

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085426.D
 Acq On : 10 Jan 2025 16:06
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Jan 10 22:49:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	28548	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	149674	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	141010	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	75424	30.033	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.100%			
60) 4-Bromofluorobenzene	12.847	95	68959	30.190	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.633%			
63) Toluene-d8	10.565	98	205631	29.864	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.533%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	49182	20.604	ug/l	99
3) Chloromethane	2.359	50	48686	20.201	ug/l	100
4) Vinyl Chloride	2.512	62	51527	21.056	ug/l	98
5) Bromomethane	2.959	94	29418	20.564	ug/l	100
6) Chloroethane	3.118	64	32730	21.187	ug/l	96
7) Trichlorofluoromethane	3.500	101	70790	21.056	ug/l	93
8) Diethyl Ether	3.953	74	23871	20.617	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	41842	21.674	ug/l	98
10) 1,1-Dichloroethene	4.336	96	37502	21.264	ug/l	92
11) Methyl Iodide	4.589	142	42177	19.955	ug/l	92
12) Methyl Acetate	5.024	43	60739	23.062	ug/l	99
13) Acrolein	4.177	56	26906	114.435	ug/l	100
14) Acrylonitrile	5.712	53	101509	99.650	ug/l	98
15) Acetone	4.418	58	25394	98.823	ug/l	95
16) Carbon Disulfide	4.706	76	103640	19.332	ug/l	96
17) Allyl chloride	5.018	41	56356	19.754	ug/l	97
18) Methylene Chloride	5.277	84	43983	20.929	ug/l	96
19) trans-1,2-Dichloroethene	5.788	96	39272	21.409	ug/l	96
20) Diisopropyl ether	6.659	45	135849	20.777	ug/l	98
21) 1,1-Dichloroethane	6.559	63	83108	21.742	ug/l #	95
22) cis-1,2-Dichloroethene	7.482	96	47840	21.902	ug/l	96
23) tert-Butyl Alcohol	5.506	59	28360	84.476	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	122885	21.229	ug/l	99
25) Chloroform	7.959	83	82908	21.397	ug/l	98
26) Cyclohexane	8.247	56	59749	20.502	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	56460	21.726	ug/l	100
30) 2-Butanone	7.471	43	131443	95.824	ug/l	99
31) 2,2-Dichloropropane	7.482	77	71612	21.747	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	73435	21.738	ug/l	97
33) Carbon Tetrachloride	8.359	117	62432	21.112	ug/l	92
34) Benzene	8.600	78	175740	21.394	ug/l	98
35) Methacrylonitrile	7.771	41	31573	20.792	ug/l	95
36) 1,2-Dichloroethane	8.665	62	64124	21.588	ug/l	99
37) Trichloroethene	9.347	130	39502	21.857	ug/l	99
38) Methylcyclohexane	9.600	83	55803	20.751	ug/l	95
39) 1,2-Dichloropropane	9.618	63	45441	21.743	ug/l	98
40) Dibromomethane	9.700	93	31225	21.430	ug/l	97
41) Bromodichloromethane	9.882	83	65043	21.360	ug/l #	98
42) Vinyl Acetate	6.600	43	474709	98.040	ug/l	100

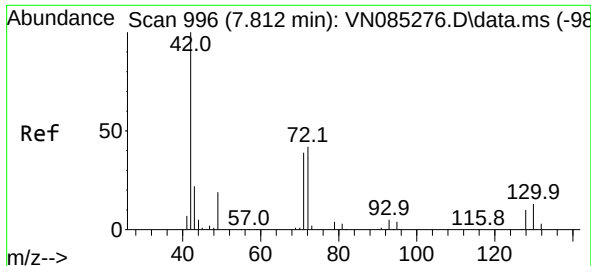
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085426.D
 Acq On : 10 Jan 2025 16:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jan 10 22:49:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	50195	17.695	ug/l	97
44) Isopropyl Acetate	8.682	43	92151	19.555	ug/l	97
45) 1,4-Dioxane	9.694	88	13815	376.912	ug/l	98
46) Methyl methacrylate	9.676	41	42822	19.577	ug/l	96
47) n-amyl Acetate	12.488	43	78214	19.483	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	62286	20.708	ug/l	96
49) cis-1,3-Dichloropropene	10.306	75	66431	20.544	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	39635	20.799	ug/l	99
51) Ethyl methacrylate	10.871	69	57722	20.027	ug/l	94
52) 1,3-Dichloropropane	11.159	76	71661	21.543	ug/l	98
53) Dibromochloromethane	11.353	129	46298	20.735	ug/l	97
54) 1,2-Dibromoethane	11.465	107	39809	21.586	ug/l	96
55) 2-Chloroethyl vinyl ether	10.153	63	148883	100.282	ug/l	100
56) Bromoform	12.576	173	28541	19.594	ug/l #	98
58) 4-Methyl-2-Pentanone	10.441	43	285640	99.922	ug/l	98
59) 2-Hexanone	11.194	43	202146	97.341	ug/l	98
61) Tetrachloroethene	11.100	164	33984	21.588	ug/l	91
62) Toluene	10.623	91	185976	21.468	ug/l	100
64) Chlorobenzene	11.888	112	112251	21.484	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	40740	21.501	ug/l	100
66) Ethyl Benzene	11.959	91	191477	21.006	ug/l	99
67) m/p-Xylenes	12.065	106	146599	42.868	ug/l	98
68) o-Xylene	12.394	106	68589	21.057	ug/l	99
69) Styrene	12.406	104	116149	21.099	ug/l	98
70) Isopropylbenzene	12.694	105	176609	21.592	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	57757	19.910	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	53413m	21.633	ug/l	
73) Bromobenzene	12.976	156	42446	21.006	ug/l	98
74) n-propylbenzene	13.029	91	217913	21.385	ug/l	98
75) 2-Chlorotoluene	13.123	91	133291	21.714	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	149755	21.457	ug/l	100
77) t-1,4-Dichloro-2-butene	12.729	75	20128	19.947	ug/l	91
78) 4-Chlorotoluene	13.217	91	131977	21.146	ug/l	99
79) tert-butylbenzene	13.435	119	120920	21.186	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	148115	21.321	ug/l	99
81) sec-Butylbenzene	13.611	105	175981	21.356	ug/l	98
82) p-Isopropyltoluene	13.723	119	144130	21.238	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	79708	21.151	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	78299	21.476	ug/l	97
85) n-Butylbenzene	14.053	91	121960	20.816	ug/l	99
86) Hexachloroethane	14.329	117	29109	19.980	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	75404	21.061	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9932	18.754	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	34792	20.512	ug/l	100
90) Hexachlorobutadiene	15.494	225	16490	19.504	ug/l	91
91) Naphthalene	15.641	128	104057	19.094	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34792	20.512	ug/l	100

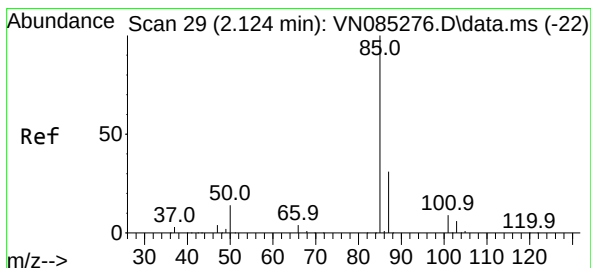
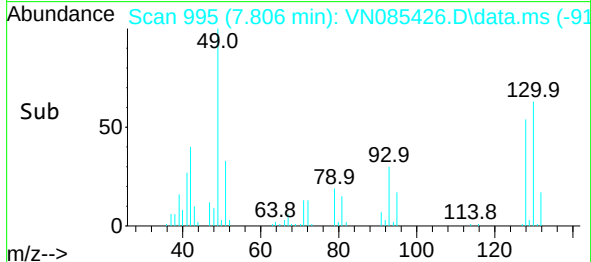
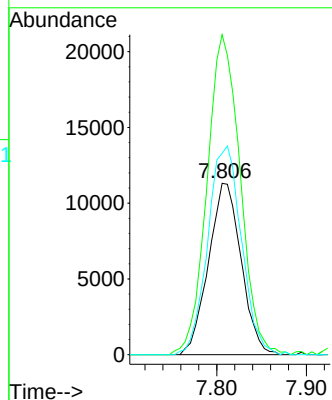
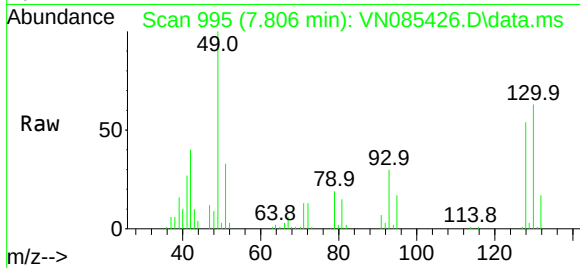
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

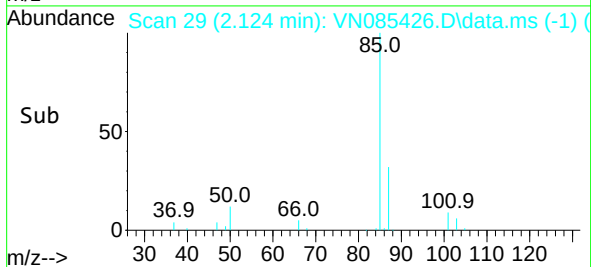
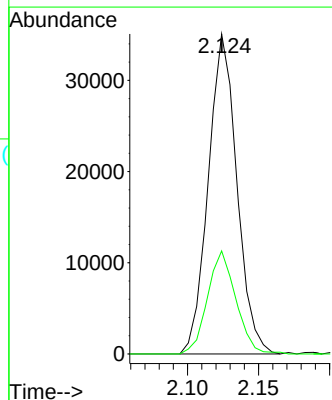
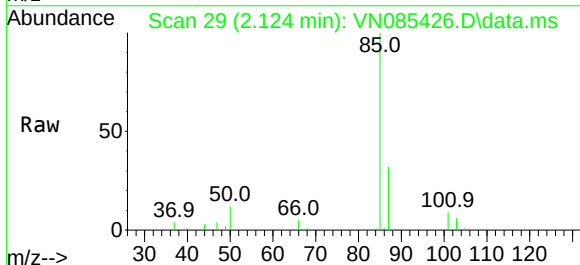
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

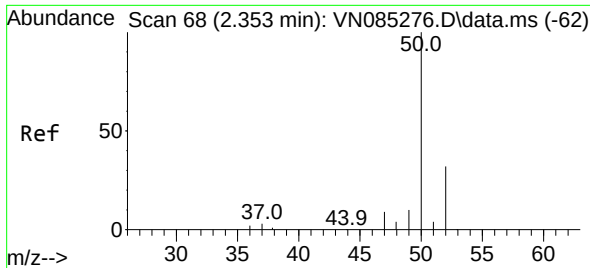
Tgt Ion:128 Resp: 28548
Ion Ratio Lower Upper
128 100
49 189.5 0.0 497.8
130 125.8 0.0 328.5



#2
Dichlorodifluoromethane
Concen: 20.604 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 85 Resp: 49182
Ion Ratio Lower Upper
85 100
87 32.2 16.5 49.5

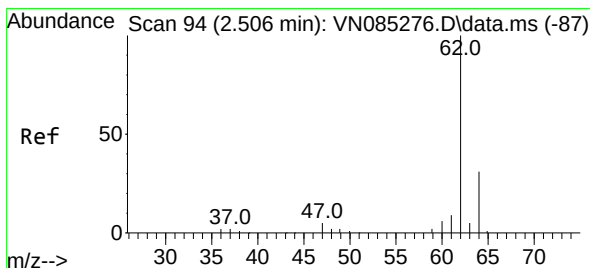
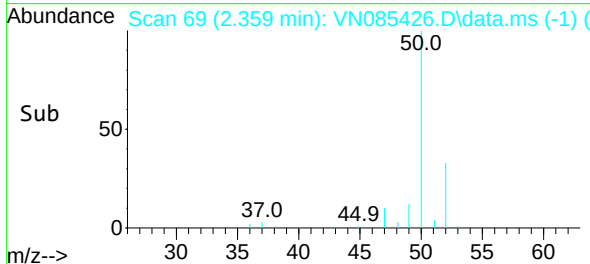
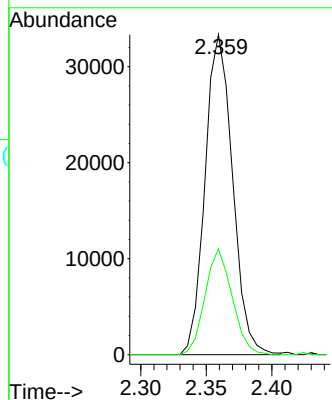
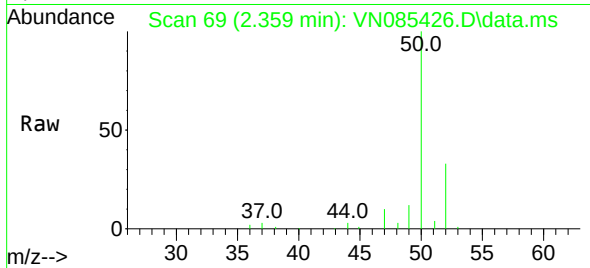




#3
Chloromethane
Concen: 20.201 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

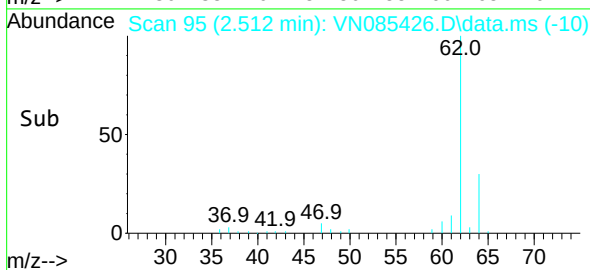
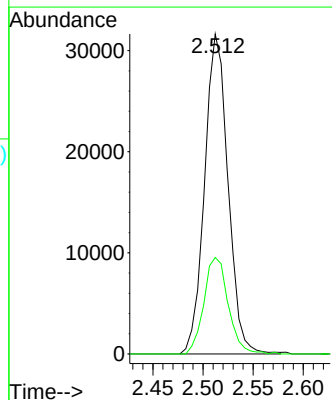
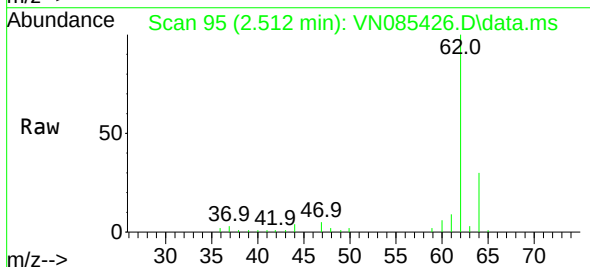
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

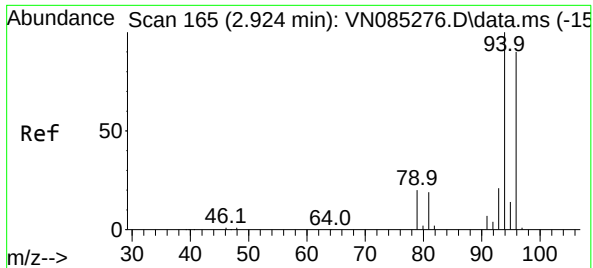
Tgt Ion: 50 Resp: 48686
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 21.056 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 62 Resp: 51527
Ion Ratio Lower Upper
62 100
64 30.1 25.0 37.4

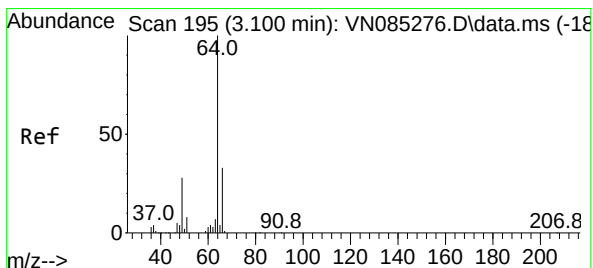
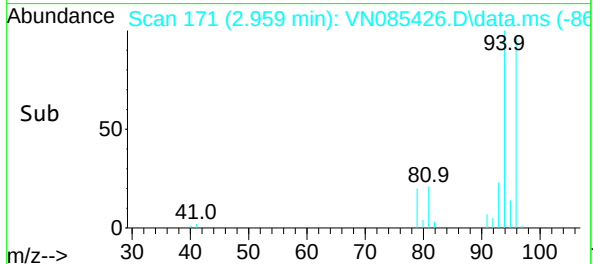
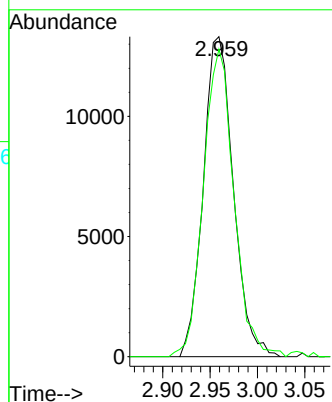
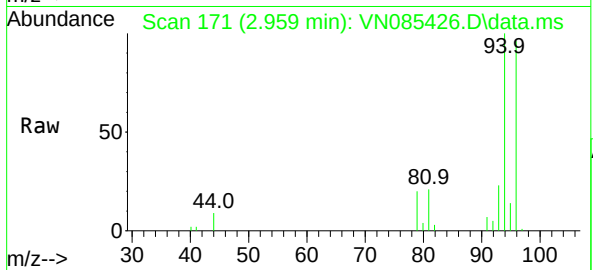




#5
Bromomethane
Concen: 20.564 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

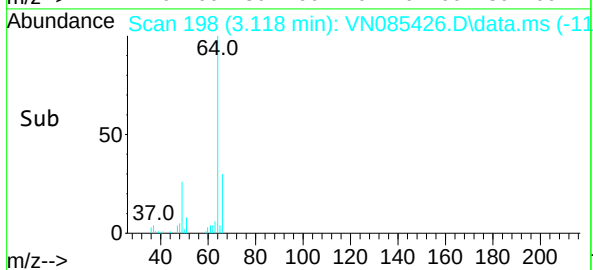
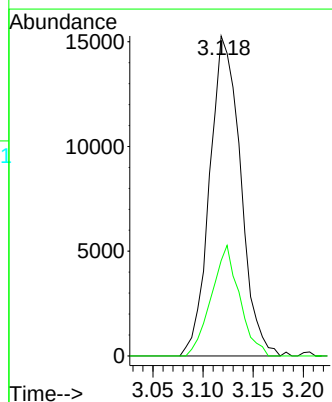
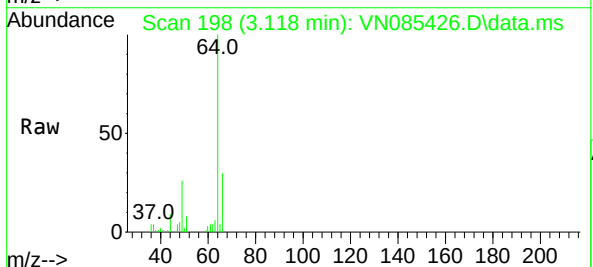
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ClientSampleId :
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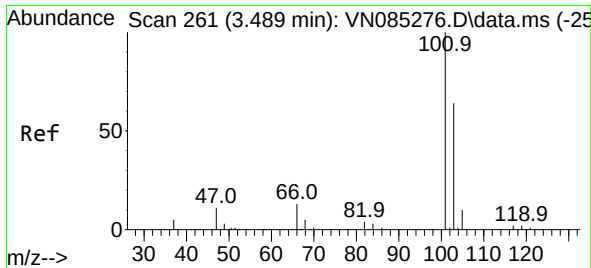
Tgt Ion: 94 Resp: 29418
Ion Ratio Lower Upper
94 100
96 94.3 75.6 113.4



#6
Chloroethane
Concen: 21.187 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 64 Resp: 32730
Ion Ratio Lower Upper
64 100
66 29.8 22.2 33.4

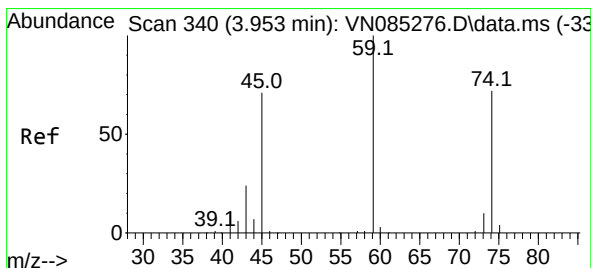
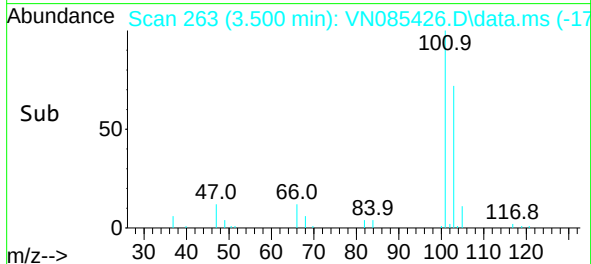
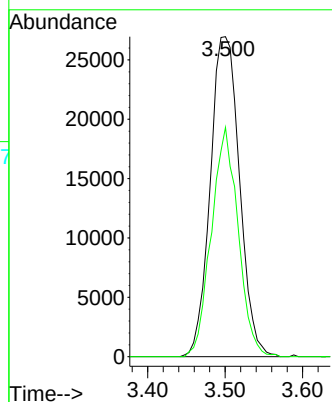
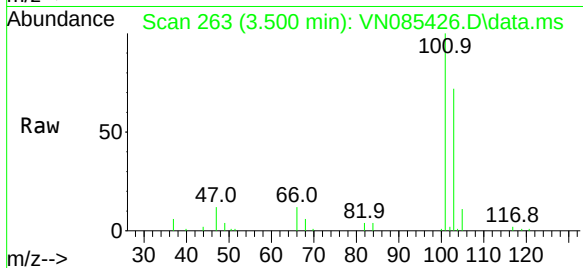




#7
 Trichlorofluoromethane
 Concen: 21.056 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

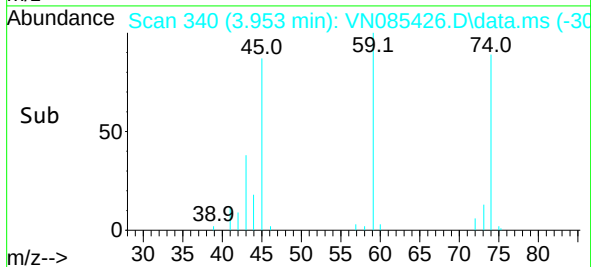
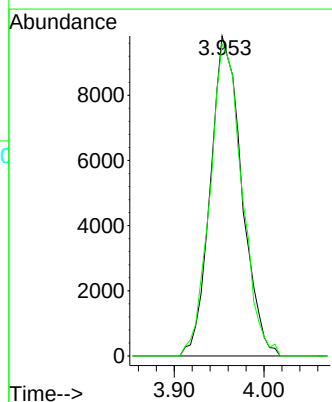
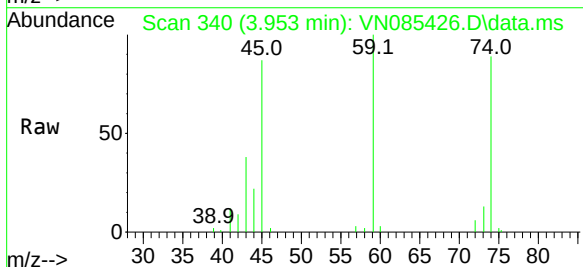
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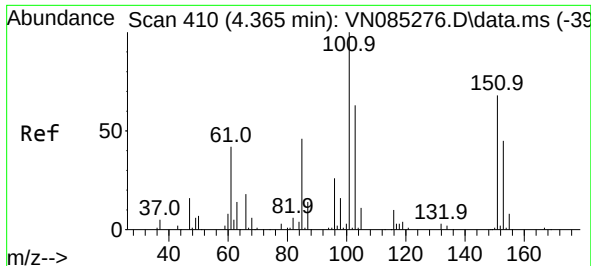
Tgt Ion:101 Resp: 70790
 Ion Ratio Lower Upper
 101 100
 103 71.6 52.6 78.8



#8
 Diethyl Ether
 Concen: 20.617 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

Tgt Ion: 74 Resp: 23871
 Ion Ratio Lower Upper
 74 100
 45 99.7 20.8 187.6

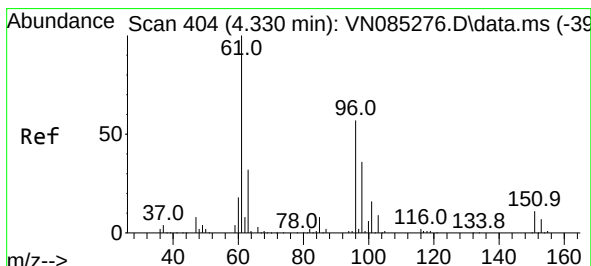
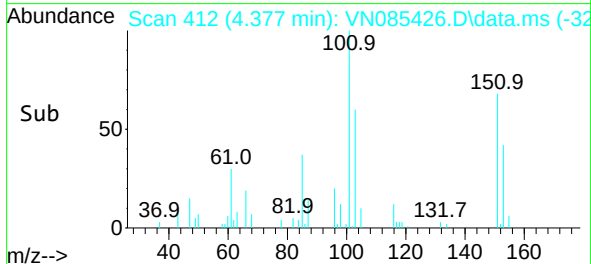
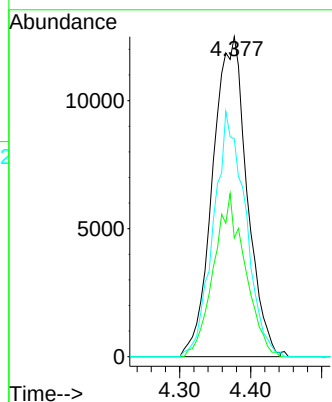
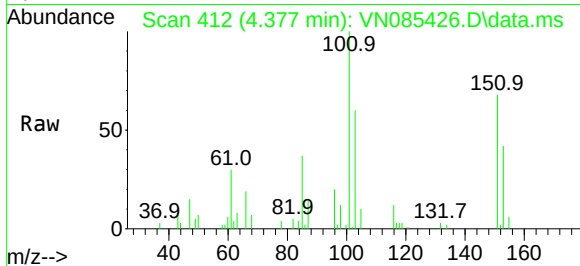




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.674 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

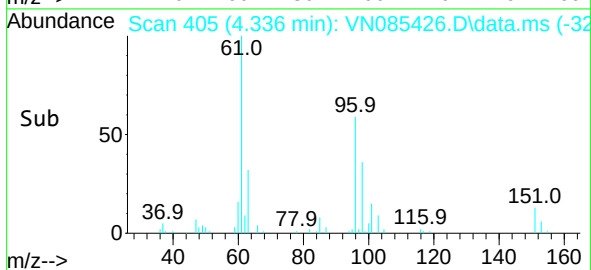
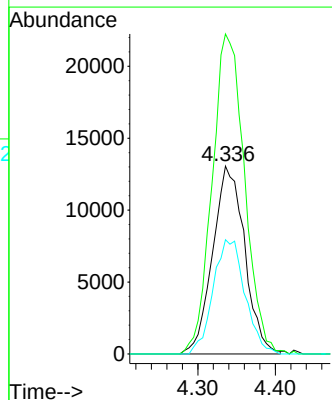
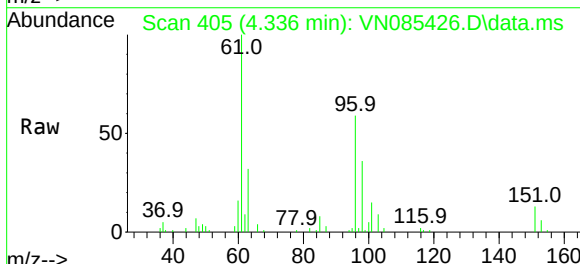
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

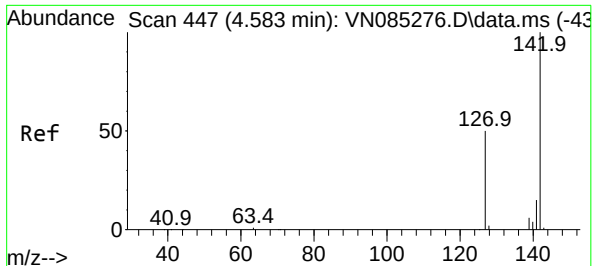
Tgt Ion:101 Resp: 41842
Ion Ratio Lower Upper
101 100
85 46.6 0.0 96.6
151 71.6 0.0 147.4



#10
1,1-Dichloroethene
Concen: 21.264 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 96 Resp: 37502
Ion Ratio Lower Upper
96 100
61 170.4 145.9 218.9
98 60.8 51.9 77.9

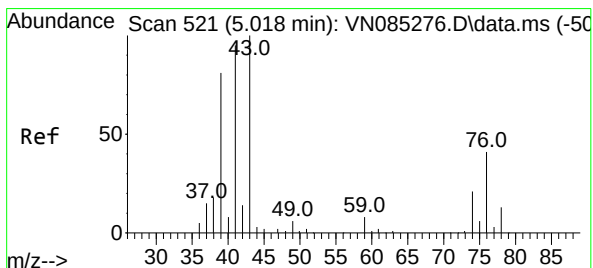
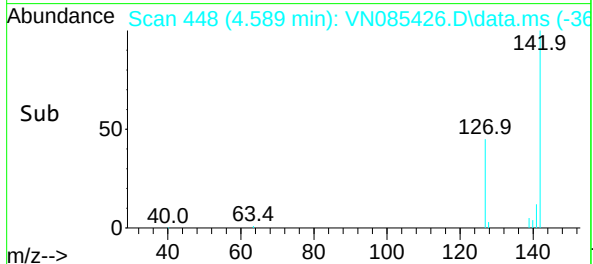
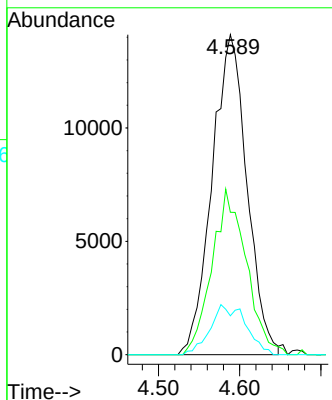
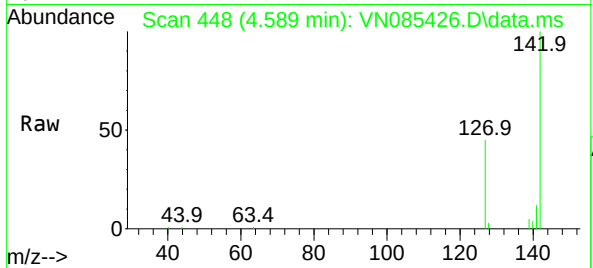




#11
Methyl Iodide
Concen: 19.955 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

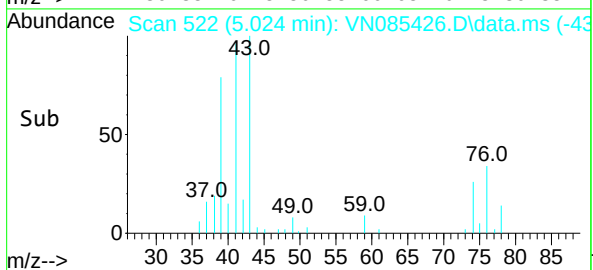
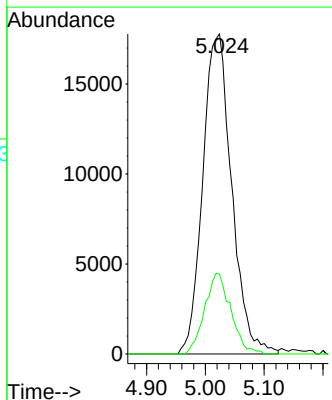
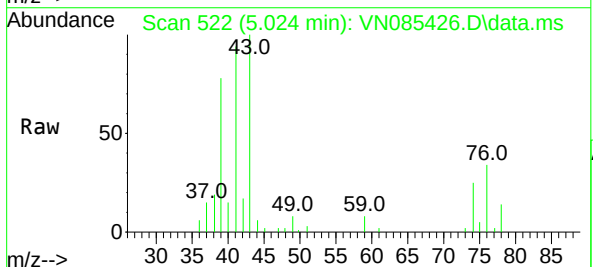
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

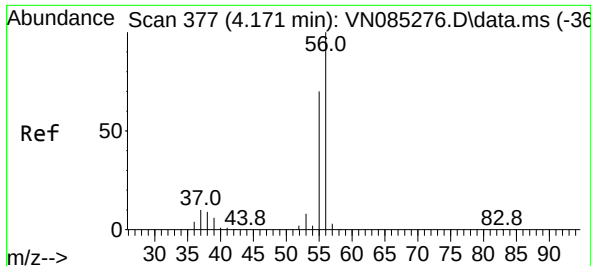
Tgt Ion:142 Resp: 42177
Ion Ratio Lower Upper
142 100
127 43.8 25.1 75.4
141 12.3 6.9 20.7



#12
Methyl Acetate
Concen: 23.062 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 43 Resp: 60739
Ion Ratio Lower Upper
43 100
74 25.1 20.5 30.7

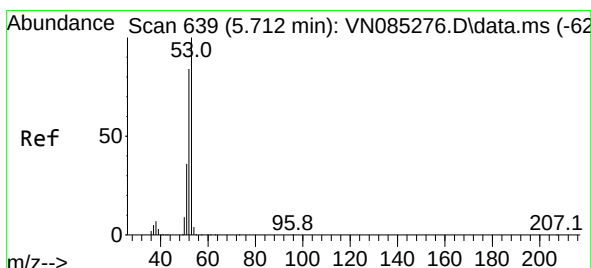
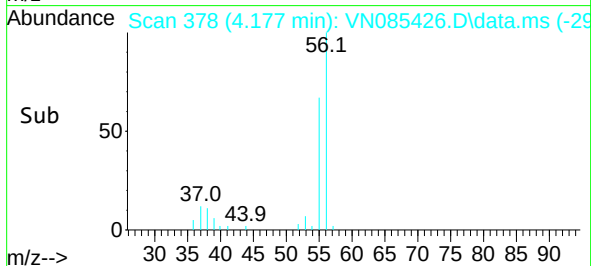
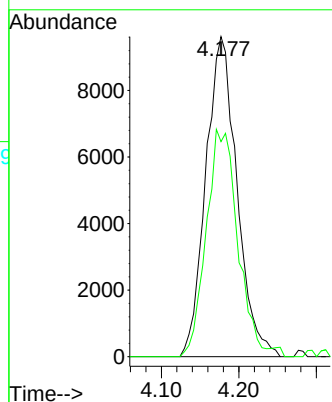
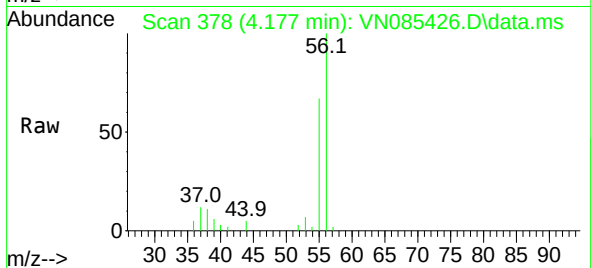




#13
Acrolein
Concen: 114.435 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

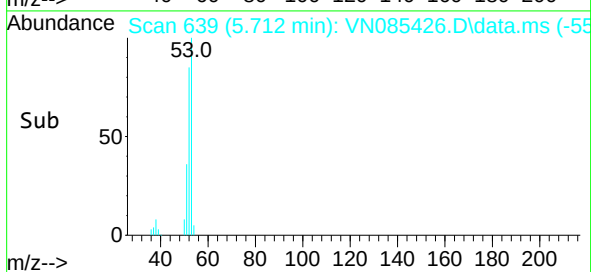
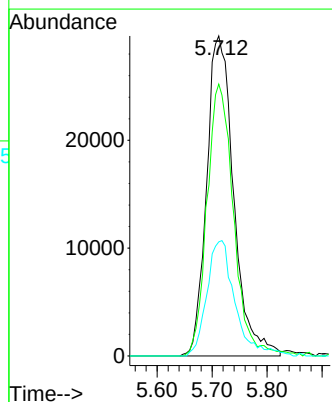
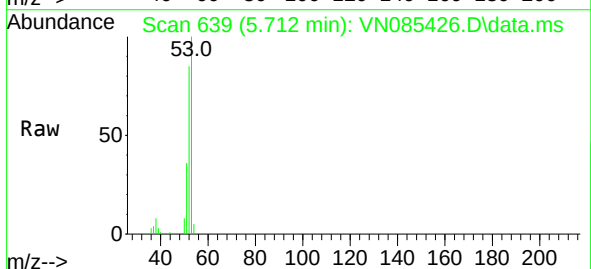
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

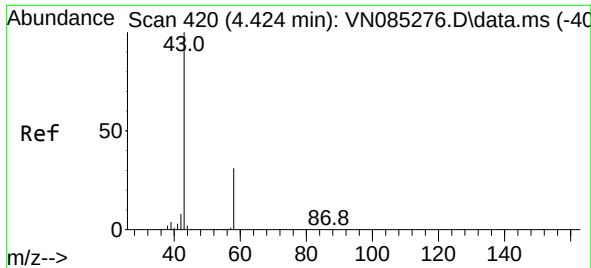
Tgt Ion: 56 Resp: 26906
Ion Ratio Lower Upper
56 100
55 71.3 56.8 85.2



#14
Acrylonitrile
Concen: 99.650 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 53 Resp: 101509
Ion Ratio Lower Upper
53 100
52 81.3 41.6 124.8
51 36.5 18.1 54.4

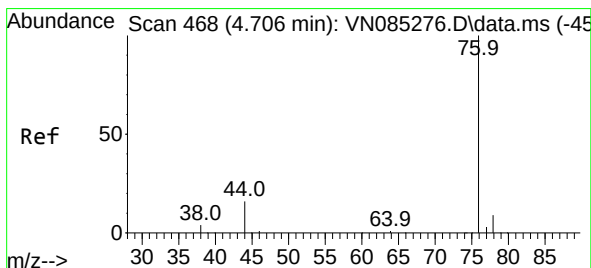
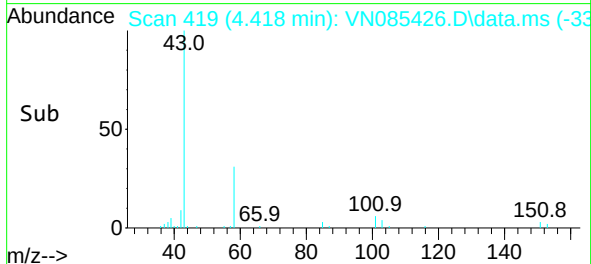
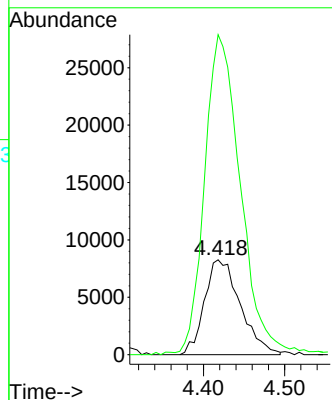
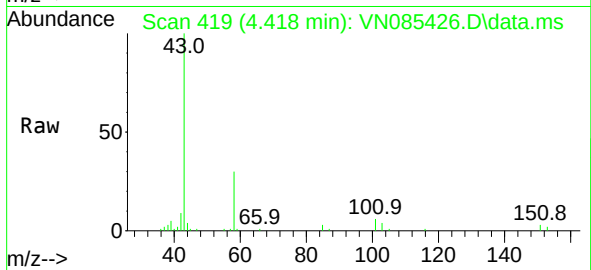




#15
Acetone
Concen: 98.823 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

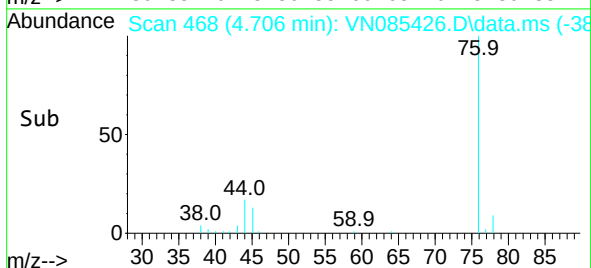
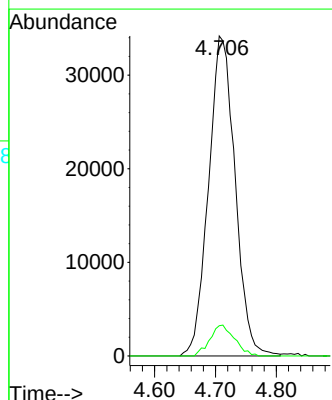
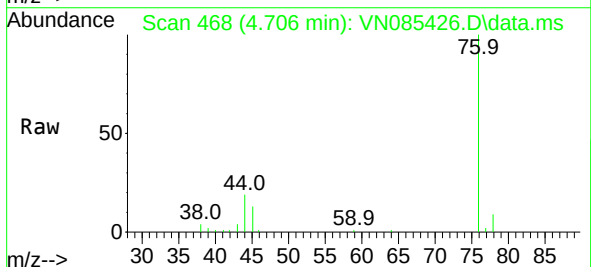
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

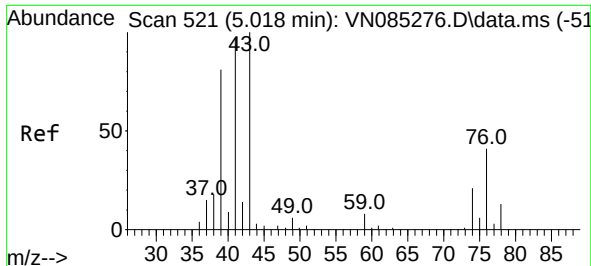
Tgt Ion: 58 Resp: 25394
Ion Ratio Lower Upper
58 100
43 333.8 258.8 388.2



#16
Carbon Disulfide
Concen: 19.332 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 76 Resp: 103640
Ion Ratio Lower Upper
76 100
78 9.4 6.6 9.8

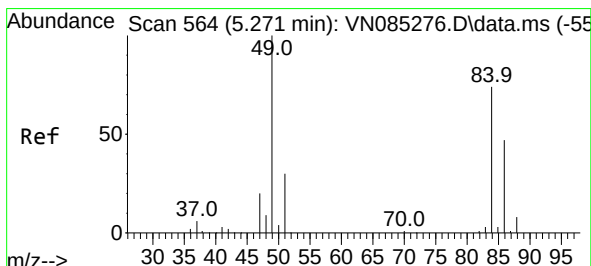
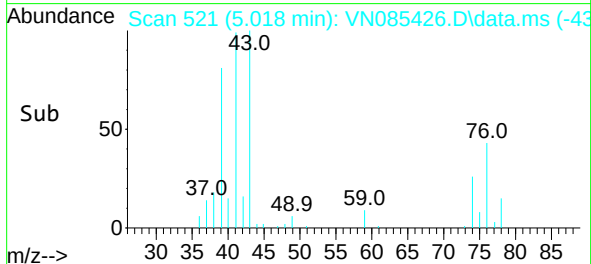
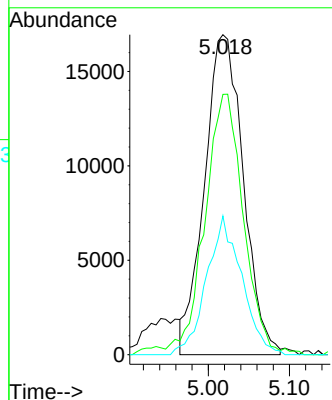
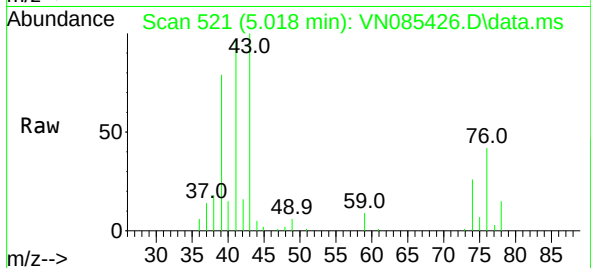




#17
 Allyl chloride
 Concen: 19.754 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

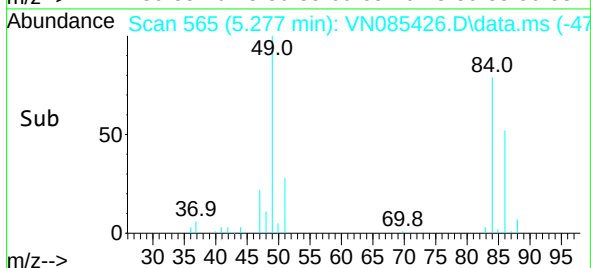
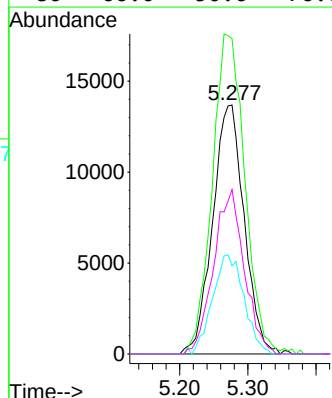
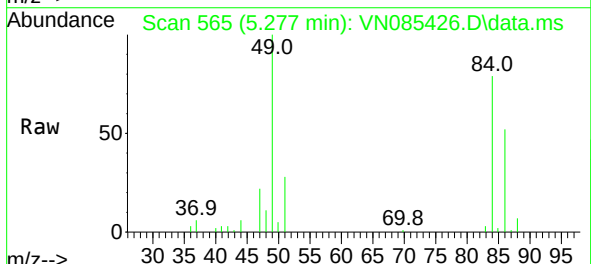
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

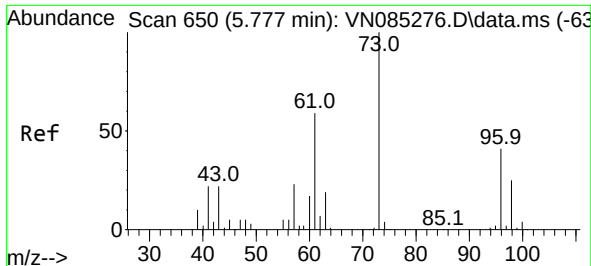
Tgt Ion:	41	Resp:	56356
Ion	Ratio	Lower	Upper
41	100		
39	81.5	41.3	124.1
76	42.9	19.5	58.5



#18
 Methylene Chloride
 Concen: 20.929 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

Tgt Ion:	84	Resp:	43983
Ion	Ratio	Lower	Upper
84	100		
49	126.7	104.9	157.3
51	35.4	30.2	45.4
86	66.0	50.6	76.0

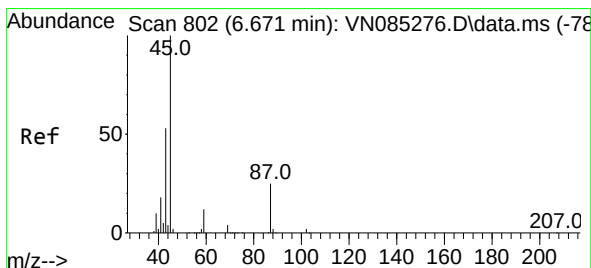
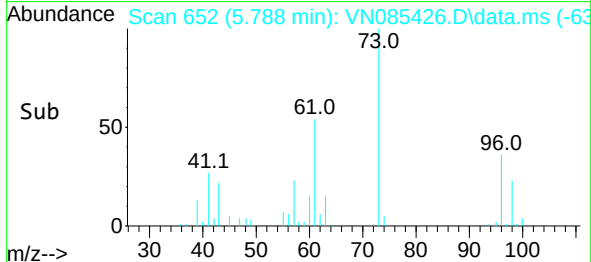
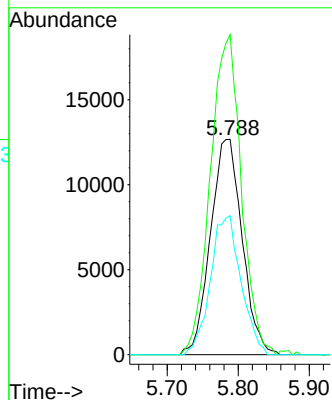
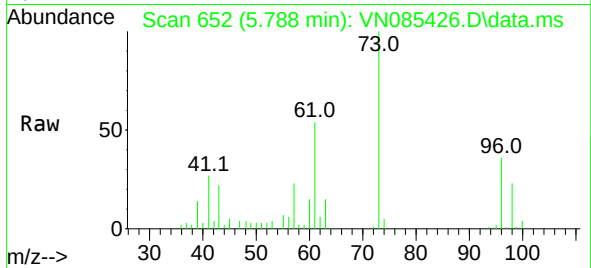




#19
trans-1,2-Dichloroethene
Concen: 21.409 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

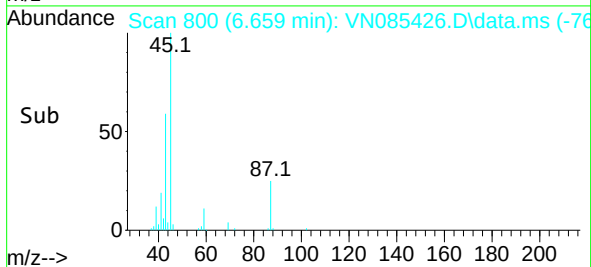
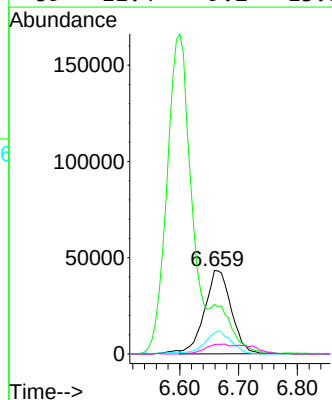
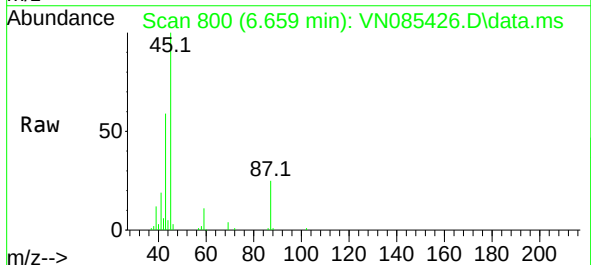
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

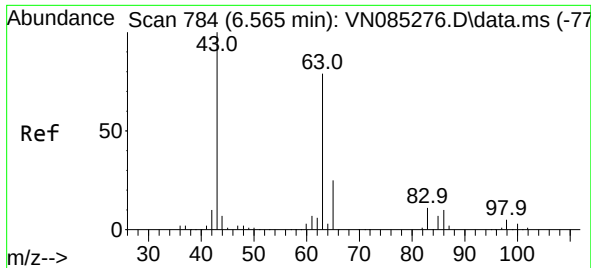
Tgt Ion: 96 Resp: 39272
Ion Ratio Lower Upper
96 100
61 148.6 124.2 186.4
98 64.6 51.0 76.4



#20
Diisopropyl ether
Concen: 20.777 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.012 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 45 Resp: 135849
Ion Ratio Lower Upper
45 100
43 58.7 46.6 69.8
87 24.9 22.3 33.5
59 11.4 9.2 13.8

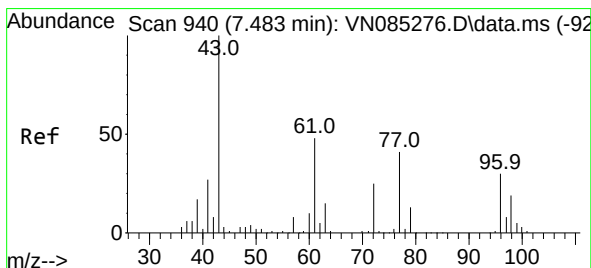
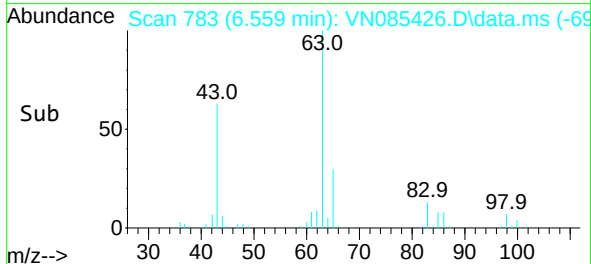
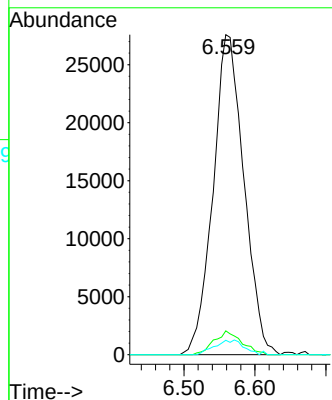
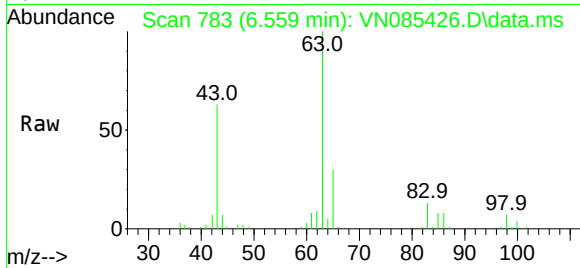




#21
1,1-Dichloroethane
Concen: 21.742 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

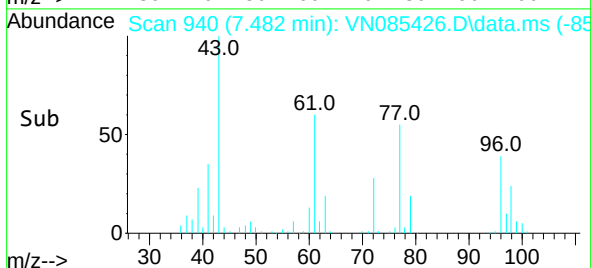
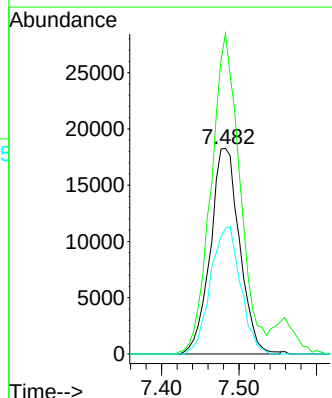
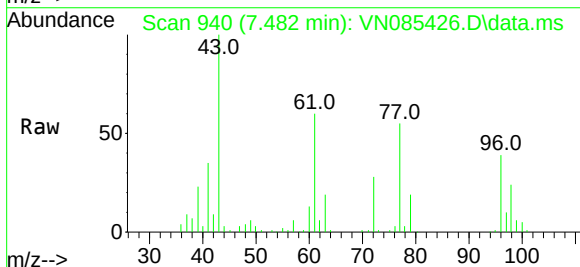
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

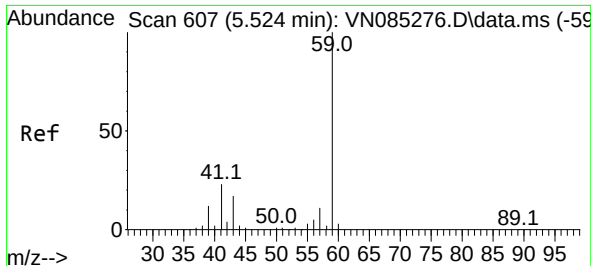
Tgt Ion: 63 Resp: 83108
Ion Ratio Lower Upper
63 100
98 7.5 2.4 7.1#
100 4.5 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 21.902 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 96 Resp: 47840
Ion Ratio Lower Upper
96 100
61 154.2 128.1 192.1
98 63.6 52.7 79.1

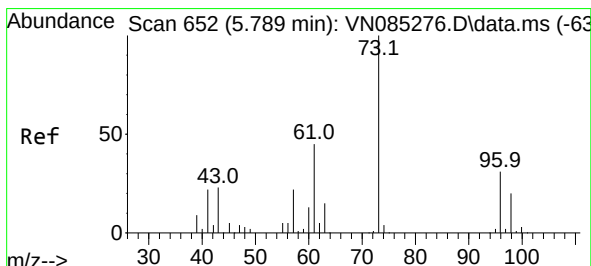
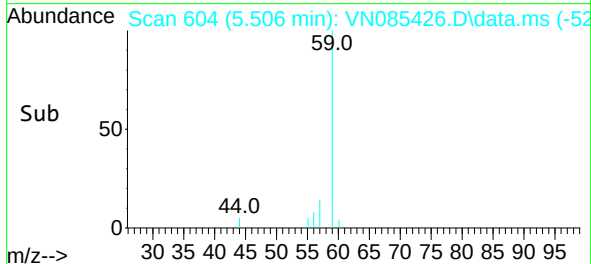
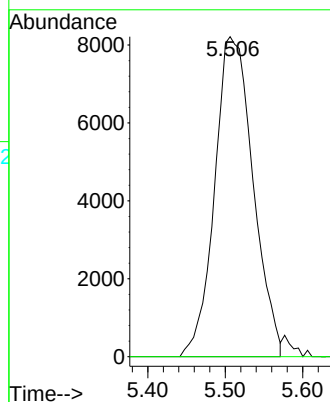
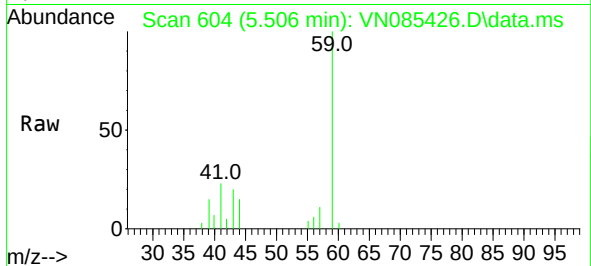




#23
tert-Butyl Alcohol
Concen: 84.476 ug/l
RT: 5.506 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

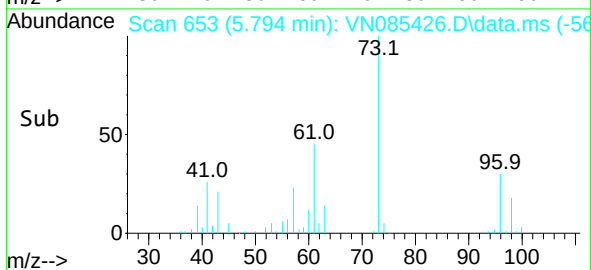
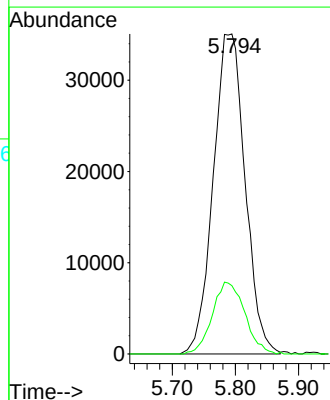
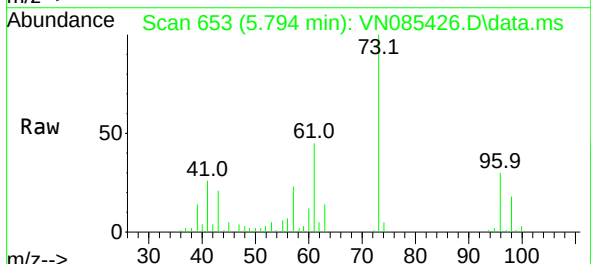
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

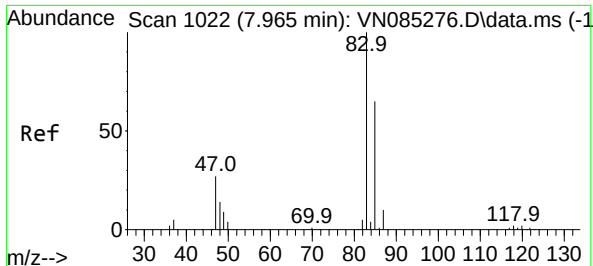
Tgt Ion: 59 Resp: 28360
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.229 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 73 Resp: 122885
Ion Ratio Lower Upper
73 100
43 22.8 18.6 27.8

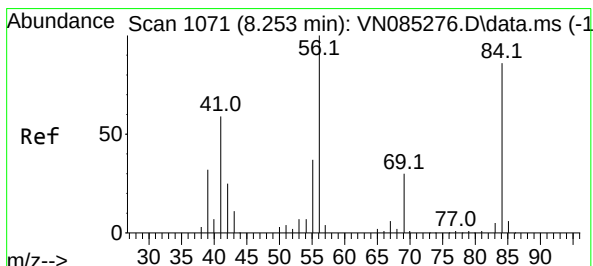
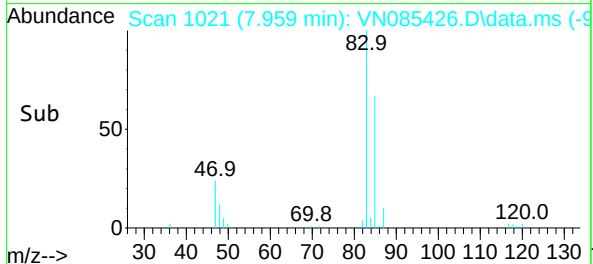
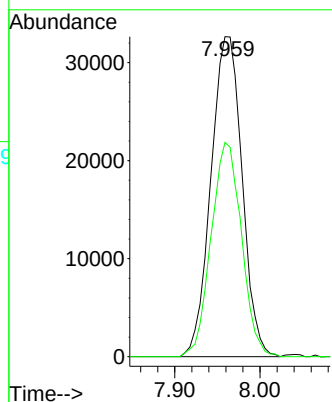
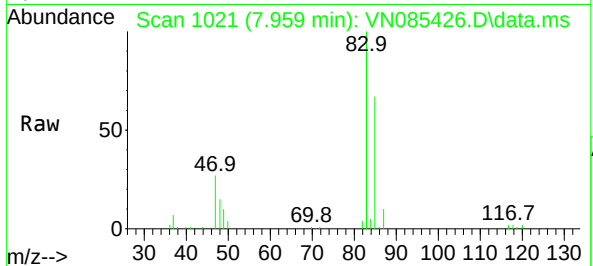




#25
Chloroform
Concen: 21.397 ug/l
RT: 7.959 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

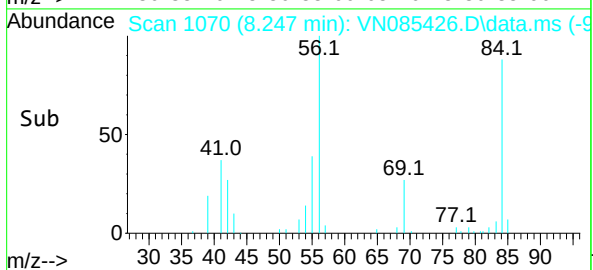
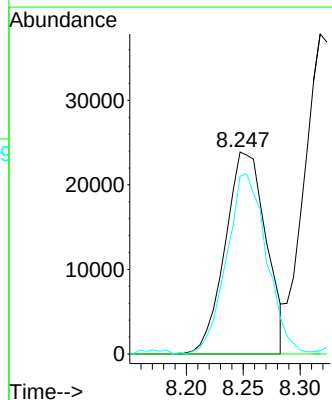
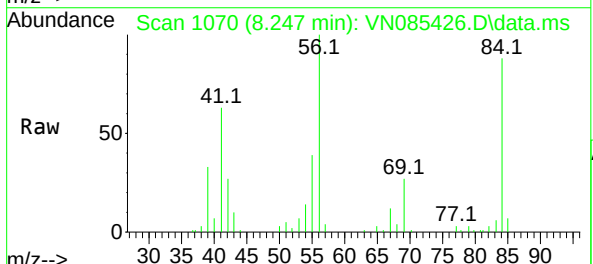
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

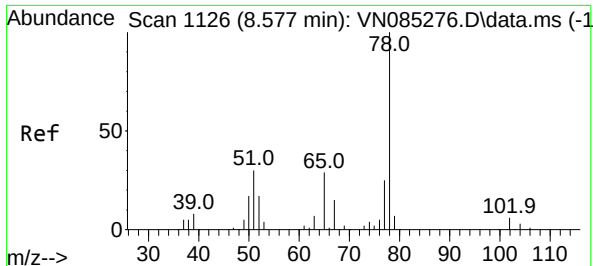
Tgt Ion: 83 Resp: 82908
Ion Ratio Lower Upper
83 100
85 67.0 52.0 78.0



#26
Cyclohexane
Concen: 20.502 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 56 Resp: 59749
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.6 67.6 101.4





#27

1,2-Dichloroethane-d4

Concen: 30.033 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

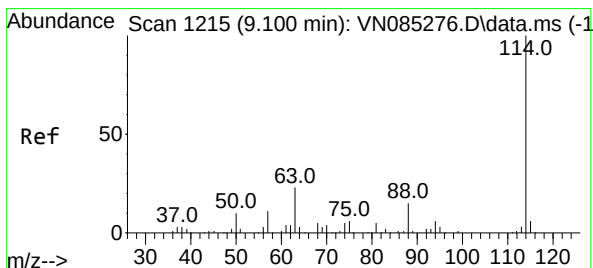
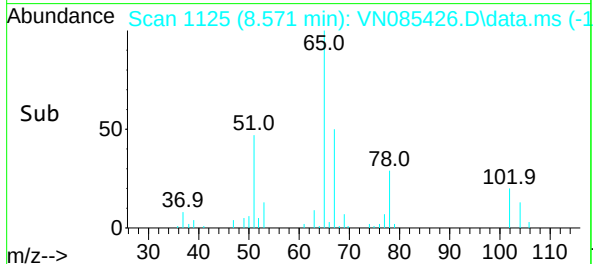
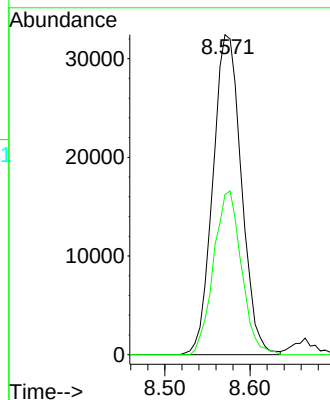
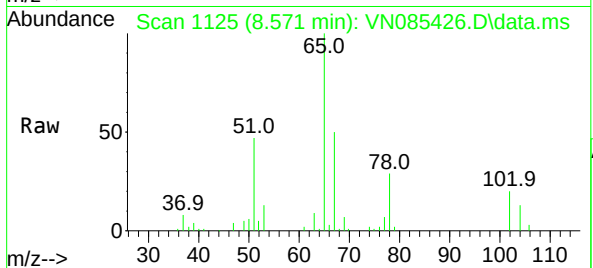
VSTDCCC020EC

Tgt Ion: 65 Resp: 75424

Ion Ratio Lower Upper

65 100

67 50.0 42.0 63.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

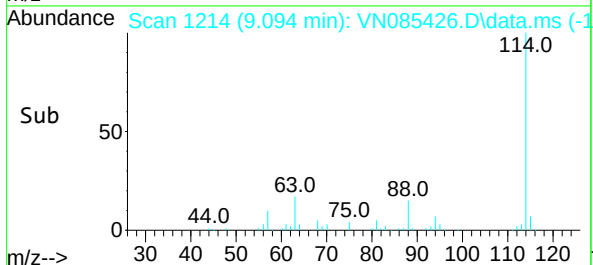
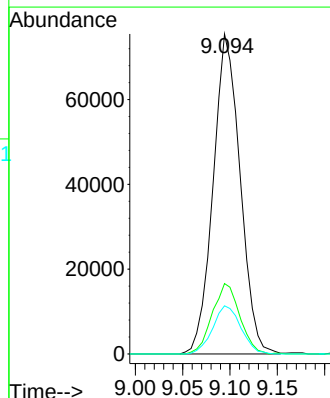
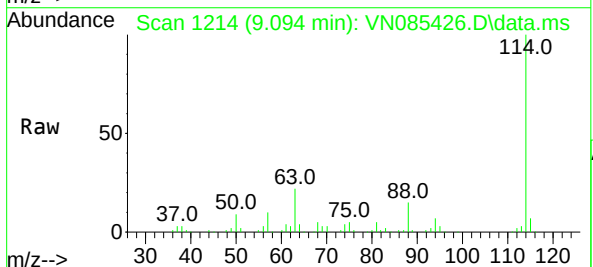
Tgt Ion: 114 Resp: 149674

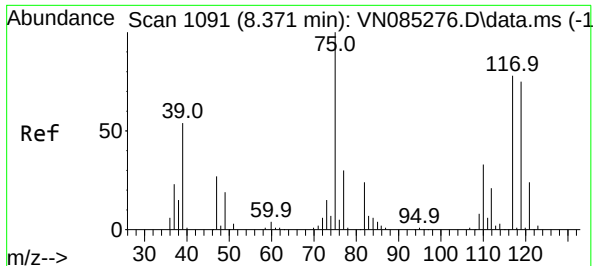
Ion Ratio Lower Upper

114 100

63 22.4 18.0 27.0

88 15.7 12.9 19.3

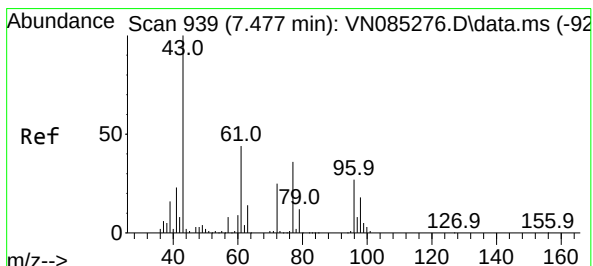
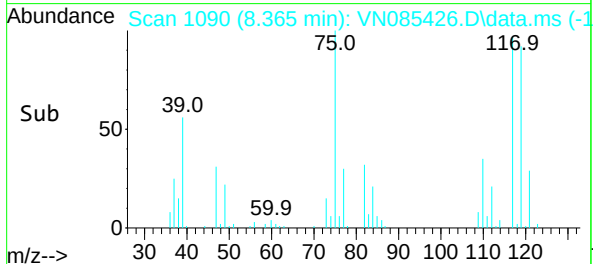
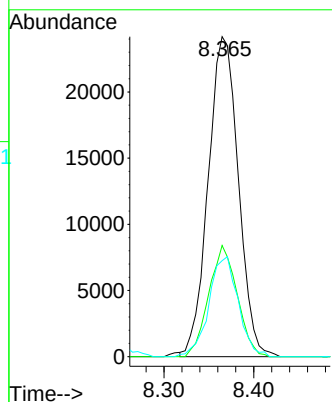
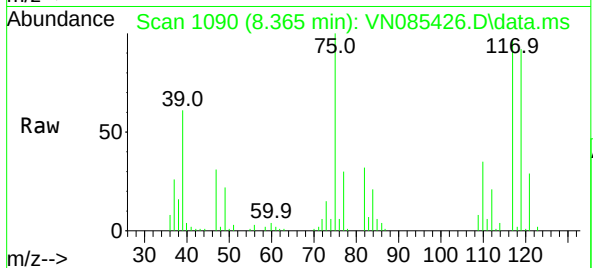




#29
1,1-Dichloropropene
Concen: 21.726 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

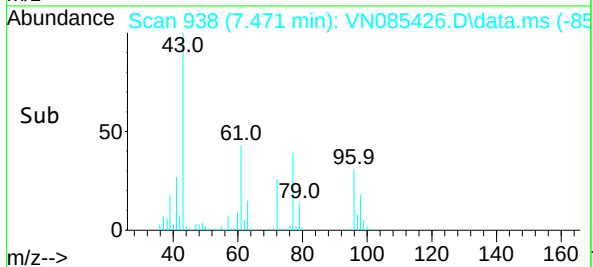
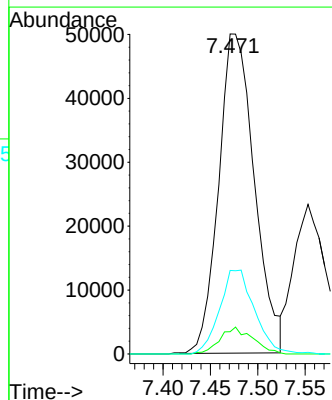
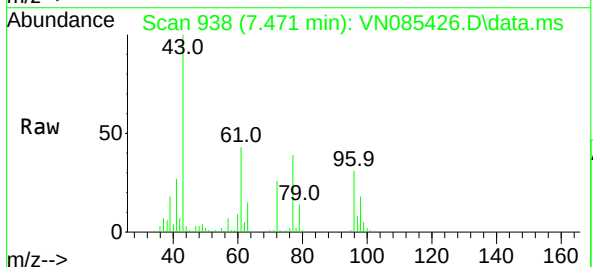
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

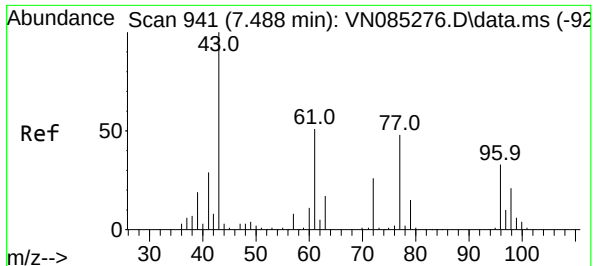
Tgt Ion:	75	Resp:	56460
Ion	Ratio	Lower	Upper
75	100		
110	32.7	0.0	64.8
77	30.4	0.0	60.8



#30
2-Butanone
Concen: 95.824 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion:	43	Resp:	131443
Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.2	9.2
72	25.6	19.9	29.9





#31

2,2-Dichloropropane

Concen: 21.747 ug/l

RT: 7.482 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

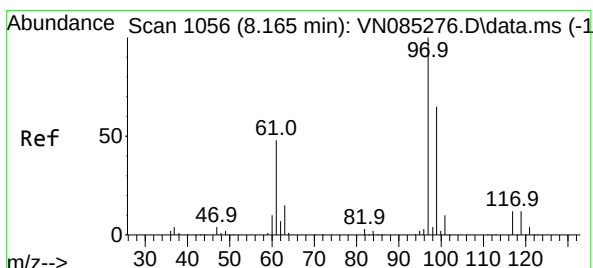
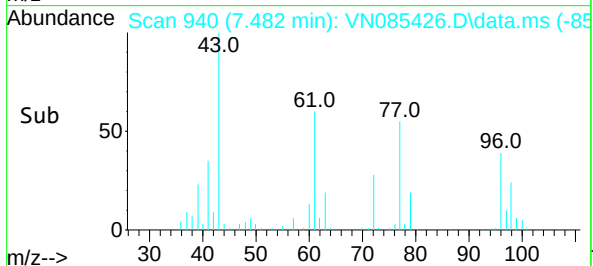
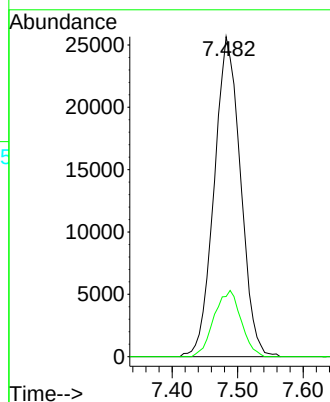
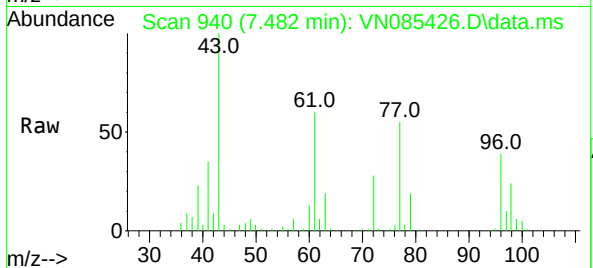
VSTDCCC020EC

Tgt Ion: 77 Resp: 71612

Ion Ratio Lower Upper

77 100

97 21.2 16.9 25.3



#32

1,1,1-Trichloroethane

Concen: 21.738 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

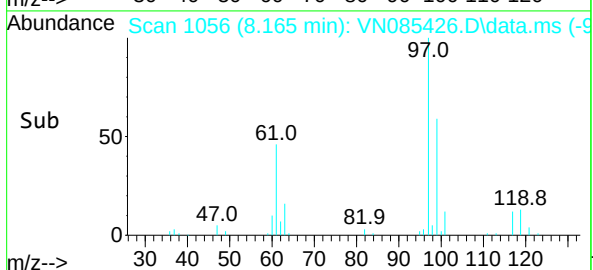
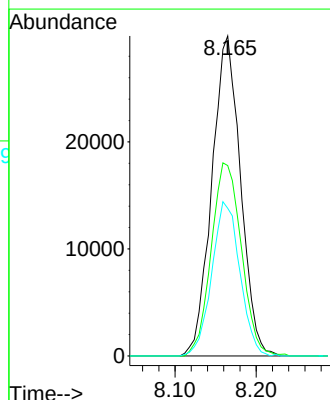
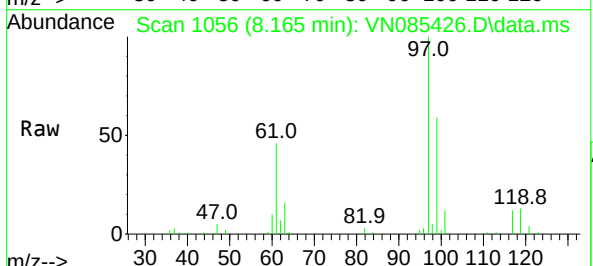
Tgt Ion: 97 Resp: 73435

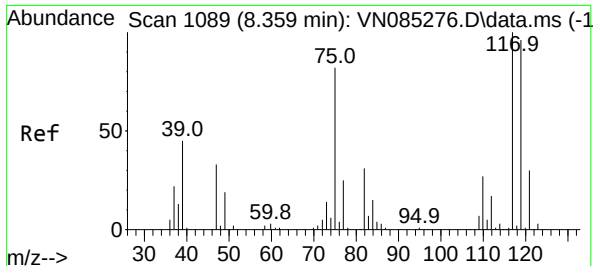
Ion Ratio Lower Upper

97 100

99 63.3 52.2 78.2

61 47.1 39.8 59.8

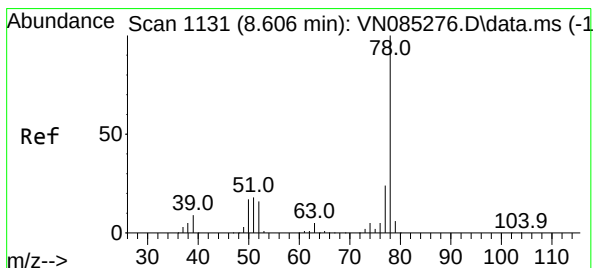
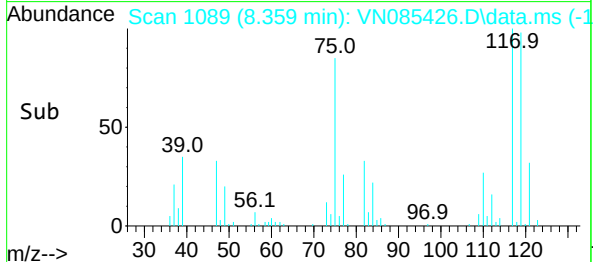
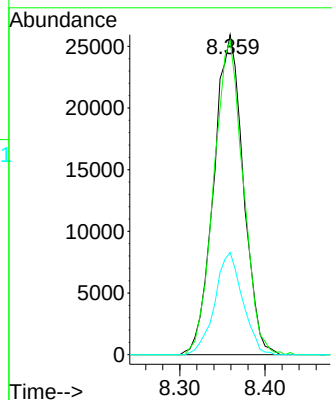
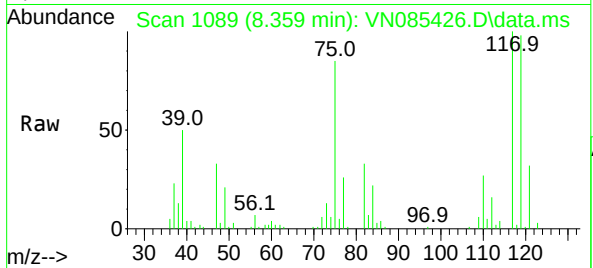




#33
Carbon Tetrachloride
Concen: 21.112 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

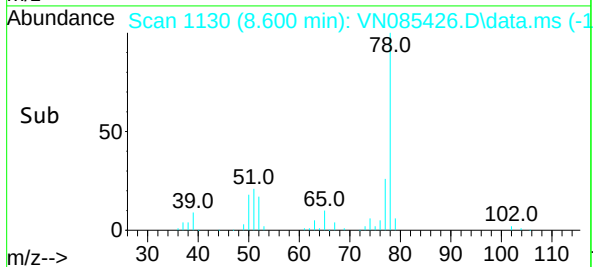
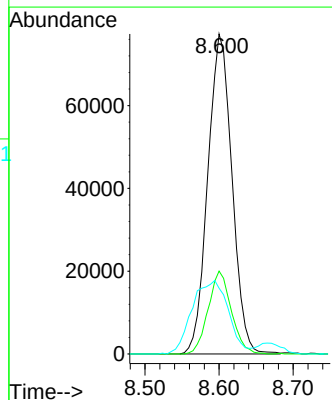
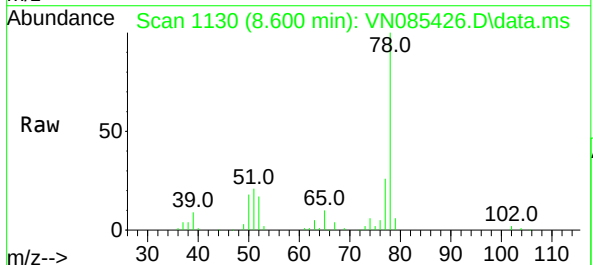
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

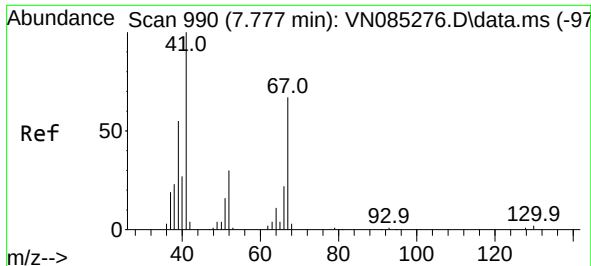
Tgt Ion:117 Resp: 62432
Ion Ratio Lower Upper
117 100
119 98.1 71.6 107.4
121 32.0 23.5 35.3



#34
Benzene
Concen: 21.394 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 78 Resp: 175740
Ion Ratio Lower Upper
78 100
77 25.9 19.3 28.9
51 18.4 14.6 21.8

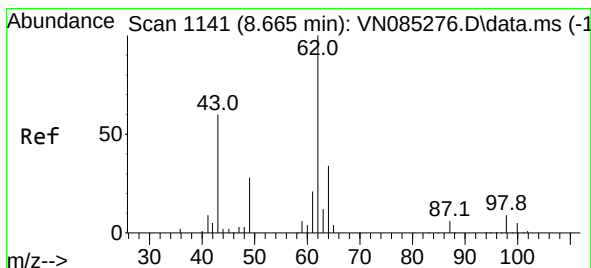
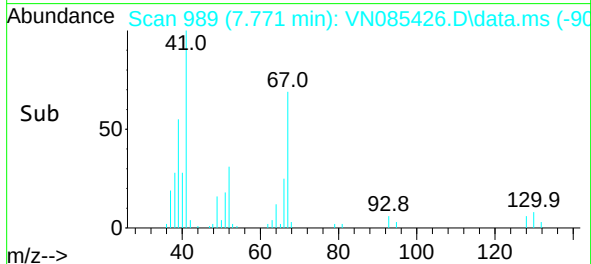
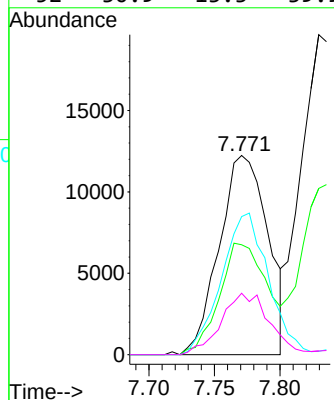
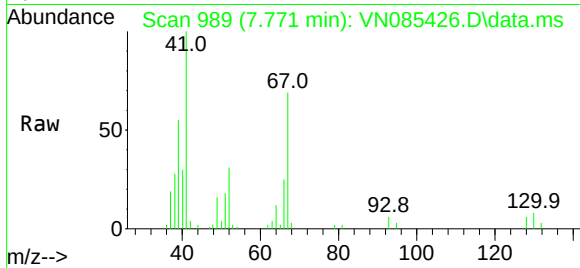




#35
Methacrylonitrile
Concen: 20.792 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

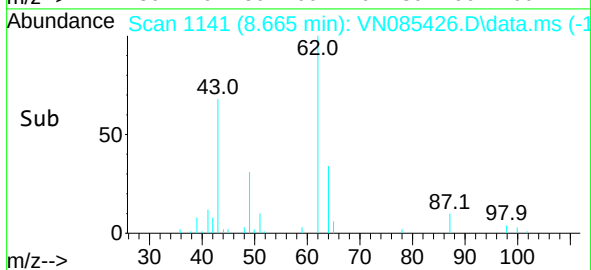
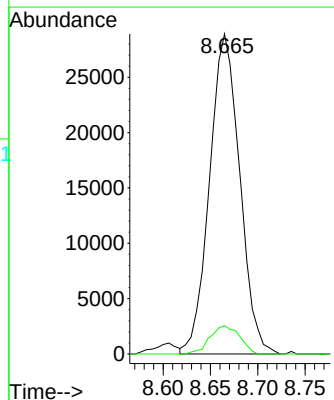
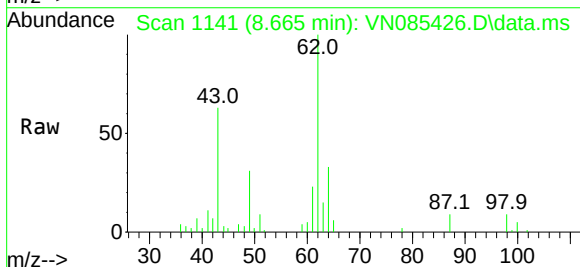
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

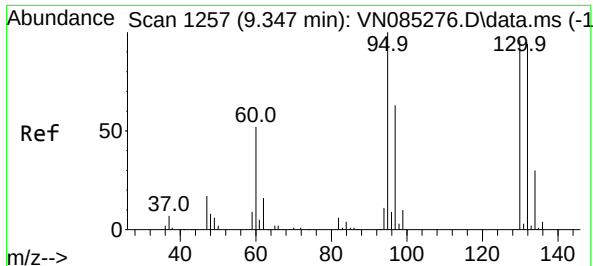
Tgt Ion:	41	Resp:	31573
Ion	Ratio	Lower	Upper
41	100		
39	55.2	26.7	80.0
67	69.3	32.5	97.5
52	30.9	13.3	39.9



#36
1,2-Dichloroethane
Concen: 21.588 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion:	62	Resp:	64124
Ion	Ratio	Lower	Upper
62	100		
98	8.7	6.6	10.0

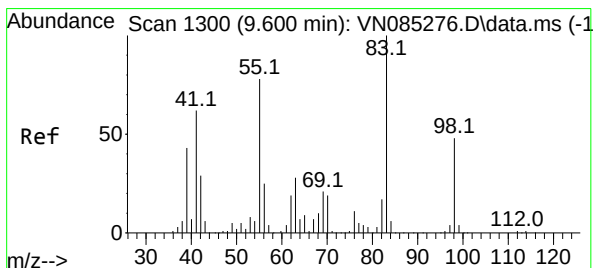
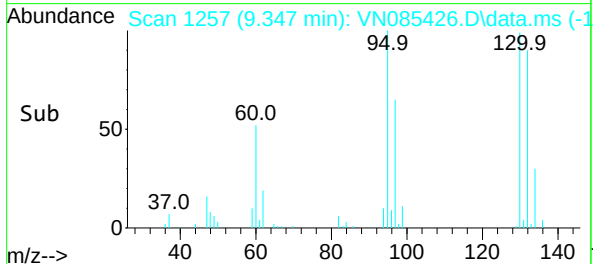
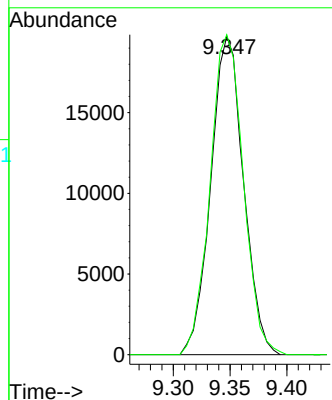
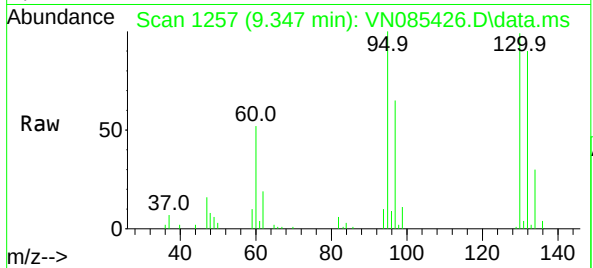




#37
Trichloroethene
Concen: 21.857 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

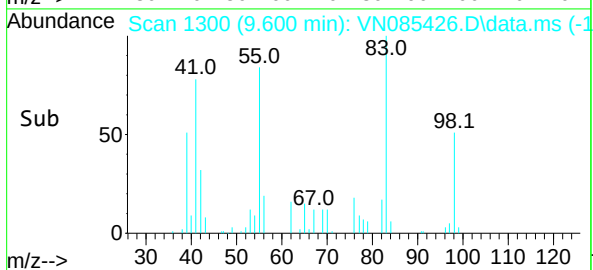
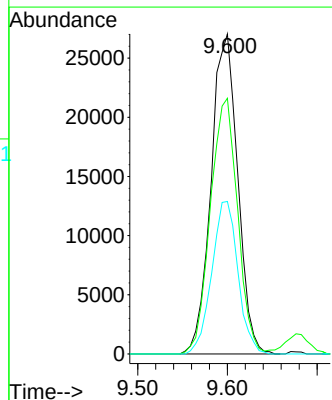
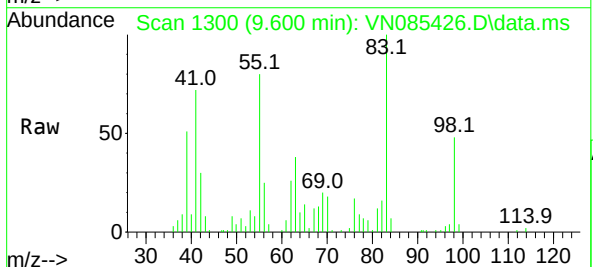
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

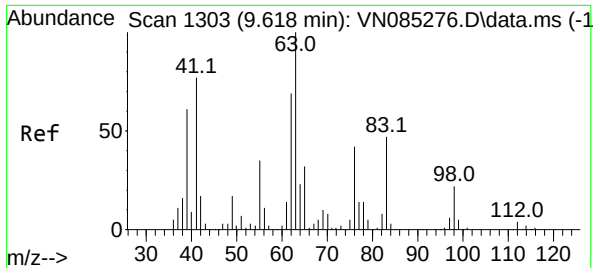
Tgt Ion:130 Resp: 39502
Ion Ratio Lower Upper
130 100
95 100.5 80.0 120.0



#38
Methylcyclohexane
Concen: 20.751 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 83 Resp: 55803
Ion Ratio Lower Upper
83 100
55 81.5 43.6 130.8
98 46.8 24.2 72.6

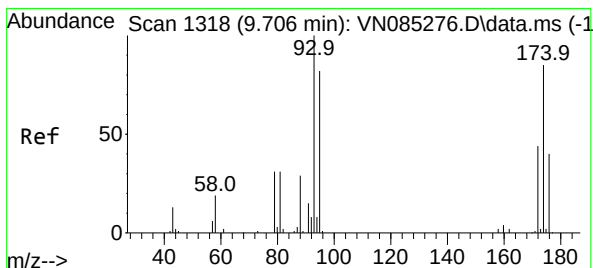
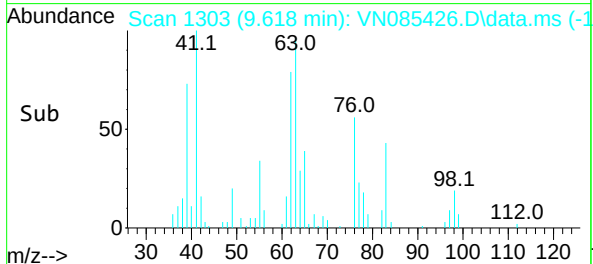
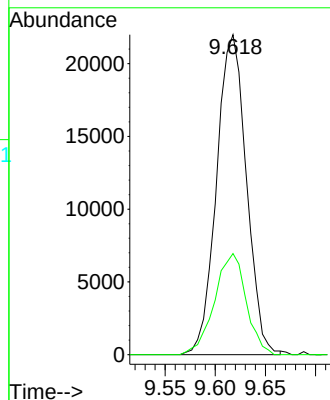
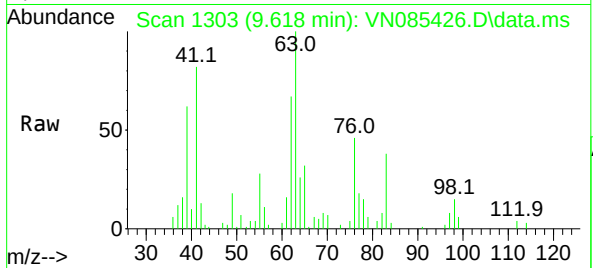




#39
1,2-Dichloropropane
Concen: 21.743 ug/l
RT: 9.618 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

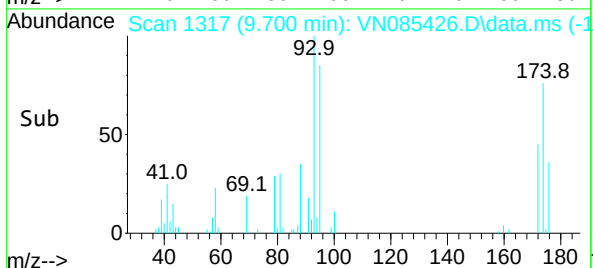
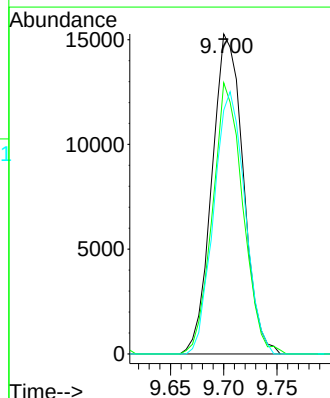
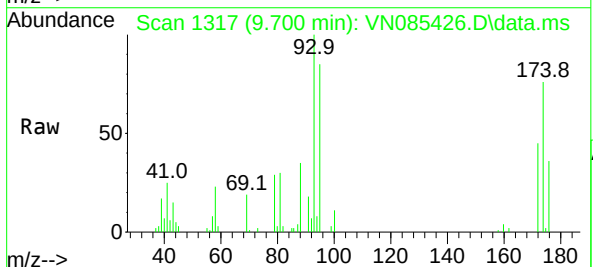
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

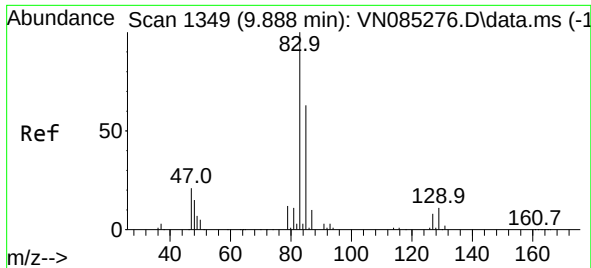
Tgt Ion: 63 Resp: 45441
Ion Ratio Lower Upper
63 100
65 31.6 26.1 39.1



#40
Dibromomethane
Concen: 21.430 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 93 Resp: 31225
Ion Ratio Lower Upper
93 100
95 82.0 0.0 167.6
174 81.4 0.0 171.0

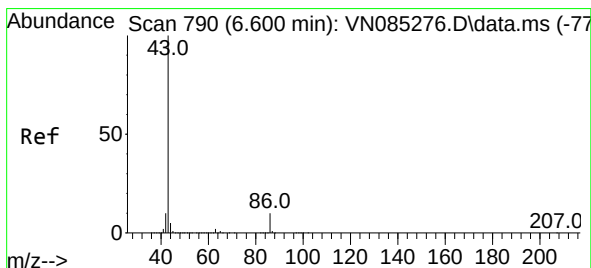
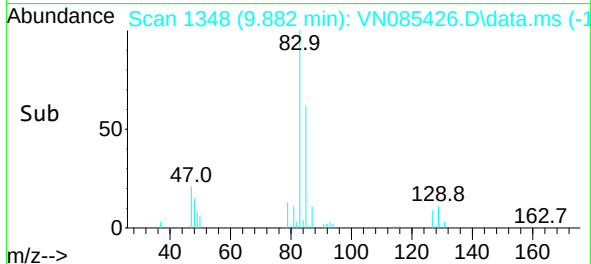
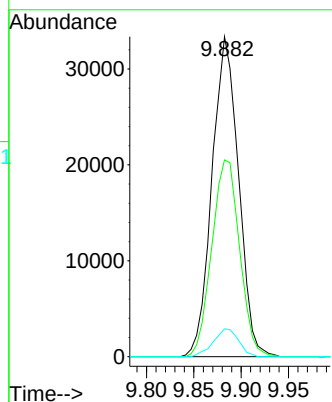
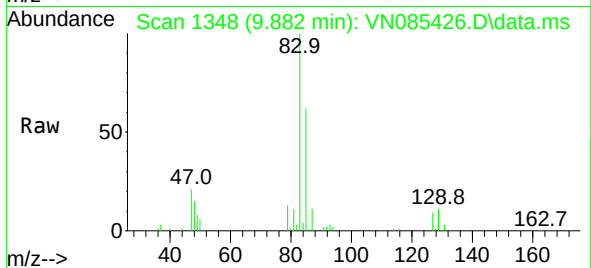




#41
Bromodichloromethane
Concen: 21.360 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

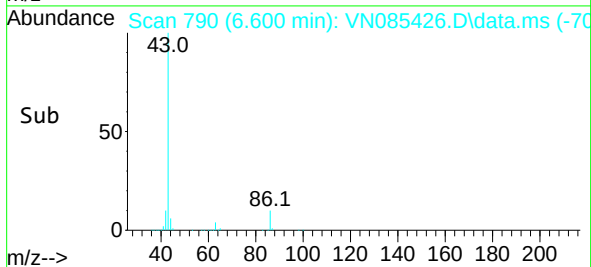
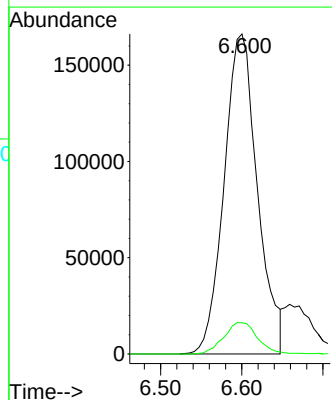
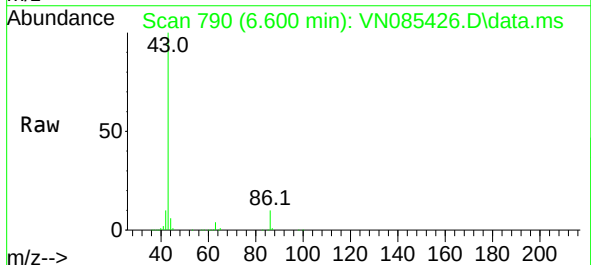
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

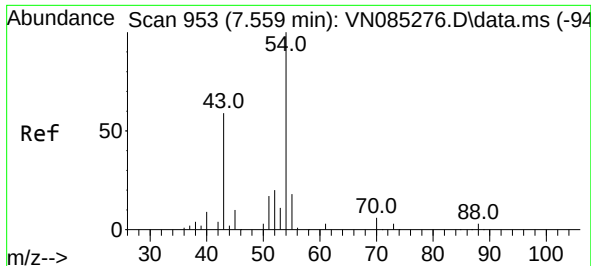
Tgt Ion: 83 Resp: 65043
Ion Ratio Lower Upper
83 100
85 61.5 50.1 75.1
127 8.7 5.8 8.6#



#42
Vinyl Acetate
Concen: 98.040 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 43 Resp: 474709
Ion Ratio Lower Upper
43 100
86 9.9 7.9 11.9





#43

Ethyl Acetate

Concen: 17.695 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

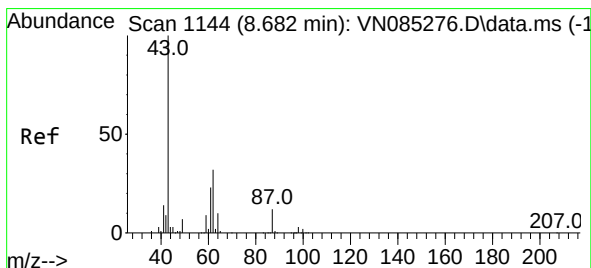
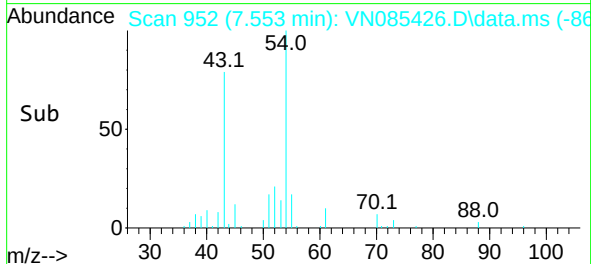
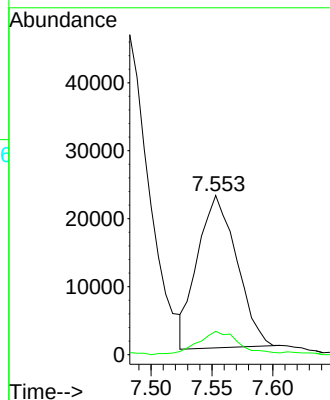
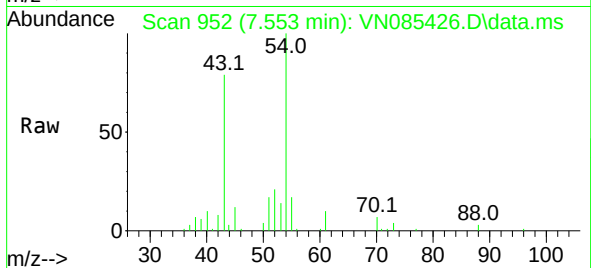
VSTDCCC020EC

Tgt Ion: 43 Resp: 50195

Ion Ratio Lower Upper

43 100

45 16.3 11.9 17.9



#44

Isopropyl Acetate

Concen: 19.555 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085426.D

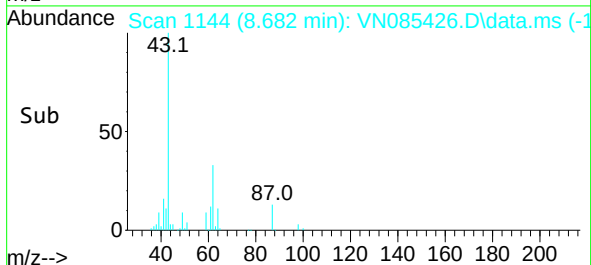
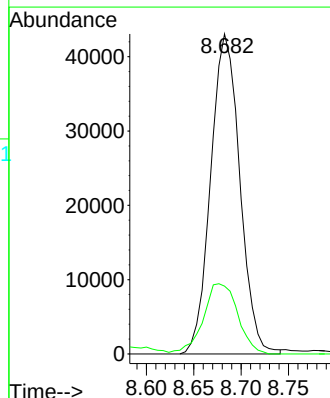
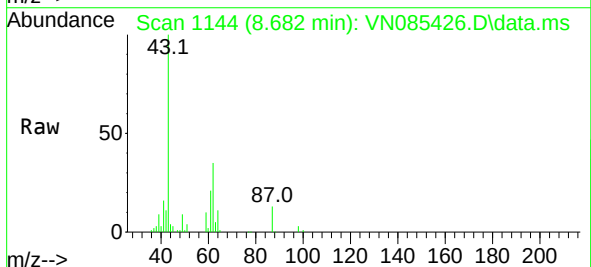
Acq: 10 Jan 2025 16:06

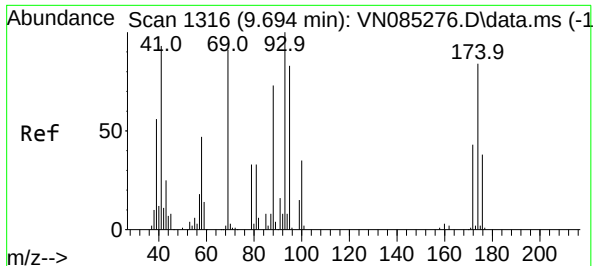
Tgt Ion: 43 Resp: 92151

Ion Ratio Lower Upper

43 100

61 26.0 19.7 29.5





#45

1,4-Dioxane

Concen: 376.912 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

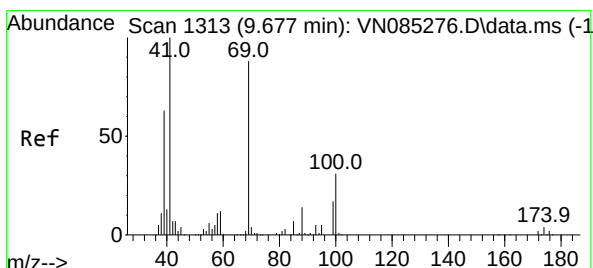
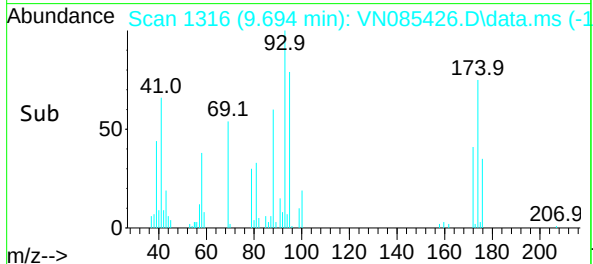
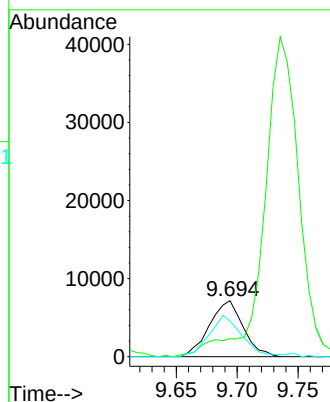
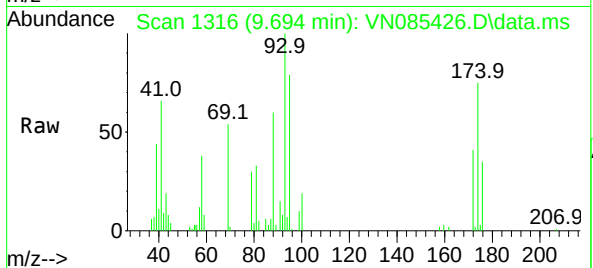
Tgt Ion: 88 Resp: 13815

Ion Ratio Lower Upper

88 100

43 34.0 25.4 38.2

58 71.6 58.5 87.7



#46

Methyl methacrylate

Concen: 19.577 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

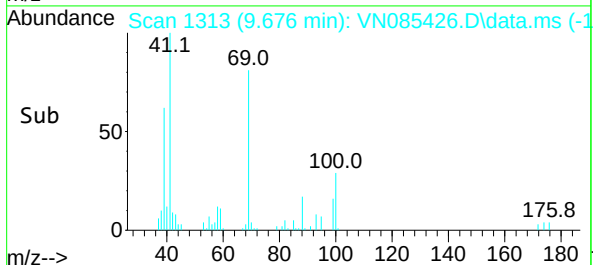
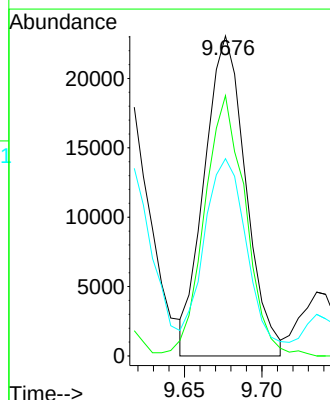
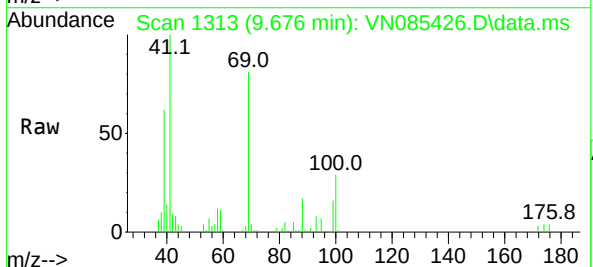
Tgt Ion: 41 Resp: 42822

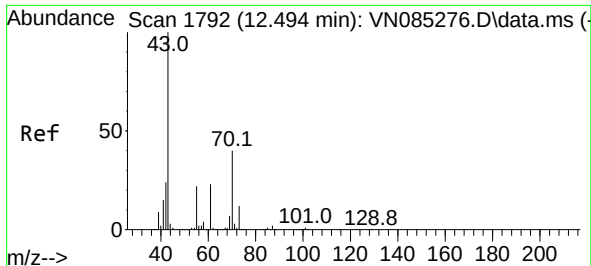
Ion Ratio Lower Upper

41 100

69 83.0 39.9 119.6

39 60.1 31.6 95.0

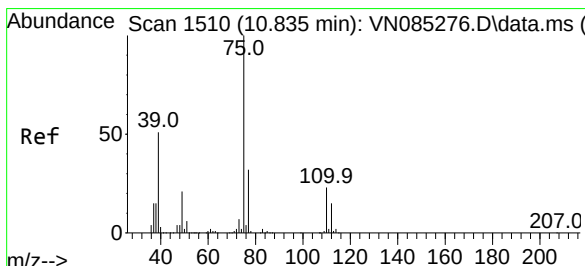
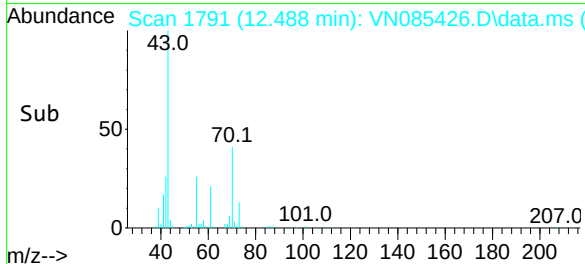
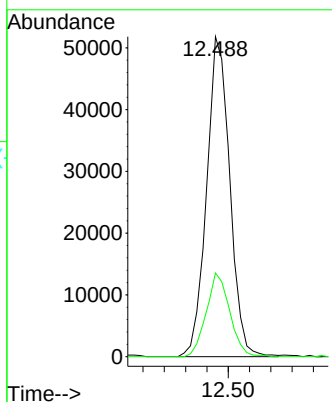
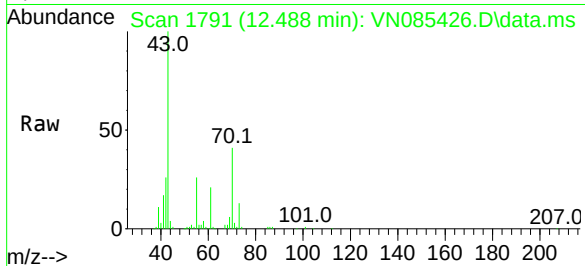




#47
n-amy1 Acetate
Concen: 19.483 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

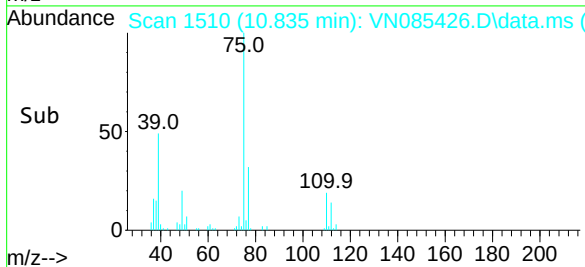
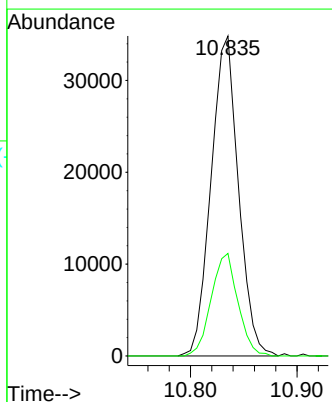
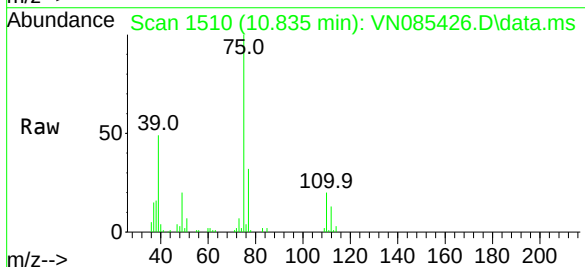
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

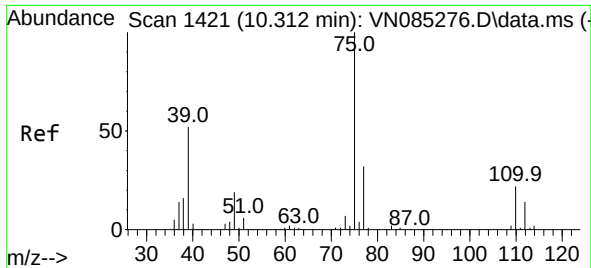
Tgt Ion: 43 Resp: 78214
Ion Ratio Lower Upper
43 100
55 26.4 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 20.708 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 75 Resp: 62286
Ion Ratio Lower Upper
75 100
77 32.1 23.8 35.6

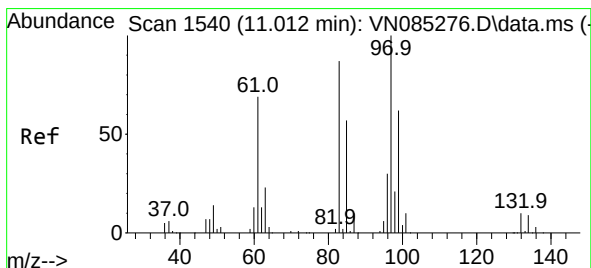
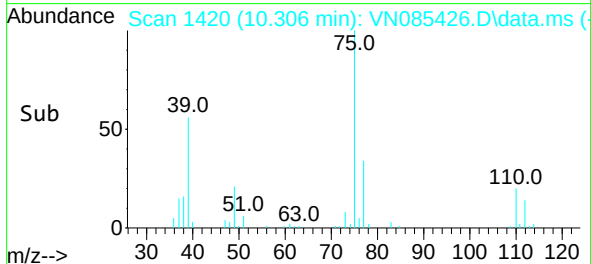
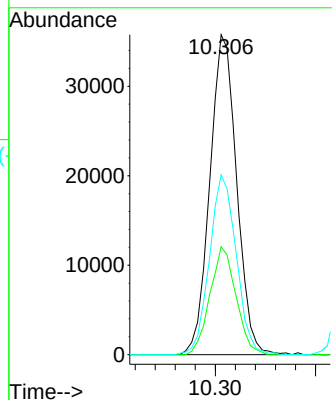
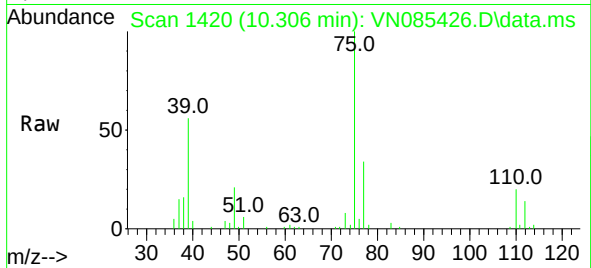




#49
 cis-1,3-Dichloropropene
 Concen: 20.544 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

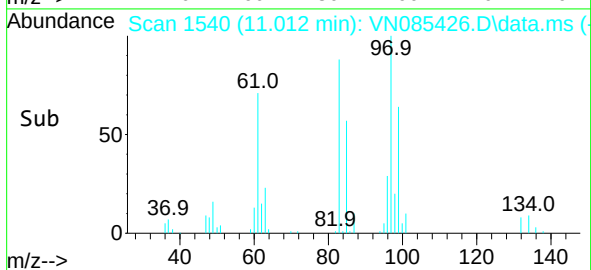
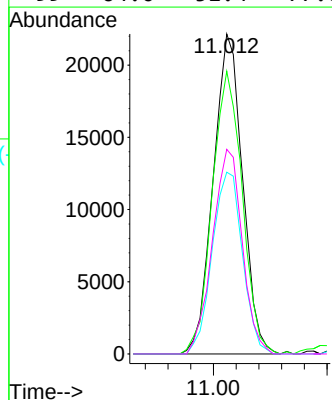
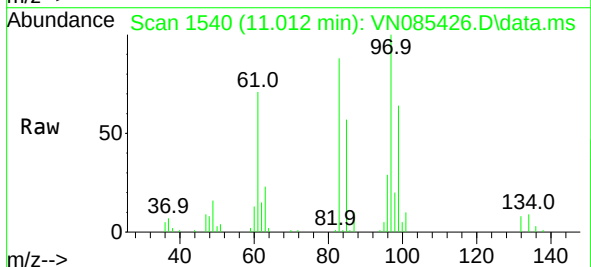
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

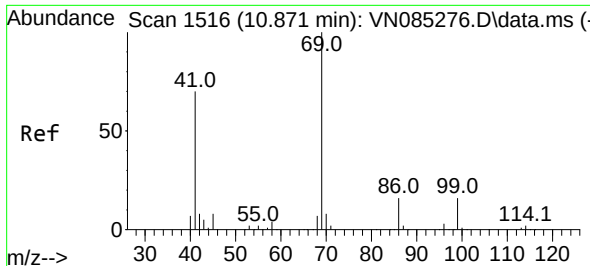
Tgt Ion:	75	Resp:	66431
Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.6	40.0
39	56.2	41.9	62.9



#50
 1,1,2-Trichloroethane
 Concen: 20.799 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

Tgt Ion:	97	Resp:	39635
Ion	Ratio	Lower	Upper
97	100		
83	88.4	72.2	108.2
85	56.8	46.6	70.0
99	64.0	51.4	77.0

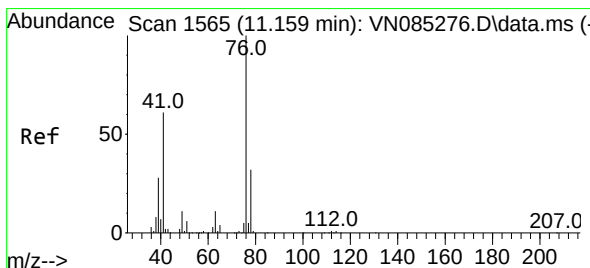
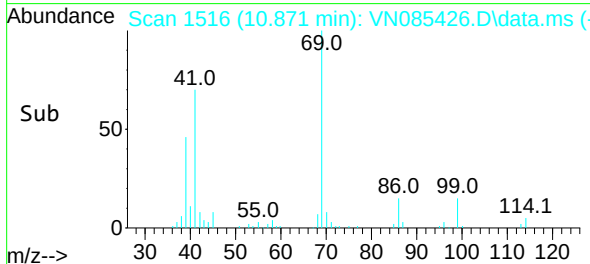
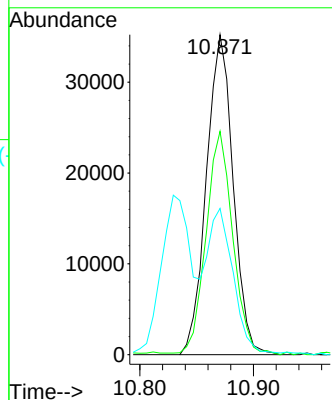
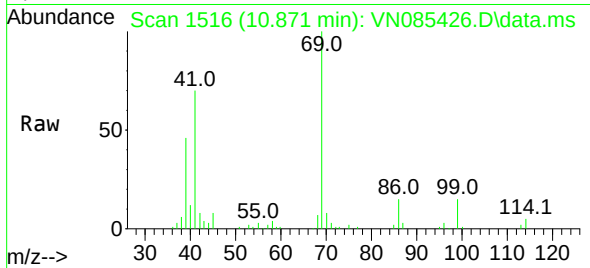




#51
Ethyl methacrylate
Concen: 20.027 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

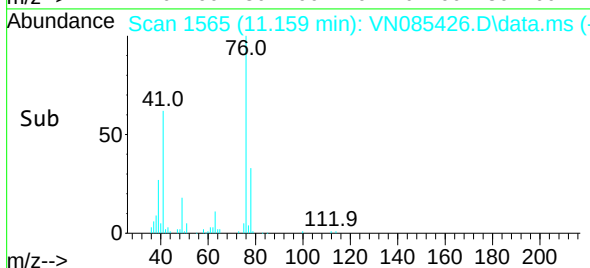
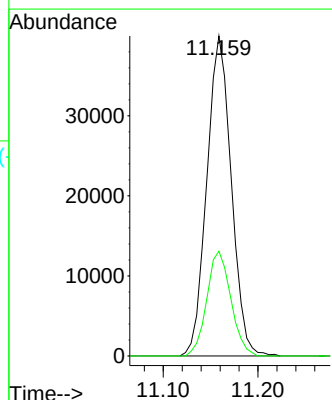
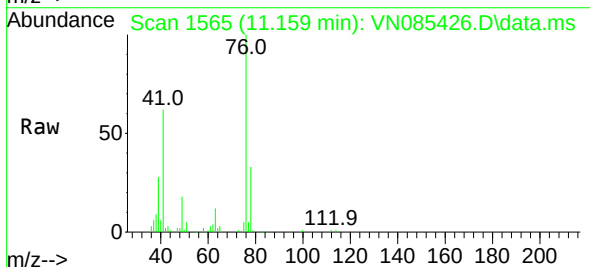
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

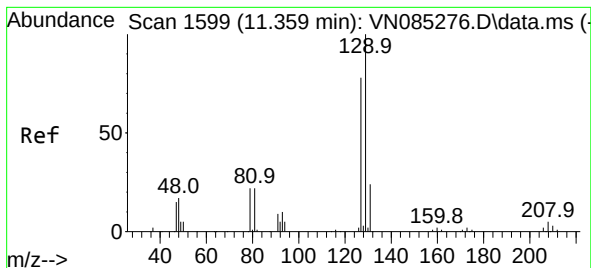
Tgt Ion: 69 Resp: 57722
Ion Ratio Lower Upper
69 100
41 69.8 38.1 114.5
39 45.2 24.1 72.2



#52
1,3-Dichloropropane
Concen: 21.543 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 76 Resp: 71661
Ion Ratio Lower Upper
76 100
78 32.1 0.0 66.2

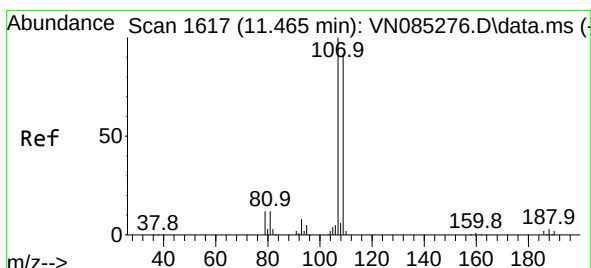
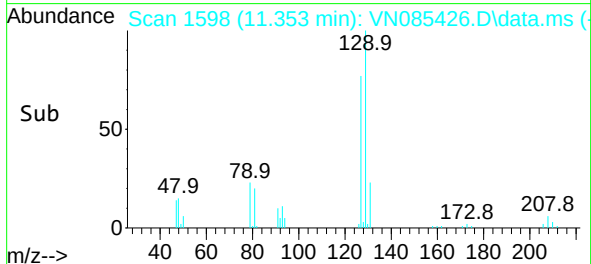
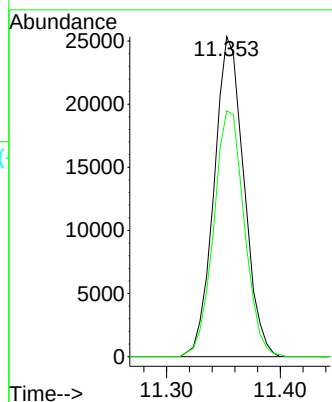
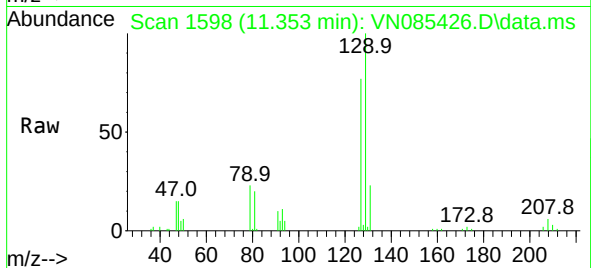




#53
Dibromochloromethane
Concen: 20.735 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

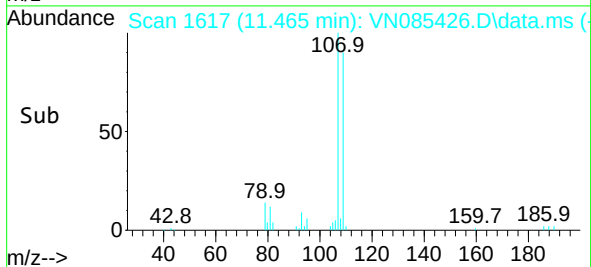
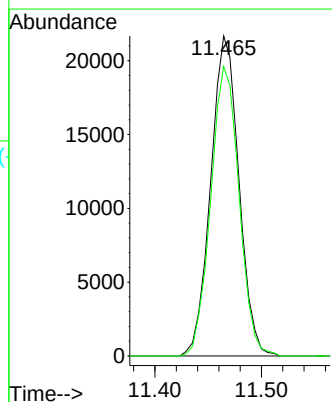
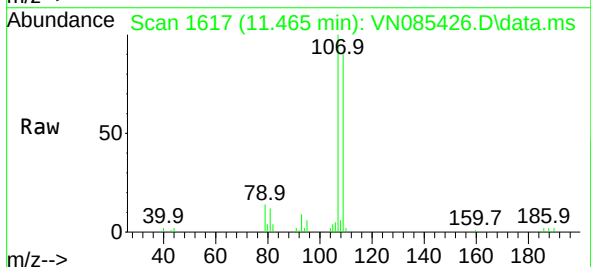
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

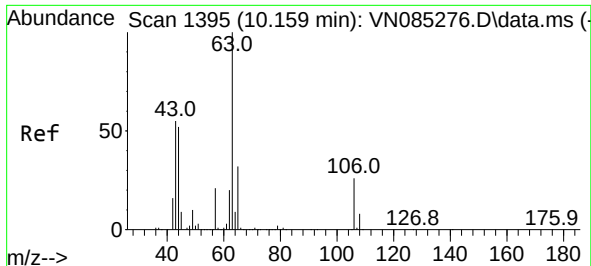
Tgt Ion:129 Resp: 46298
Ion Ratio Lower Upper
129 100
127 78.8 38.1 114.3



#54
1,2-Dibromoethane
Concen: 21.586 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion:107 Resp: 39809
Ion Ratio Lower Upper
107 100
109 91.0 76.2 114.4

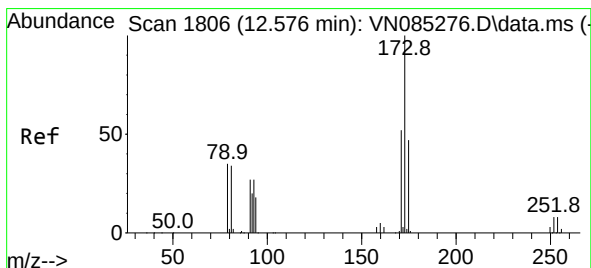
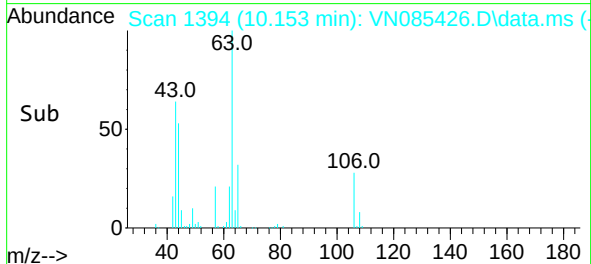
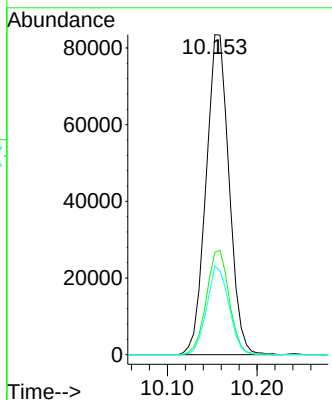
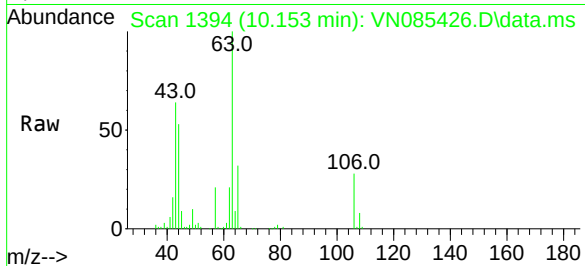




#55
2-Chloroethyl vinyl ether
Concen: 100.282 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

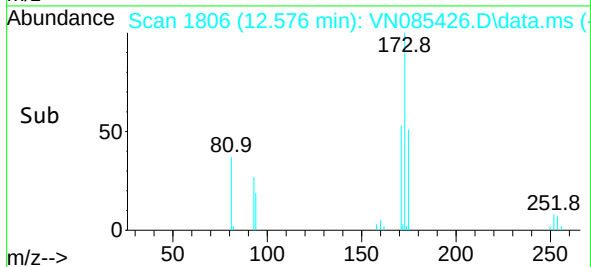
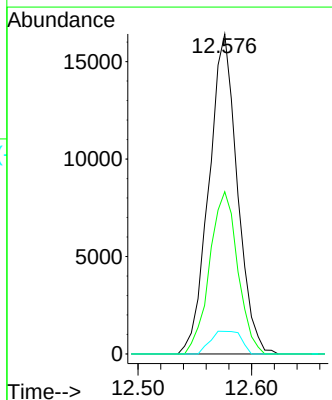
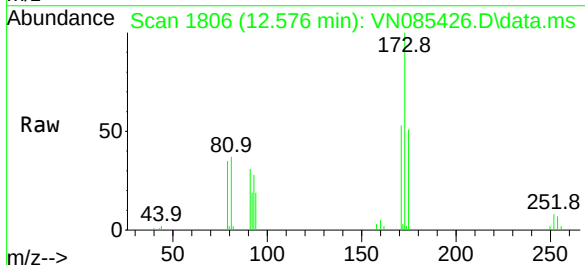
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

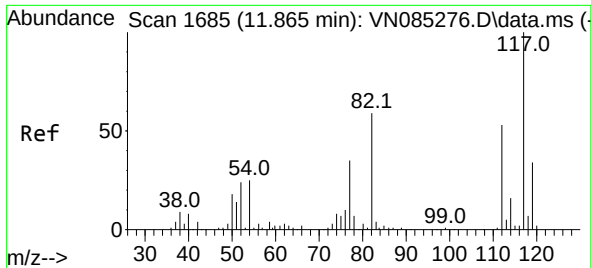
Tgt Ion: 63 Resp: 148883
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 26.7 21.2 31.8



#56
Bromoform
Concen: 19.594 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 173 Resp: 28541
Ion Ratio Lower Upper
173 100
175 50.1 39.4 59.2
254 5.7 7.2 10.8#

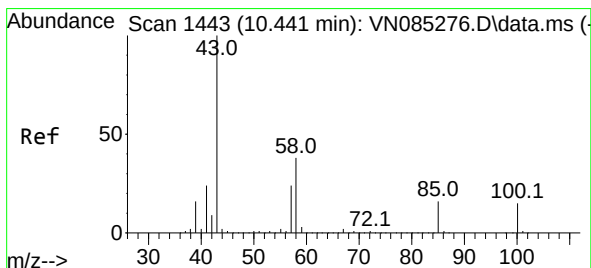
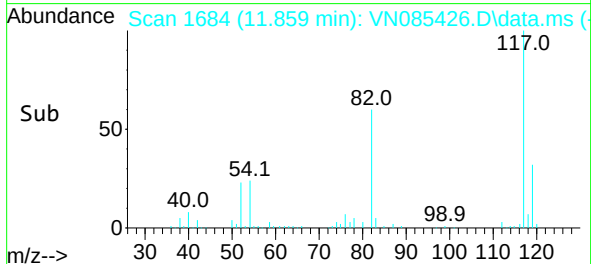
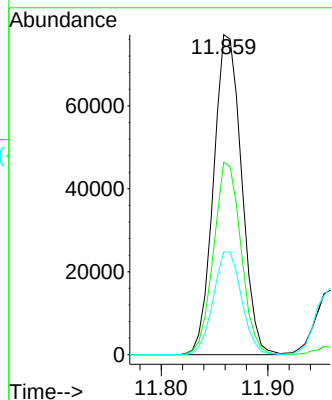
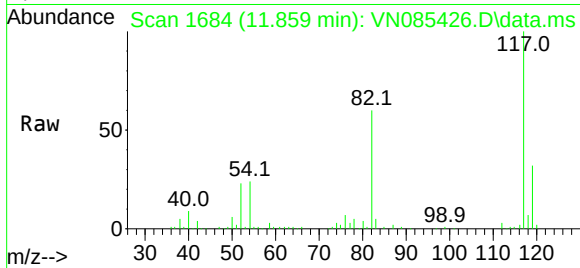




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

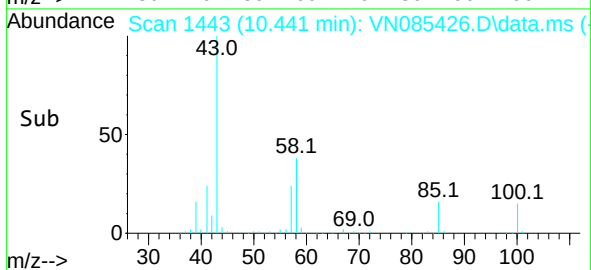
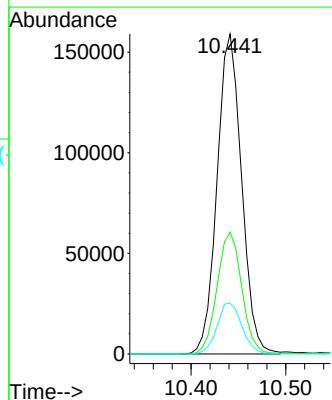
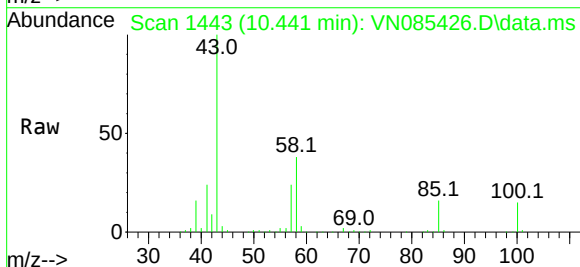
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

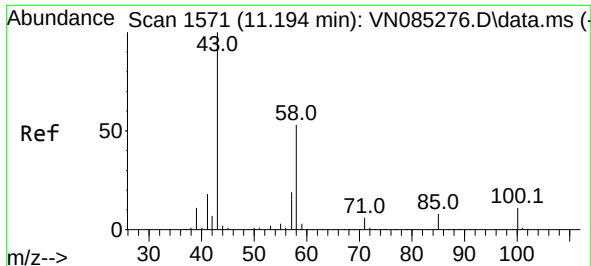
Tgt Ion:117 Resp: 141010
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 32.5 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 99.922 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 43 Resp: 285640
Ion Ratio Lower Upper
43 100
58 38.5 29.2 43.8
85 16.2 12.8 19.2

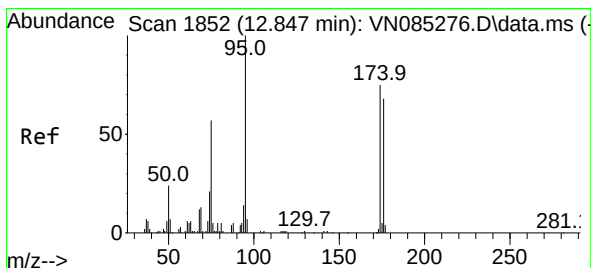
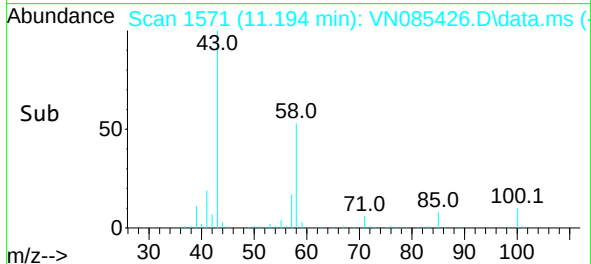
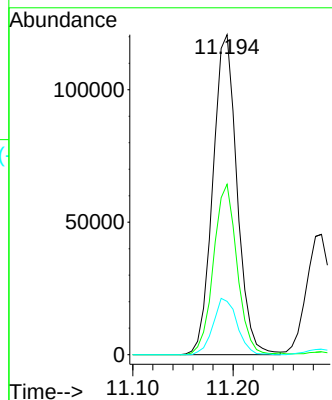
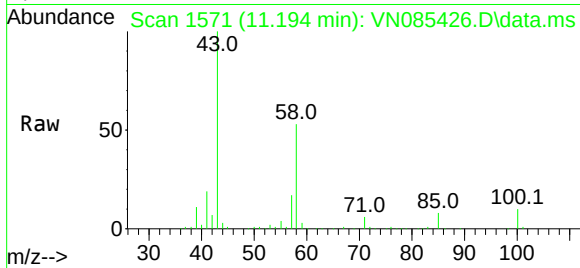




#59
2-Hexanone
Concen: 97.341 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

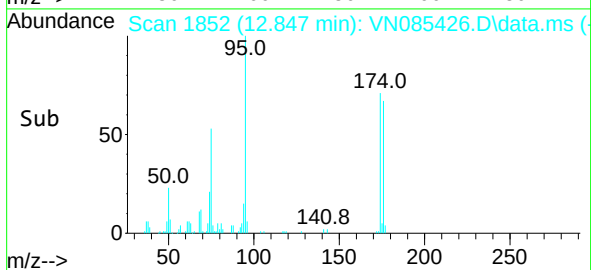
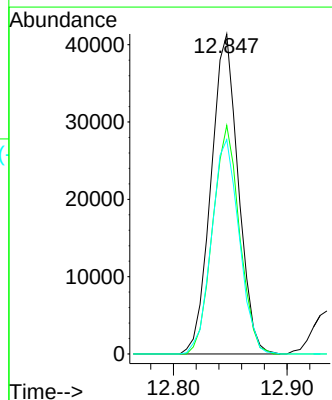
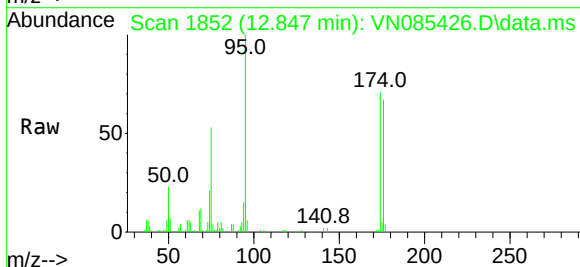
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

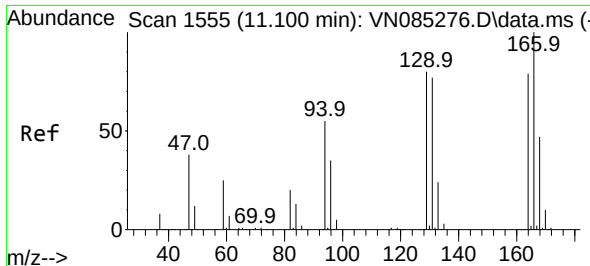
Tgt Ion: 43 Resp: 202146
Ion Ratio Lower Upper
43 100
58 51.8 40.2 60.4
57 17.4 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 30.190 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 95 Resp: 68959
Ion Ratio Lower Upper
95 100
174 70.3 57.8 86.8
176 68.0 57.1 85.7

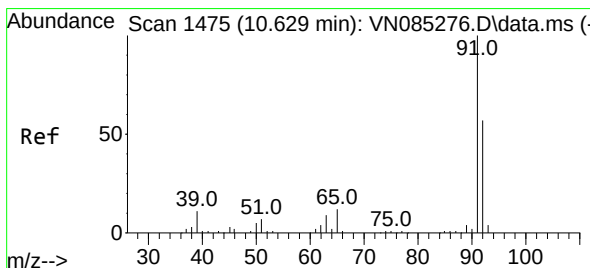
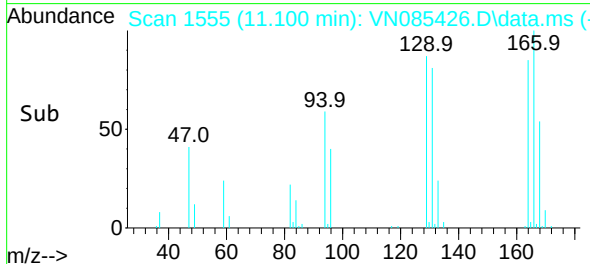
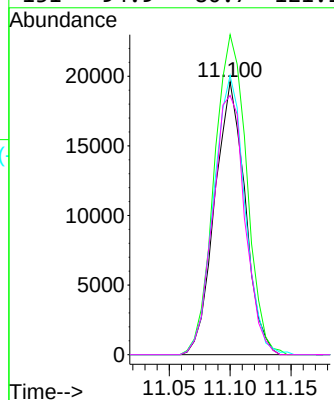
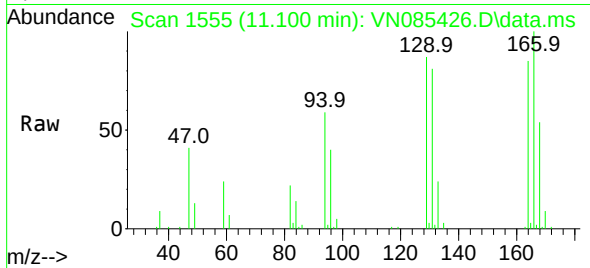




#61
Tetrachloroethene
Concen: 21.588 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

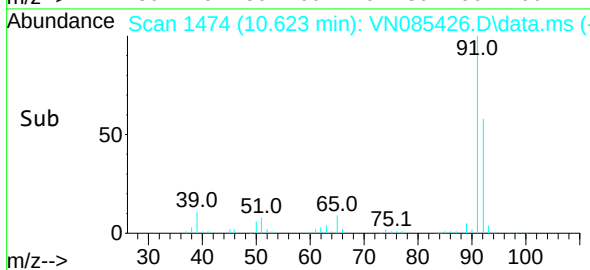
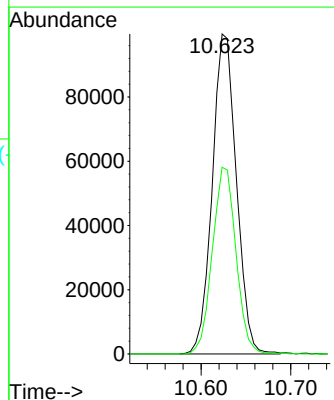
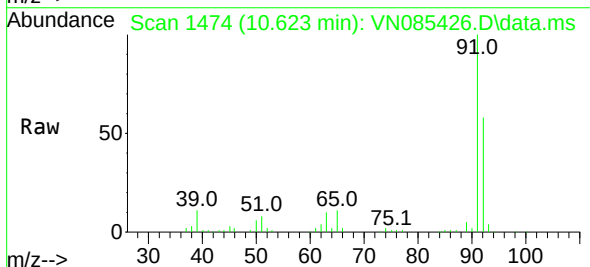
Instrument :
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ClientSampleId :
VSTDCCC020EC

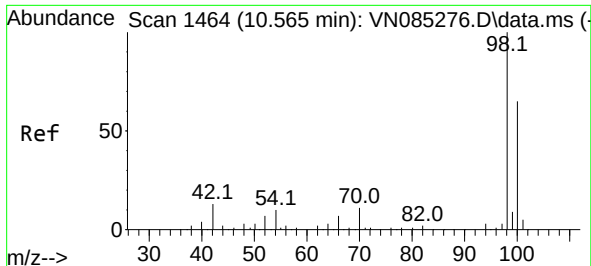
Tgt Ion:164 Resp: 33984
Ion Ratio Lower Upper
164 100
166 117.2 109.0 163.4
129 102.3 85.1 127.7
131 94.9 80.7 121.1



#62
Toluene
Concen: 21.468 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 91 Resp: 185976
Ion Ratio Lower Upper
91 100
92 57.1 45.9 68.9

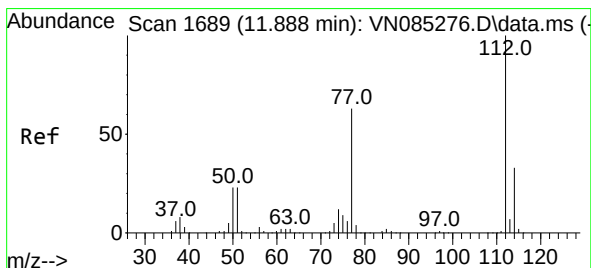
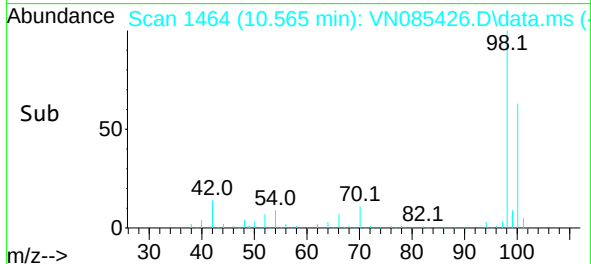
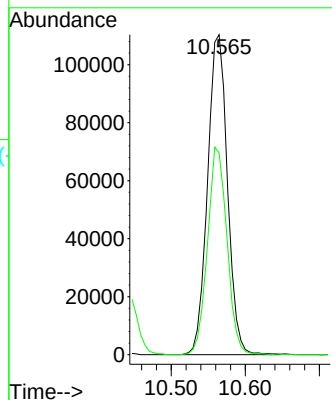
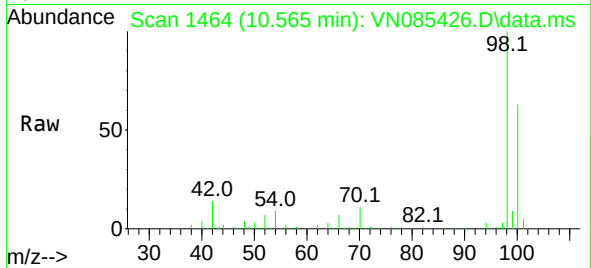




#63
Toluene-d8
Concen: 29.864 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

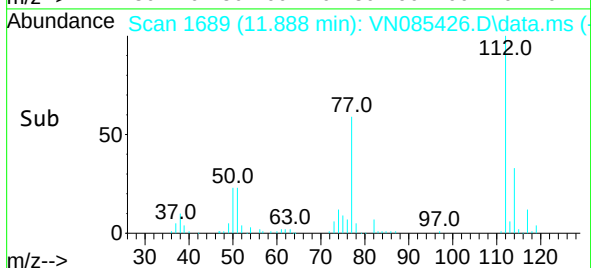
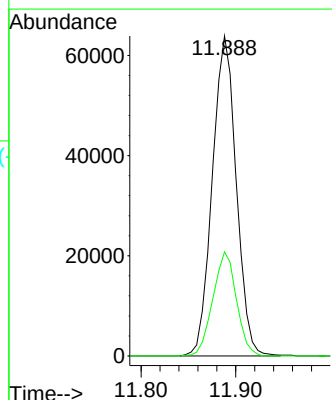
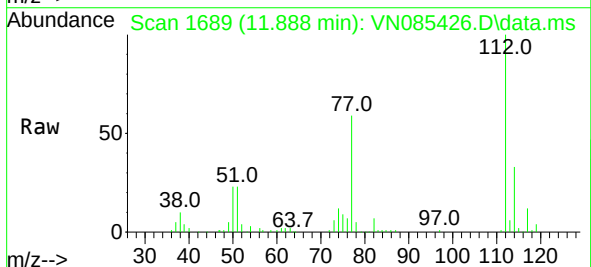
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

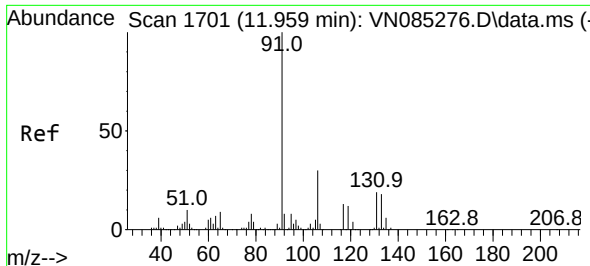
Tgt Ion: 98 Resp: 205631
Ion Ratio Lower Upper
98 100
100 63.7 50.8 76.2



#64
Chlorobenzene
Concen: 21.484 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 112 Resp: 112251
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6

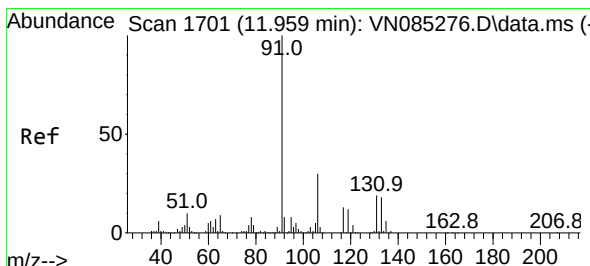
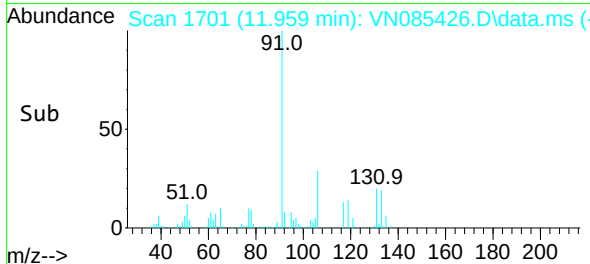
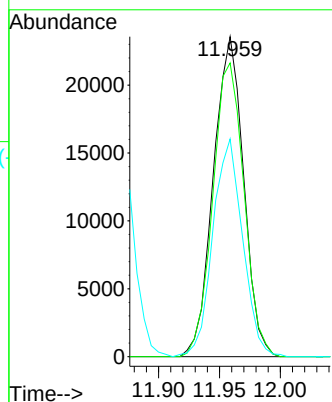
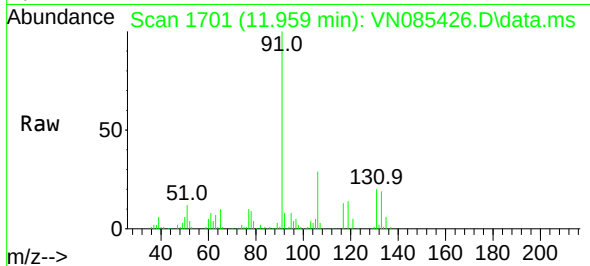




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.501 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

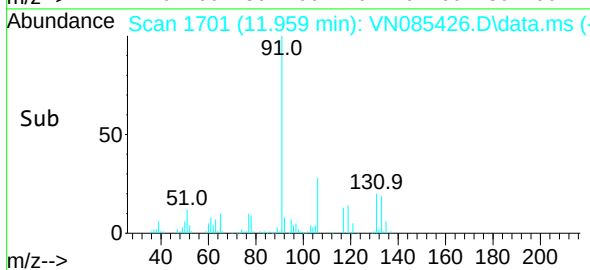
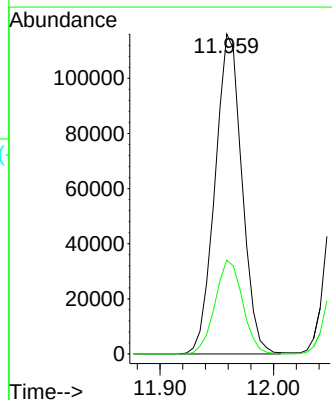
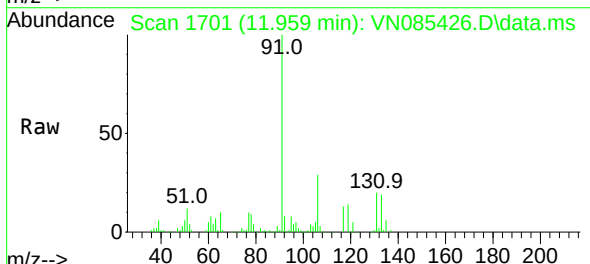
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

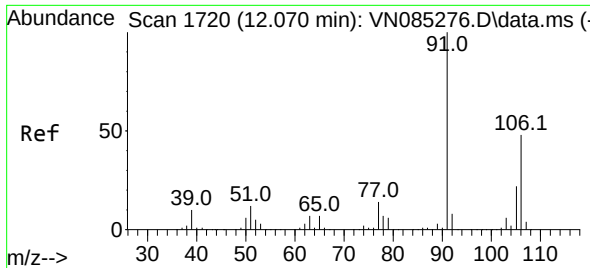
Tgt Ion:131 Resp: 40740
 Ion Ratio Lower Upper
 131 100
 133 94.6 0.0 189.4
 119 67.0 0.0 135.0



#66
 Ethyl Benzene
 Concen: 21.006 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.006 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

Tgt Ion: 91 Resp: 191477
 Ion Ratio Lower Upper
 91 100
 106 29.4 23.2 34.8

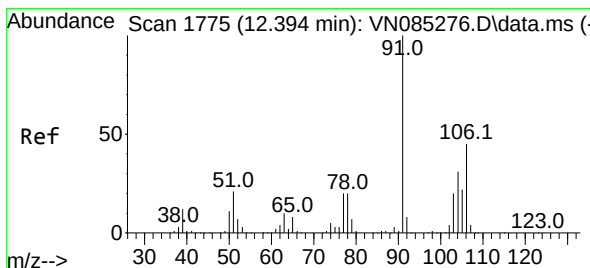
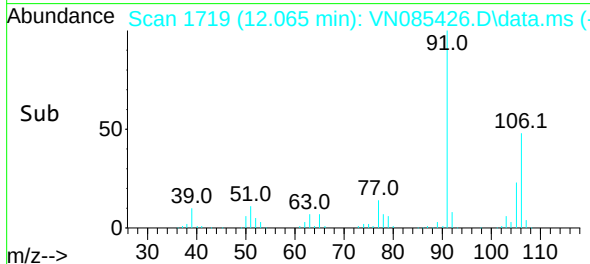
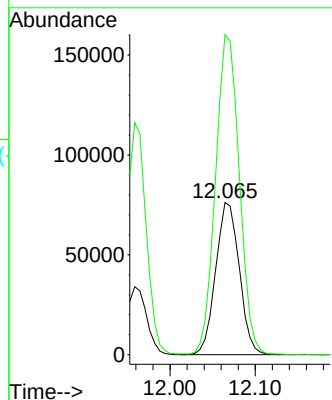
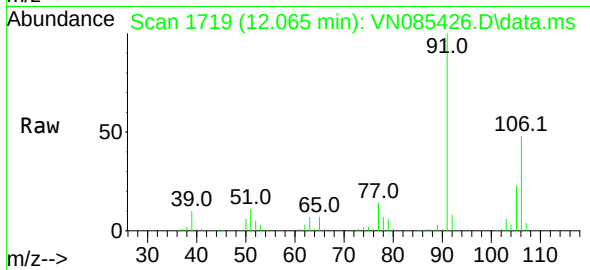




#67
m/p-Xylenes
Concen: 42.868 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

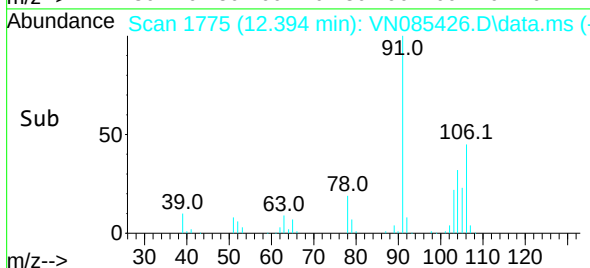
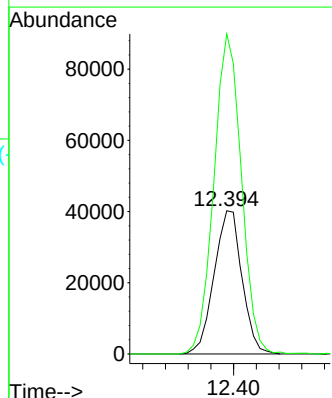
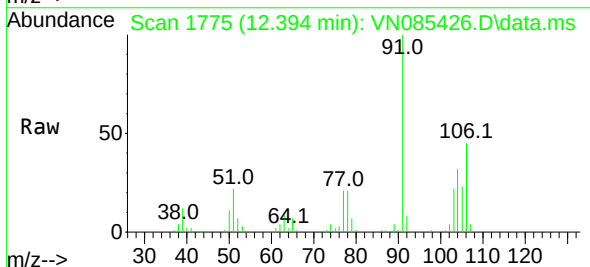
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

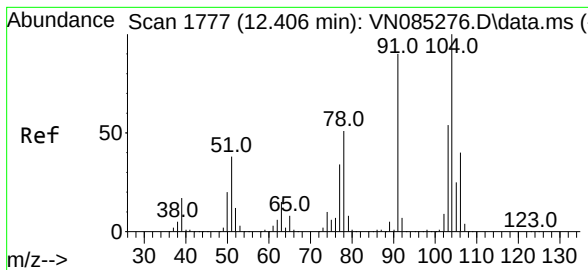
Tgt Ion:106 Resp: 146599
Ion Ratio Lower Upper
106 100
91 212.3 167.0 250.4



#68
o-Xylene
Concen: 21.057 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion:106 Resp: 68589
Ion Ratio Lower Upper
106 100
91 220.2 110.6 331.8





#69

Styrene

Concen: 21.099 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

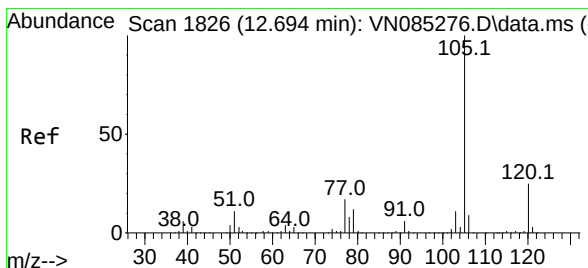
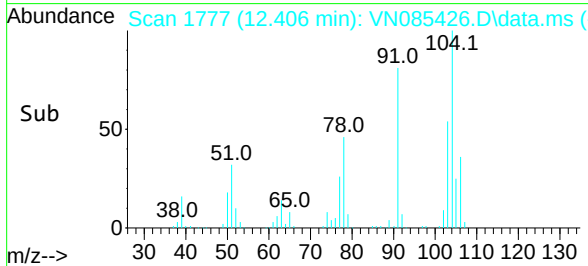
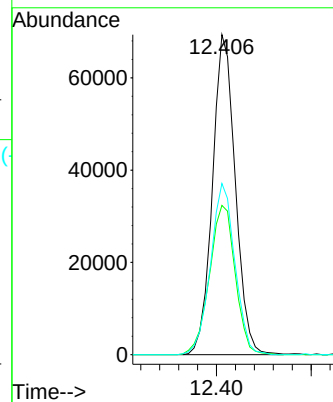
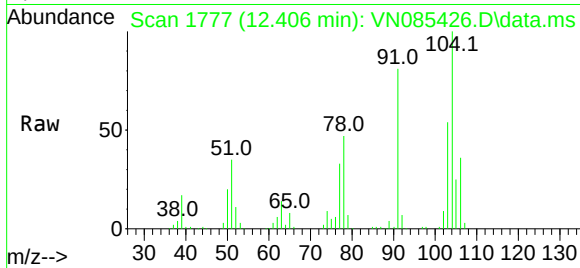
Tgt Ion:104 Resp: 116149

Ion Ratio Lower Upper

104 100

78 52.5 41.0 61.4

103 57.1 44.8 67.2



#70

Isopropylbenzene

Concen: 21.592 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085426.D

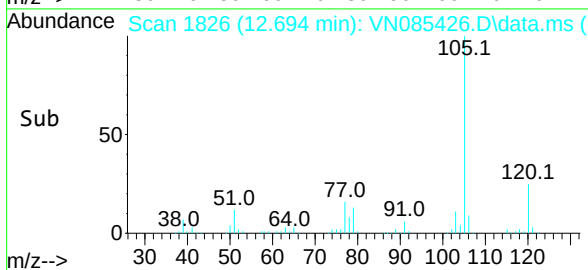
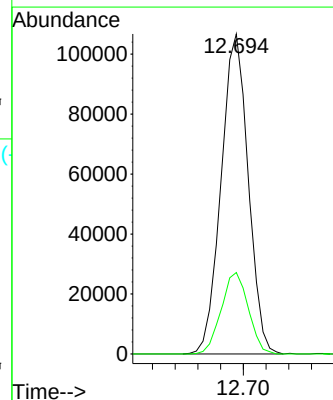
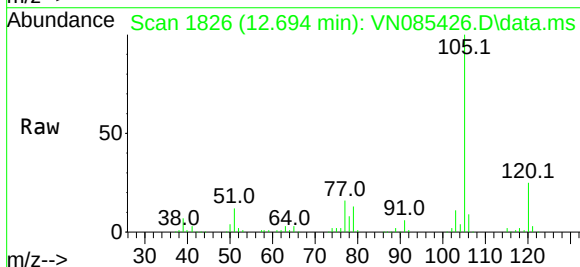
Acq: 10 Jan 2025 16:06

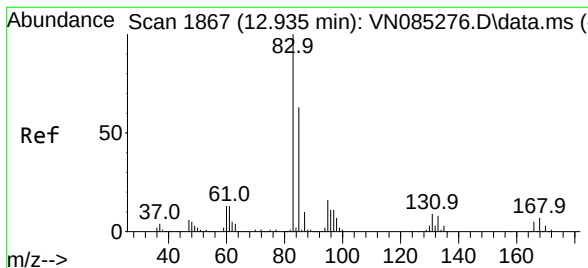
Tgt Ion:105 Resp: 176609

Ion Ratio Lower Upper

105 100

120 25.4 18.4 34.2

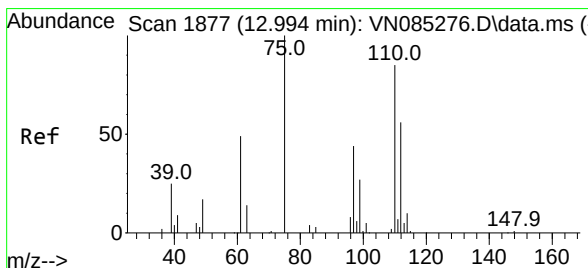
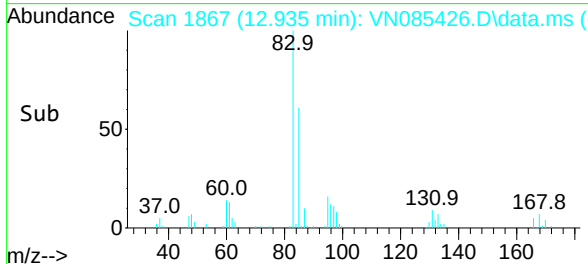
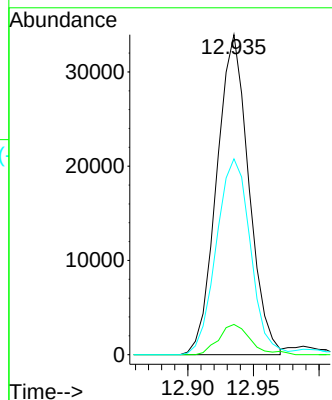
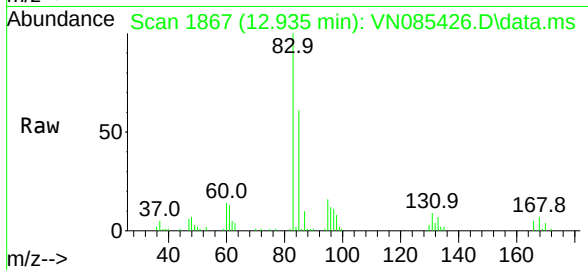




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.910 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

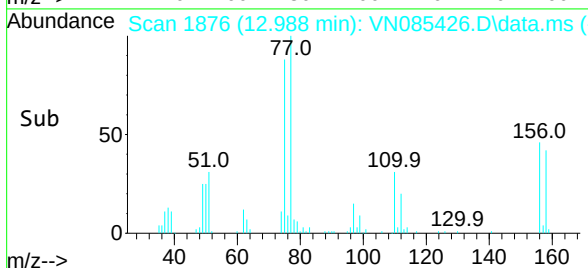
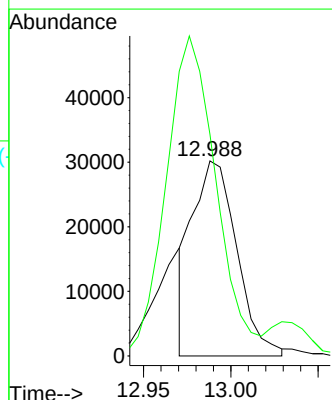
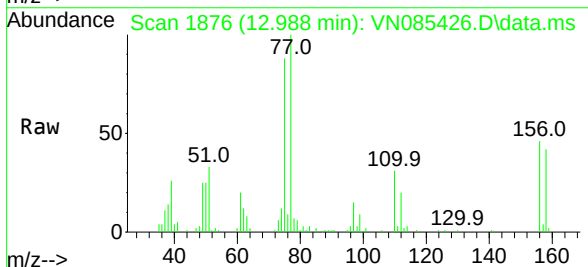
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

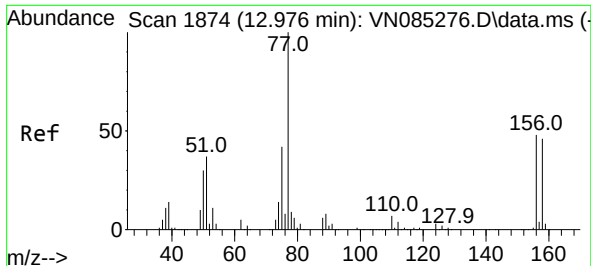
Tgt Ion: 83 Resp: 57757
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.0 15.0
 85 64.9 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 21.633 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

Tgt Ion: 75 Resp: 53413
 Ion Ratio Lower Upper
 75 100
 77 185.0 0.0 407.2

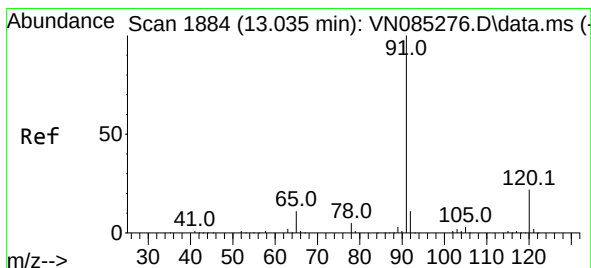
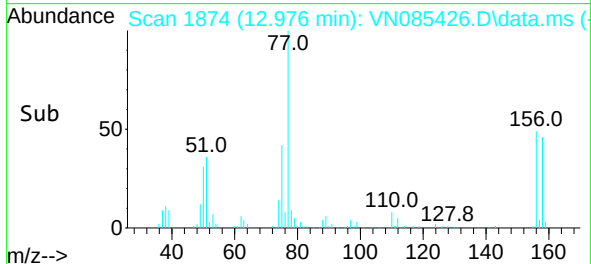
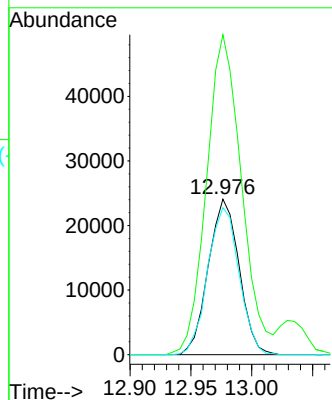
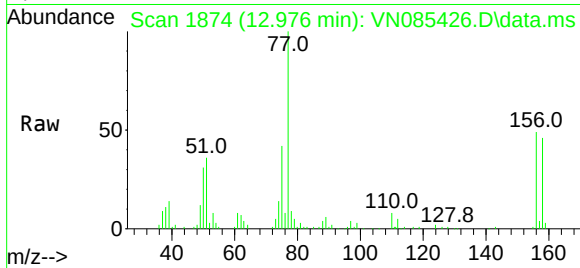




#73
Bromobenzene
Concen: 21.006 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

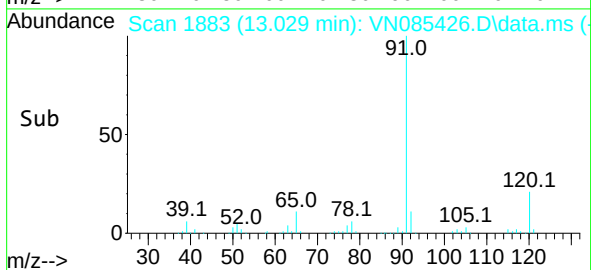
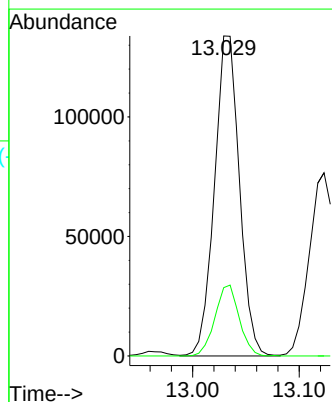
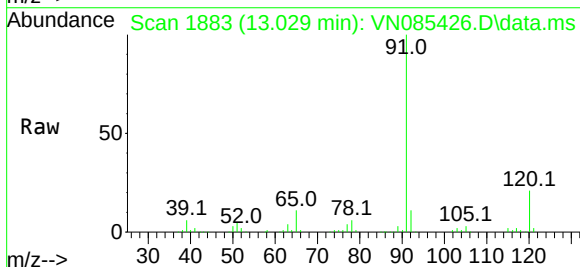
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

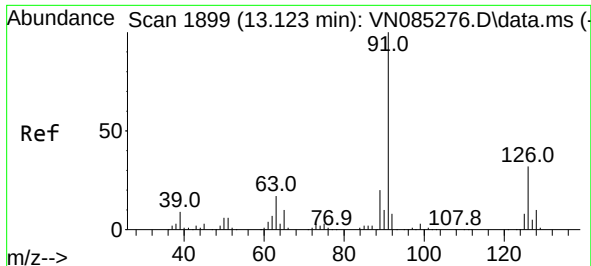
Tgt Ion:156 Resp: 42446
Ion Ratio Lower Upper
156 100
77 232.8 0.0 462.6
158 96.3 0.0 186.4



#74
n-propylbenzene
Concen: 21.385 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion: 91 Resp: 217913
Ion Ratio Lower Upper
91 100
120 21.4 0.0 41.4

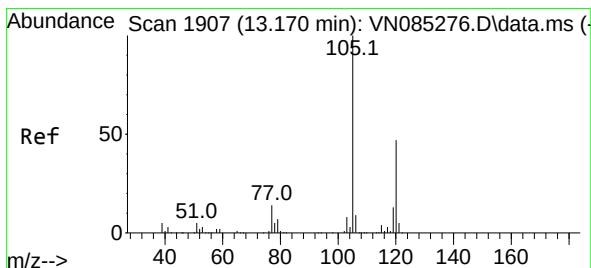
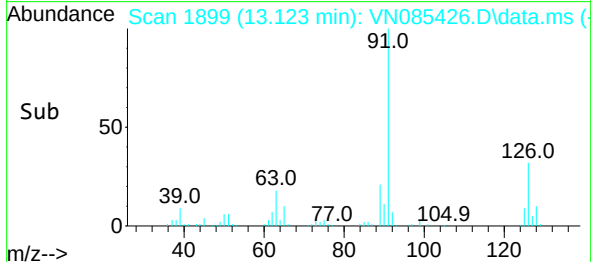
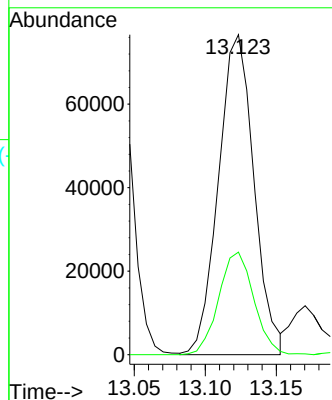
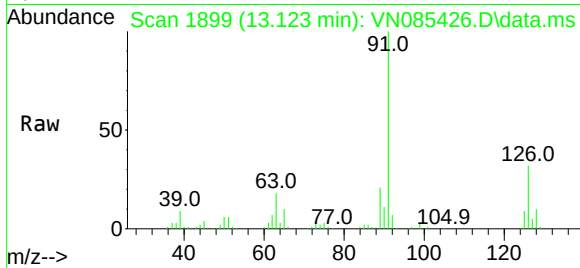




#75
2-Chlorotoluene
Concen: 21.714 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

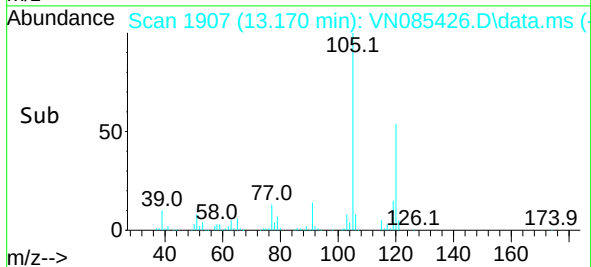
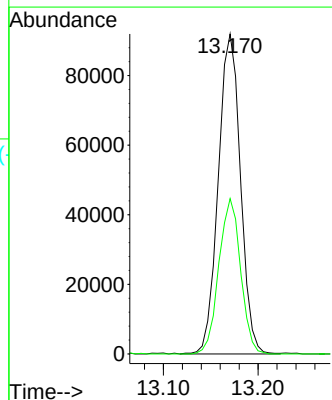
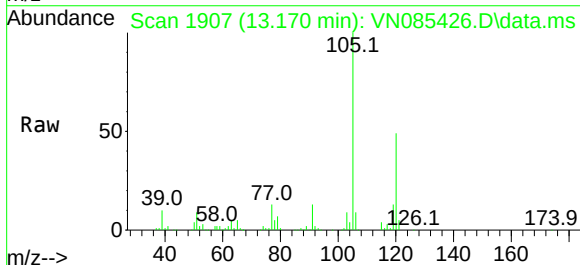
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

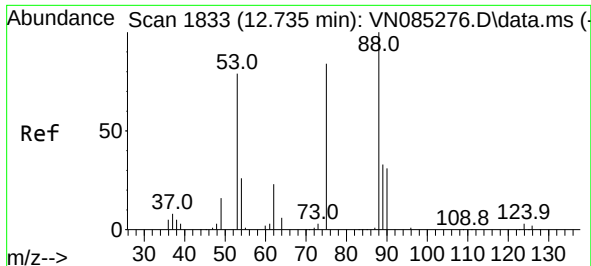
Tgt Ion: 91 Resp: 133291
Ion Ratio Lower Upper
91 100
126 31.6 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 21.457 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion:105 Resp: 149755
Ion Ratio Lower Upper
105 100
120 47.5 0.0 95.0

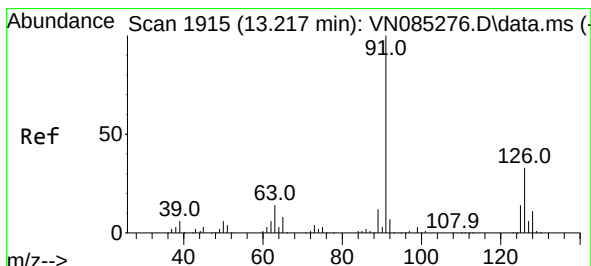
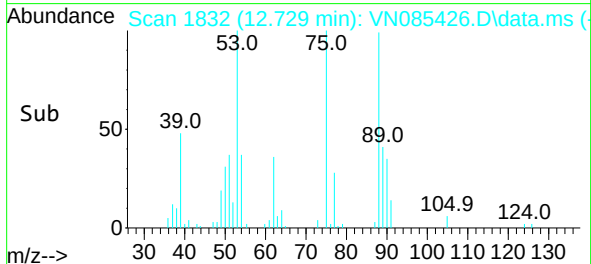
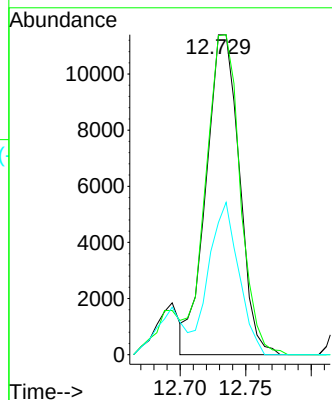
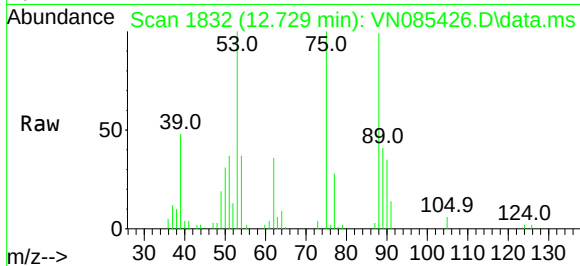




#77
t-1,4-Dichloro-2-butene
Concen: 19.947 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

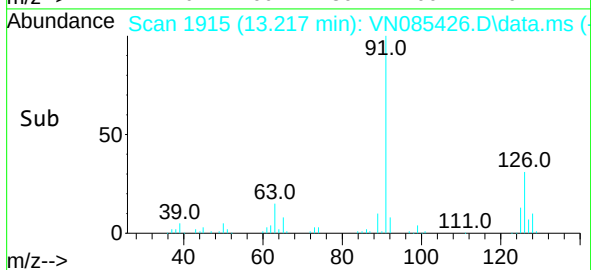
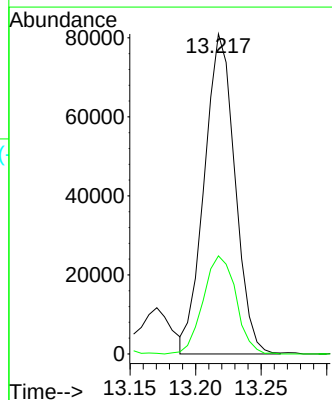
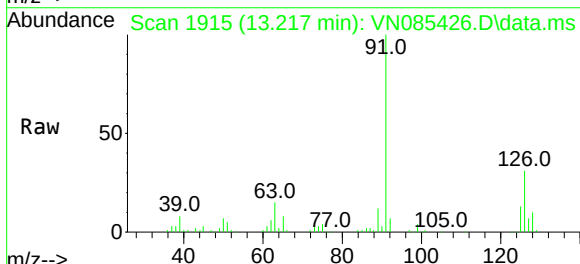
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

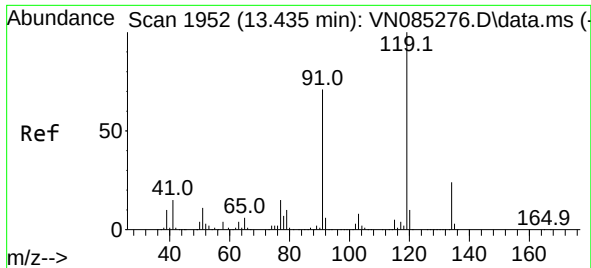
Tgt Ion:	75	Resp:	20128
Ion	Ratio	Lower	Upper
75	100		
53	98.4	54.9	164.5
89	41.3	22.8	68.3



#78
4-Chlorotoluene
Concen: 21.146 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion:	91	Resp:	131977
Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	63.6

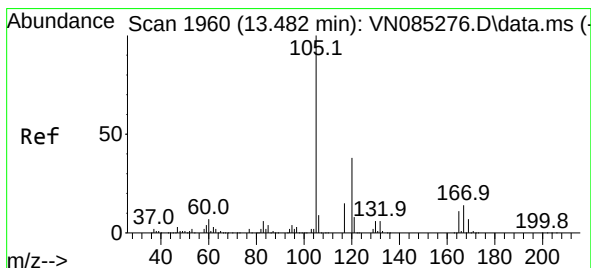
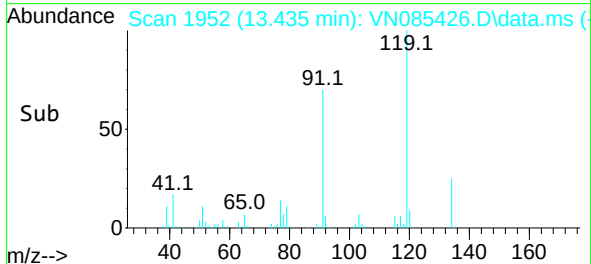
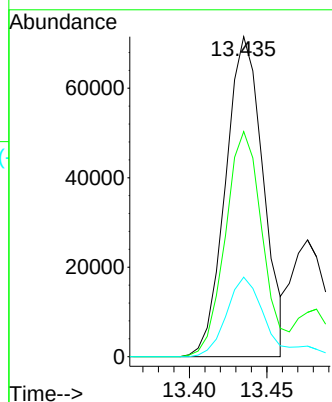
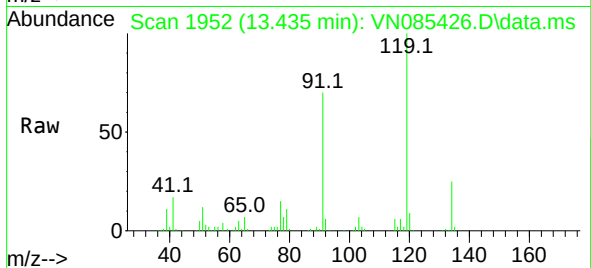




#79
tert-butylbenzene
Concen: 21.186 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

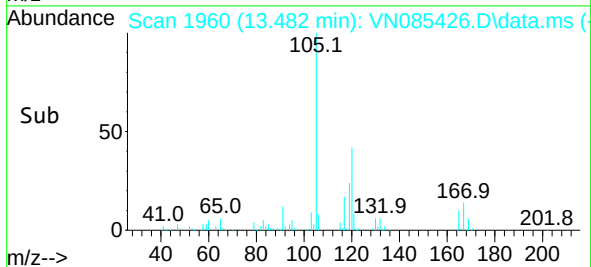
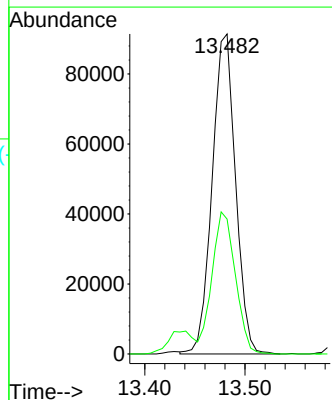
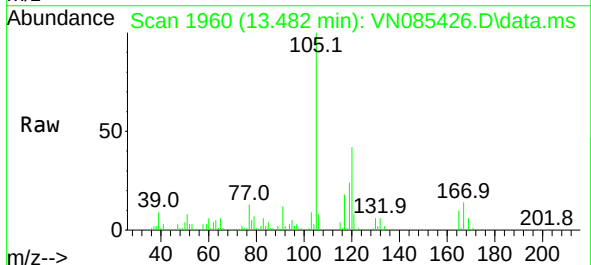
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

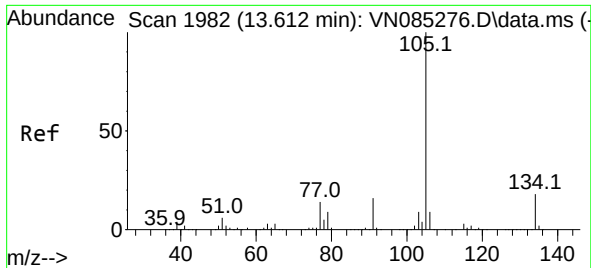
Tgt Ion:119 Resp: 120920
Ion Ratio Lower Upper
119 100
91 69.8 0.0 142.0
134 24.1 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 21.321 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion:105 Resp: 148115
Ion Ratio Lower Upper
105 100
120 44.4 0.0 89.8

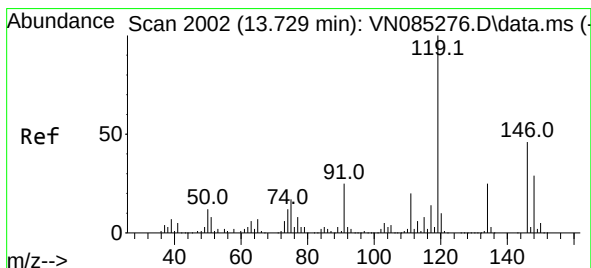
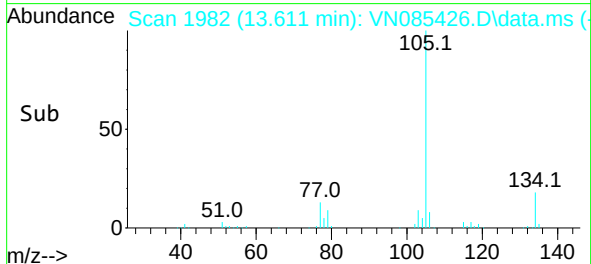
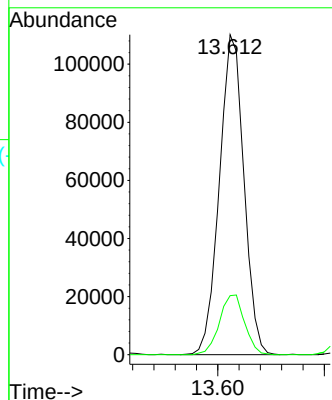
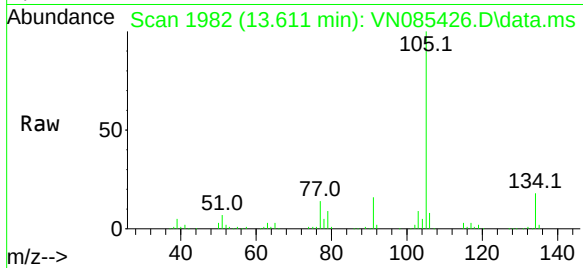




#81
 sec-Butylbenzene
 Concen: 21.356 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

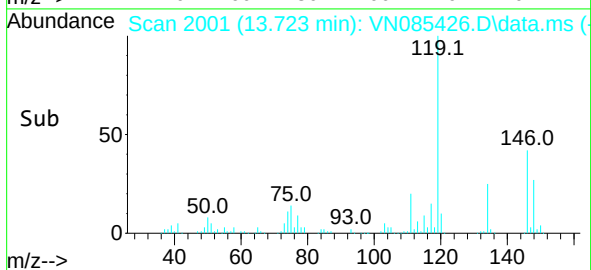
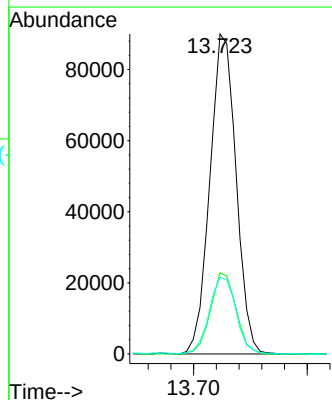
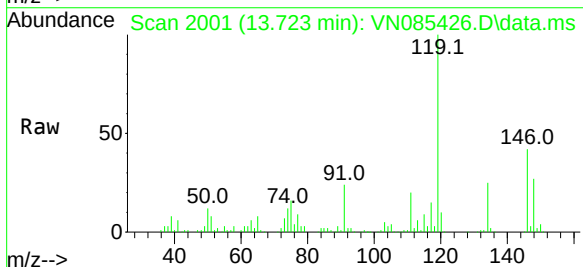
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

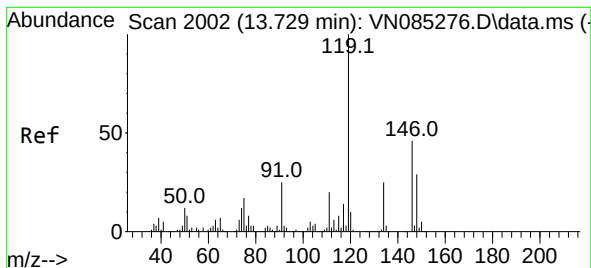
Tgt Ion:105 Resp: 175981
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.8



#82
 p-Isopropyltoluene
 Concen: 21.238 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN085426.D
 Acq: 10 Jan 2025 16:06

Tgt Ion:119 Resp: 144130
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 51.4
 91 24.6 0.0 51.4





#83

1,3-Dichlorobenzene

Concen: 21.151 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

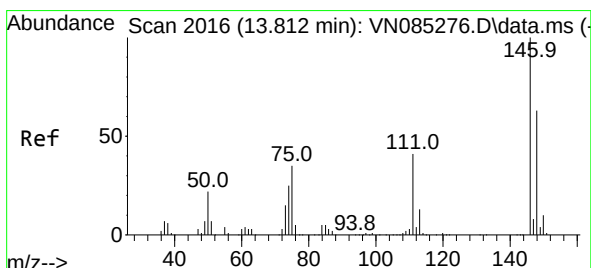
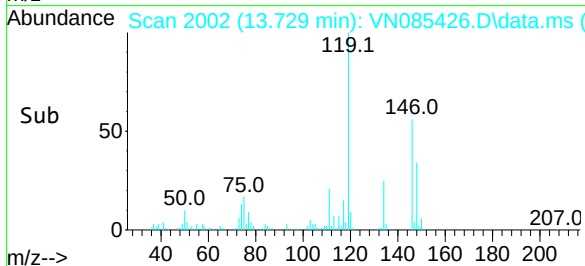
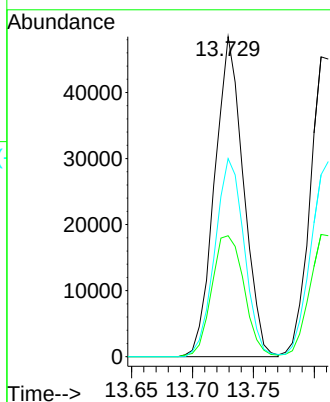
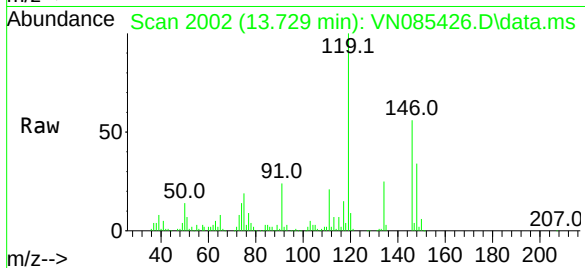
Tgt Ion:146 Resp: 79708

Ion Ratio Lower Upper

146 100

111 42.4 20.4 61.3

148 63.0 31.1 93.5



#84

1,4-Dichlorobenzene

Concen: 21.476 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

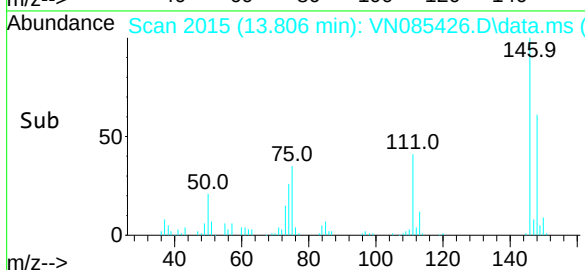
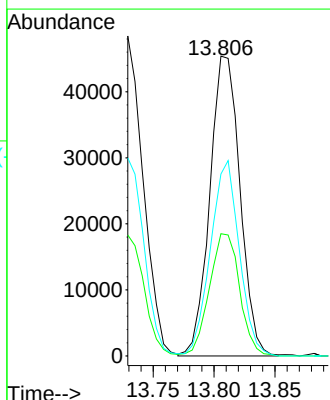
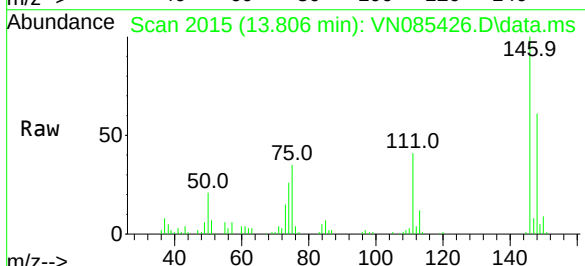
Tgt Ion:146 Resp: 78299

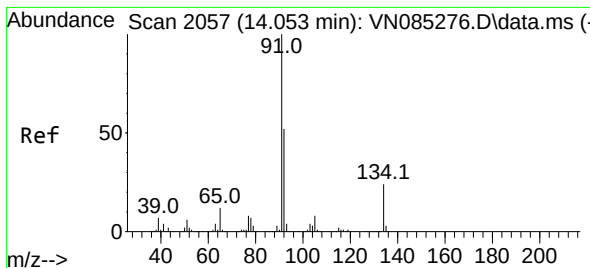
Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

148 62.4 33.2 99.6





#85

n-Butylbenzene

Concen: 20.816 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

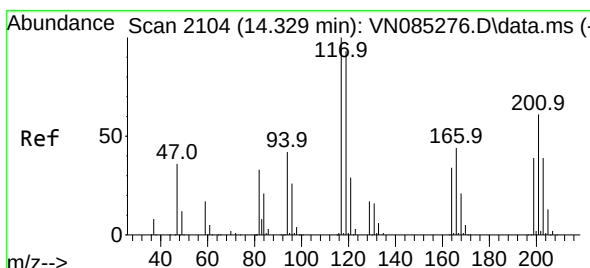
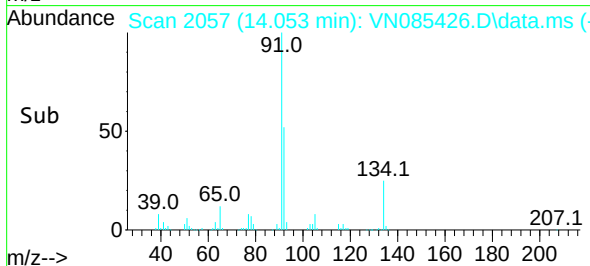
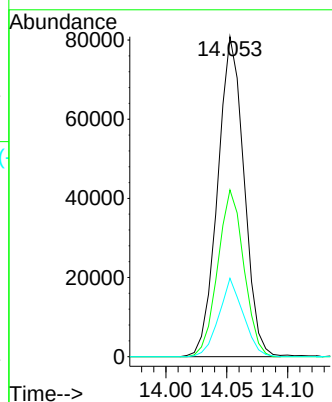
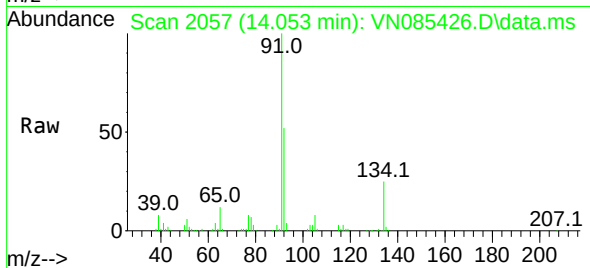
Tgt Ion: 91 Resp: 121960

Ion Ratio Lower Upper

91 100

92 51.6 0.0 102.0

134 22.7 0.0 46.4



#86

Hexachloroethane

Concen: 19.980 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085426.D

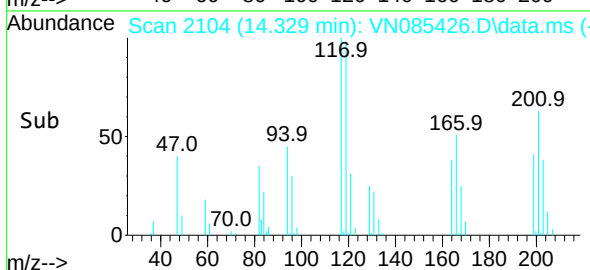
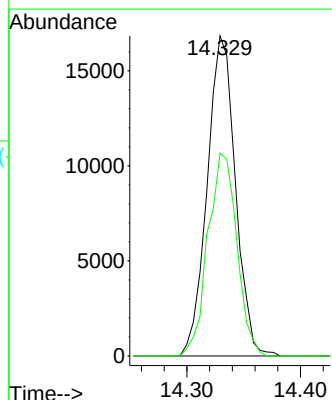
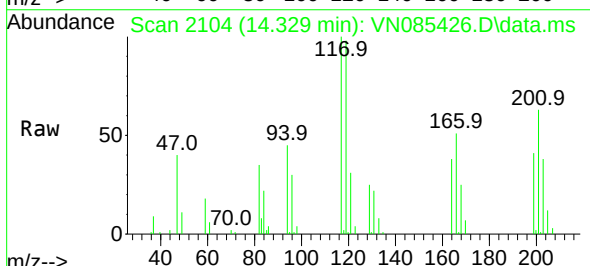
Acq: 10 Jan 2025 16:06

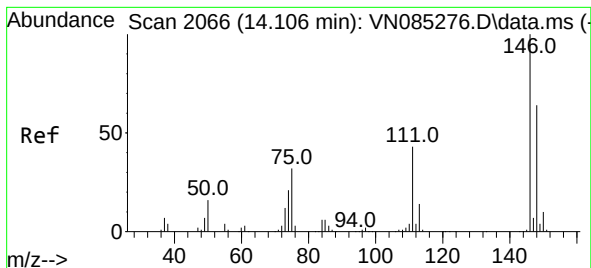
Tgt Ion: 117 Resp: 29109

Ion Ratio Lower Upper

117 100

201 65.0 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 21.061 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

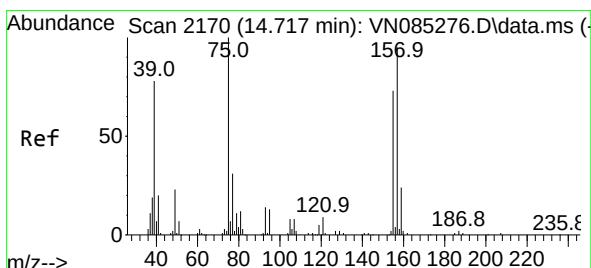
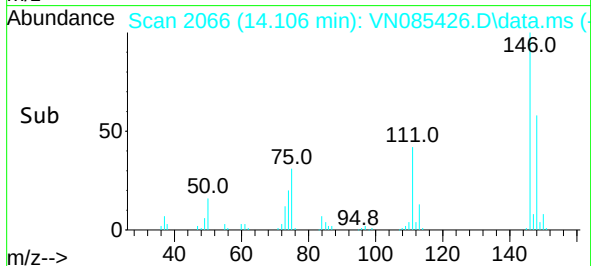
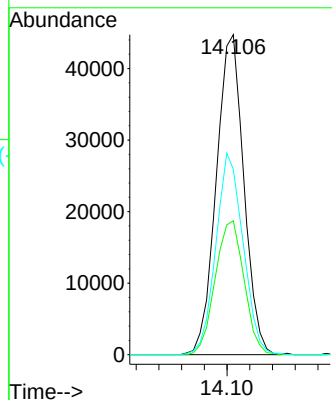
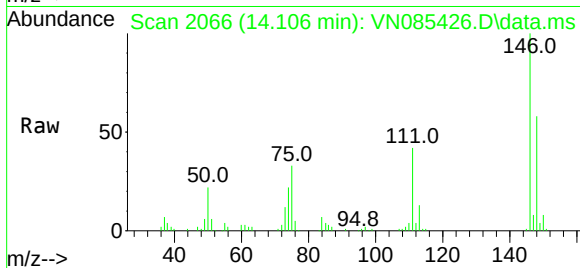
Tgt Ion:146 Resp: 75404

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.3

148 62.4 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.754 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

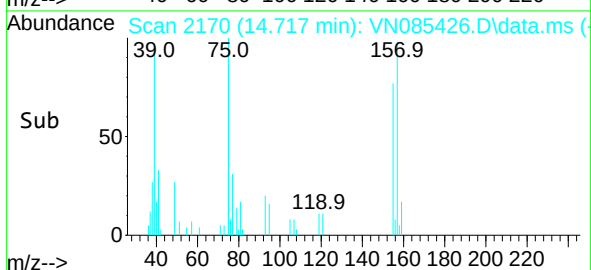
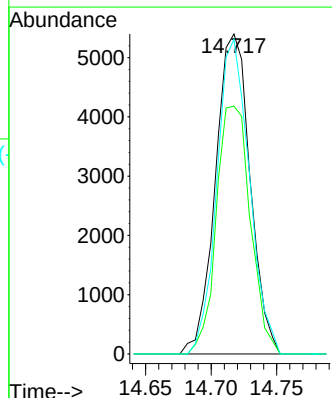
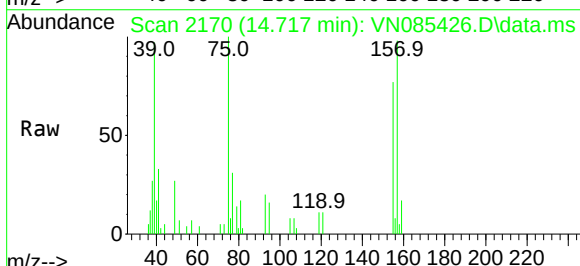
Tgt Ion: 75 Resp: 9932

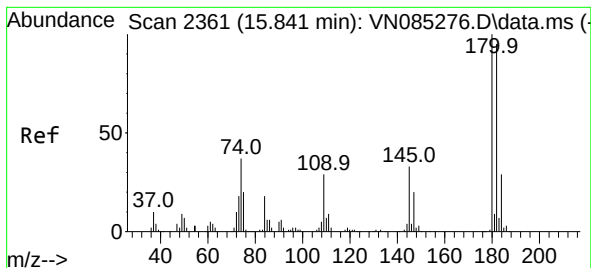
Ion Ratio Lower Upper

75 100

155 75.9 53.4 80.0

157 92.2 74.2 111.4





#89

1,2,4-Trichlorobenzene

Concen: 20.512 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

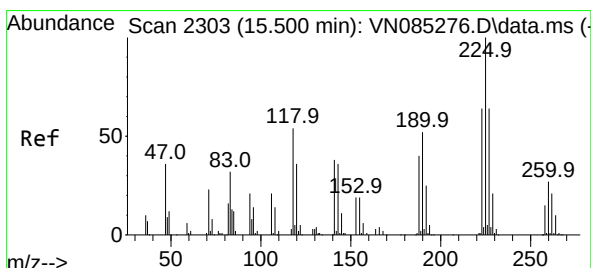
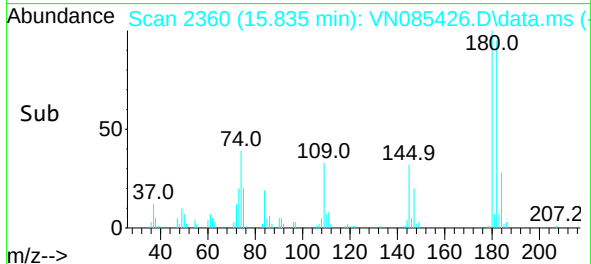
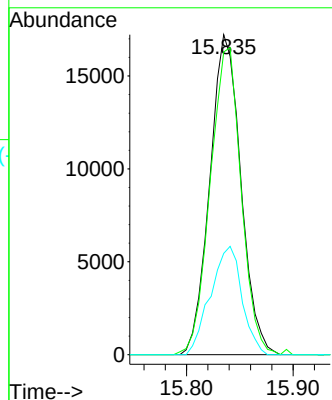
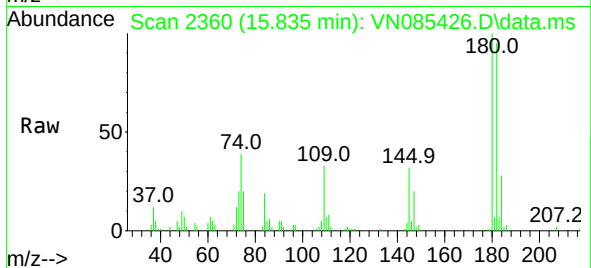
Tgt Ion:180 Resp: 34792

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 34.4 27.4 41.2



#90

Hexachlorobutadiene

Concen: 19.504 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085426.D

Acq: 10 Jan 2025 16:06

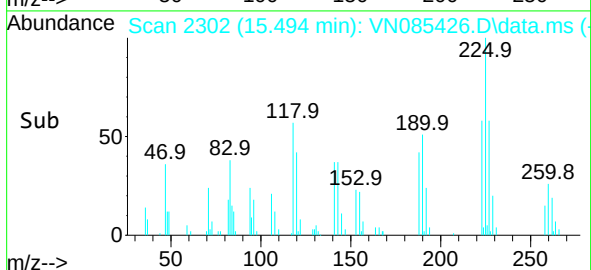
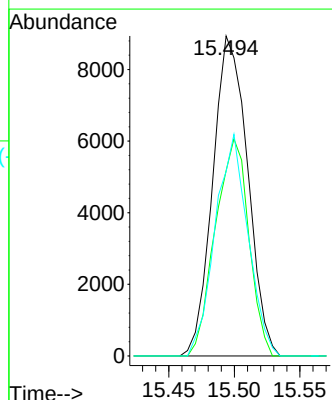
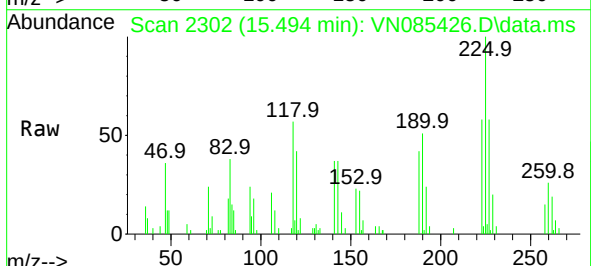
Tgt Ion:225 Resp: 16490

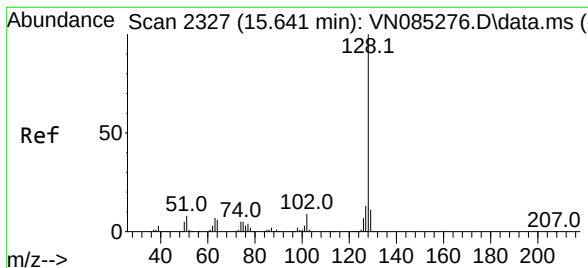
Ion Ratio Lower Upper

225 100

223 65.1 0.0 116.2

227 65.3 0.0 116.4

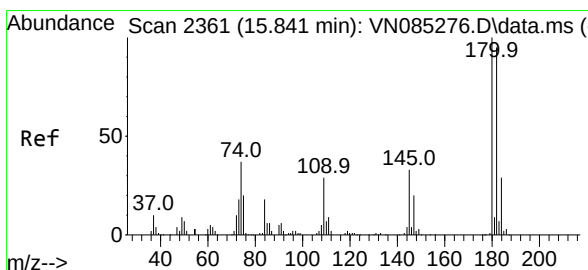
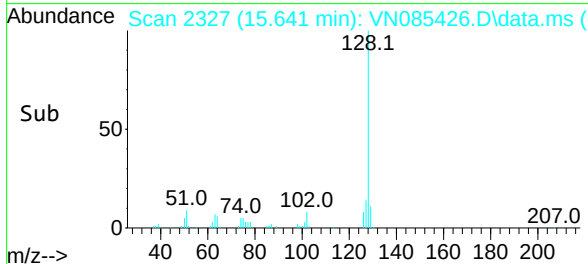
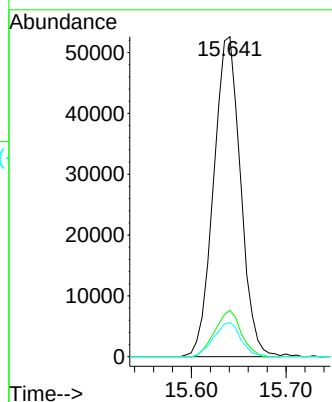
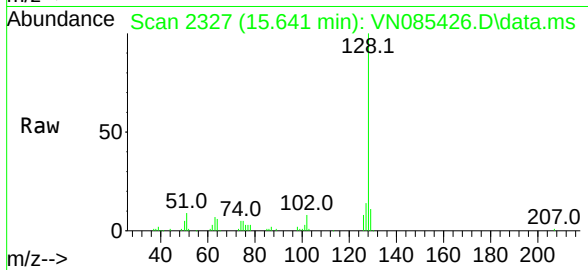




#91
Naphthalene
Concen: 19.094 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 104057
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 10.7 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 20.512 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085426.D
Acq: 10 Jan 2025 16:06

Tgt Ion:180 Resp: 34792
Ion Ratio Lower Upper
180 100
182 95.6 0.0 191.2
145 34.4 0.0 68.6

