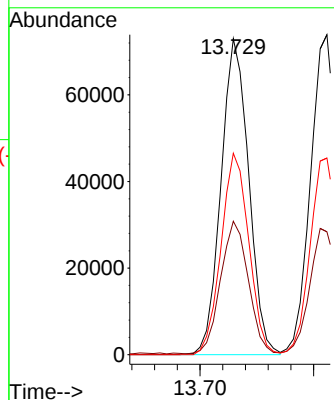
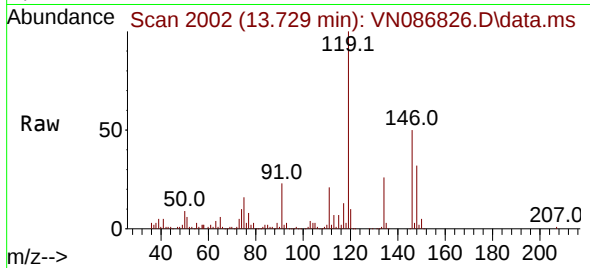




#83
1,3-Dichlorobenzene
Concen: 17.928 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

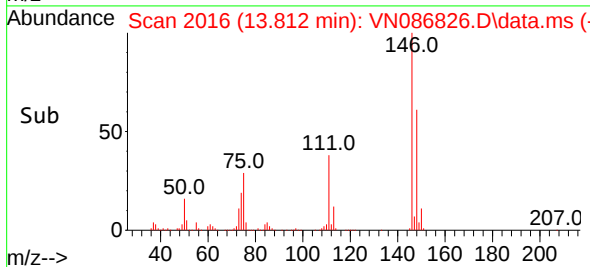
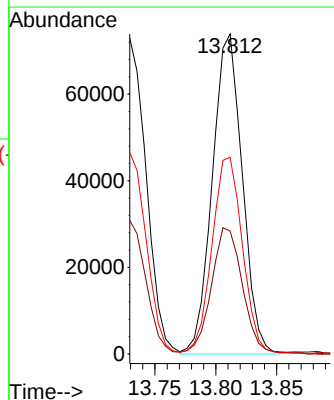
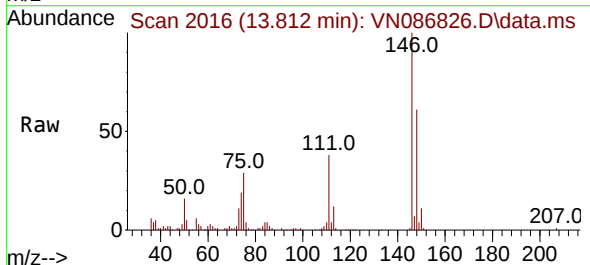
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

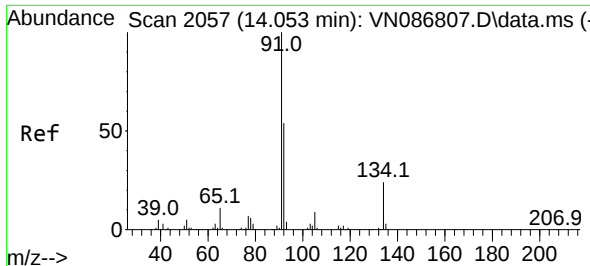
Tgt Ion:146 Resp: 123483
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.1
148 63.8 32.1 96.5



#84
1,4-Dichlorobenzene
Concen: 18.415 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion:146 Resp: 126221
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 62.7 31.9 95.5

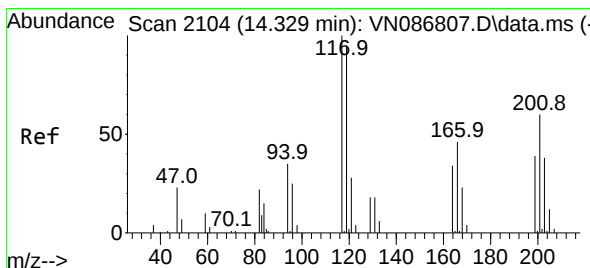
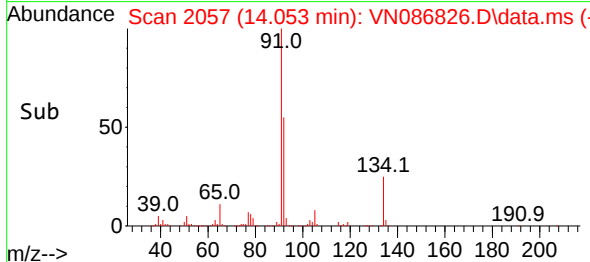
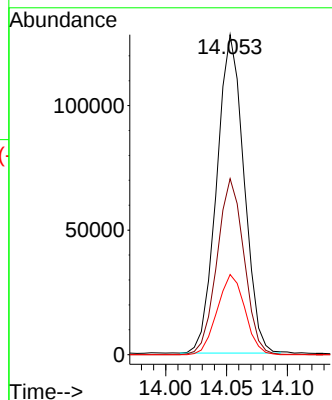
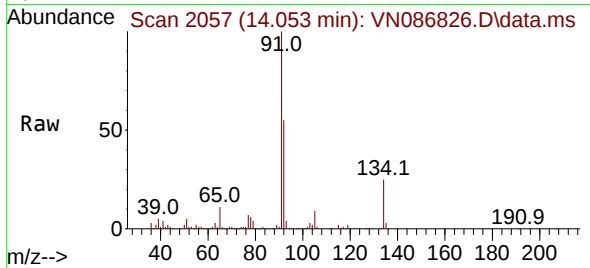




#85
n-Butylbenzene
Concen: 19.138 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

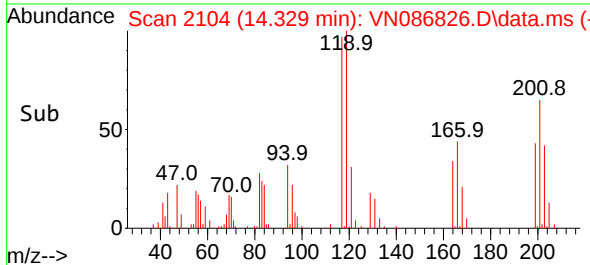
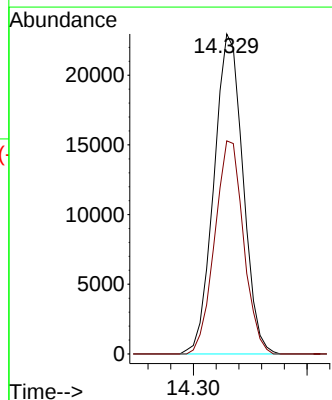
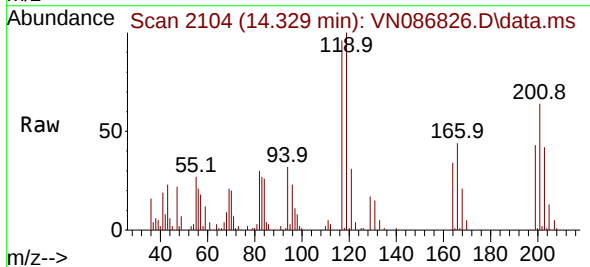
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

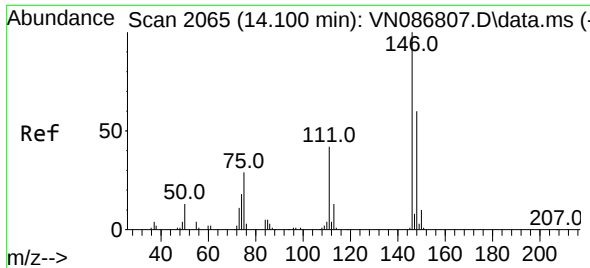
Tgt Ion: 91 Resp: 199129
Ion Ratio Lower Upper
91 100
92 54.9 0.0 107.6
134 25.5 0.0 50.0



#86
Hexachloroethane
Concen: 19.263 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 117 Resp: 40802
Ion Ratio Lower Upper
117 100
201 65.9 31.4 94.3

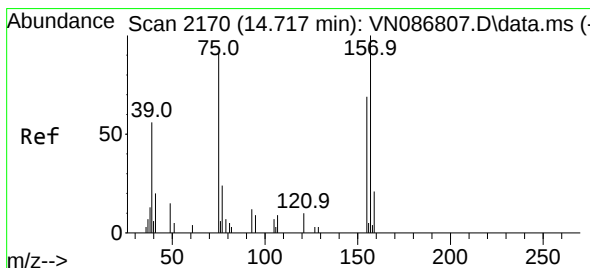
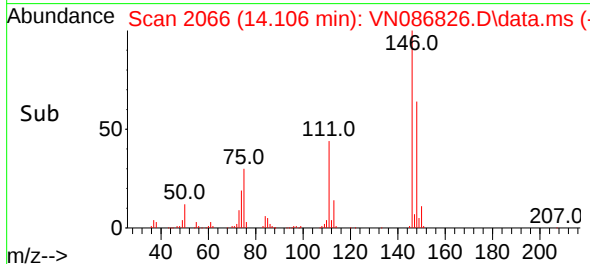
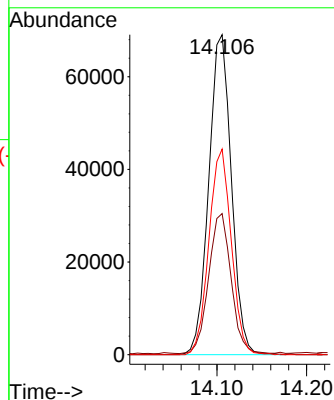
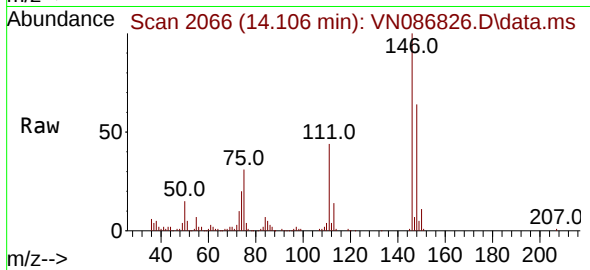




#87
1,2-Dichlorobenzene
Concen: 18.191 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

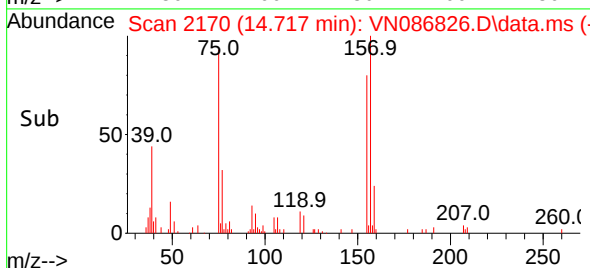
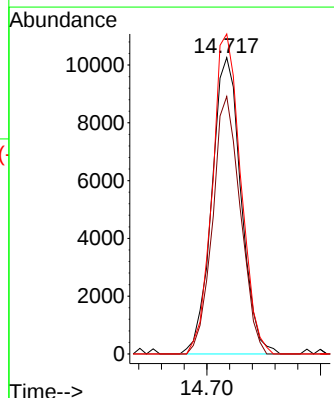
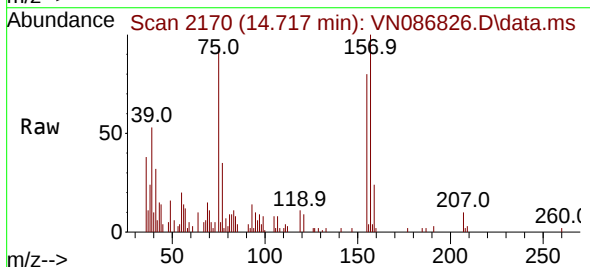
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

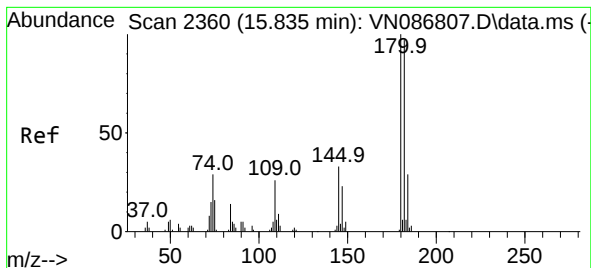
Tgt Ion:146 Resp: 120865
Ion Ratio Lower Upper
146 100
111 43.3 21.6 64.8
148 63.6 31.6 94.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 24.234 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion: 75 Resp: 18328
Ion Ratio Lower Upper
75 100
155 82.4 62.9 94.3
157 105.2 84.0 126.0





#89

1,2,4-Trichlorobenzene

Concen: 21.937 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

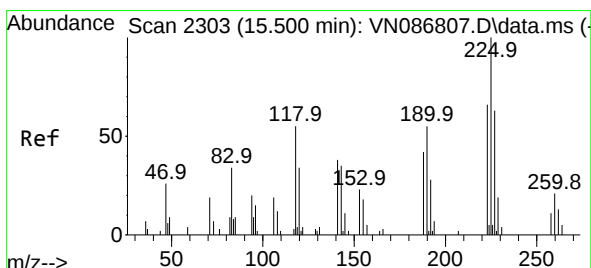
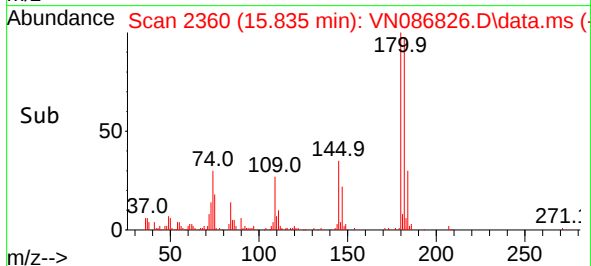
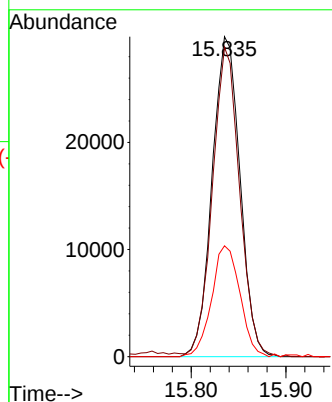
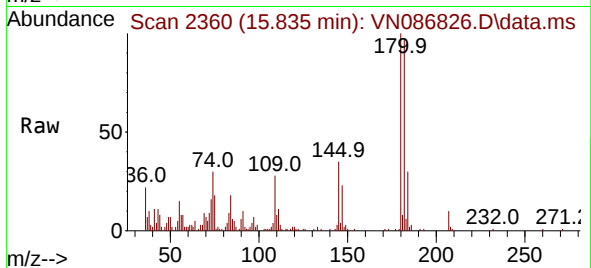
Tgt Ion:180 Resp: 60998

Ion Ratio Lower Upper

180 100

182 94.0 78.2 117.2

145 35.1 28.0 42.0



#90

Hexachlorobutadiene

Concen: 18.074 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN086826.D

Acq: 30 May 2025 09:59

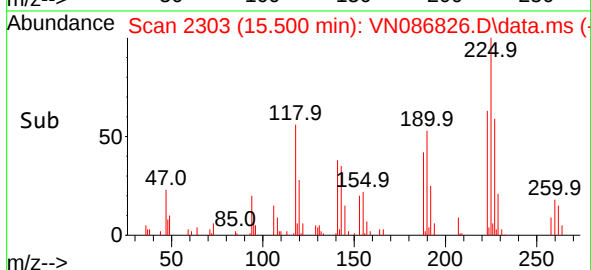
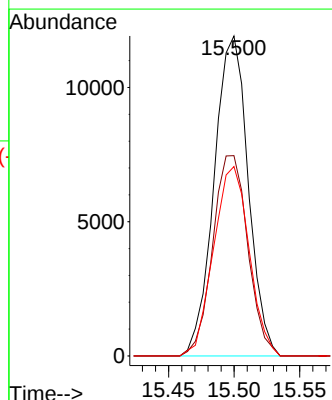
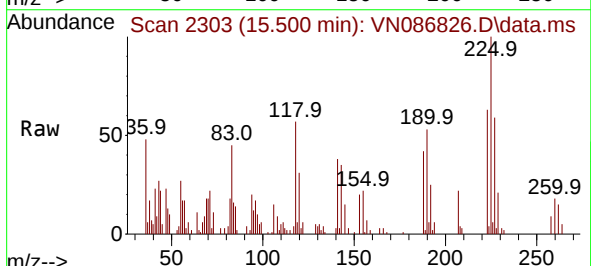
Tgt Ion:225 Resp: 21540

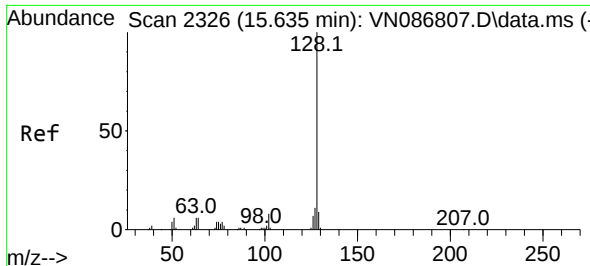
Ion Ratio Lower Upper

225 100

223 64.3 0.0 135.8

227 61.8 0.0 125.0

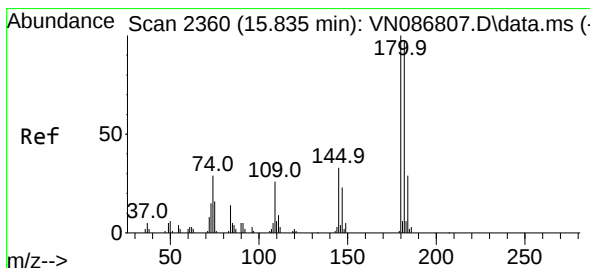
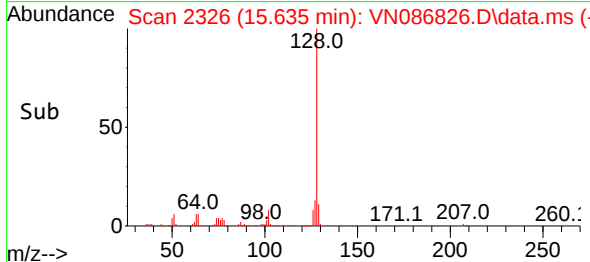
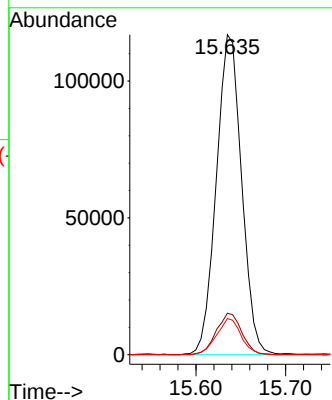
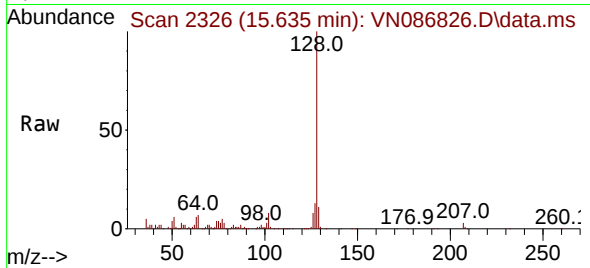




#91
Naphthalene
Concen: 23.579 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 228760
Ion Ratio Lower Upper
128 100
127 13.0 9.8 14.6
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 21.937 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086826.D
Acq: 30 May 2025 09:59

Tgt Ion:180 Resp: 60998
Ion Ratio Lower Upper
180 100
182 94.0 0.0 195.4
145 35.1 0.0 70.0

