

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
 Data File : VN086259.D
 Acq On : 14 Apr 2025 11:03
 Operator : JC\MD
 Sample : VN0414WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Quant Time: Apr 15 03:05:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	36062	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	212146	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	188770	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	103894	29.537	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.467%
60) 4-Bromofluorobenzene	12.847	95	111425	29.647	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.833%
63) Toluene-d8	10.565	98	318483	29.884	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54070	18.713	ug/l	98
3) Chloromethane	2.359	50	71999	18.029	ug/l	100
4) Vinyl Chloride	2.512	62	69656	18.312	ug/l	95
5) Bromomethane	2.959	94	34406	18.133	ug/l	96
6) Chloroethane	3.124	64	44882	18.685	ug/l	98
7) Trichlorofluoromethane	3.501	101	78678	19.068	ug/l	100
8) Diethyl Ether	3.959	74	38193	20.071	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	48840	19.195	ug/l	98
10) 1,1-Dichloroethene	4.342	96	49445	18.006	ug/l	99
11) Methyl Iodide	4.589	142	59902	18.980	ug/l	98
12) Methyl Acetate	5.024	43	80774	20.830	ug/l	97
13) Acrolein	4.177	56	48066	109.048	ug/l	96
14) Acrylonitrile	5.712	53	161179	98.458	ug/l	99
15) Acetone	4.424	58	40894	98.522	ug/l	94
16) Carbon Disulfide	4.712	76	142937	18.153	ug/l	99
17) Allyl chloride	5.018	41	86865	18.150	ug/l	98
18) Methylene Chloride	5.271	84	58725	18.757	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	53567	18.520	ug/l	97
20) Diisopropyl ether	6.671	45	206398	20.060	ug/l	96
21) 1,1-Dichloroethane	6.565	63	105602	19.237	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	65882	19.121	ug/l	99
23) tert-Butyl Alcohol	5.512	59	69667	102.708	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	201225	20.306	ug/l	99
25) Chloroform	7.965	83	103843	19.837	ug/l	98
26) Cyclohexane	8.253	56	95417	18.579	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	75526	19.873	ug/l	97
30) 2-Butanone	7.477	43	220855	104.878	ug/l	99
31) 2,2-Dichloropropane	7.489	77	93559	20.000	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	85744	19.614	ug/l	99
33) Carbon Tetrachloride	8.359	117	69889	20.005	ug/l	97
34) Benzene	8.600	78	242368	20.046	ug/l #	95
35) Methacrylonitrile	7.771	41	50804	21.400	ug/l	97
36) 1,2-Dichloroethane	8.665	62	79625	21.045	ug/l	97
37) Trichloroethene	9.347	130	59060	20.246	ug/l	95
38) Methylcyclohexane	9.600	83	87606	18.796	ug/l	99
39) 1,2-Dichloropropane	9.618	63	61825	20.550	ug/l	98
40) Dibromomethane	9.706	93	40620	20.905	ug/l	96
41) Bromodichloromethane	9.882	83	85287	20.431	ug/l	98
42) Vinyl Acetate	6.600	43	738325	103.000	ug/l	99

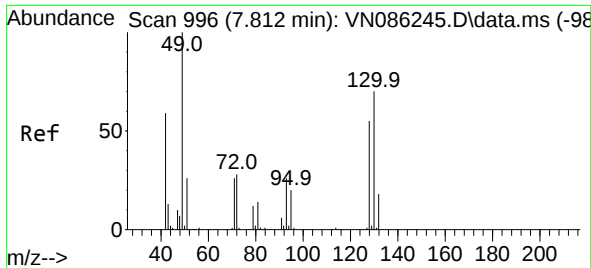
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
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Quant Time: Apr 15 03:05:47 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	86606	20.390	ug/l	97
44) Isopropyl Acetate	8.683	43	156559	19.868	ug/l	100
45) 1,4-Dioxane	9.694	88	26556	423.818	ug/l #	94
46) Methyl methacrylate	9.677	41	70947	20.434	ug/l	96
47) n-amyl Acetate	12.488	43	123569	19.779	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	96008	20.344	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	104035	20.829	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	56786	20.837	ug/l	98
51) Ethyl methacrylate	10.871	69	105789	20.888	ug/l	96
52) 1,3-Dichloropropane	11.159	76	100971	20.787	ug/l	99
53) Dibromochloromethane	11.353	129	62263	20.887	ug/l	98
54) 1,2-Dibromoethane	11.465	107	57757	20.995	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	271407	141.822	ug/l	99
56) Bromoform	12.576	173	41780	21.423	ug/l #	99
58) 4-Methyl-2-Pentanone	10.441	43	450944	105.268	ug/l	99
59) 2-Hexanone	11.194	43	331870	104.040	ug/l	99
61) Tetrachloroethene	11.100	164	57897	20.769	ug/l	97
62) Toluene	10.630	91	254946	20.136	ug/l	100
64) Chlorobenzene	11.888	112	157296	20.334	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	53903	21.115	ug/l	99
66) Ethyl Benzene	11.959	91	281296	20.033	ug/l	99
67) m/p-Xylenes	12.071	106	212715	40.741	ug/l	98
68) o-Xylene	12.394	106	106466	20.731	ug/l	97
69) Styrene	12.406	104	178420	20.600	ug/l	98
70) Isopropylbenzene	12.694	105	255832	20.204	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	76539	21.236	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	112205	29.908	ug/l	59
73) Bromobenzene	12.976	156	58234	20.760	ug/l	99
74) n-propylbenzene	13.029	91	302453	20.228	ug/l	100
75) 2-Chlorotoluene	13.123	91	190051	20.222	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	211804	20.362	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	35624	20.593	ug/l	93
78) 4-Chlorotoluene	13.218	91	187622	19.990	ug/l	99
79) tert-butylbenzene	13.435	119	177378	19.708	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	214794	20.364	ug/l	98
81) sec-Butylbenzene	13.612	105	248141	19.764	ug/l	100
82) p-Isopropyltoluene	13.723	119	207375	19.800	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	106668	20.459	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	107111	20.479	ug/l	100
85) n-Butylbenzene	14.053	91	184228	19.498	ug/l	99
86) Hexachloroethane	14.329	117	34967	19.792	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	106853	20.757	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16765	20.422	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	51313	20.486	ug/l	100
90) Hexachlorobutadiene	15.494	225	20003	18.496	ug/l	98
91) Naphthalene	15.635	128	202577	20.513	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	51313	20.486	ug/l	100

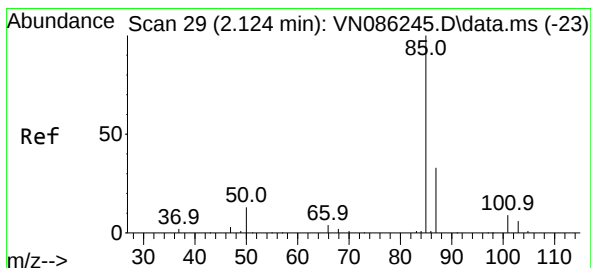
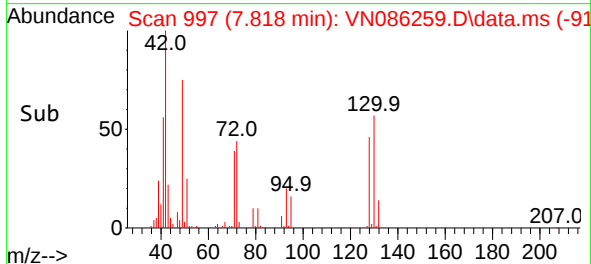
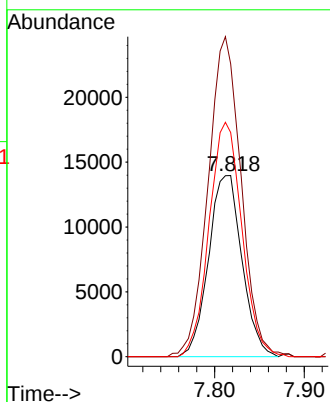
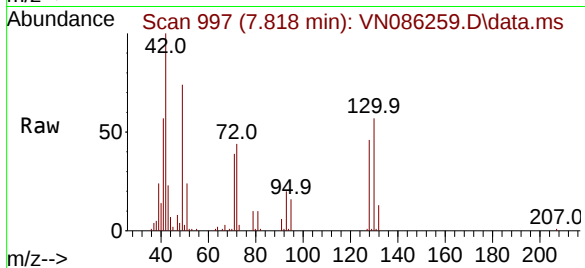
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

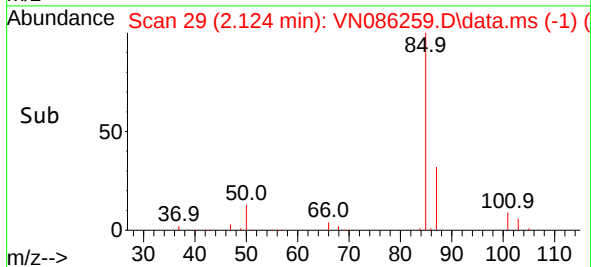
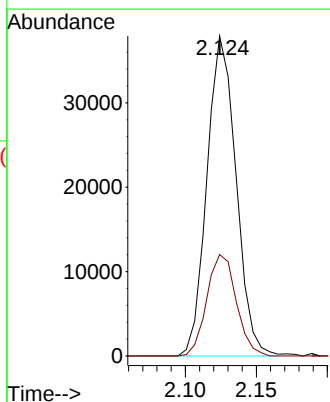
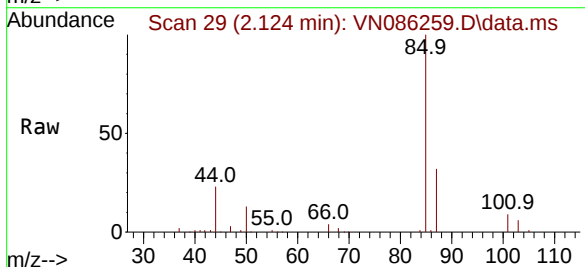
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

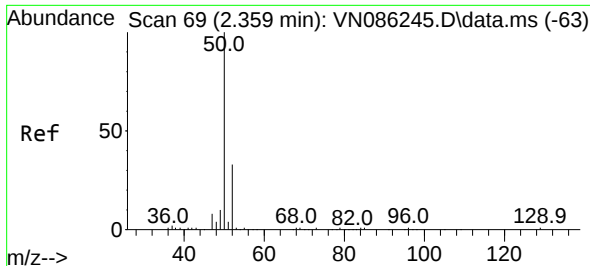
Tgt Ion:128 Resp: 36062
Ion Ratio Lower Upper
128 100
49 174.9 0.0 452.5
130 127.6 0.0 315.0



#2
Dichlorodifluoromethane
Concen: 18.713 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 85 Resp: 54070
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9

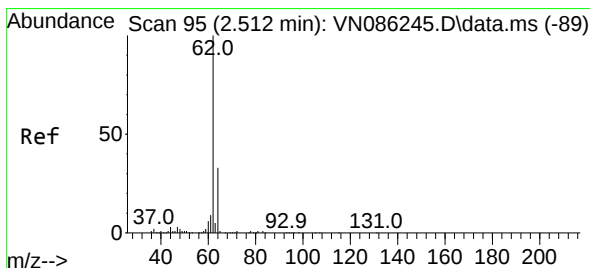
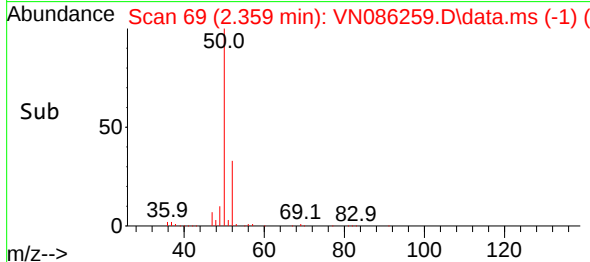
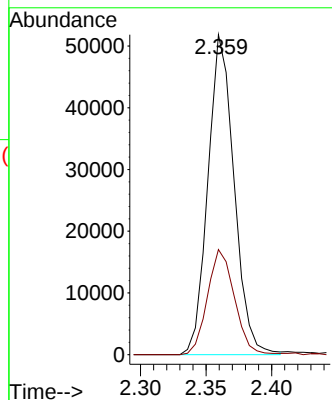
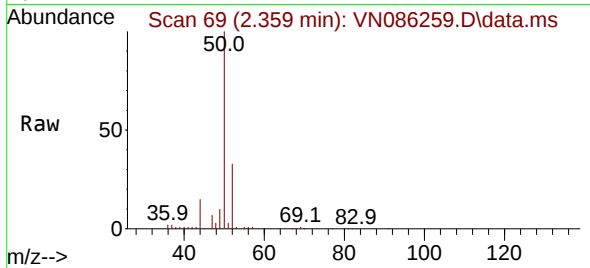




#3
Chloromethane
Concen: 18.029 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

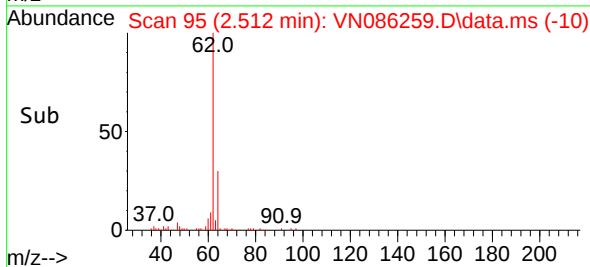
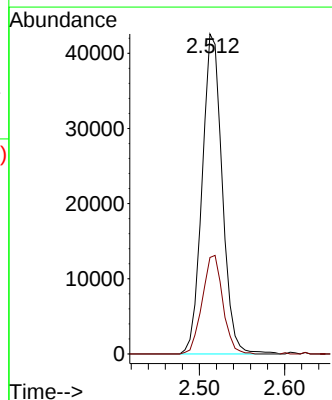
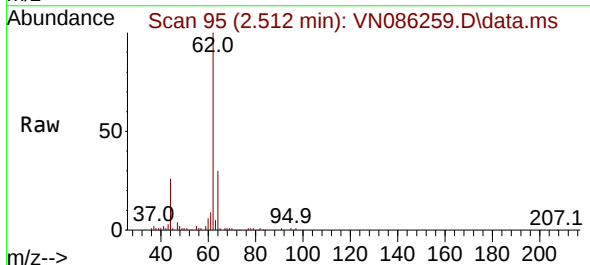
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MSVOA_N
ClientSampleId :
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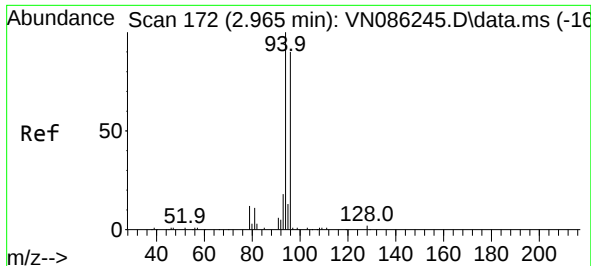
Tgt Ion: 50 Resp: 71999
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6



#4
Vinyl Chloride
Concen: 18.312 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 62 Resp: 69656
Ion Ratio Lower Upper
62 100
64 30.2 26.3 39.5

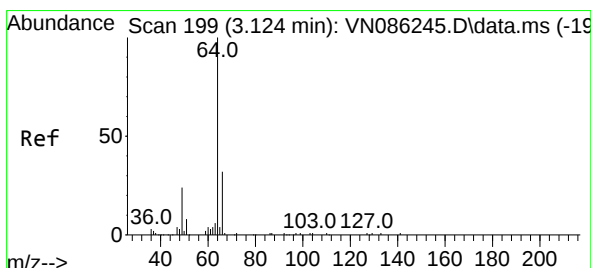
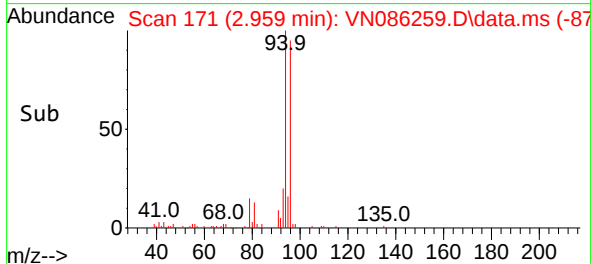
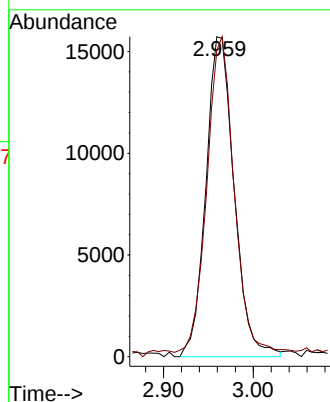
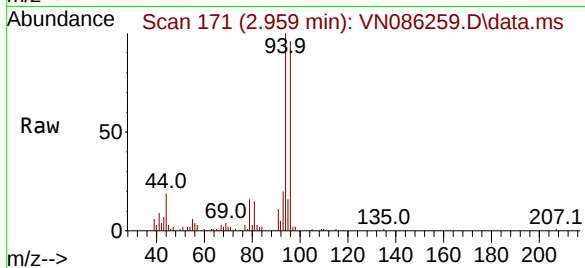




#5
Bromomethane
Concen: 18.133 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

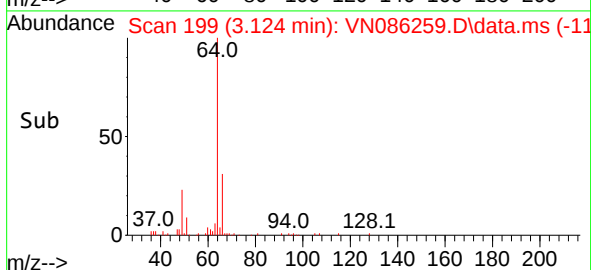
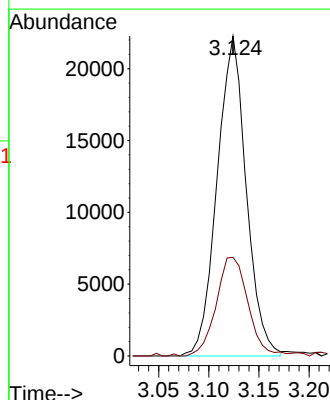
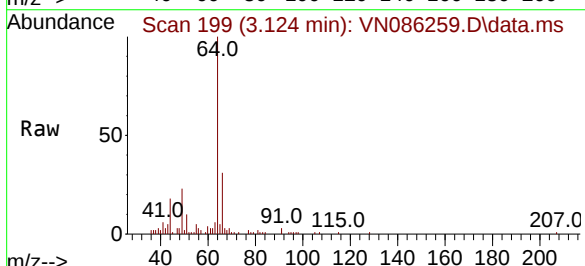
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ClientSampleId :
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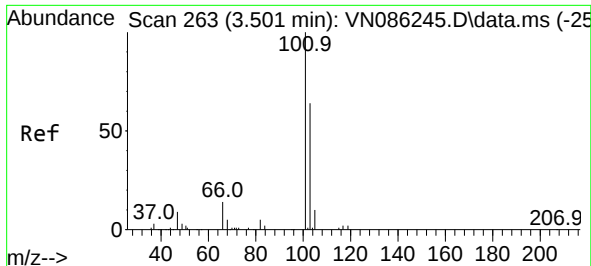
Tgt Ion: 94 Resp: 34406
Ion Ratio Lower Upper
94 100
96 93.8 72.2 108.2



#6
Chloroethane
Concen: 18.685 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 64 Resp: 44882
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5

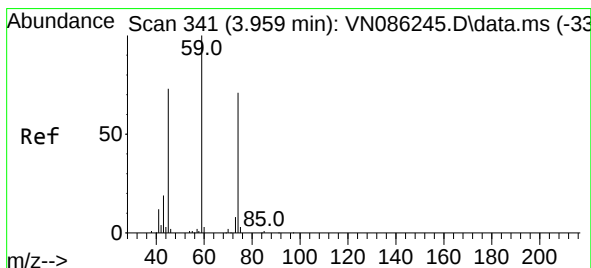
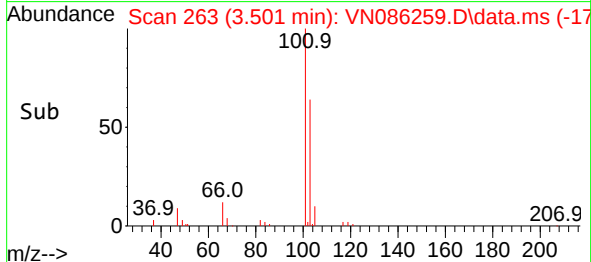
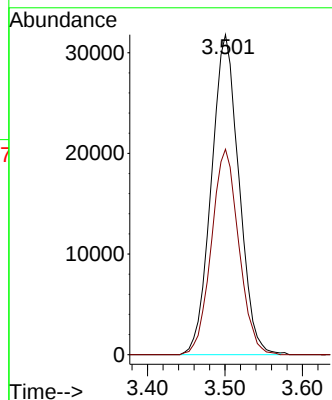
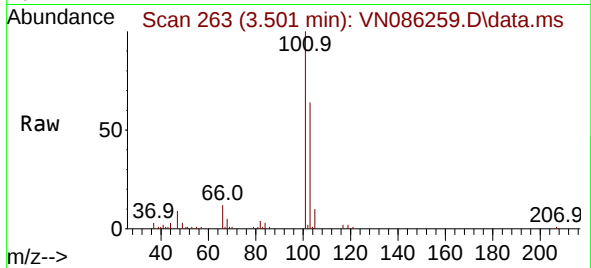




#7
 Trichlorofluoromethane
 Concen: 19.068 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086259.D
 Acq: 14 Apr 2025 11:03

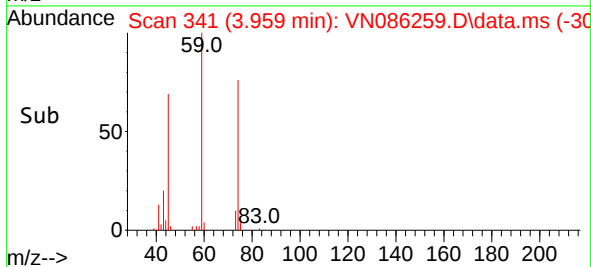
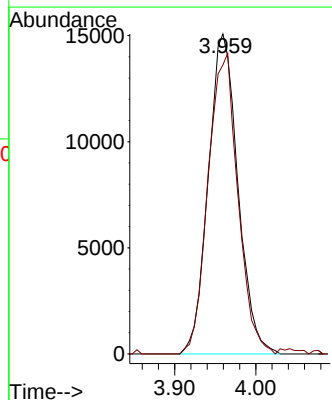
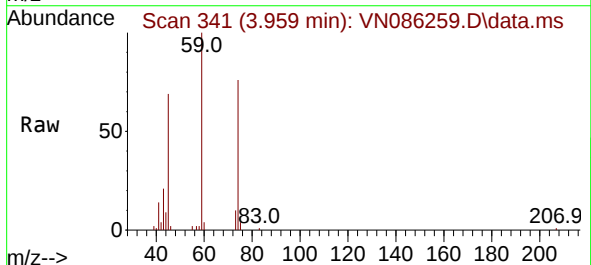
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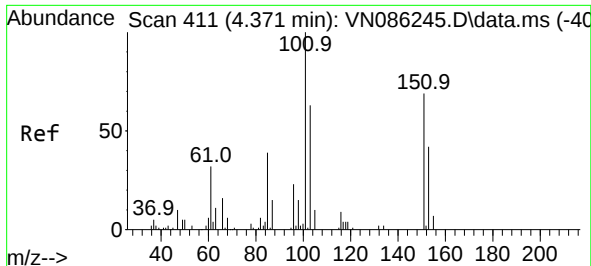
Tgt Ion:101 Resp: 78678
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8



#8
 Diethyl Ether
 Concen: 20.071 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086259.D
 Acq: 14 Apr 2025 11:03

Tgt Ion: 74 Resp: 38193
 Ion Ratio Lower Upper
 74 100
 45 94.4 19.2 173.2

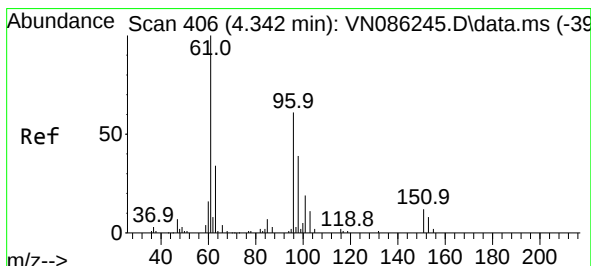
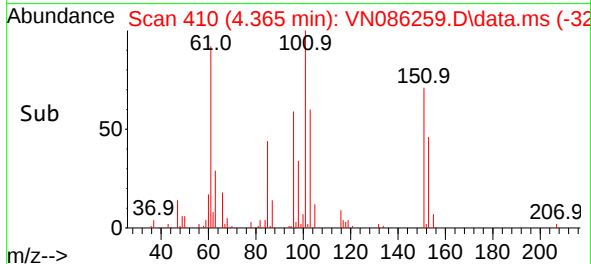
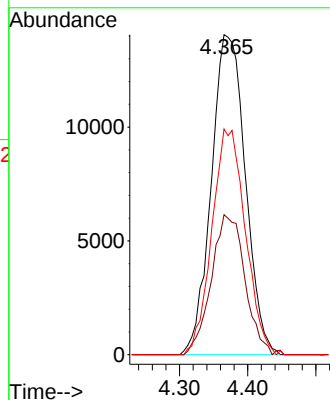
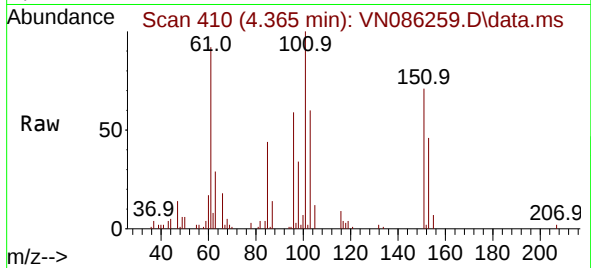




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.195 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

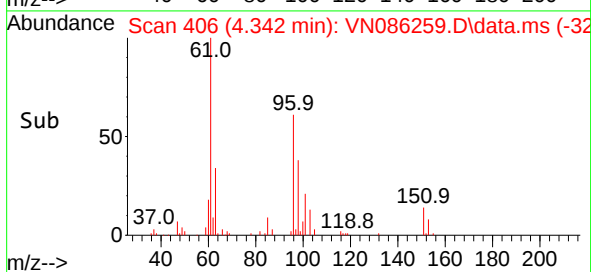
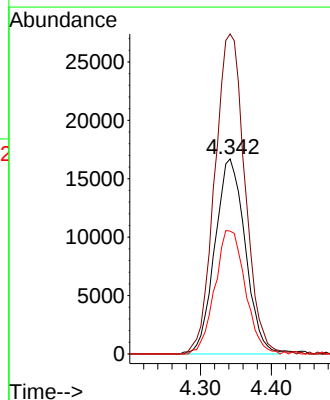
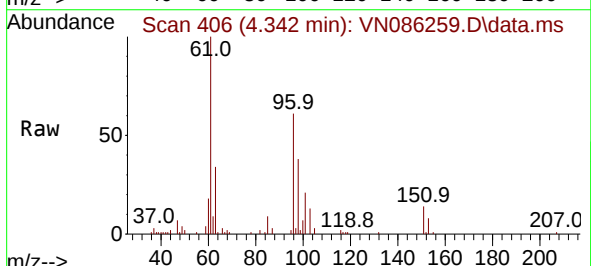
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

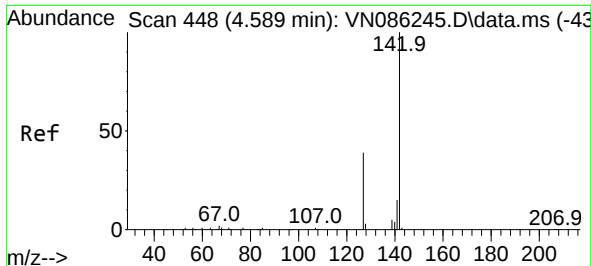
Tgt Ion:101 Resp: 48840
Ion Ratio Lower Upper
101 100
85 43.0 0.0 93.0
151 69.3 0.0 138.6



#10
1,1-Dichloroethene
Concen: 18.006 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 96 Resp: 49445
Ion Ratio Lower Upper
96 100
61 164.0 131.1 196.7
98 63.0 51.6 77.4

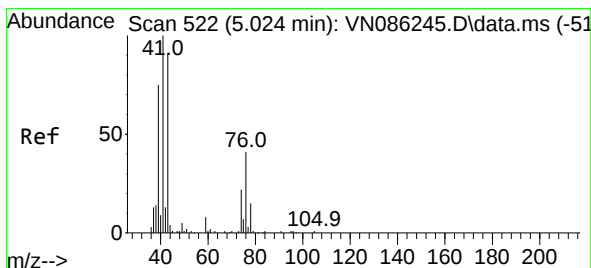
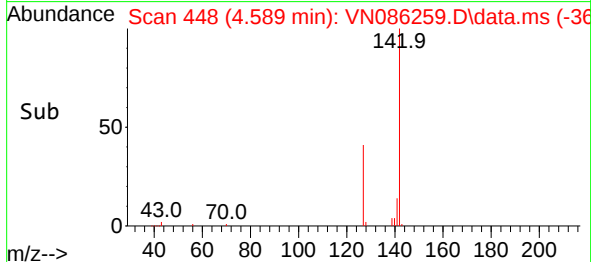
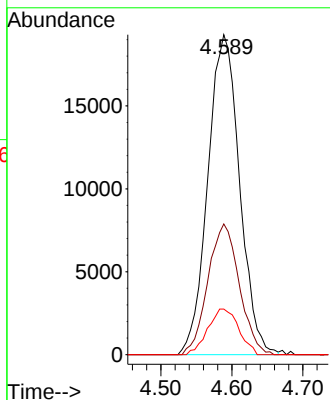
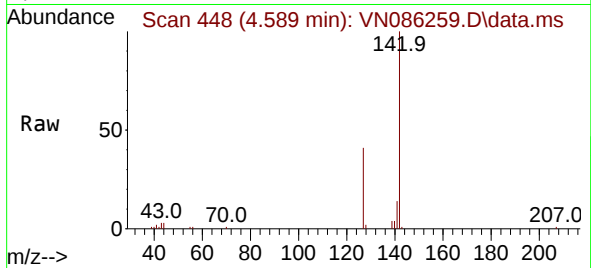




#11
Methyl Iodide
Concen: 18.980 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

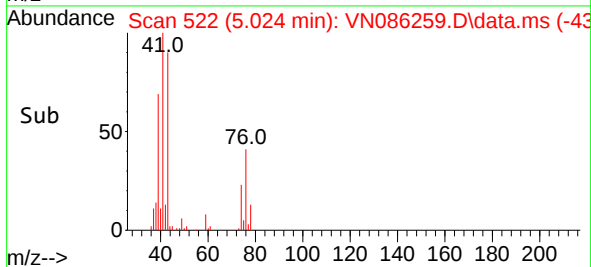
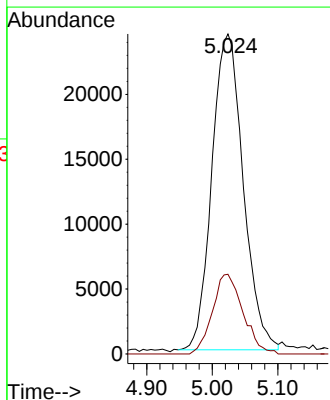
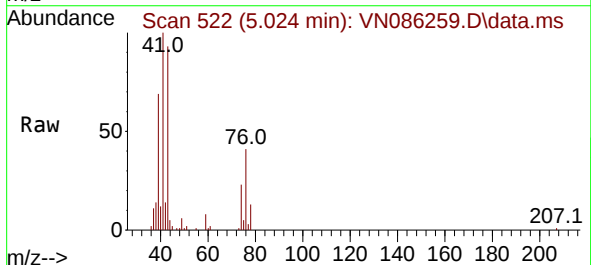
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

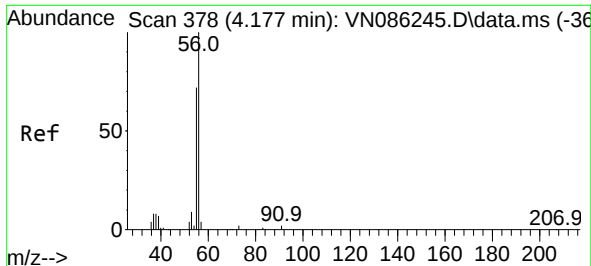
Tgt Ion:142 Resp: 59902
Ion Ratio Lower Upper
142 100
127 41.0 19.6 58.8
141 14.3 7.3 21.9



#12
Methyl Acetate
Concen: 20.830 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 43 Resp: 80774
Ion Ratio Lower Upper
43 100
74 25.5 19.1 28.7

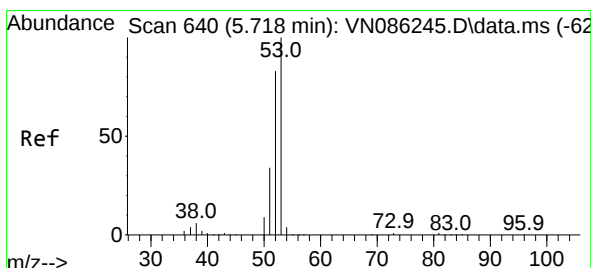
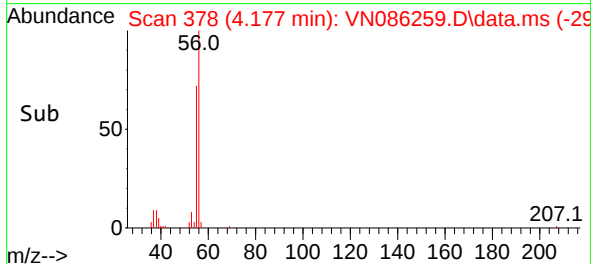
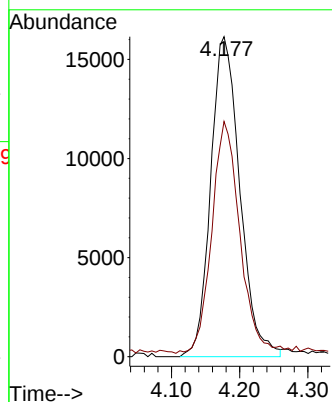
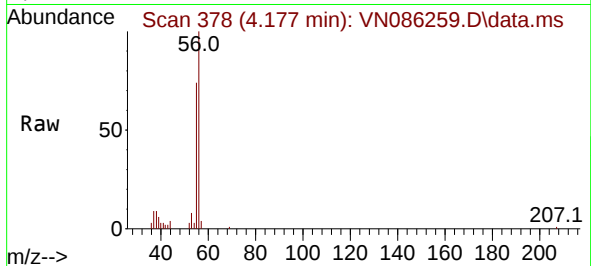




#13
Acrolein
Concen: 109.048 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

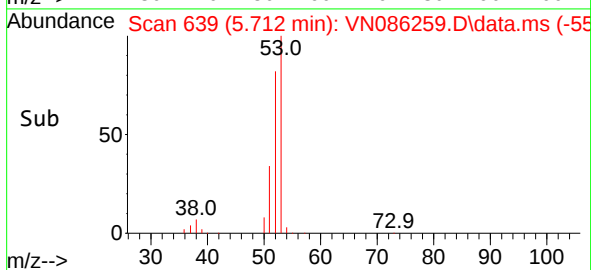
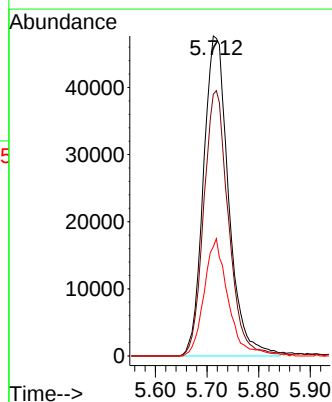
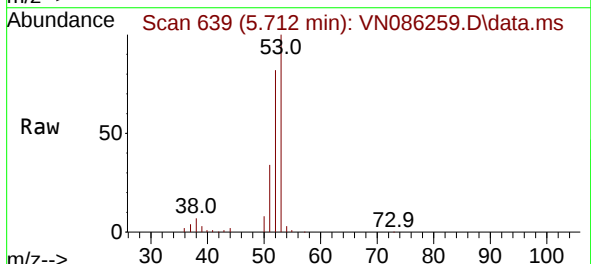
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

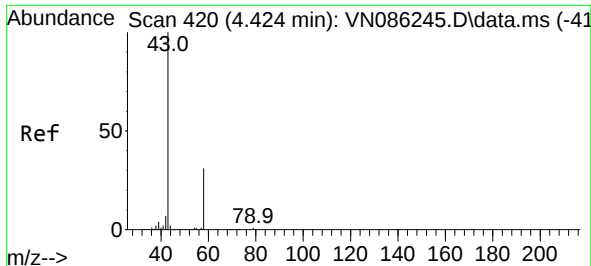
Tgt Ion: 56 Resp: 48066
Ion Ratio Lower Upper
56 100
55 67.7 56.5 84.7



#14
Acrylonitrile
Concen: 98.458 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 53 Resp: 161179
Ion Ratio Lower Upper
53 100
52 80.3 40.2 120.6
51 34.1 17.5 52.6

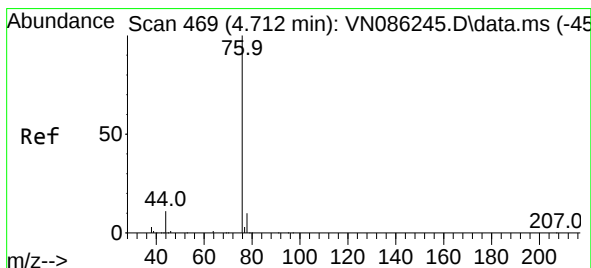
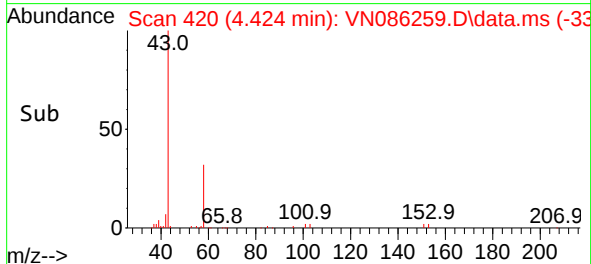
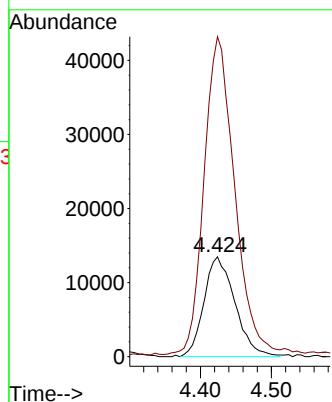
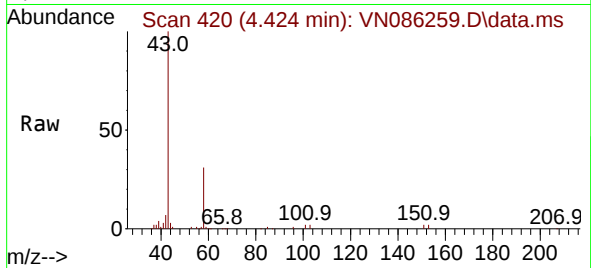




#15
Acetone
Concen: 98.522 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

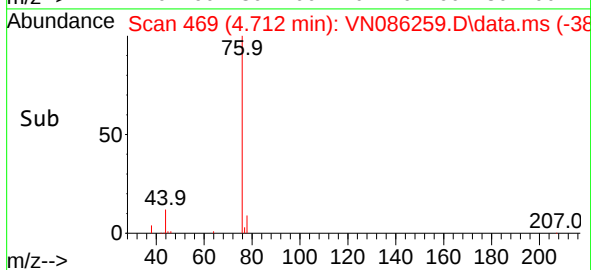
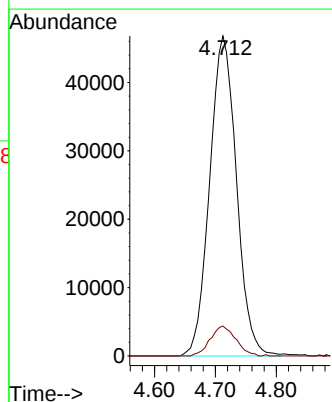
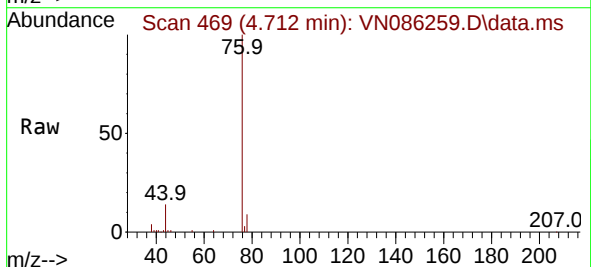
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

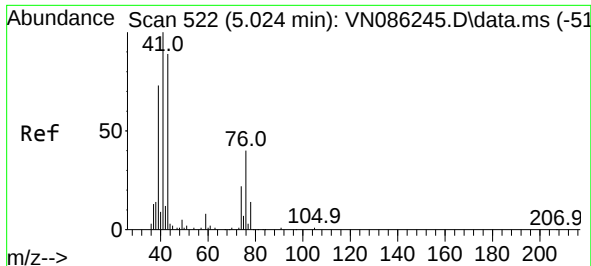
Tgt Ion: 58 Resp: 40894
Ion Ratio Lower Upper
58 100
43 314.5 261.8 392.8



#16
Carbon Disulfide
Concen: 18.153 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 76 Resp: 142937
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

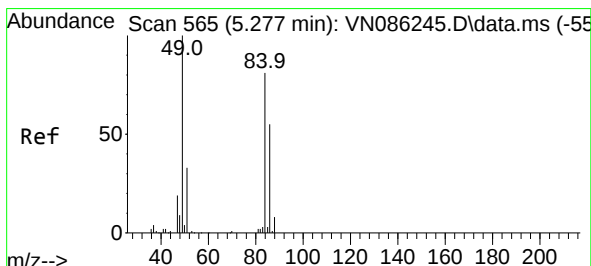
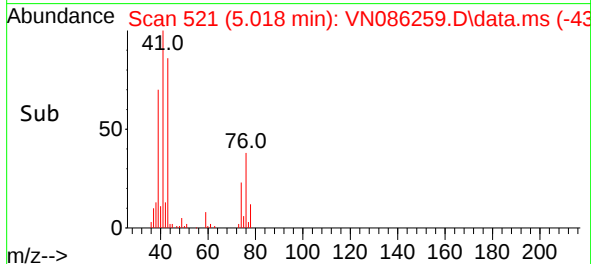
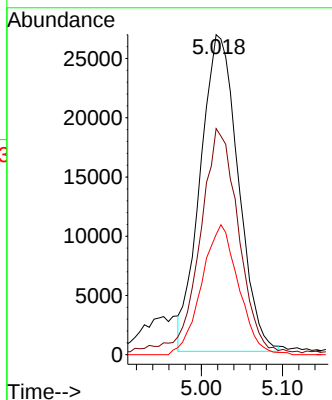
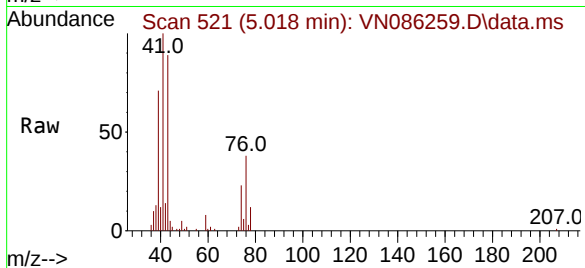




#17
Allyl chloride
Concen: 18.150 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

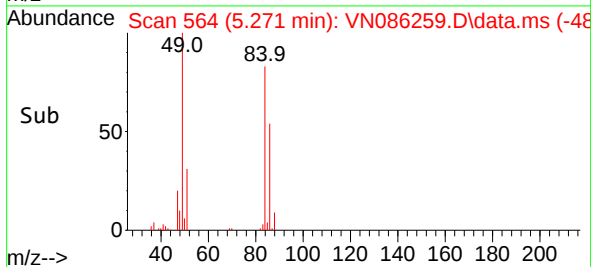
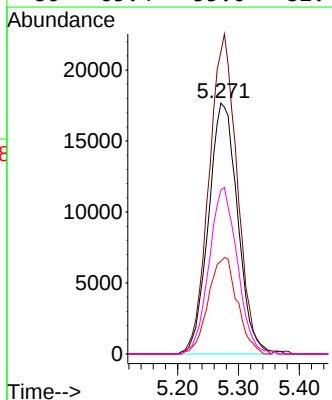
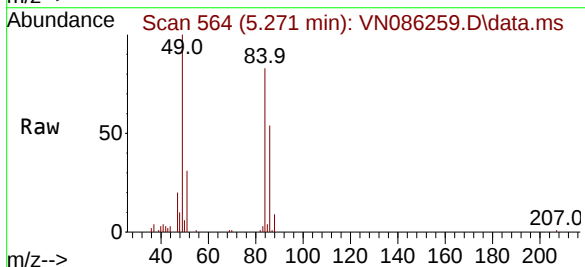
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

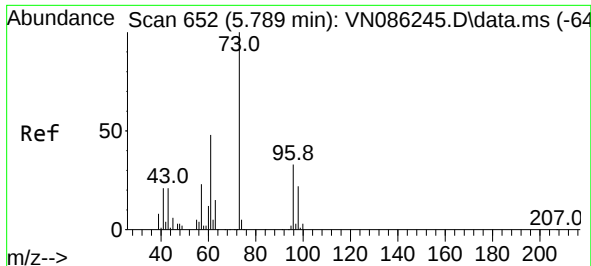
Tgt Ion:	41	Resp:	86865
Ion	Ratio	Lower	Upper
41	100		
39	71.2	34.4	103.2
76	37.8	18.8	56.3



#18
Methylene Chloride
Concen: 18.757 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:	84	Resp:	58725
Ion	Ratio	Lower	Upper
84	100		
49	120.5	99.1	148.7
51	37.0	32.3	48.5
86	65.4	55.0	82.4

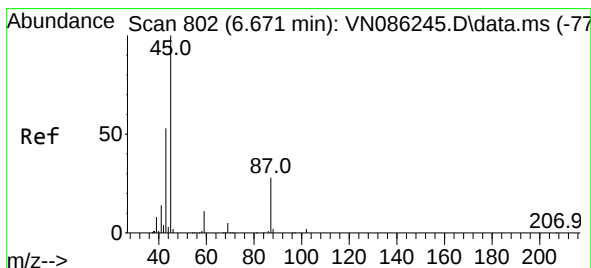
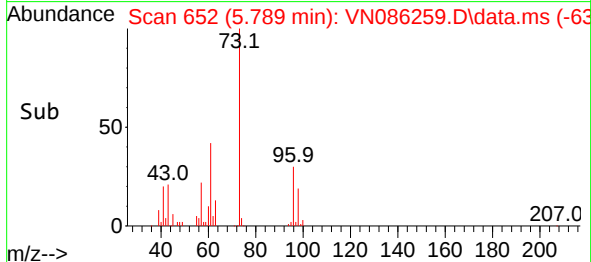
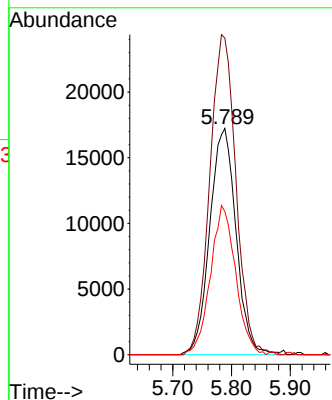
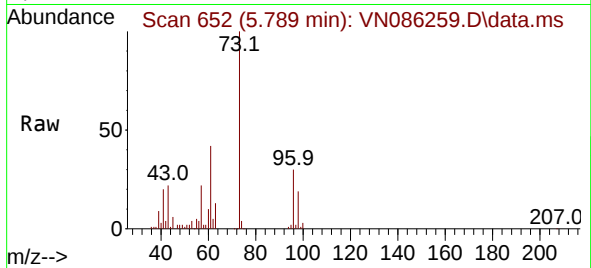




#19
trans-1,2-Dichloroethene
Concen: 18.520 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

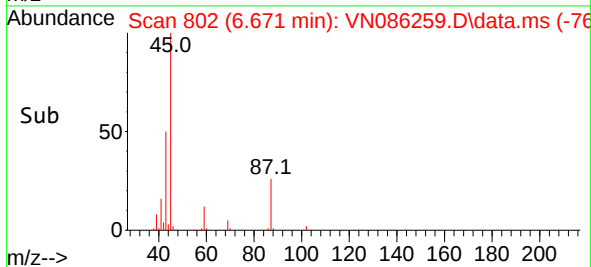
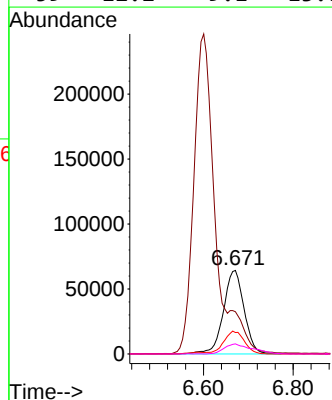
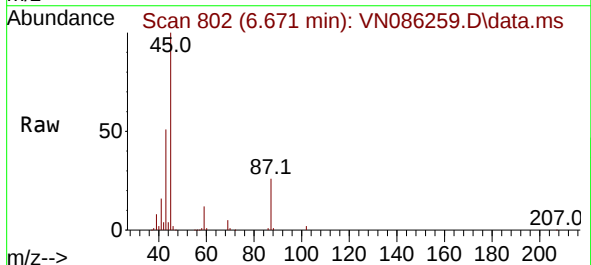
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

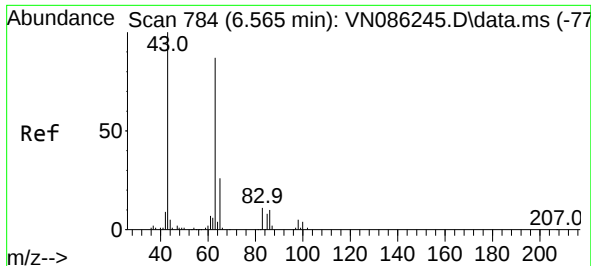
Tgt Ion: 96 Resp: 53567
Ion Ratio Lower Upper
96 100
61 140.0 115.9 173.9
98 63.3 52.1 78.1



#20
Diisopropyl ether
Concen: 20.060 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 45 Resp: 206398
Ion Ratio Lower Upper
45 100
43 49.2 42.3 63.5
87 25.6 22.2 33.4
59 12.2 9.1 13.7

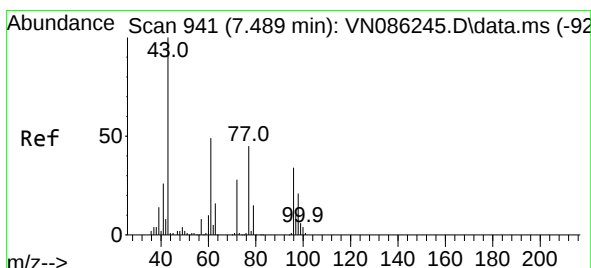
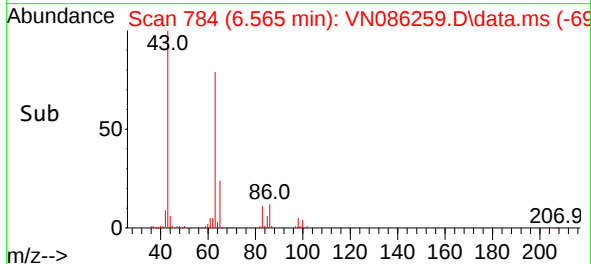
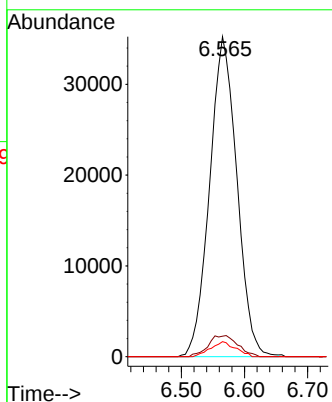
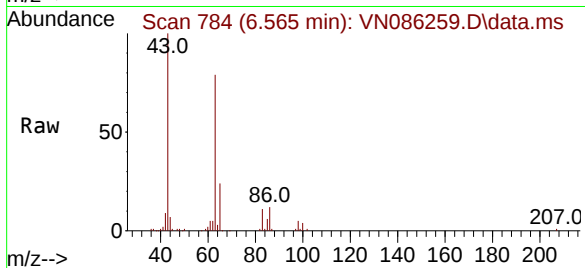




#21
1,1-Dichloroethane
Concen: 19.237 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

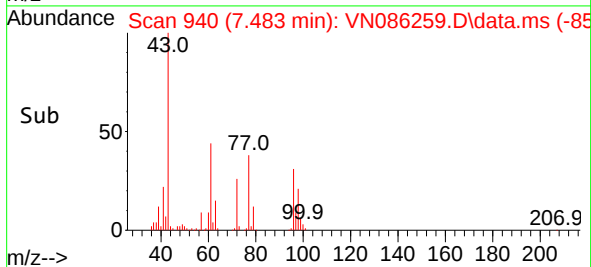
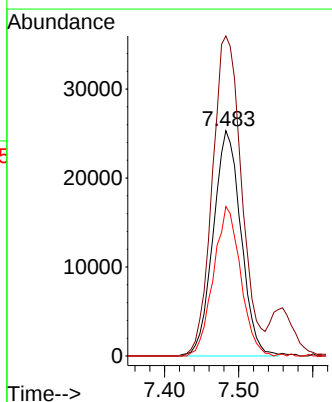
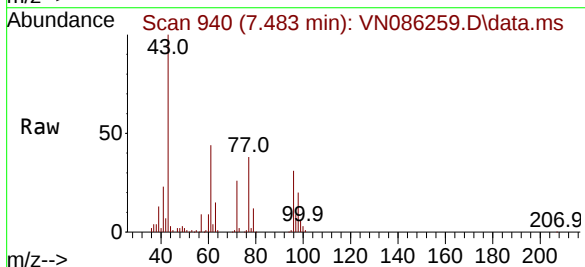
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

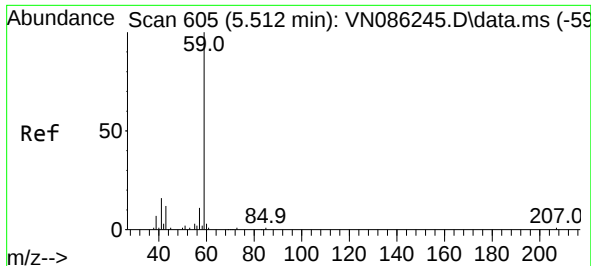
Tgt Ion: 63 Resp: 105602
Ion Ratio Lower Upper
63 100
98 6.4 3.1 9.3
100 4.7 2.3 6.9



#22
cis-1,2-Dichloroethene
Concen: 19.121 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 96 Resp: 65882
Ion Ratio Lower Upper
96 100
61 149.9 119.5 179.3
98 64.7 51.0 76.6

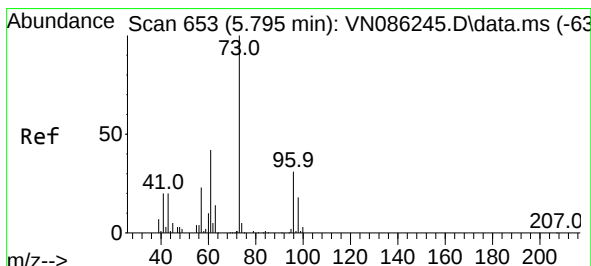
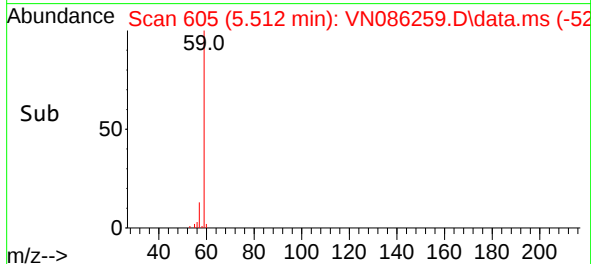
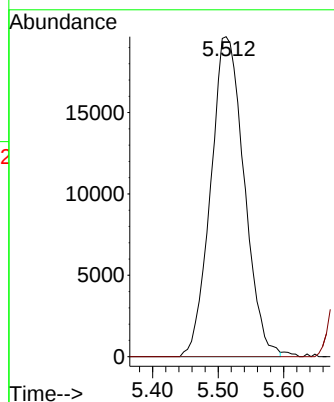
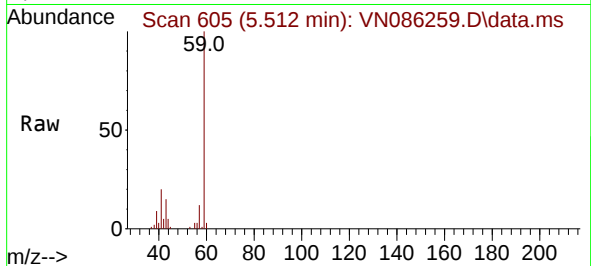




#23
tert-Butyl Alcohol
Concen: 102.708 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

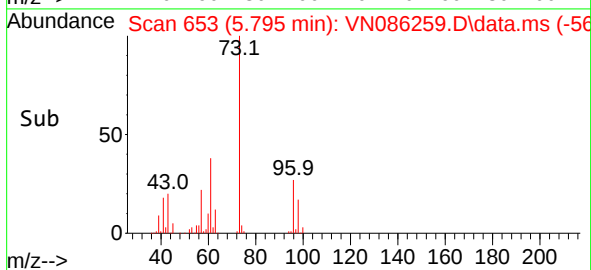
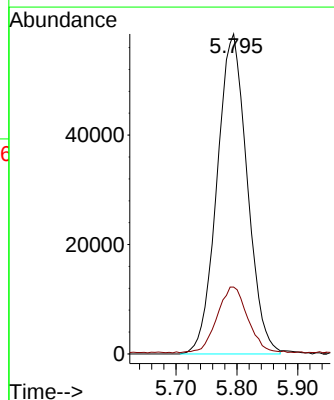
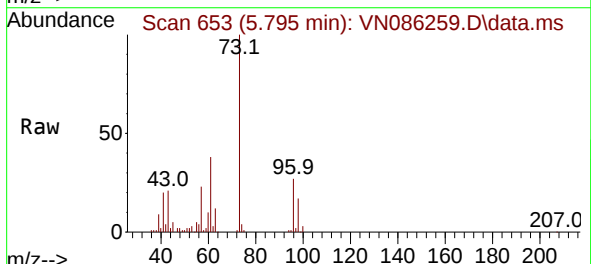
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

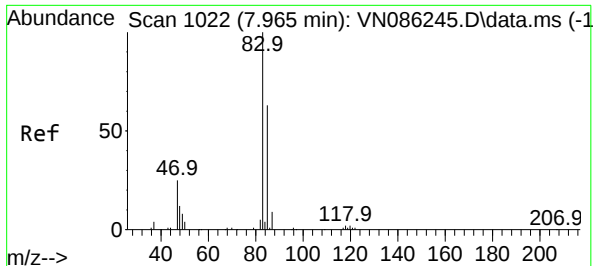
Tgt Ion: 59 Resp: 69667
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.306 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 73 Resp: 201225
Ion Ratio Lower Upper
73 100
43 20.7 16.8 25.2





#25

Chloroform

Concen: 19.837 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

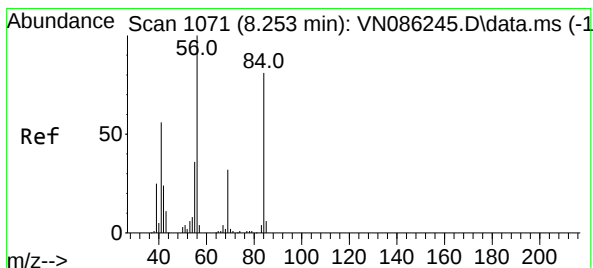
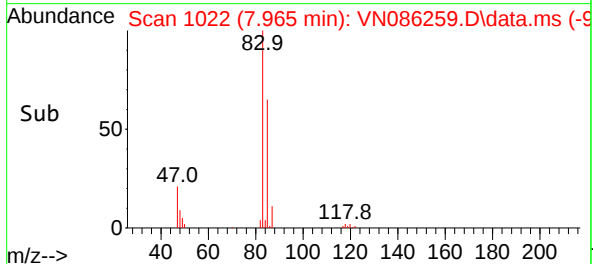
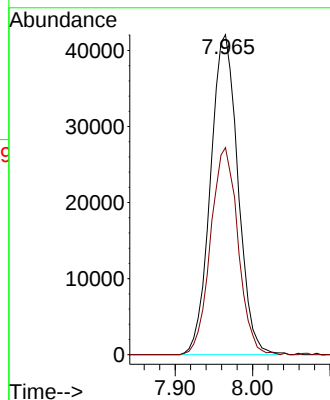
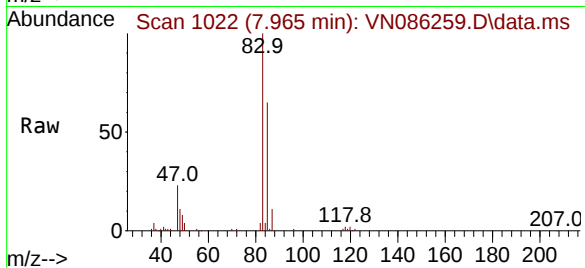
VN0414WBSD01

Tgt Ion: 83 Resp: 103843

Ion Ratio Lower Upper

83 100

85 64.7 50.5 75.7



#26

Cyclohexane

Concen: 18.579 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

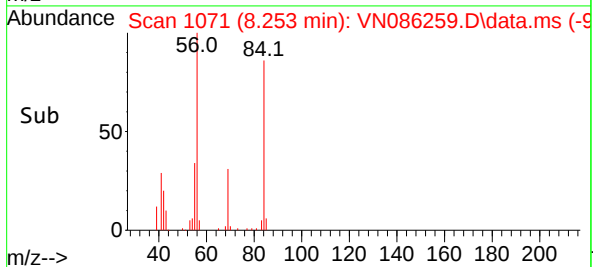
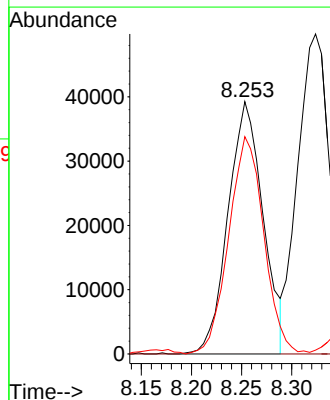
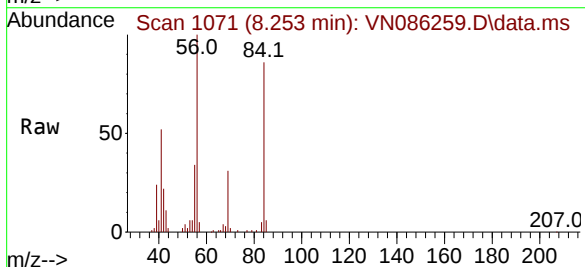
Tgt Ion: 56 Resp: 95417

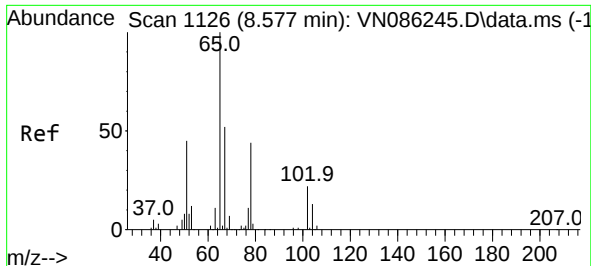
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.4 69.0 103.4

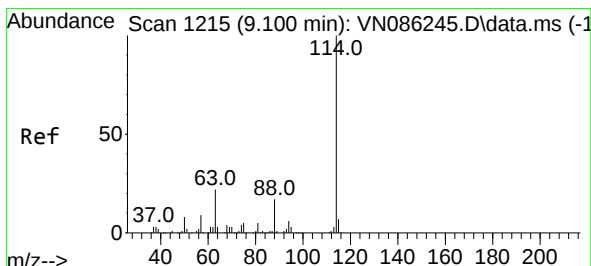
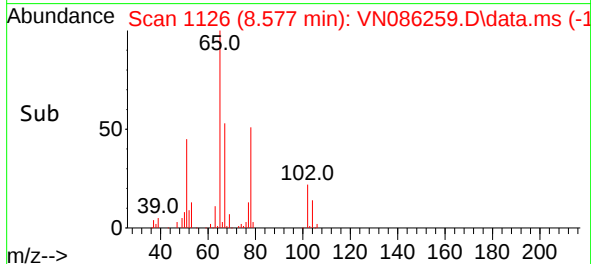
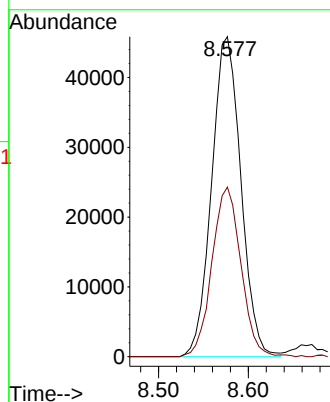
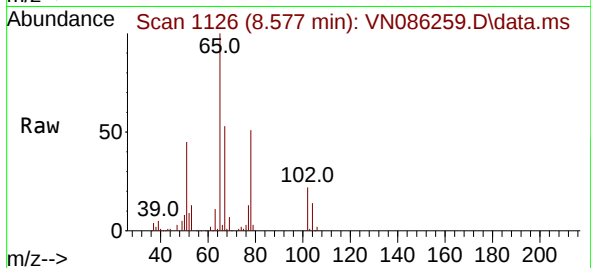




#27
1,2-Dichloroethane-d4
Concen: 29.537 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

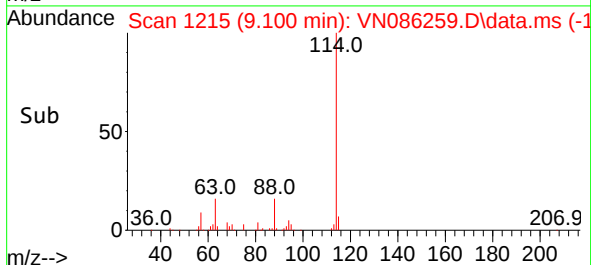
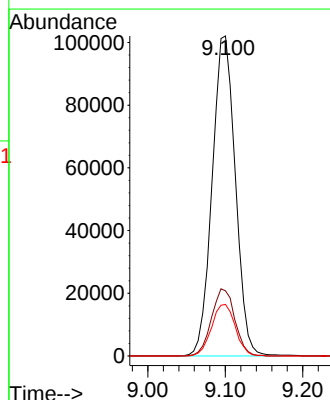
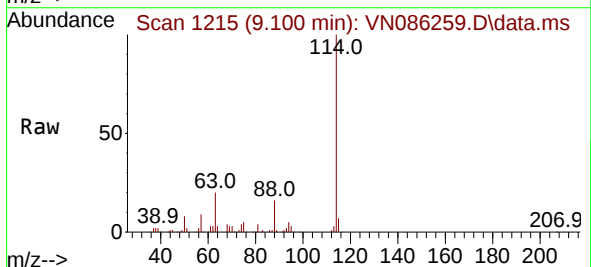
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

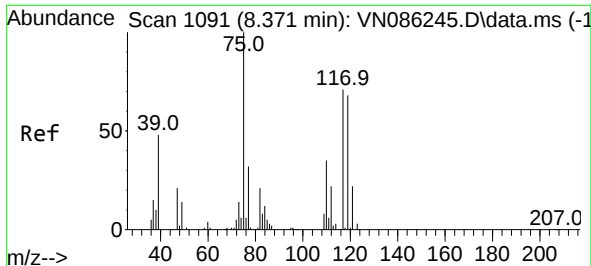
Tgt Ion: 65 Resp: 103894
Ion Ratio Lower Upper
65 100
67 52.2 43.4 65.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 114 Resp: 212146
Ion Ratio Lower Upper
114 100
63 21.1 17.8 26.6
88 16.5 13.4 20.2

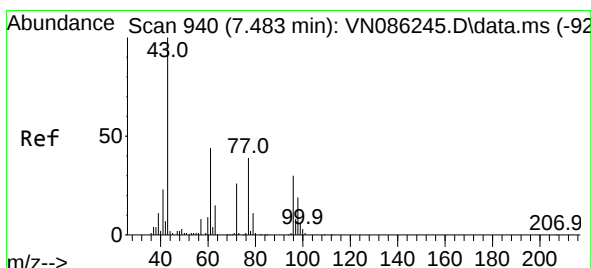
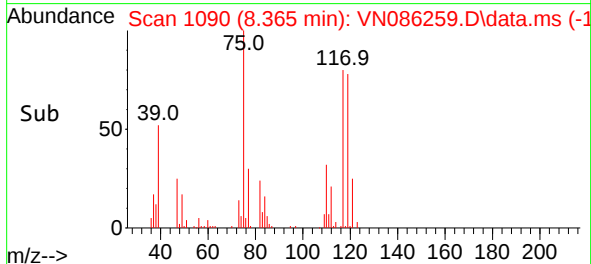
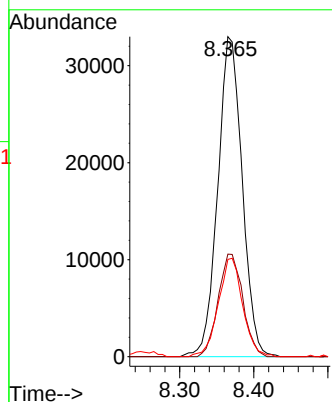
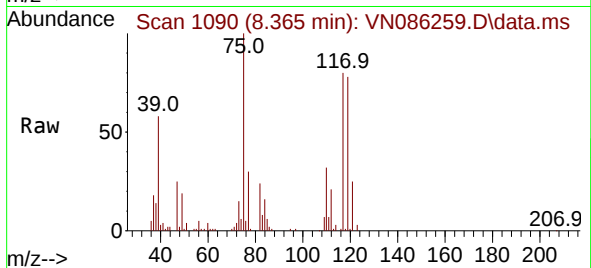




#29
1,1-Dichloropropene
Concen: 19.873 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

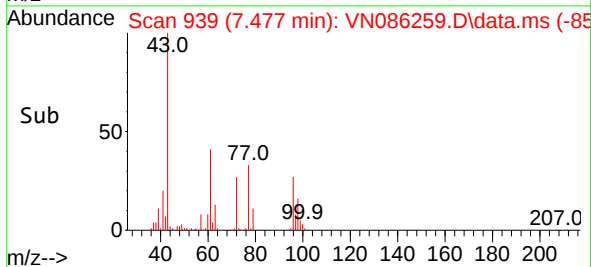
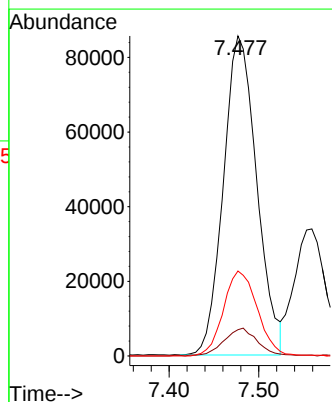
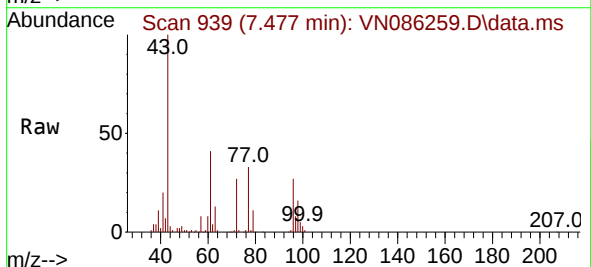
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

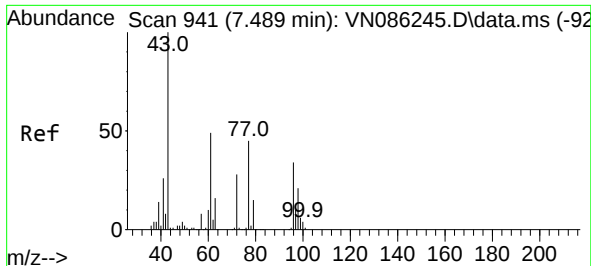
Tgt Ion: 75 Resp: 75526
Ion Ratio Lower Upper
75 100
110 32.2 0.0 68.6
77 30.7 0.0 63.8



#30
2-Butanone
Concen: 104.878 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 43 Resp: 220855
Ion Ratio Lower Upper
43 100
57 8.7 6.4 9.6
72 27.1 21.5 32.3

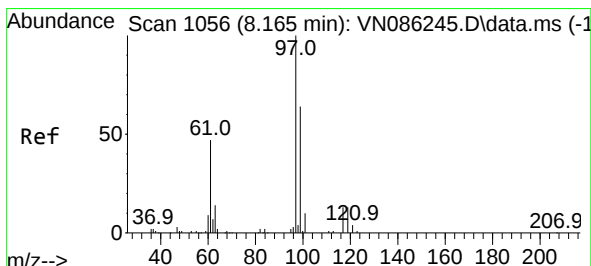
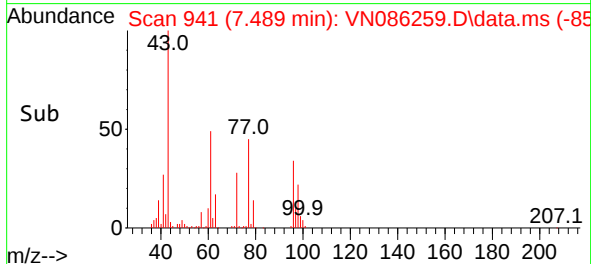
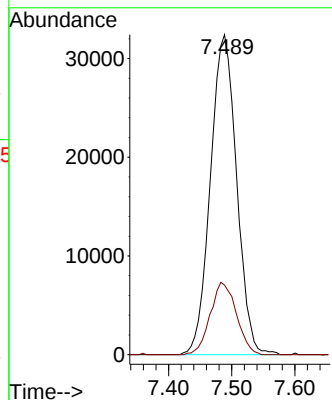
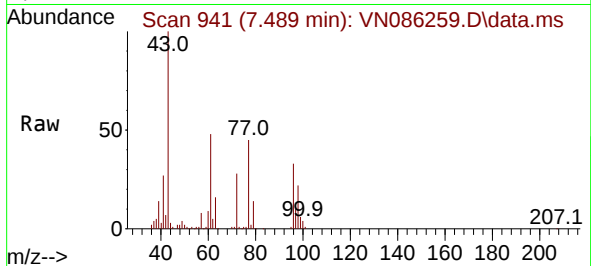




#31
2,2-Dichloropropane
Concen: 20.000 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

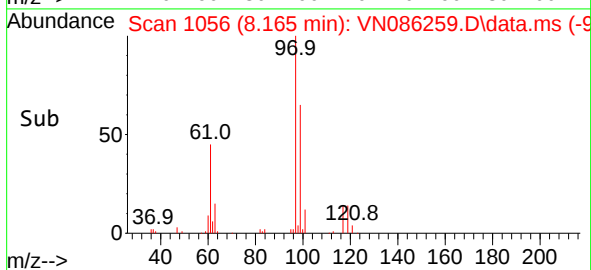
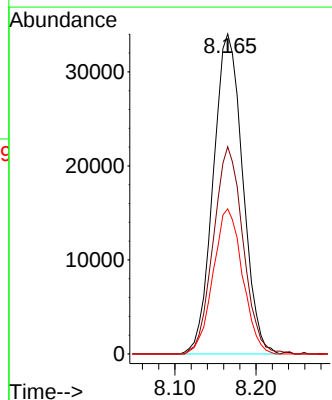
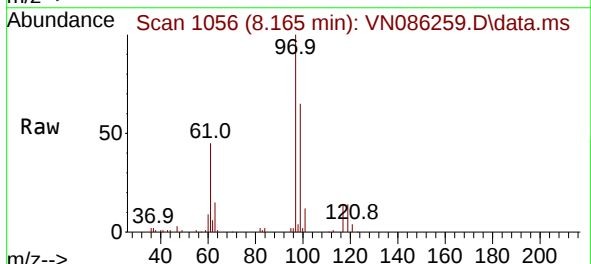
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

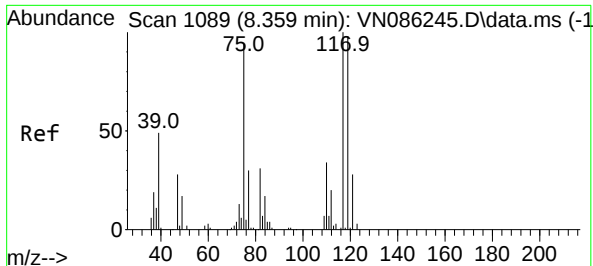
Tgt Ion: 77 Resp: 93559
Ion Ratio Lower Upper
77 100
97 22.5 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 19.614 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 97 Resp: 85744
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.2
61 45.3 37.0 55.6

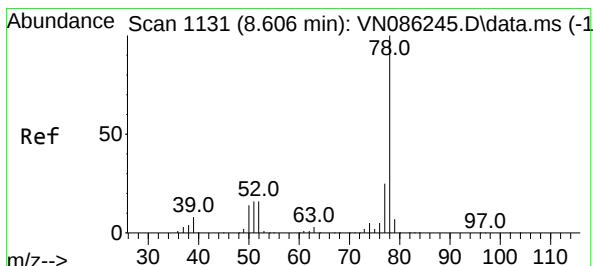
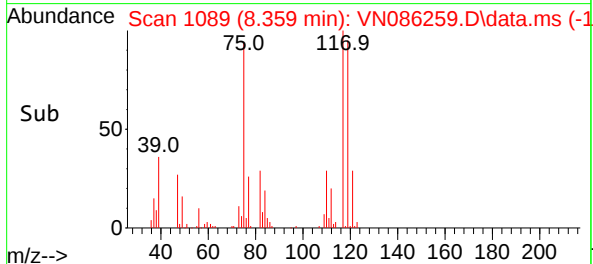
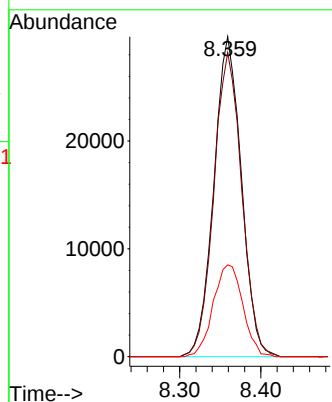
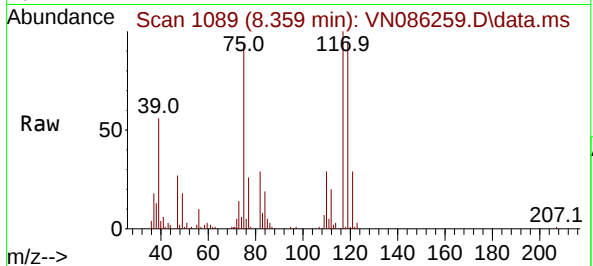




#33
Carbon Tetrachloride
Concen: 20.005 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

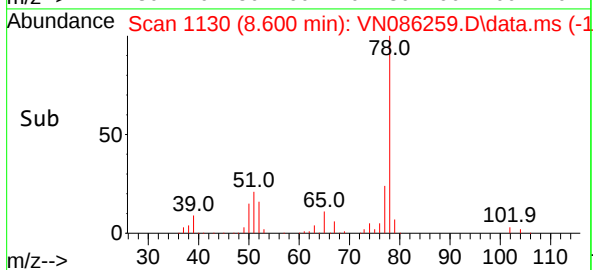
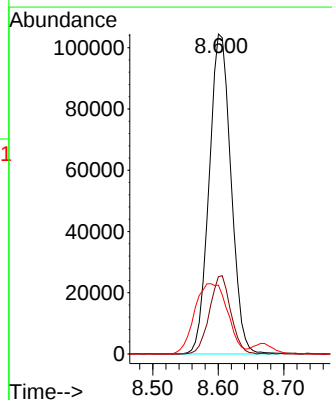
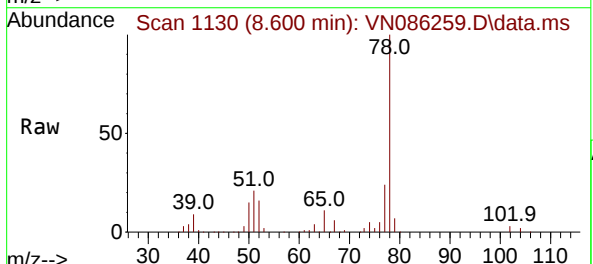
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

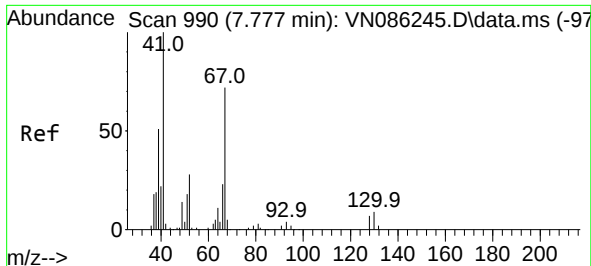
Tgt Ion:117 Resp: 69889
Ion Ratio Lower Upper
117 100
119 95.0 78.3 117.5
121 28.7 22.5 33.7



#34
Benzene
Concen: 20.046 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 78 Resp: 242368
Ion Ratio Lower Upper
78 100
77 24.2 20.0 30.0
51 20.7 12.9 19.3#

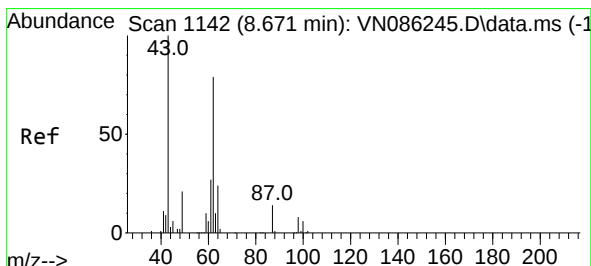
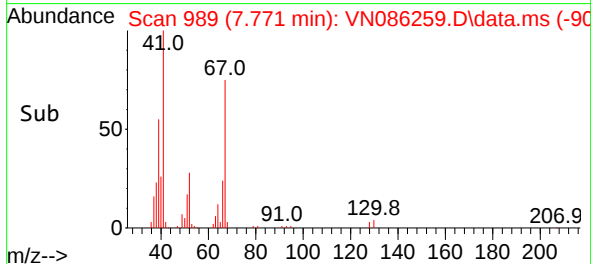
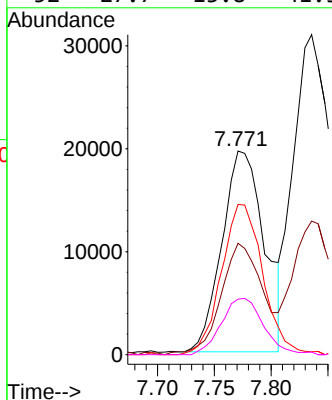
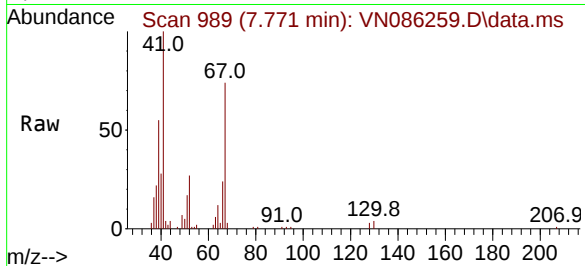




#35
Methacrylonitrile
Concen: 21.400 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

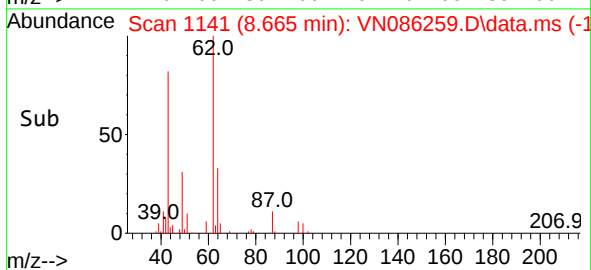
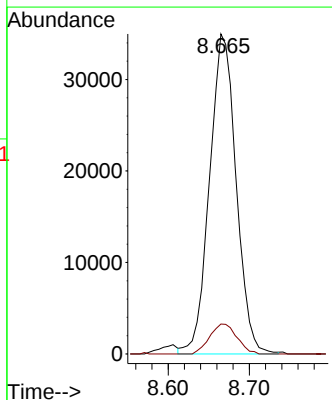
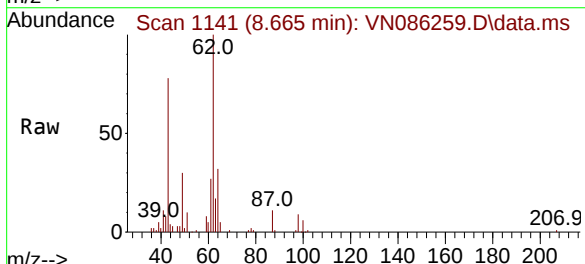
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

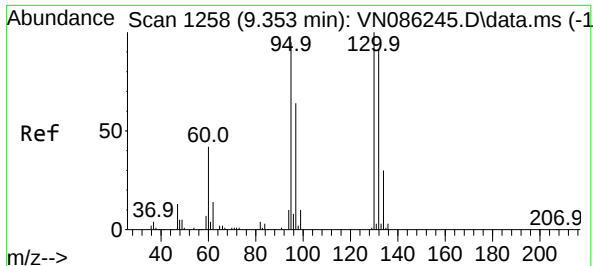
Tgt Ion: 41 Resp: 50804
Ion Ratio Lower Upper
41 100
39 54.0 25.8 77.3
67 74.8 36.0 108.0
52 27.7 13.8 41.3



#36
1,2-Dichloroethane
Concen: 21.045 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 62 Resp: 79625
Ion Ratio Lower Upper
62 100
98 9.6 8.6 12.8





#37

Trichloroethene

Concen: 20.246 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

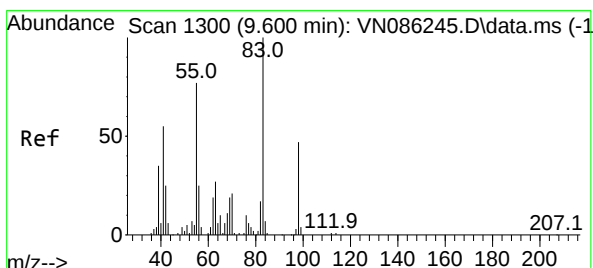
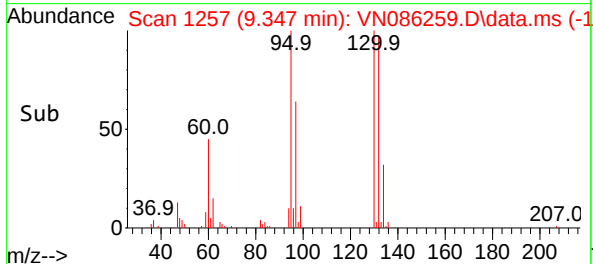
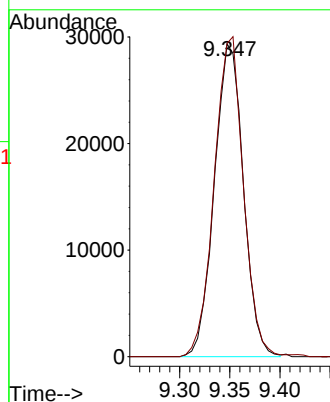
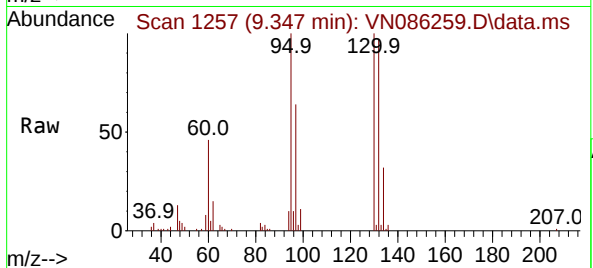
VN0414WBSD01

Tgt Ion:130 Resp: 59060

Ion Ratio Lower Upper

130 100

95 100.2 76.4 114.6



#38

Methylcyclohexane

Concen: 18.796 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

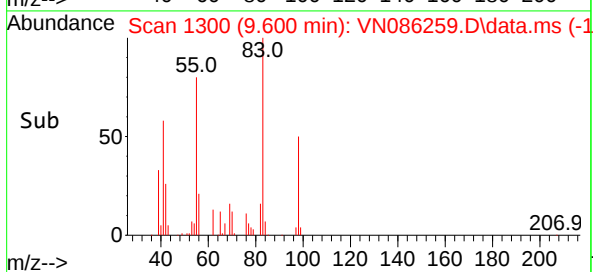
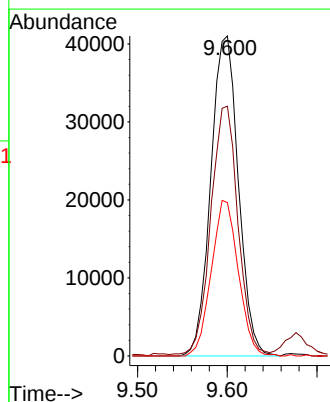
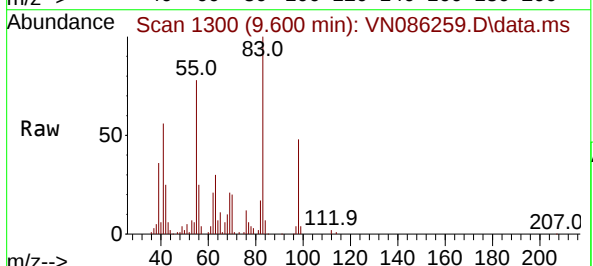
Tgt Ion: 83 Resp: 87606

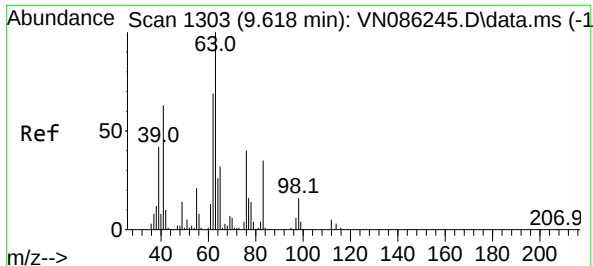
Ion Ratio Lower Upper

83 100

55 76.3 38.5 115.5

98 47.5 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.550 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

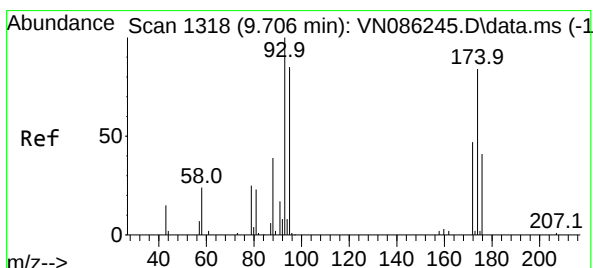
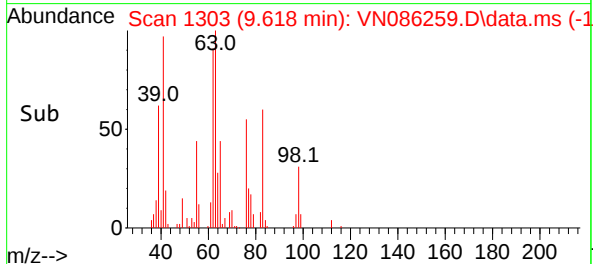
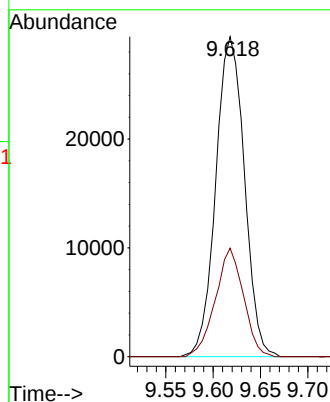
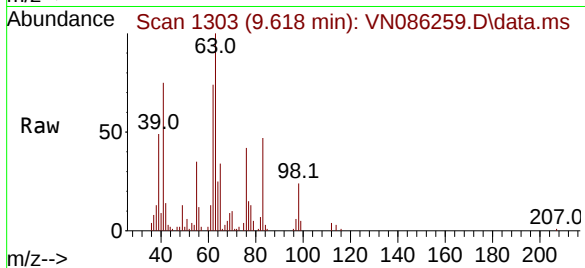
VN0414WBSD01

Tgt Ion: 63 Resp: 61825

Ion Ratio Lower Upper

63 100

65 33.9 26.0 39.0



#40

Dibromomethane

Concen: 20.905 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

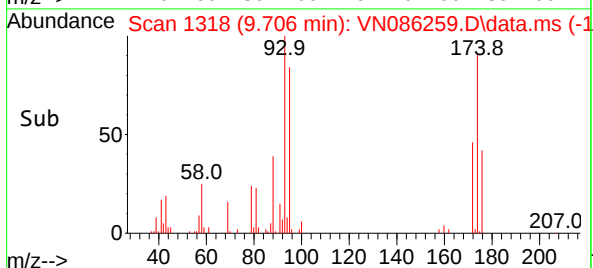
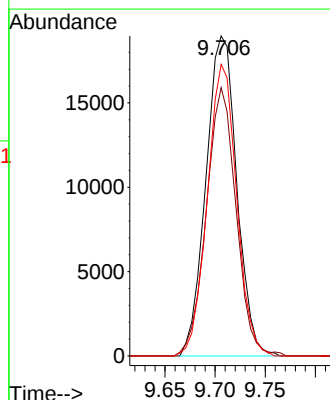
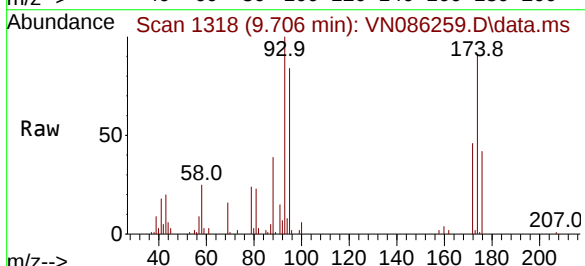
Tgt Ion: 93 Resp: 40620

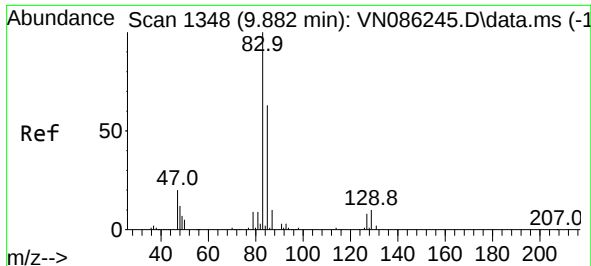
Ion Ratio Lower Upper

93 100

95 80.4 0.0 169.0

174 86.6 0.0 168.0

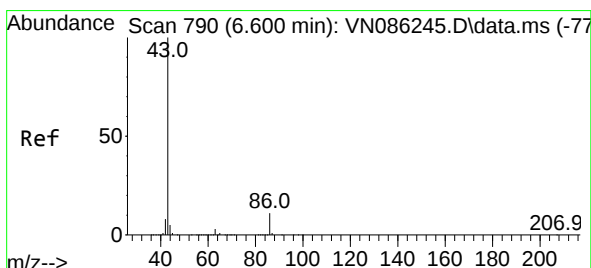
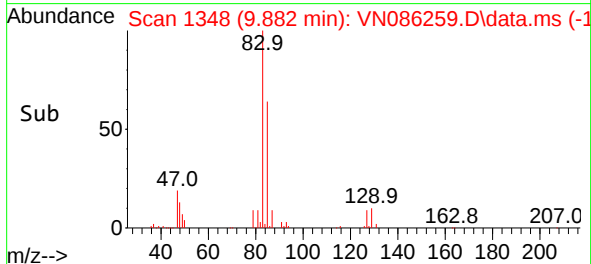
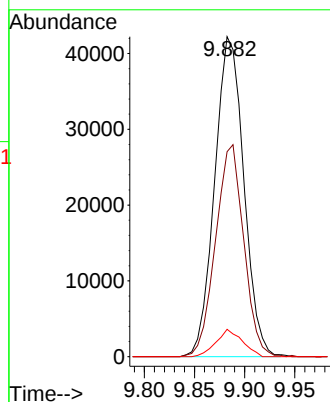
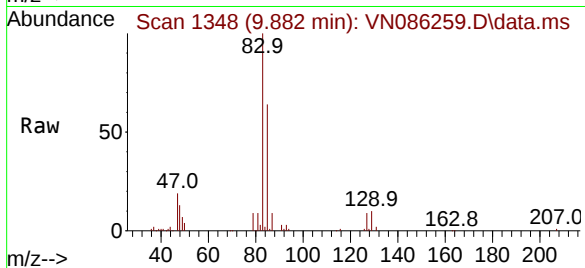




#41
Bromodichloromethane
Concen: 20.431 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

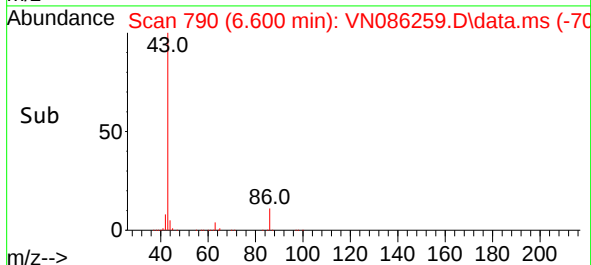
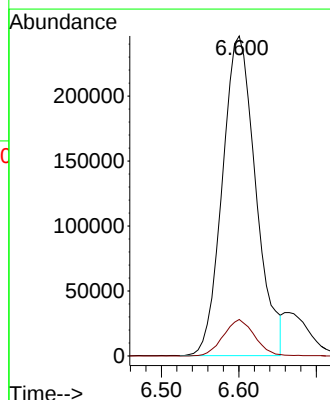
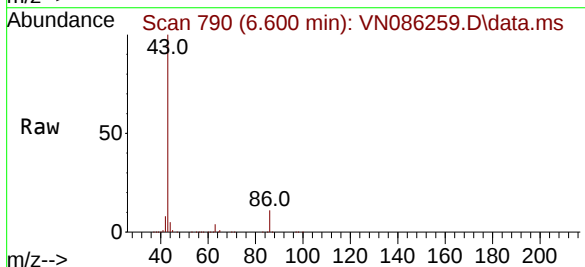
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

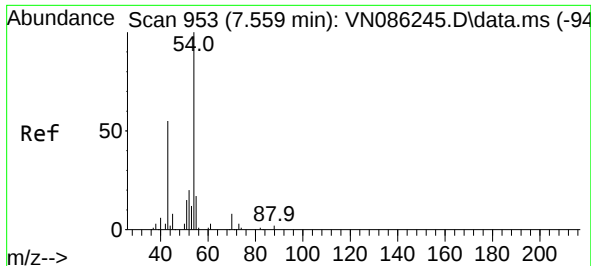
Tgt Ion: 83 Resp: 85287
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.2
127 8.6 6.2 9.4



#42
Vinyl Acetate
Concen: 103.000 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 43 Resp: 738325
Ion Ratio Lower Upper
43 100
86 10.7 8.4 12.6

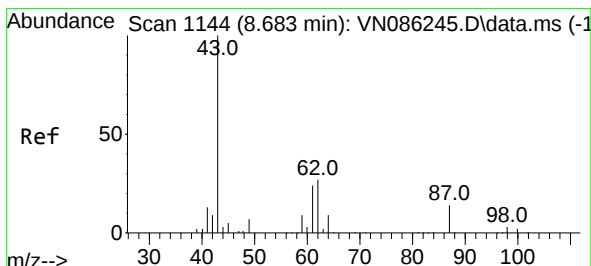
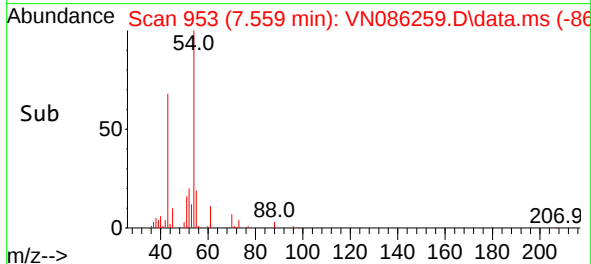
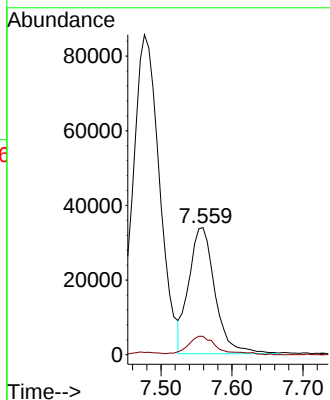
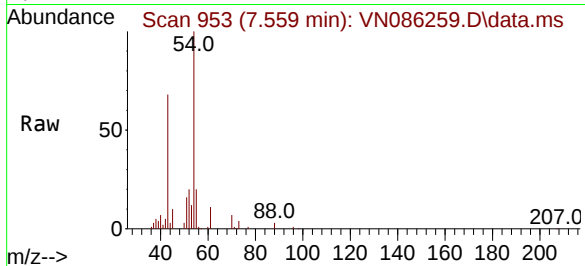




#43
Ethyl Acetate
Concen: 20.390 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

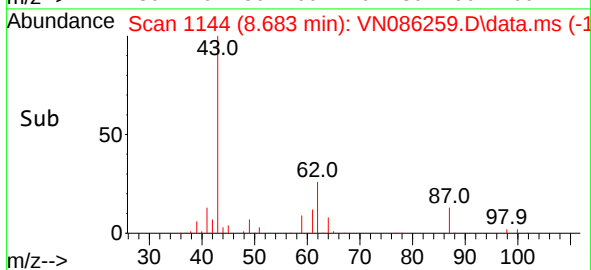
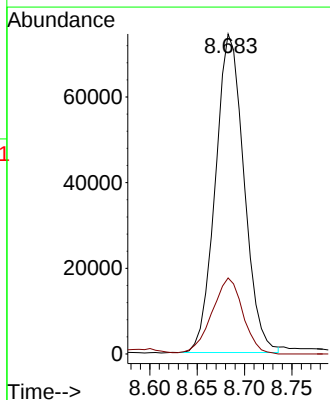
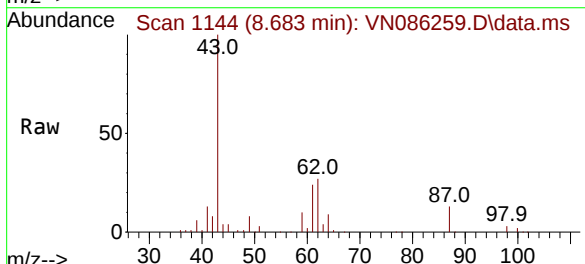
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

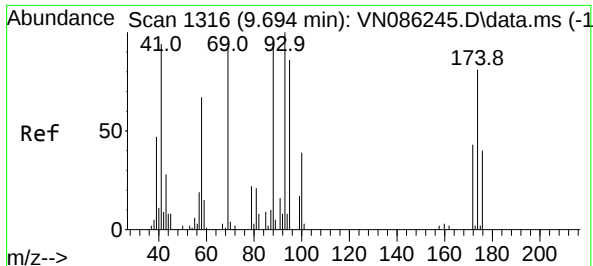
Tgt Ion: 43 Resp: 86606
Ion Ratio Lower Upper
43 100
45 15.2 11.2 16.8



#44
Isopropyl Acetate
Concen: 19.868 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 43 Resp: 156559
Ion Ratio Lower Upper
43 100
61 25.8 20.5 30.7

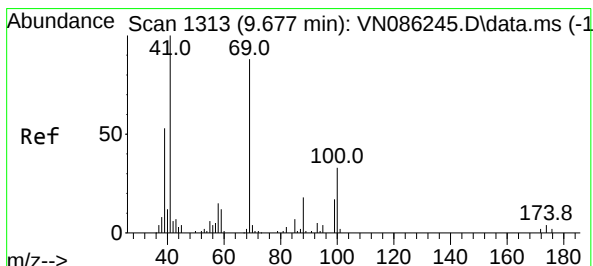
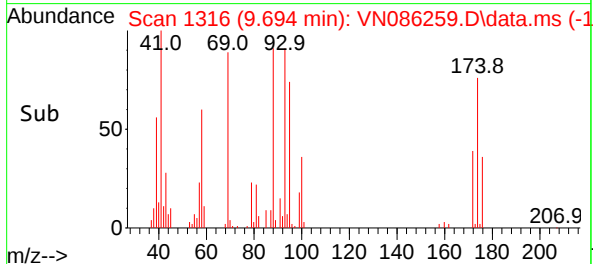
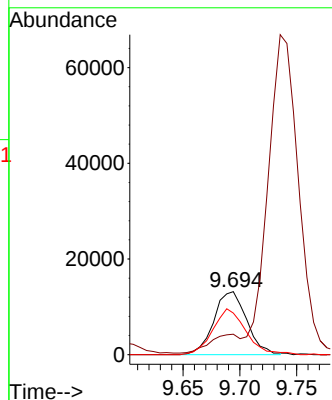
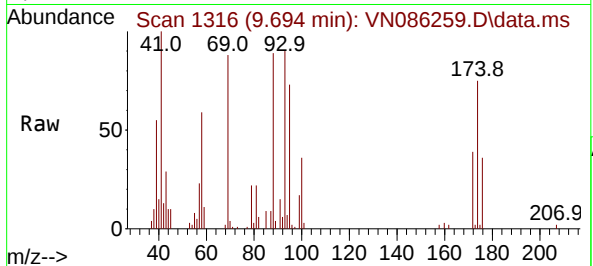




#45
1,4-Dioxane
Concen: 423.818 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

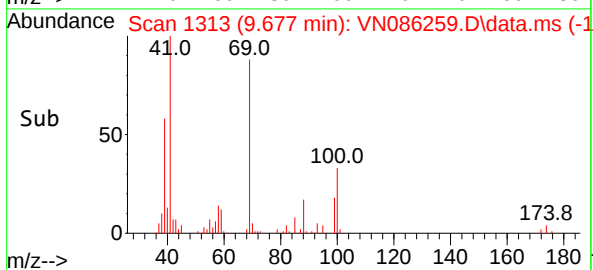
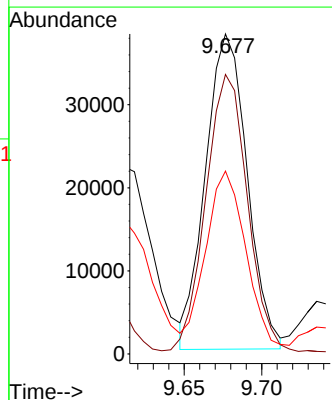
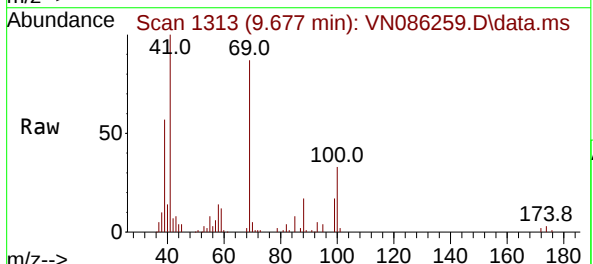
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

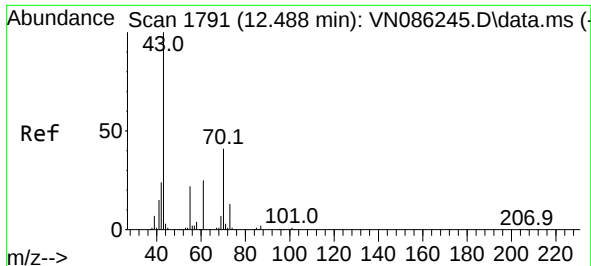
Tgt Ion: 88 Resp: 26556
Ion Ratio Lower Upper
88 100
43 27.2 14.4 21.6#
58 73.3 59.8 89.8



#46
Methyl methacrylate
Concen: 20.434 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 41 Resp: 70947
Ion Ratio Lower Upper
41 100
69 88.9 43.2 129.6
39 57.0 26.4 79.0

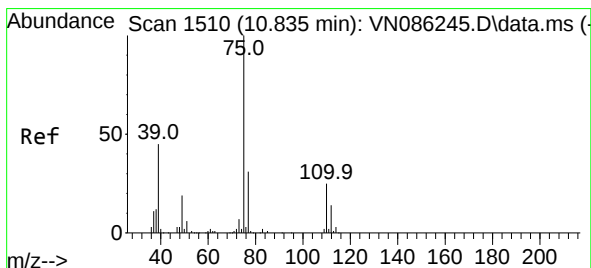
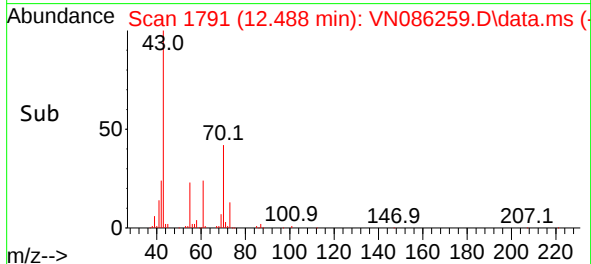
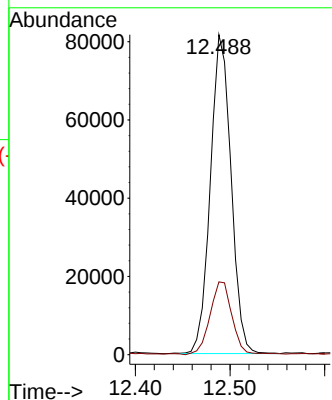
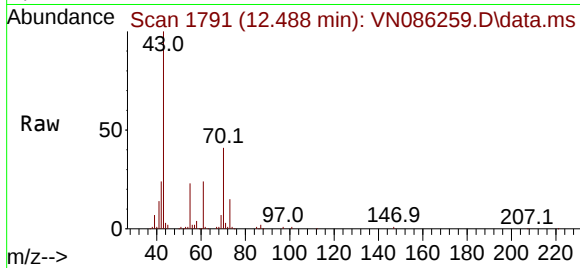




#47
n-amy1 Acetate
Concen: 19.779 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

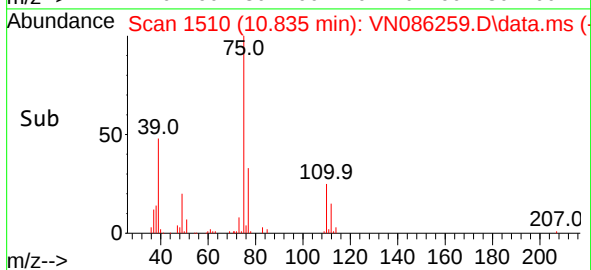
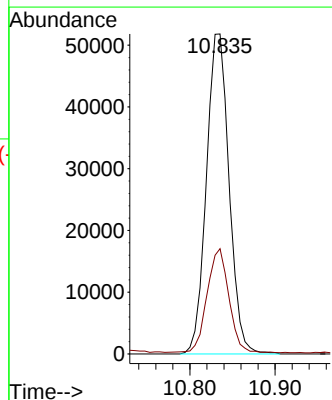
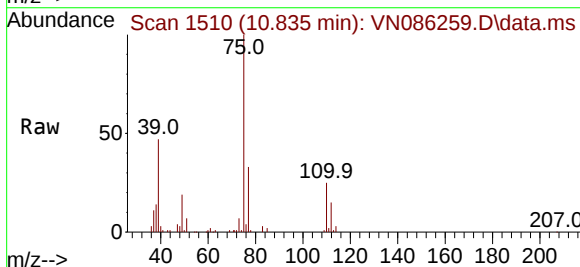
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

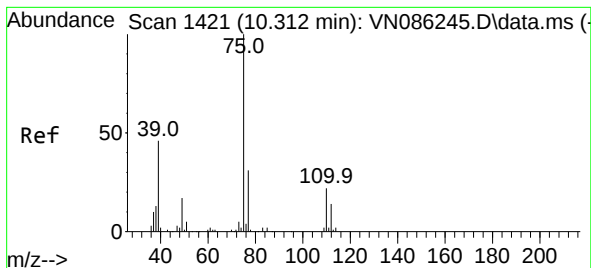
Tgt Ion: 43 Resp: 123569
Ion Ratio Lower Upper
43 100
55 24.4 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 20.344 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 75 Resp: 96008
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 20.829 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

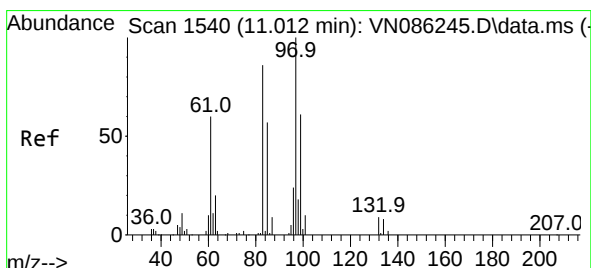
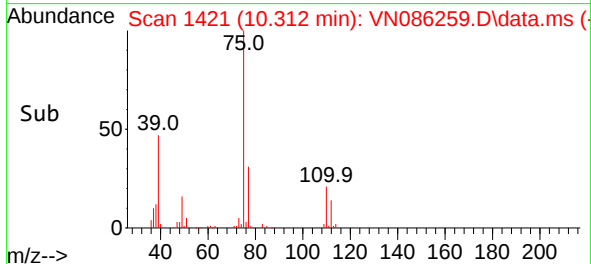
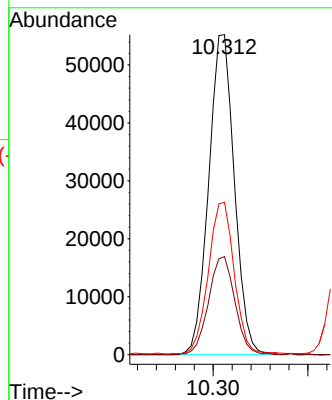
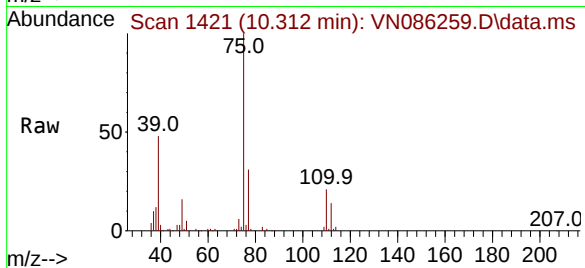
Tgt Ion: 75 Resp: 104035

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4

39 47.3 36.7 55.1



#50

1,1,2-Trichloroethane

Concen: 20.837 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Tgt Ion: 97 Resp: 56786

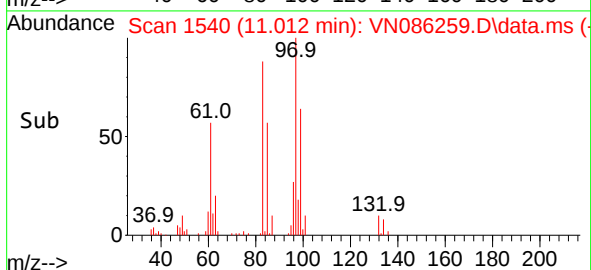
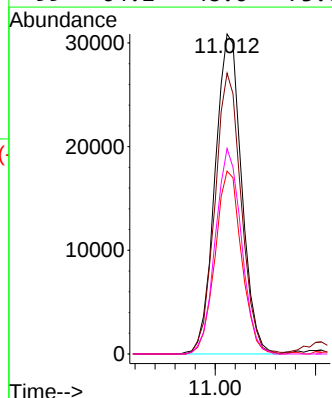
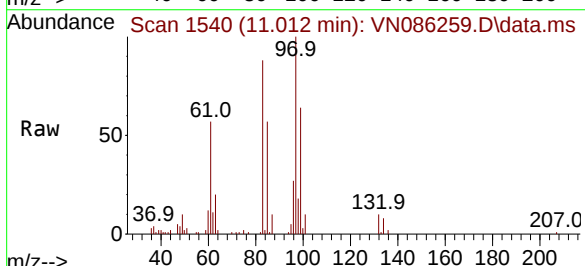
Ion Ratio Lower Upper

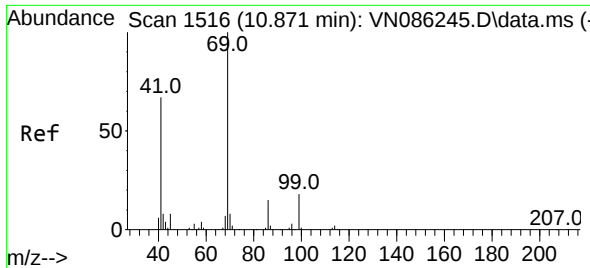
97 100

83 87.8 68.6 103.0

85 57.2 45.9 68.9

99 64.2 48.6 73.0

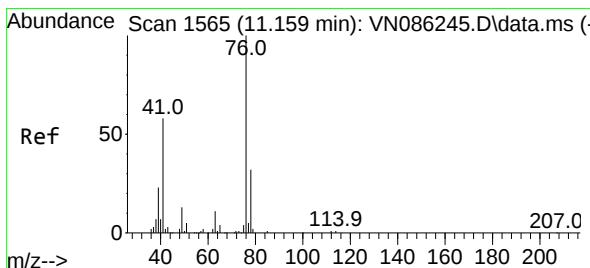
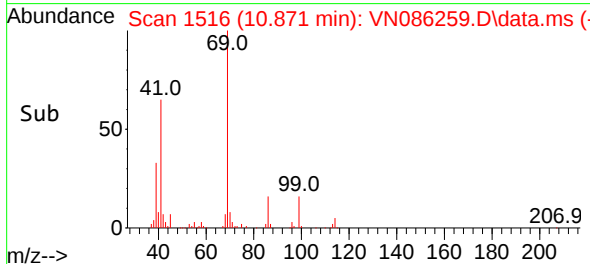
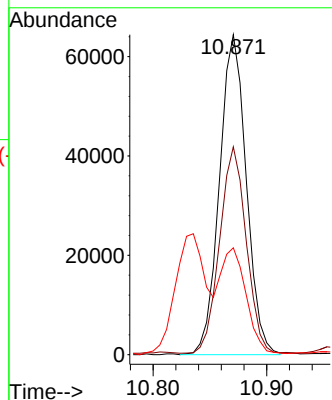
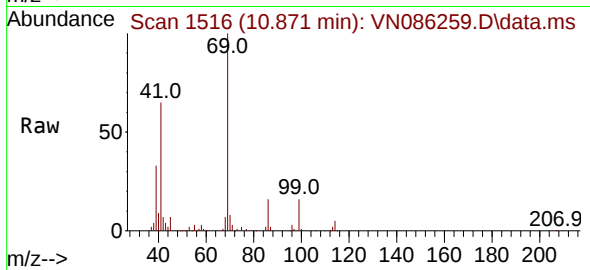




#51
Ethyl methacrylate
Concen: 20.888 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

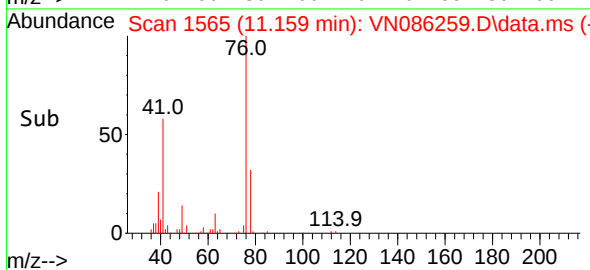
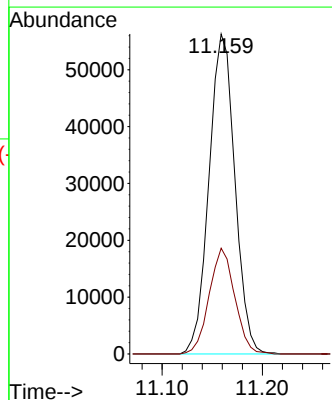
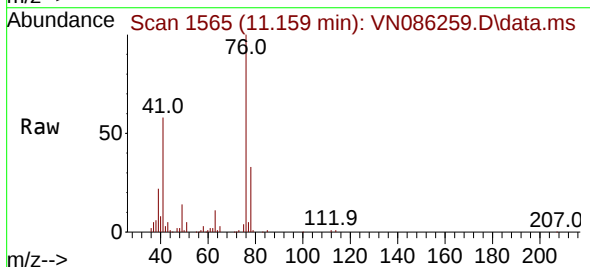
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

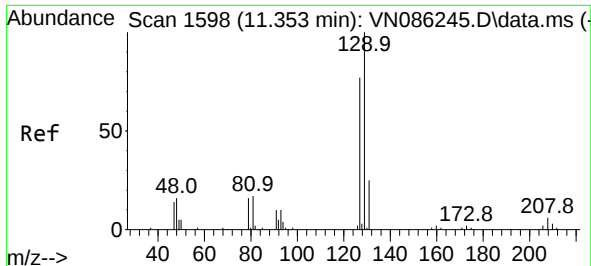
Tgt Ion: 69 Resp: 105789
Ion Ratio Lower Upper
69 100
41 64.5 33.6 100.6
39 32.9 17.8 53.4



#52
1,3-Dichloropropane
Concen: 20.787 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 76 Resp: 100971
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.6

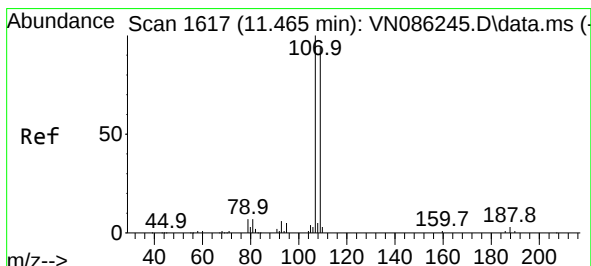
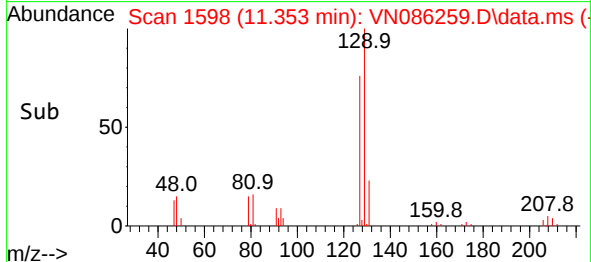
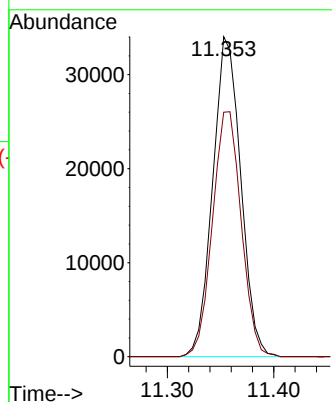
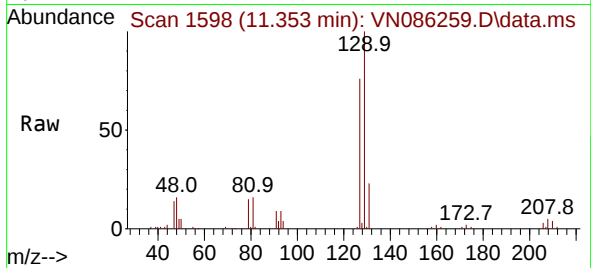




#53
Dibromochloromethane
Concen: 20.887 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

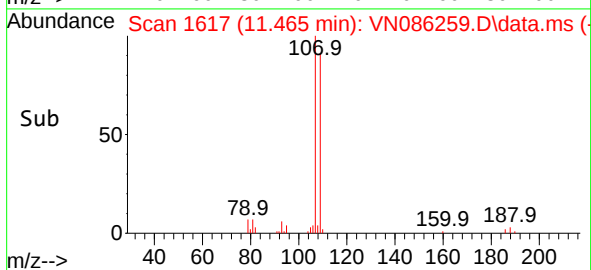
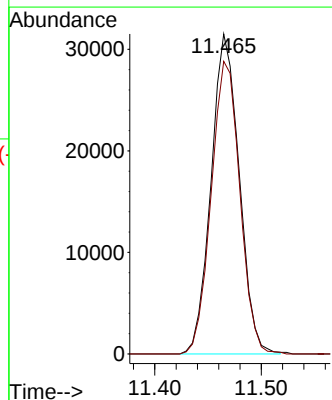
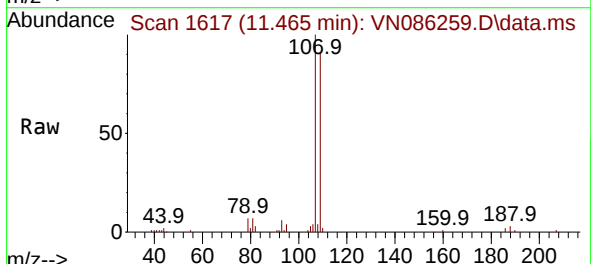
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

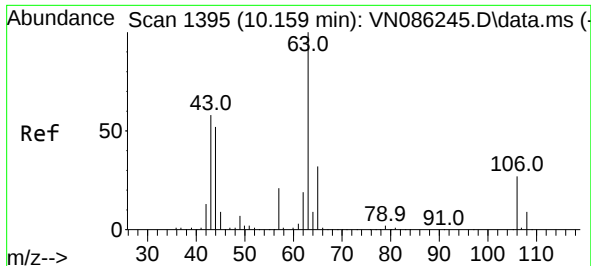
Tgt Ion:129 Resp: 62263
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5



#54
1,2-Dibromoethane
Concen: 20.995 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:107 Resp: 57757
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

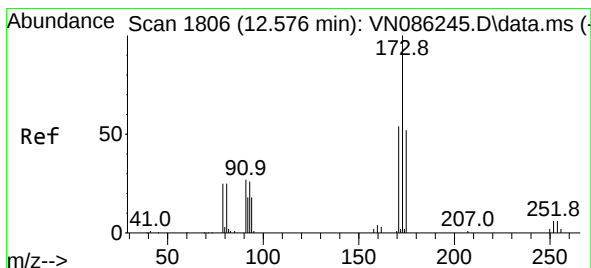
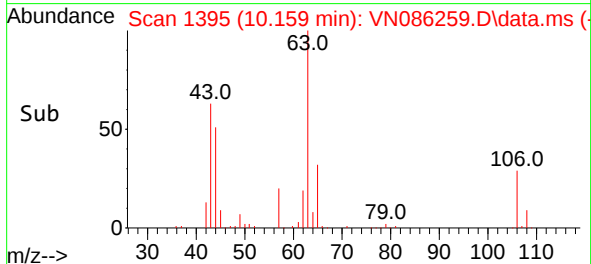
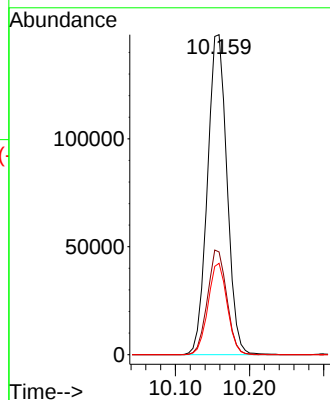
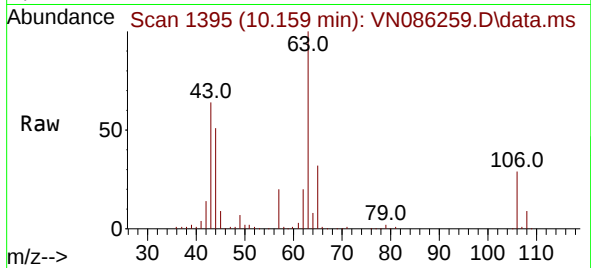




#55
2-Chloroethyl vinyl ether
Concen: 141.822 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

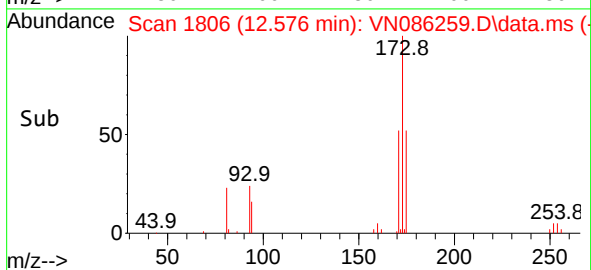
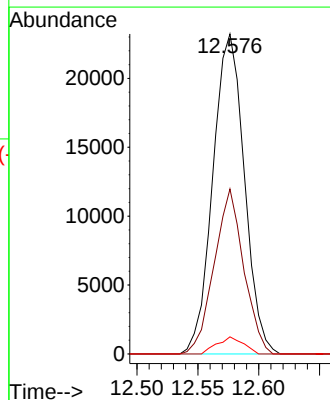
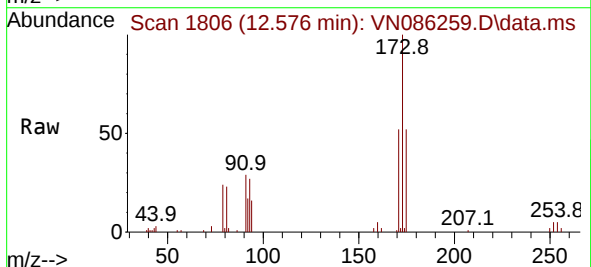
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

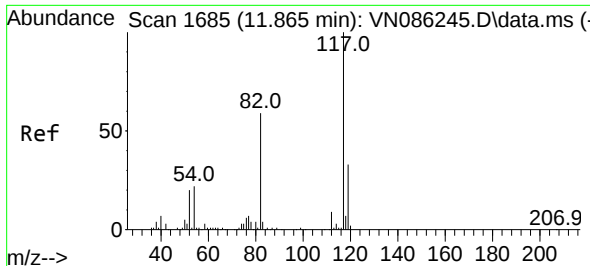
Tgt Ion: 63 Resp: 271407
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.8
106 28.0 21.8 32.8



#56
Bromoform
Concen: 21.423 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 173 Resp: 41780
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.4
254 4.5 4.5 6.7#

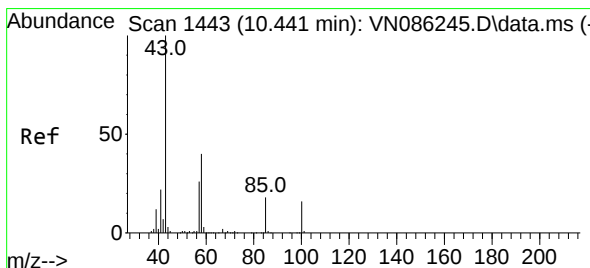
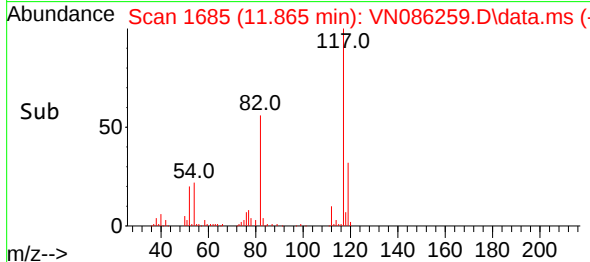
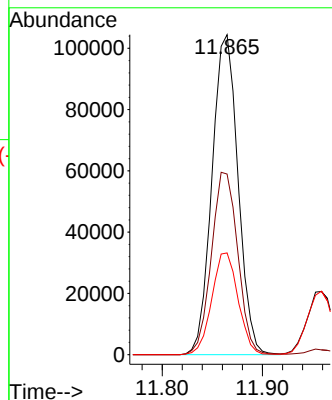
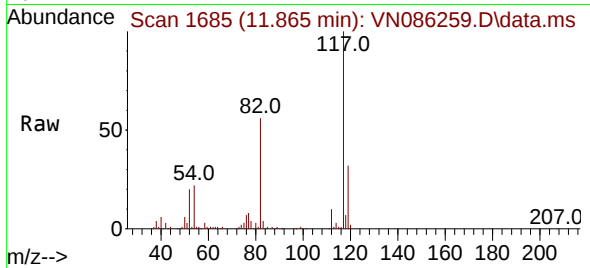




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

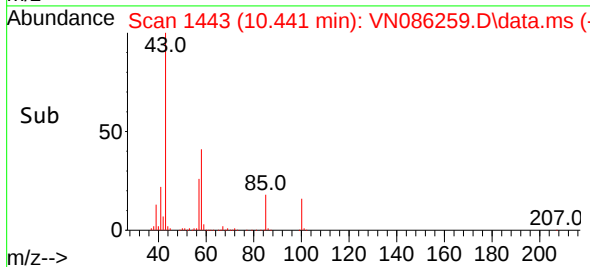
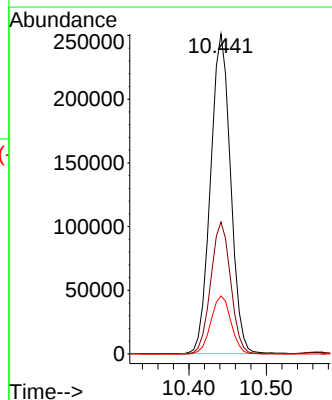
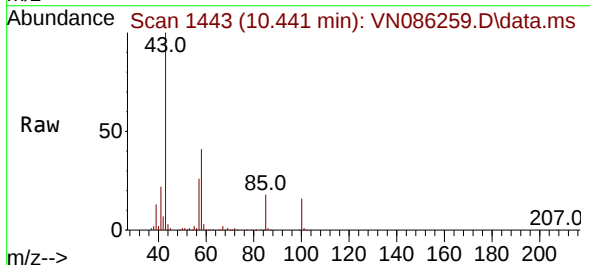
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

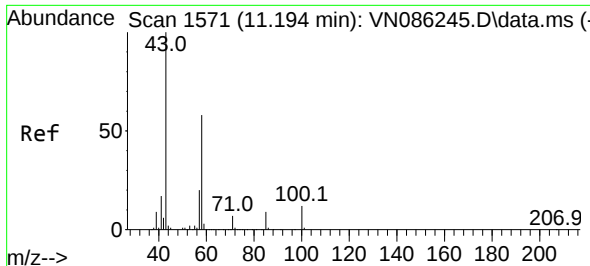
Tgt Ion:117 Resp: 188770
Ion Ratio Lower Upper
117 100
82 57.7 47.3 70.9
119 32.1 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 105.268 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 43 Resp: 450944
Ion Ratio Lower Upper
43 100
58 41.0 32.5 48.7
85 18.2 14.4 21.6

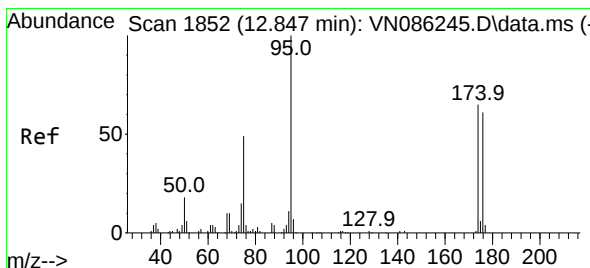
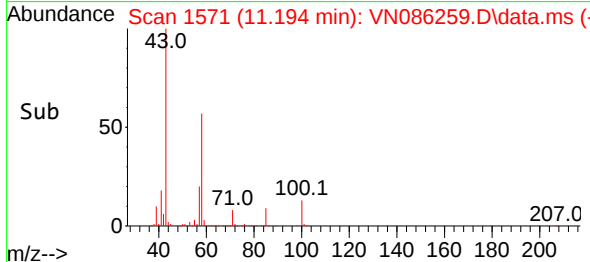
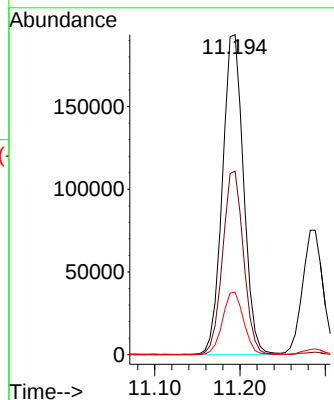
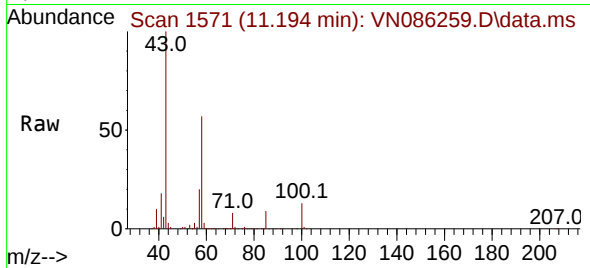




#59
2-Hexanone
Concen: 104.040 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

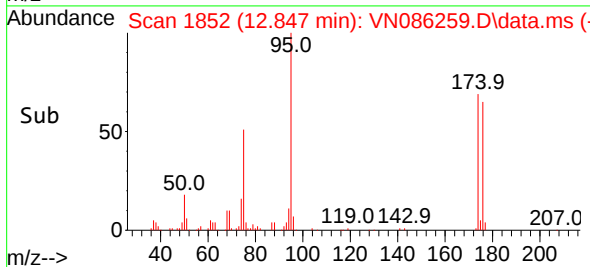
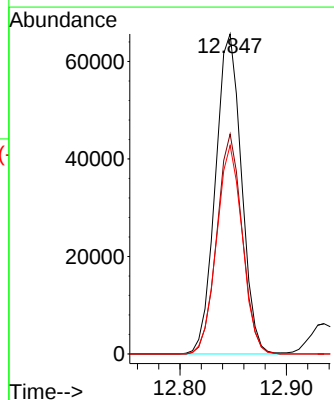
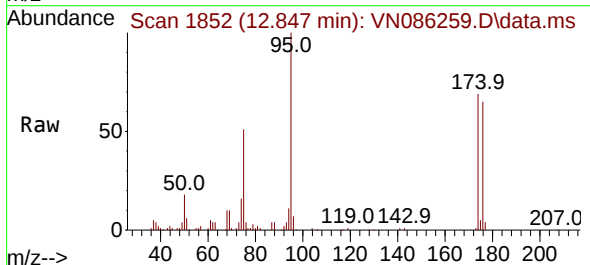
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

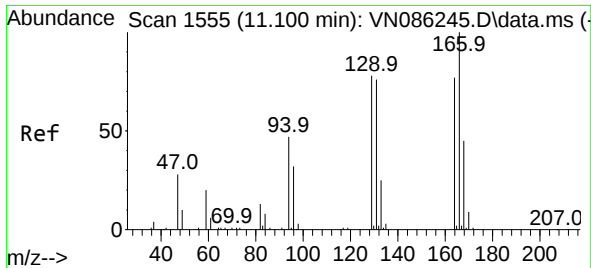
Tgt Ion: 43 Resp: 331870
Ion Ratio Lower Upper
43 100
58 57.1 45.3 67.9
57 19.7 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.647 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 95 Resp: 111425
Ion Ratio Lower Upper
95 100
174 66.7 52.7 79.1
176 64.4 49.8 74.8

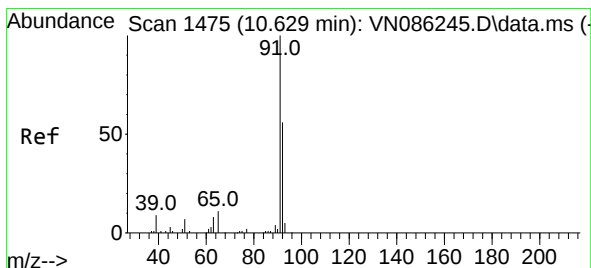
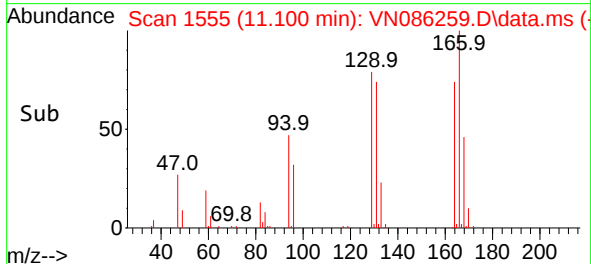
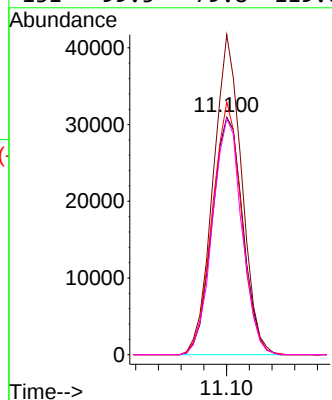
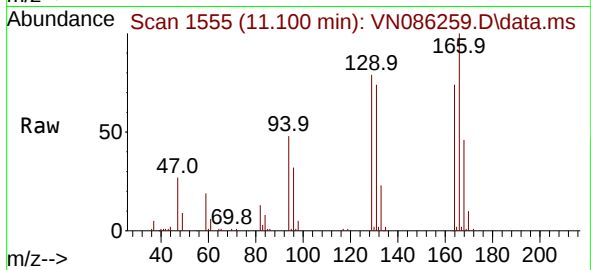




#61
Tetrachloroethene
Concen: 20.769 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

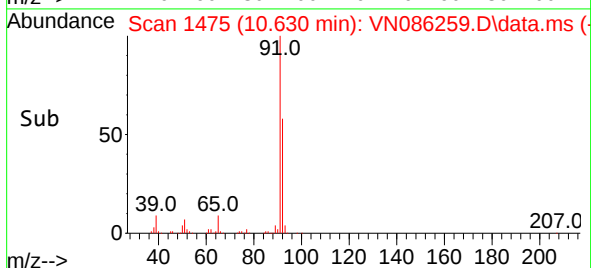
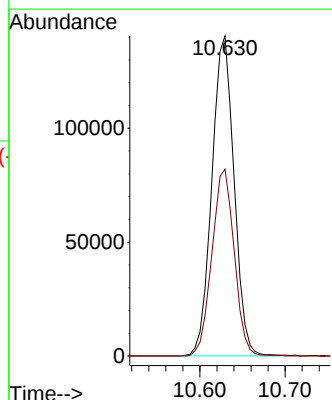
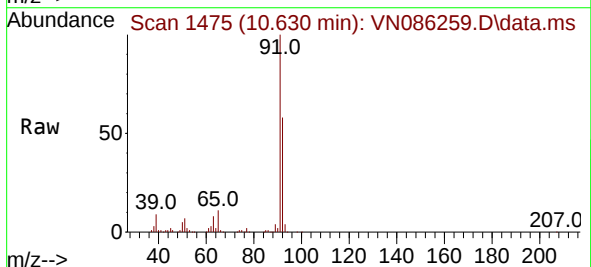
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

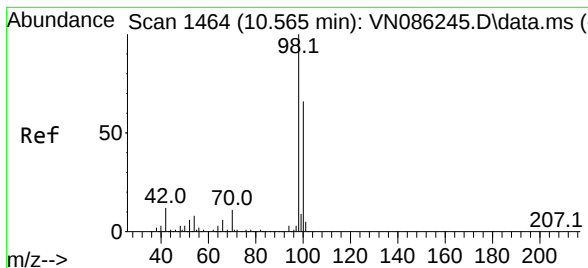
Tgt Ion:164 Resp: 57897
Ion Ratio Lower Upper
164 100
166 134.8 104.5 156.7
129 106.5 81.7 122.5
131 99.5 79.8 119.6



#62
Toluene
Concen: 20.136 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 91 Resp: 254946
Ion Ratio Lower Upper
91 100
92 58.7 46.8 70.2





#63

Toluene-d8

Concen: 29.884 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

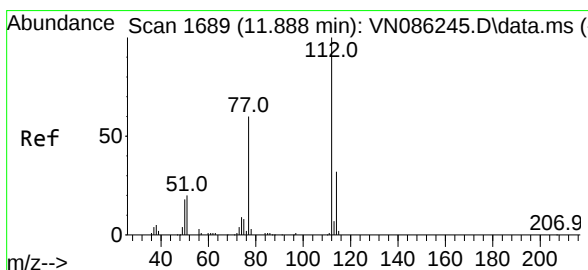
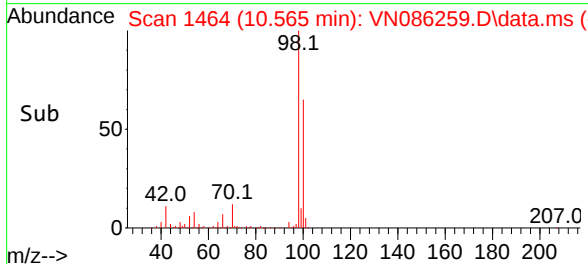
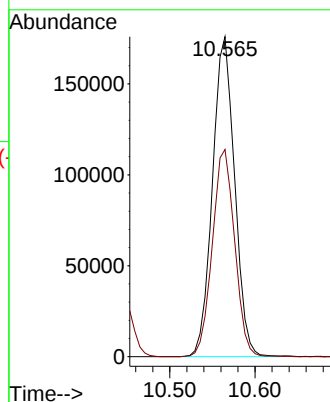
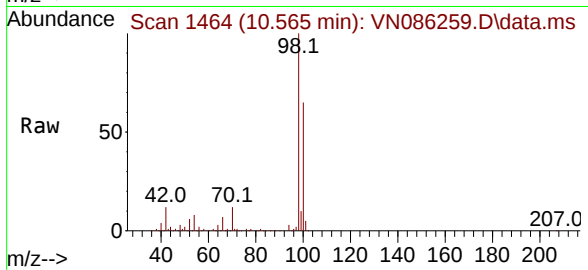
VN0414WBSD01

Tgt Ion: 98 Resp: 318483

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#64

Chlorobenzene

Concen: 20.334 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN086259.D

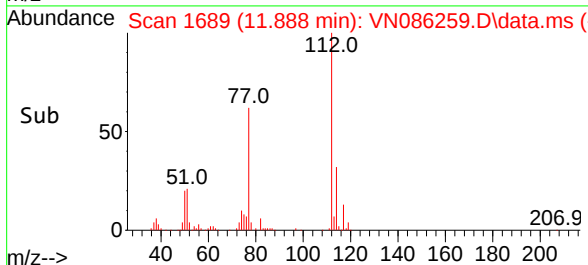
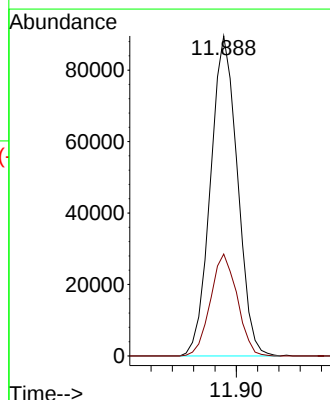
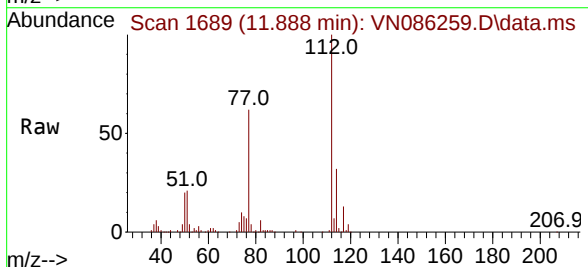
Acq: 14 Apr 2025 11:03

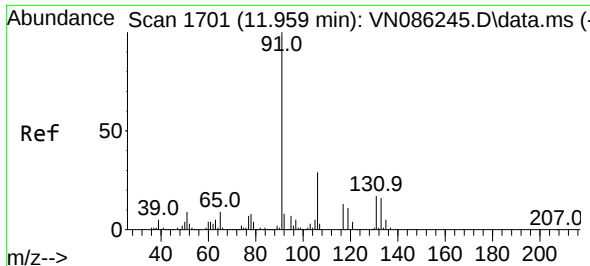
Tgt Ion: 112 Resp: 157296

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6

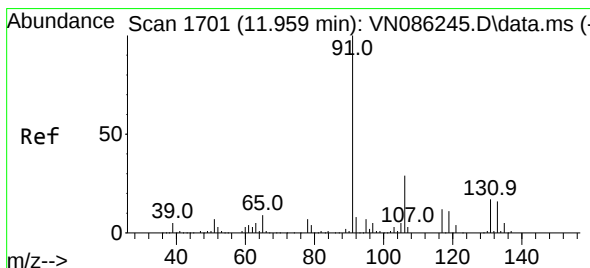
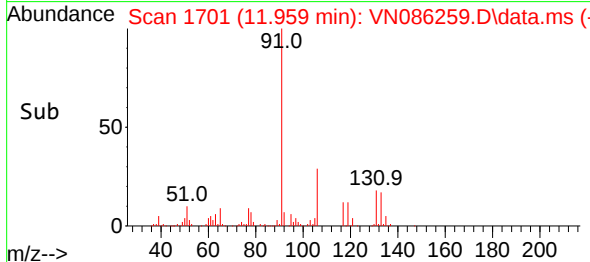
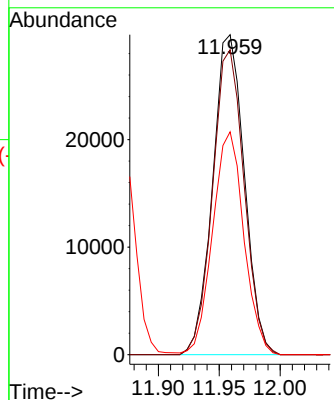
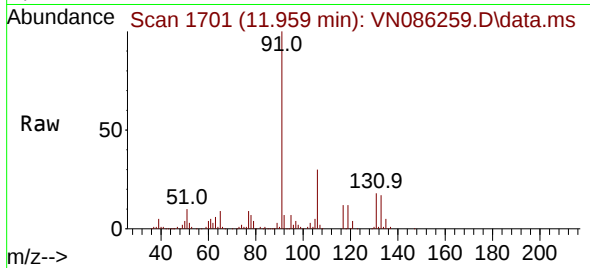




#65
1,1,1,2-Tetrachloroethane
Concen: 21.115 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

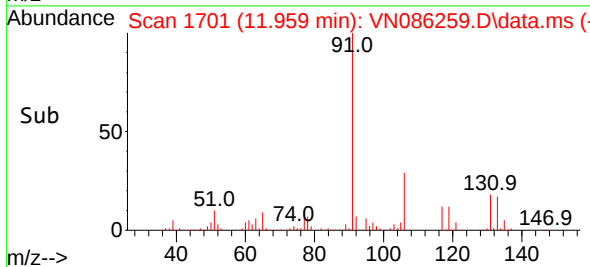
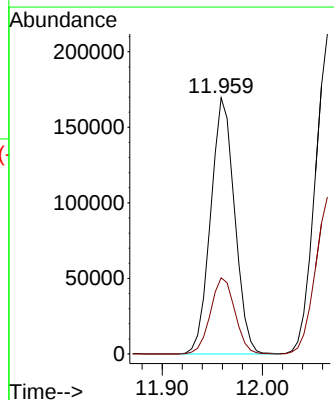
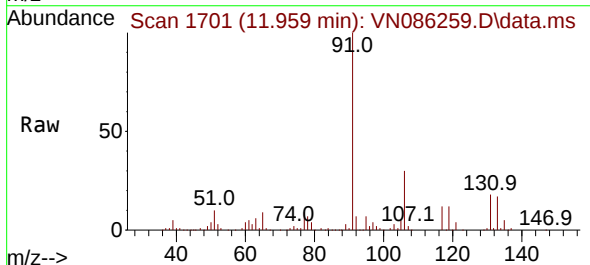
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

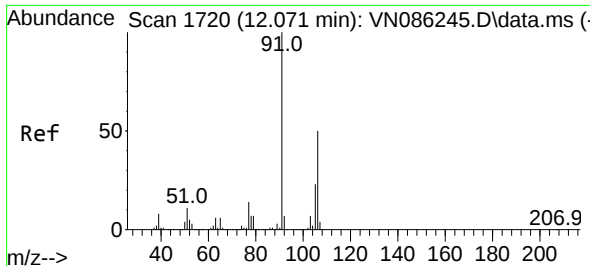
Tgt Ion:131 Resp: 53903
Ion Ratio Lower Upper
131 100
133 94.6 0.0 190.4
119 68.5 0.0 135.6



#66
Ethyl Benzene
Concen: 20.033 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 91 Resp: 281296
Ion Ratio Lower Upper
91 100
106 29.8 23.4 35.0

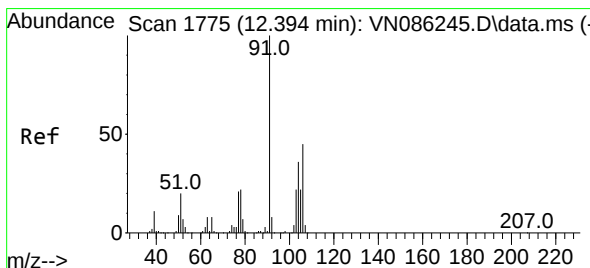
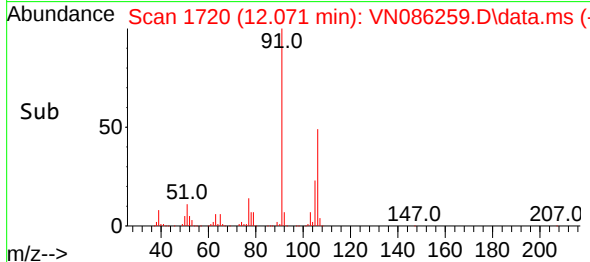
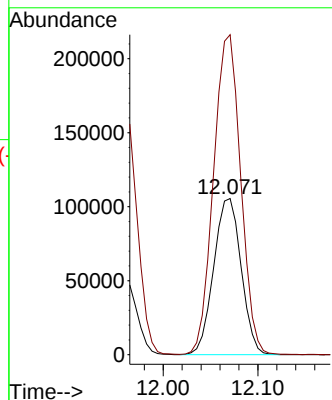
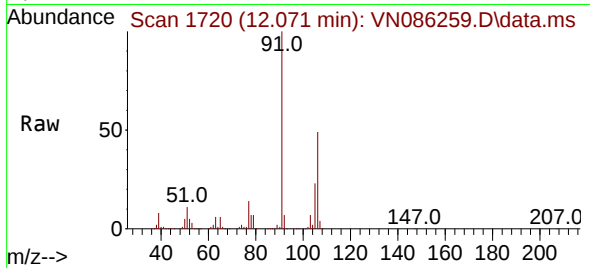




#67
m/p-Xylenes
Concen: 40.741 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

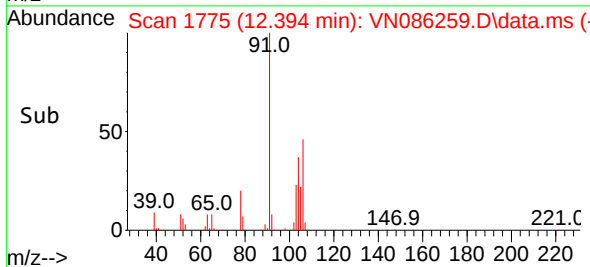
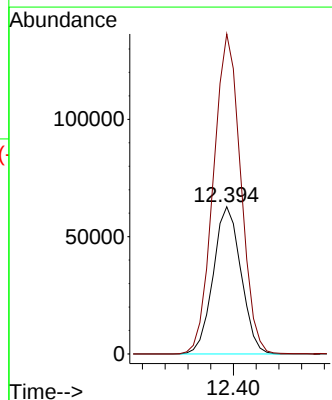
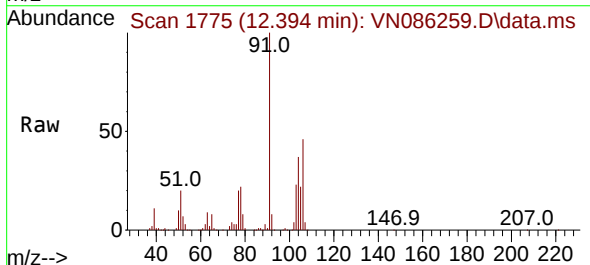
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

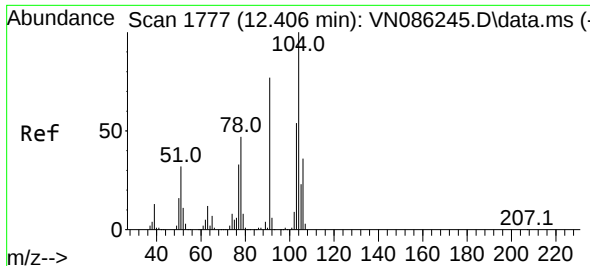
Tgt Ion:106 Resp: 212715
Ion Ratio Lower Upper
106 100
91 202.8 164.5 246.7



#68
o-Xylene
Concen: 20.731 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:106 Resp: 106466
Ion Ratio Lower Upper
106 100
91 214.3 109.8 329.4

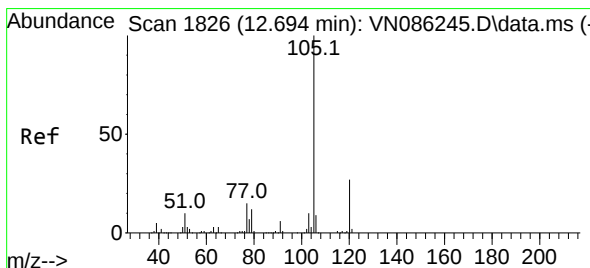
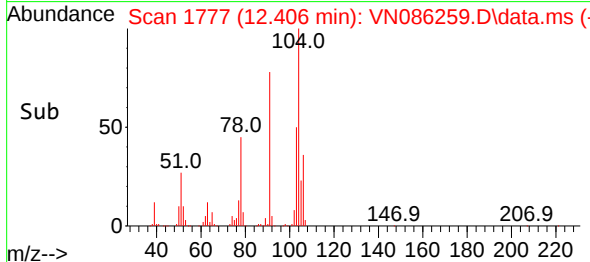
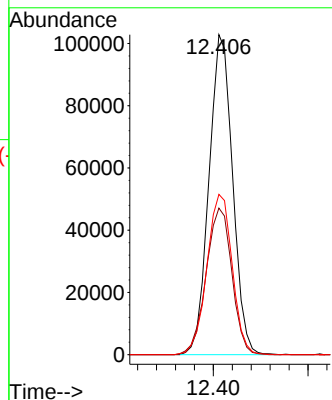
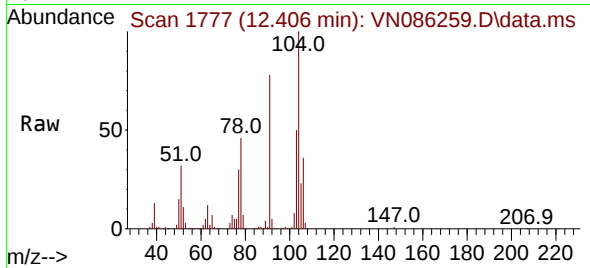




#69
Styrene
Concen: 20.600 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

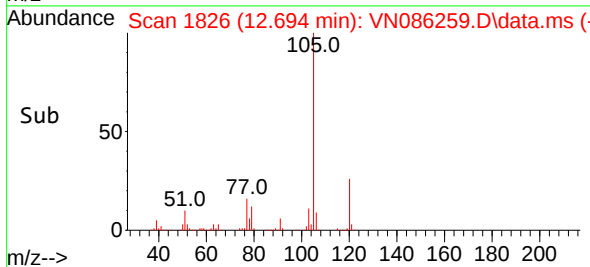
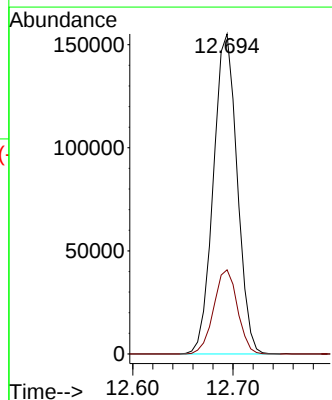
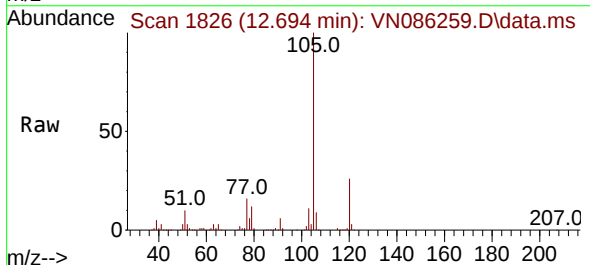
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

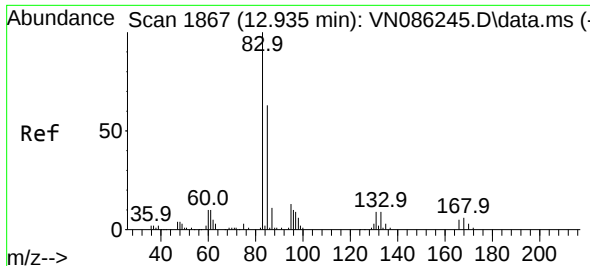
Tgt Ion:104 Resp: 178420
Ion Ratio Lower Upper
104 100
78 49.9 41.4 62.0
103 53.6 44.2 66.4



#70
Isopropylbenzene
Concen: 20.204 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:105 Resp: 255832
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1

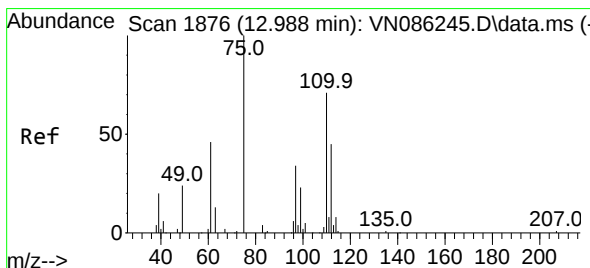
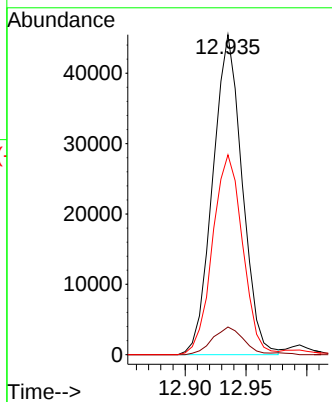
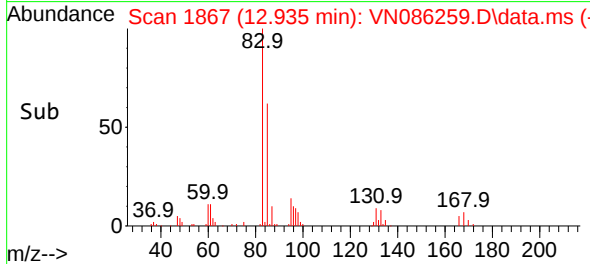
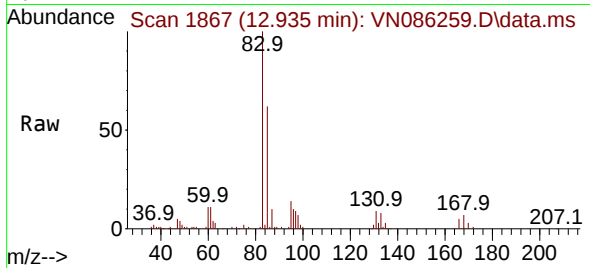




#71
1,1,2,2-Tetrachloroethane
Concen: 21.236 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

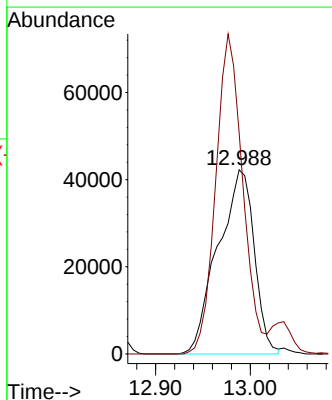
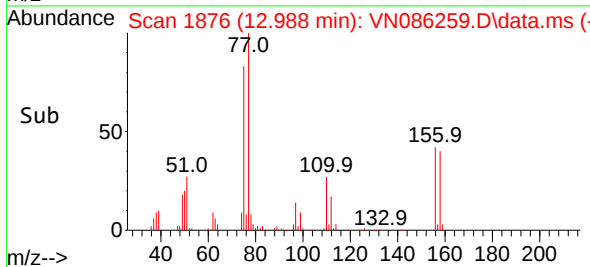
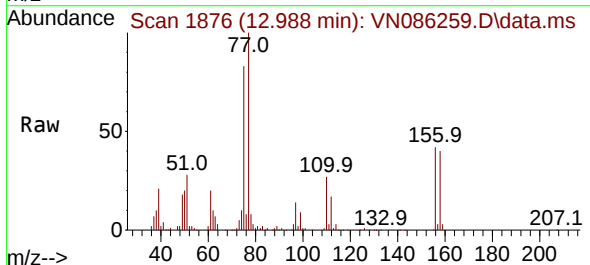
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

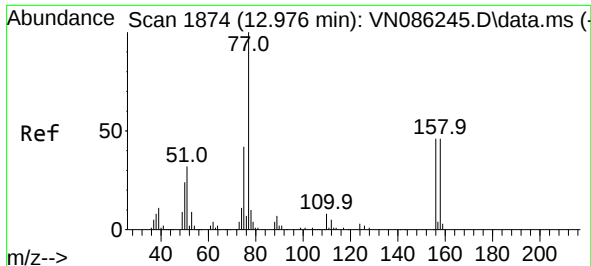
Tgt Ion: 83 Resp: 76539
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.3
85 63.9 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 29.908 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 75 Resp: 112205
Ion Ratio Lower Upper
75 100
77 129.7 0.0 380.0

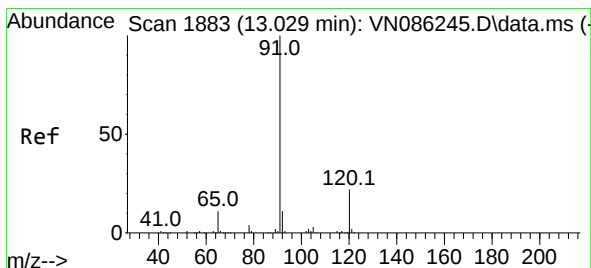
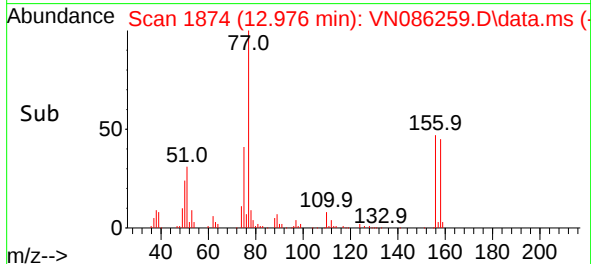
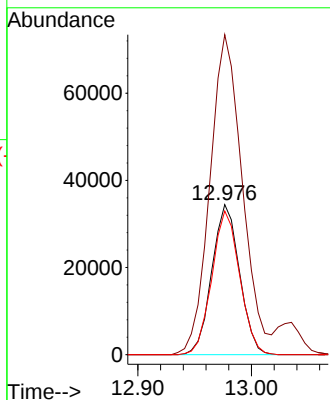
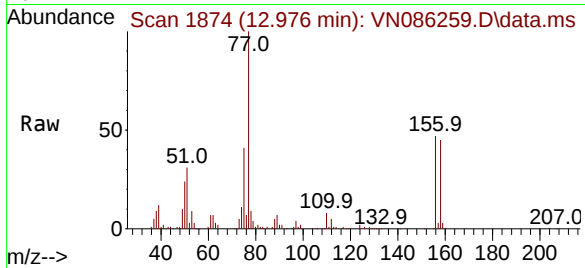




#73
Bromobenzene
Concen: 20.760 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

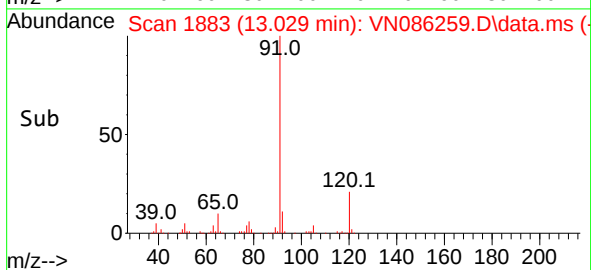
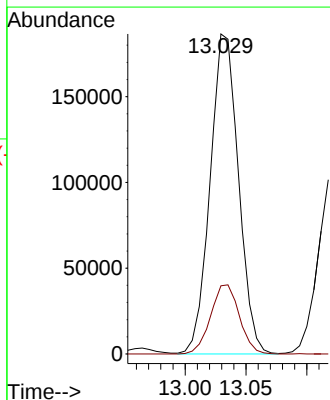
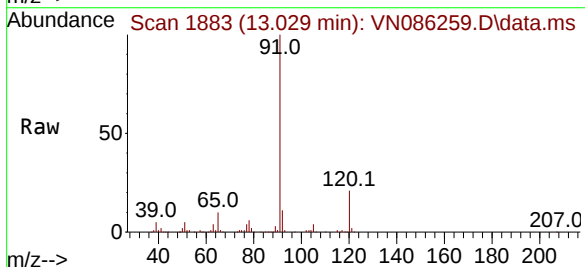
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

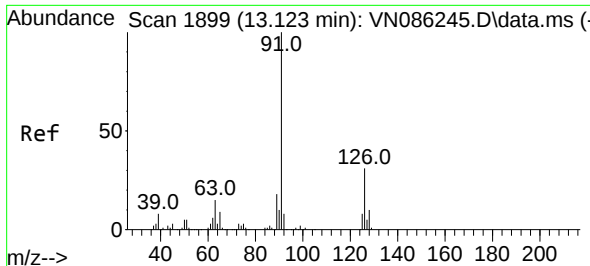
Tgt Ion:156 Resp: 58234
Ion Ratio Lower Upper
156 100
77 250.0 0.0 505.2
158 96.3 0.0 195.0



#74
n-propylbenzene
Concen: 20.228 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 91 Resp: 302453
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0

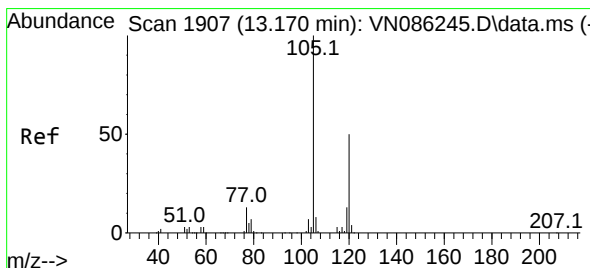
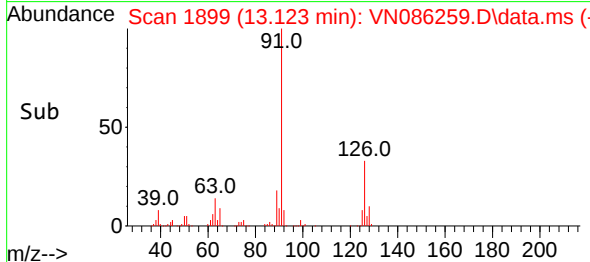
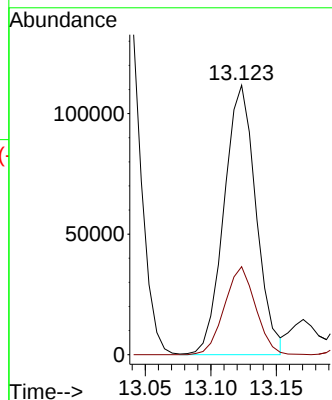
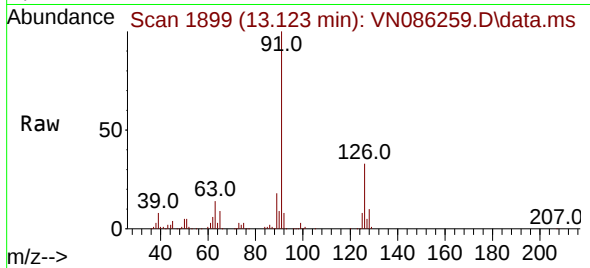




#75
2-Chlorotoluene
Concen: 20.222 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

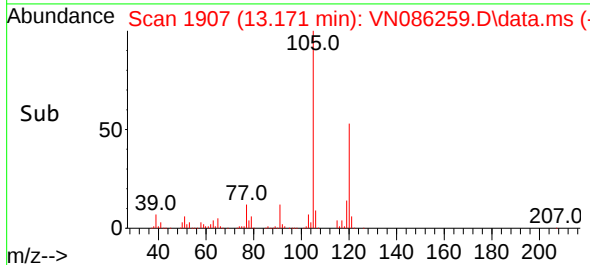
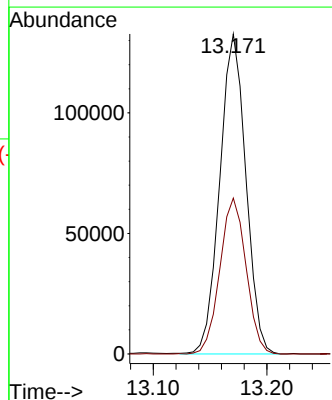
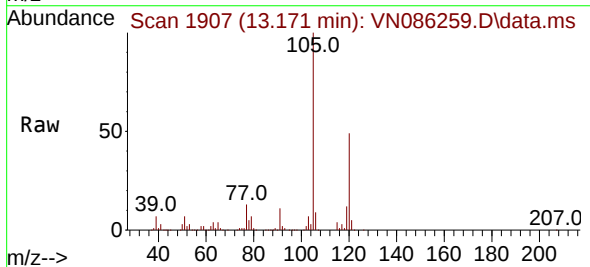
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

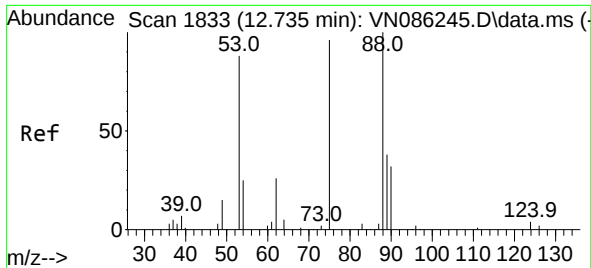
Tgt Ion: 91 Resp: 190051
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.4



#76
1,3,5-Trimethylbenzene
Concen: 20.362 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 105 Resp: 211804
Ion Ratio Lower Upper
105 100
120 48.8 0.0 98.0

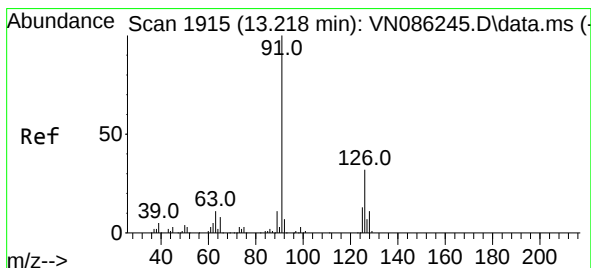
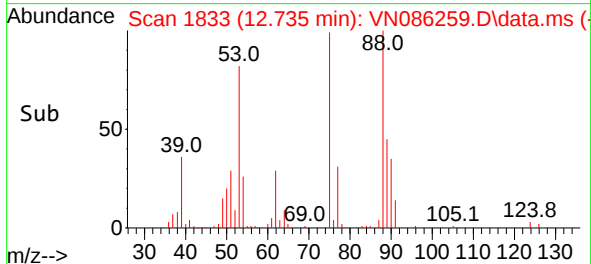
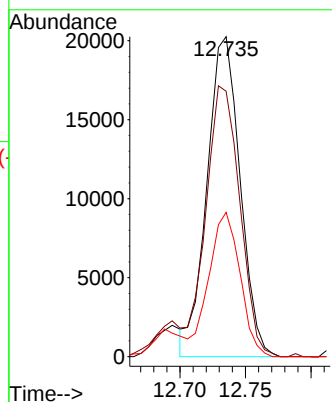
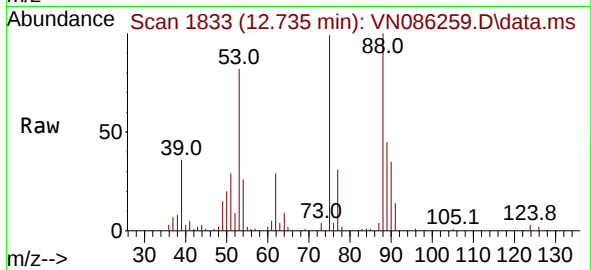




#77
t-1,4-Dichloro-2-butene
Concen: 20.593 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

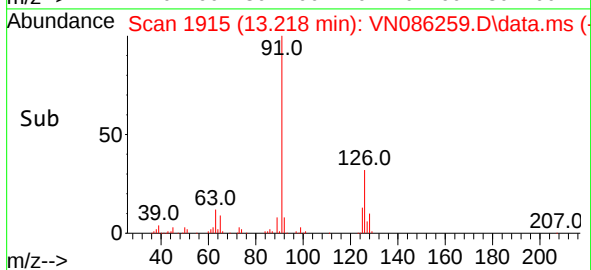
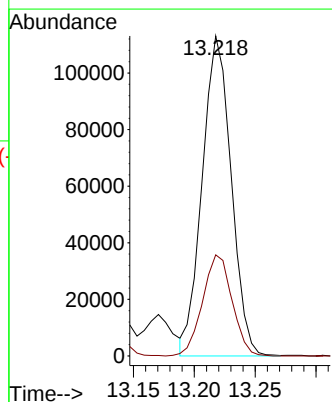
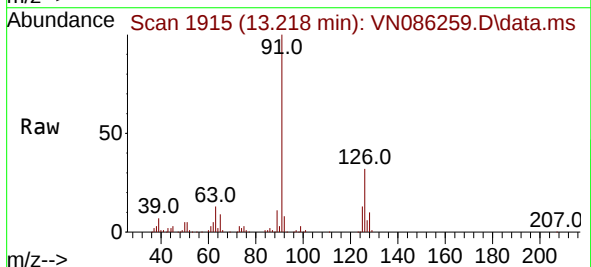
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

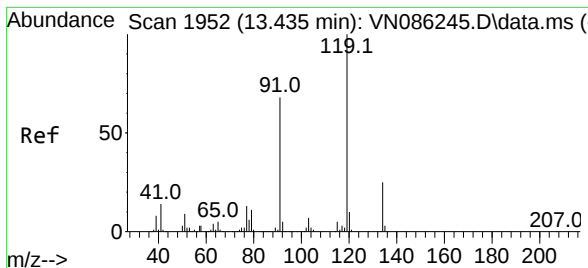
Tgt Ion: 75 Resp: 35624
Ion Ratio Lower Upper
75 100
53 82.9 46.4 139.2
89 45.1 22.5 67.5



#78
4-Chlorotoluene
Concen: 19.990 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 91 Resp: 187622
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.2

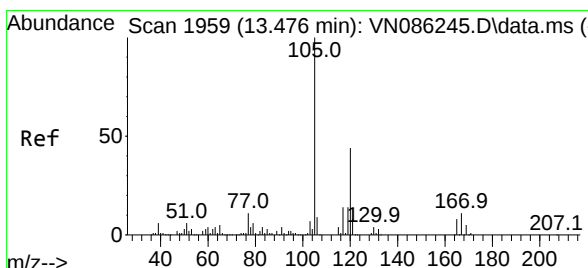
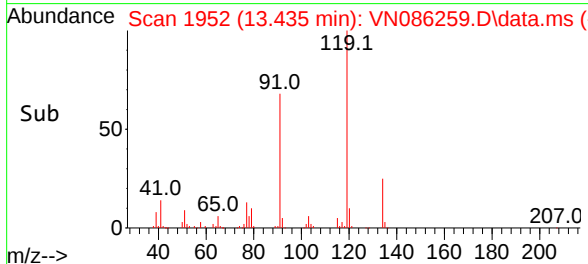
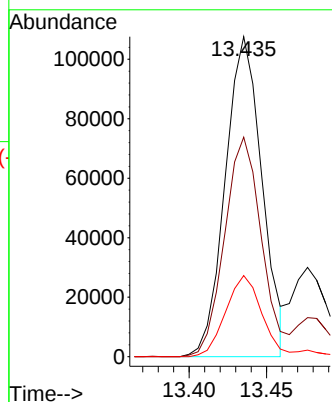
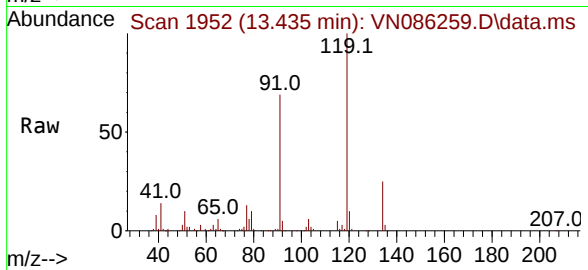




#79
tert-butylbenzene
Concen: 19.708 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

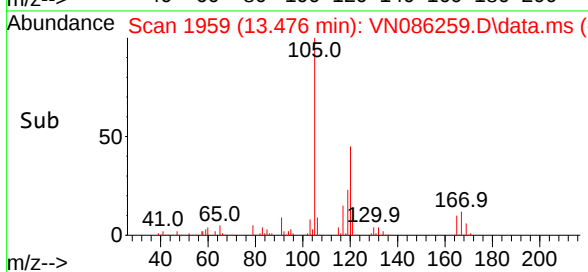
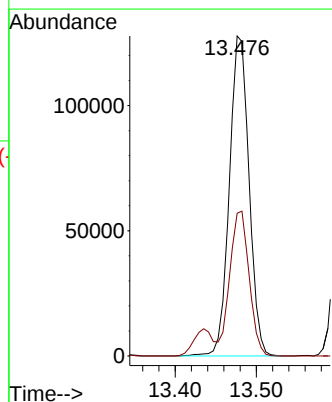
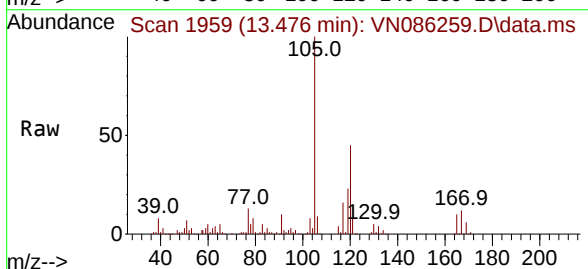
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

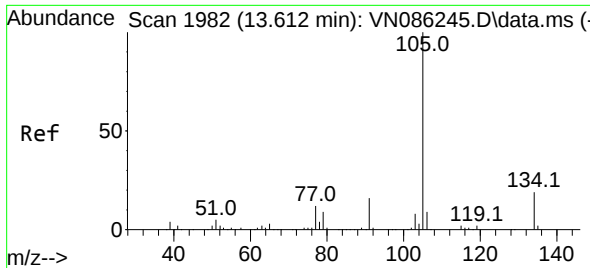
Tgt Ion:119 Resp: 177378
Ion Ratio Lower Upper
119 100
91 69.5 0.0 136.6
134 24.7 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 20.364 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:105 Resp: 214794
Ion Ratio Lower Upper
105 100
120 44.3 0.0 91.0

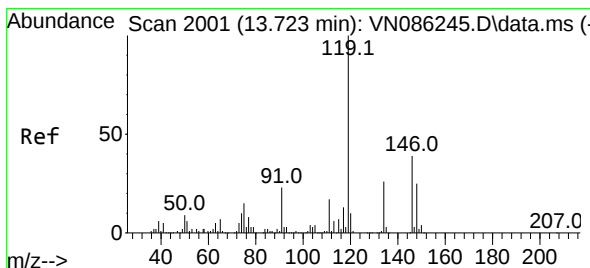
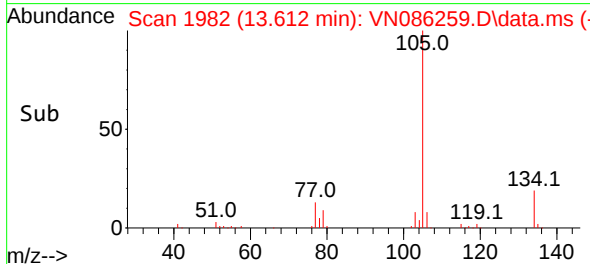
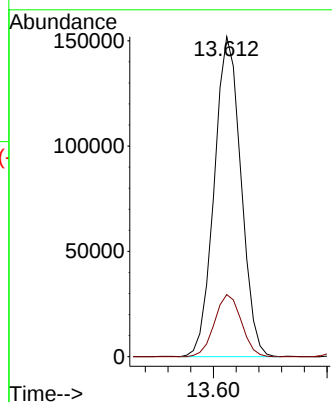
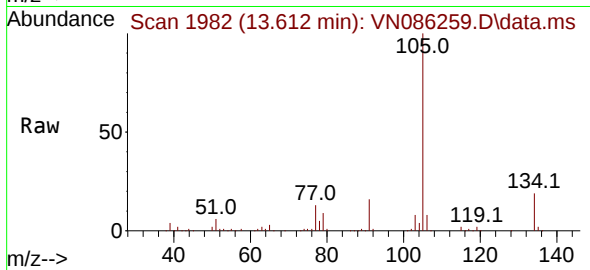




#81
 sec-Butylbenzene
 Concen: 19.764 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086259.D
 Acq: 14 Apr 2025 11:03

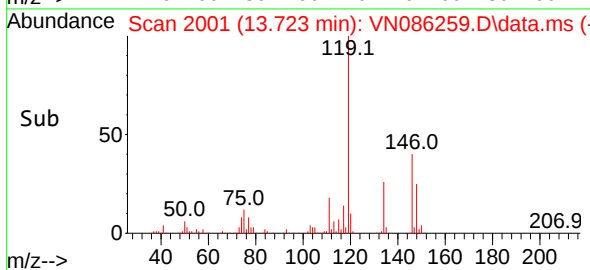
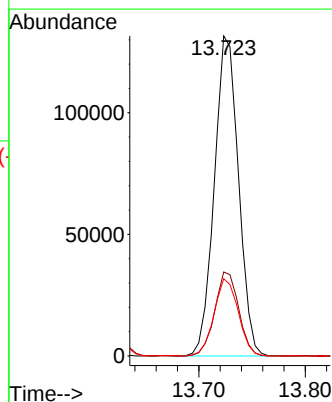
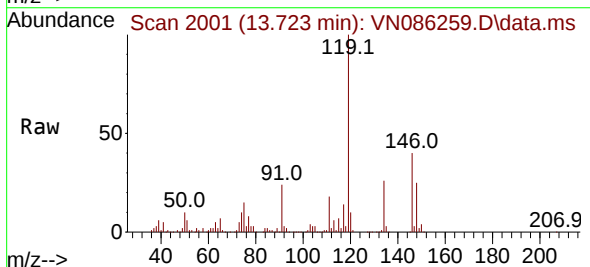
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

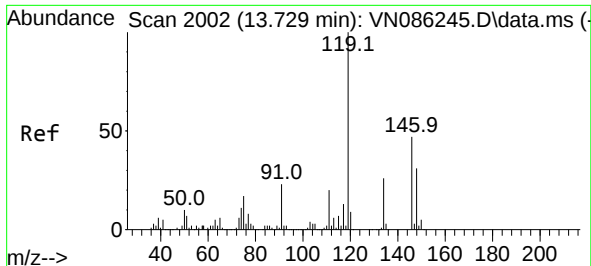
Tgt Ion:105 Resp: 248141
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.800 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086259.D
 Acq: 14 Apr 2025 11:03

Tgt Ion:119 Resp: 207375
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.6
 91 24.2 0.0 48.2

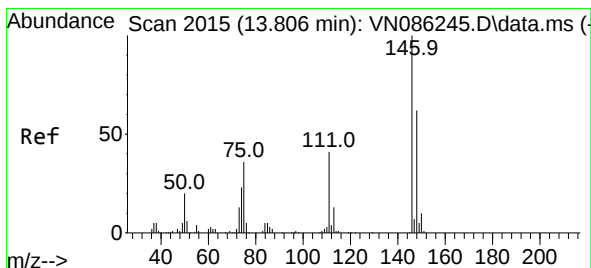
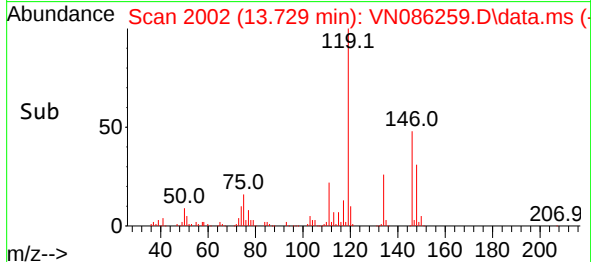
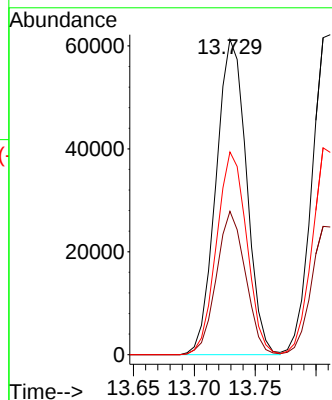
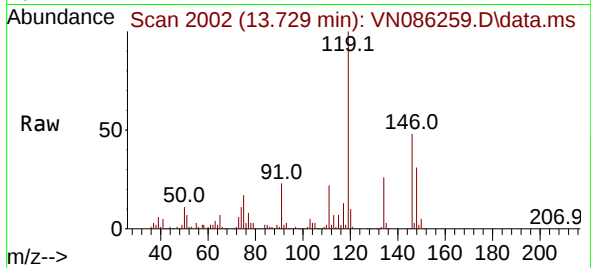




#83
1,3-Dichlorobenzene
Concen: 20.459 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

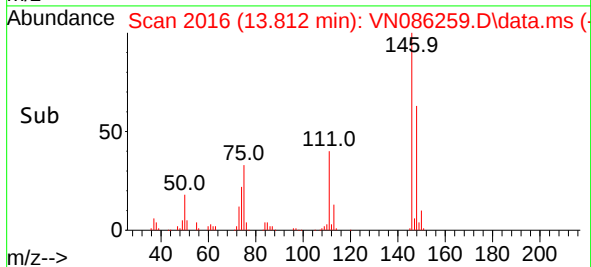
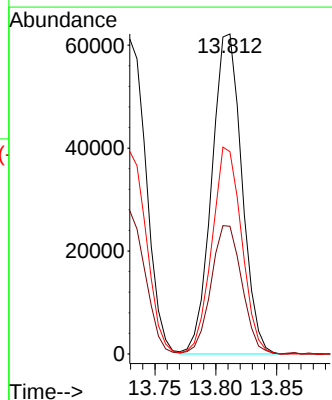
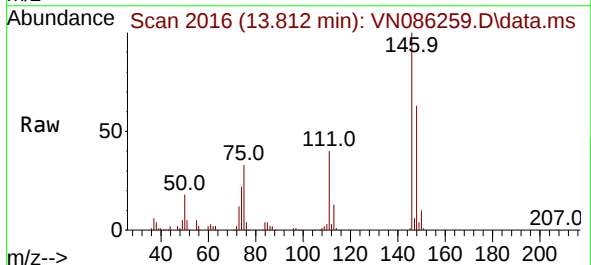
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

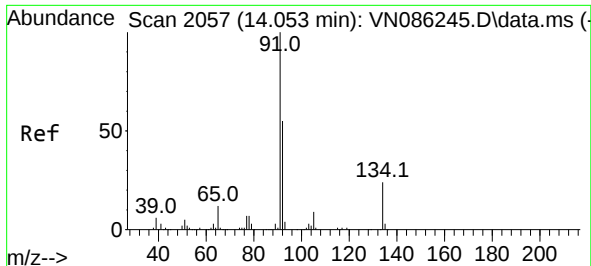
Tgt Ion:146 Resp: 106668
Ion Ratio Lower Upper
146 100
111 43.5 21.7 65.1
148 63.6 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 20.479 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:146 Resp: 107111
Ion Ratio Lower Upper
146 100
111 40.9 20.8 62.4
148 63.8 31.9 95.5

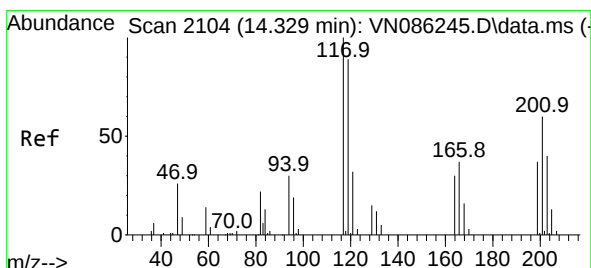
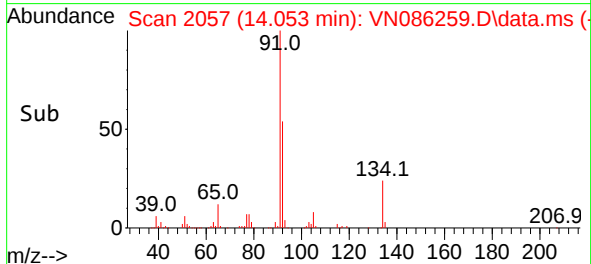
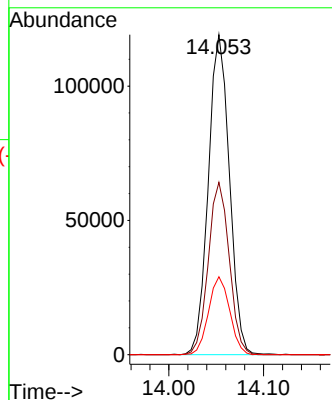
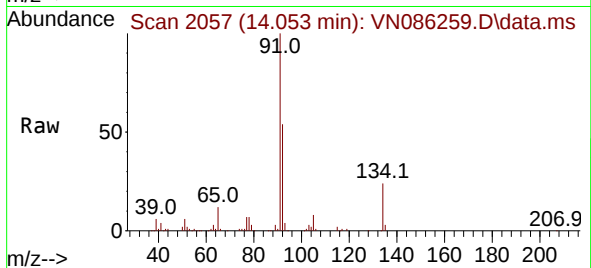




#85
n-Butylbenzene
Concen: 19.498 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

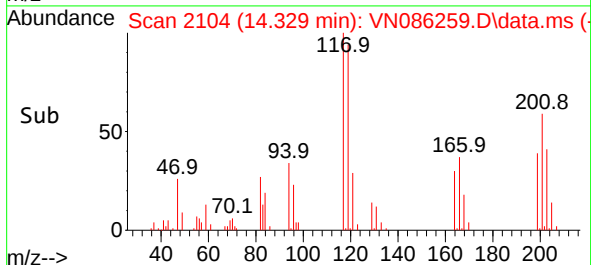
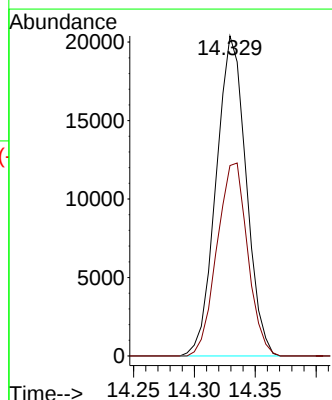
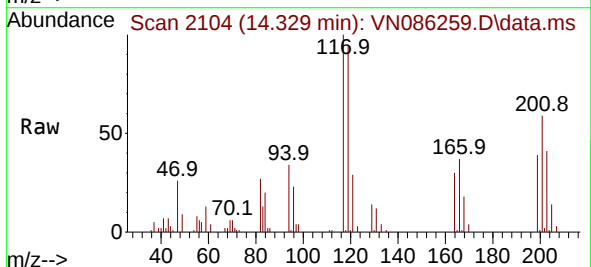
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

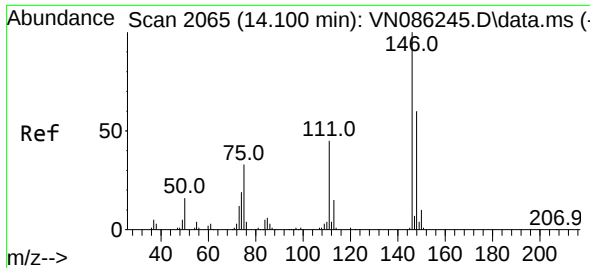
Tgt Ion: 91 Resp: 184228
Ion Ratio Lower Upper
91 100
92 53.5 0.0 109.4
134 24.4 0.0 48.2



#86
Hexachloroethane
Concen: 19.792 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 117 Resp: 34967
Ion Ratio Lower Upper
117 100
201 61.6 30.9 92.8

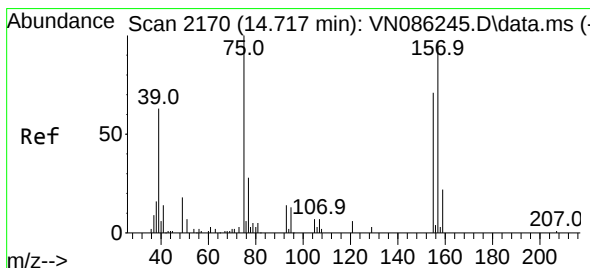
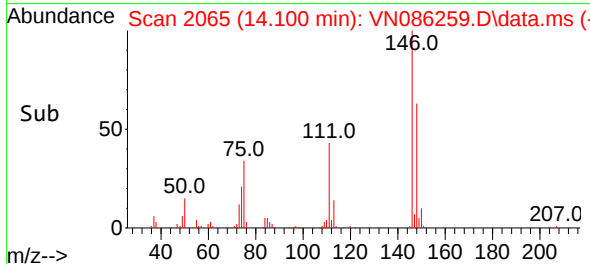
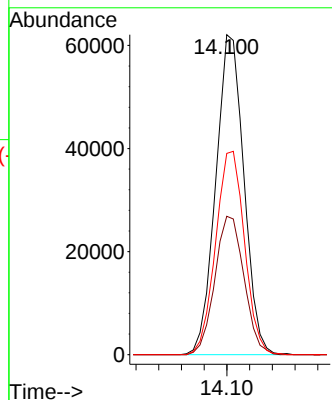
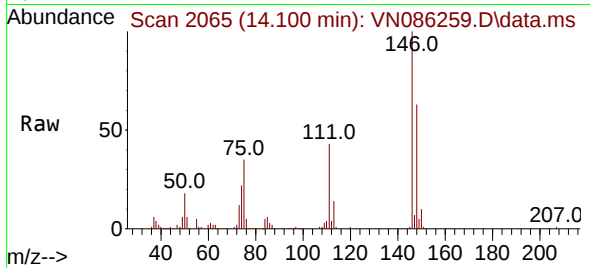




#87
1,2-Dichlorobenzene
Concen: 20.757 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

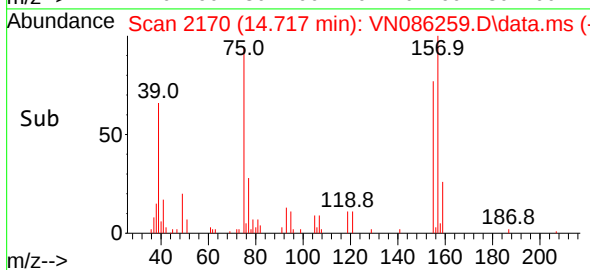
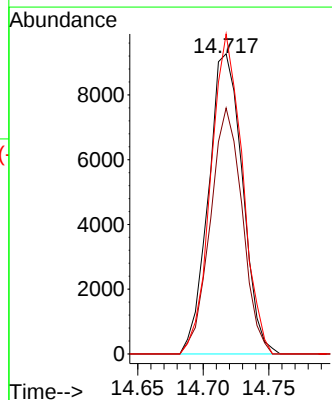
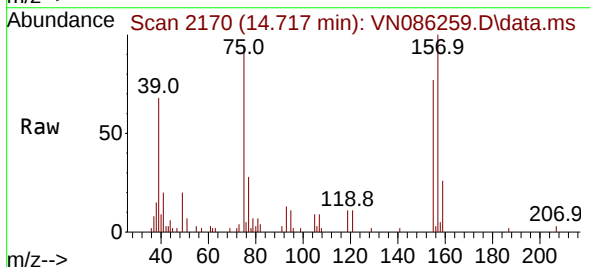
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

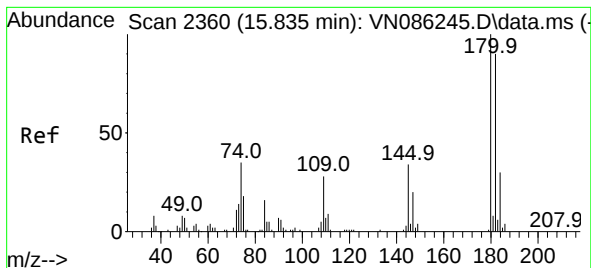
Tgt Ion:146 Resp: 106853
Ion Ratio Lower Upper
146 100
111 44.8 22.7 68.0
148 65.3 31.8 95.3



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.422 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion: 75 Resp: 16765
Ion Ratio Lower Upper
75 100
155 76.7 60.3 90.5
157 98.8 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 20.486 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

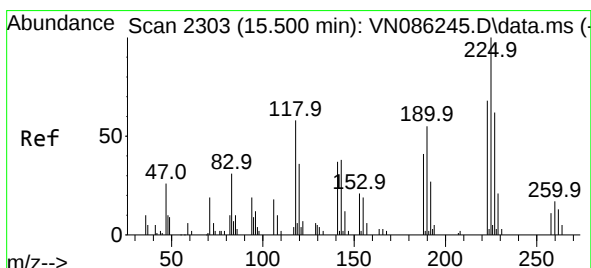
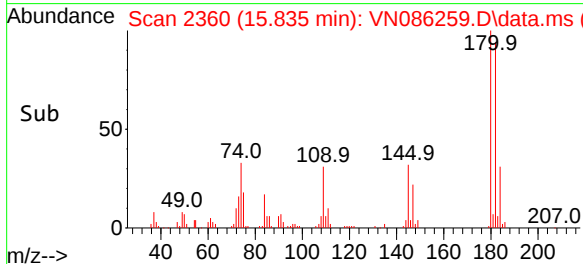
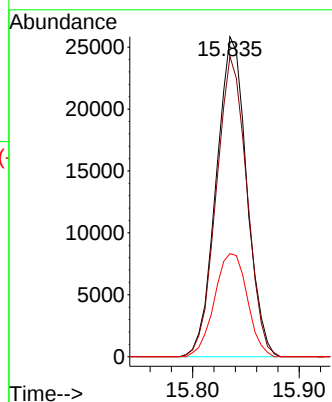
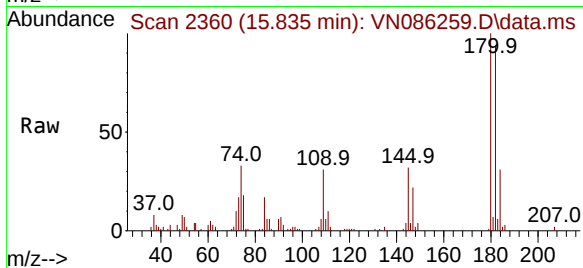
Tgt Ion:180 Resp: 51313

Ion Ratio Lower Upper

180 100

182 93.8 75.1 112.7

145 34.7 27.1 40.7



#90

Hexachlorobutadiene

Concen: 18.496 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086259.D

Acq: 14 Apr 2025 11:03

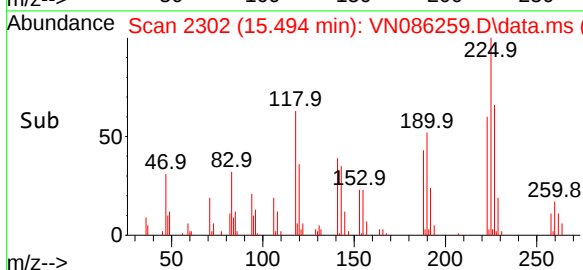
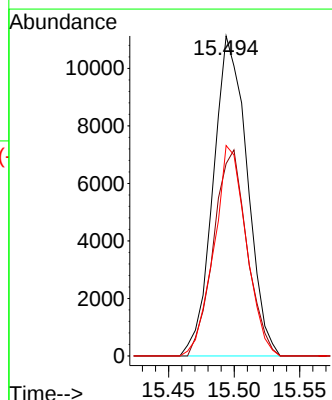
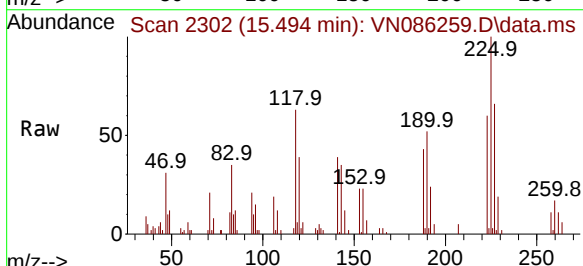
Tgt Ion:225 Resp: 20003

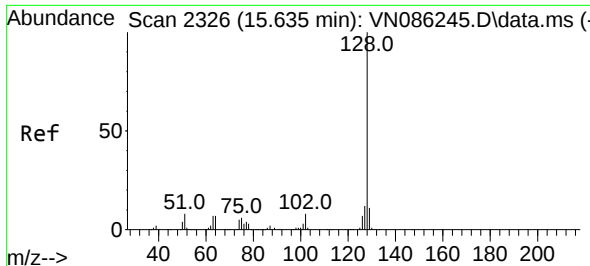
Ion Ratio Lower Upper

225 100

223 63.4 0.0 130.0

227 62.5 0.0 123.2

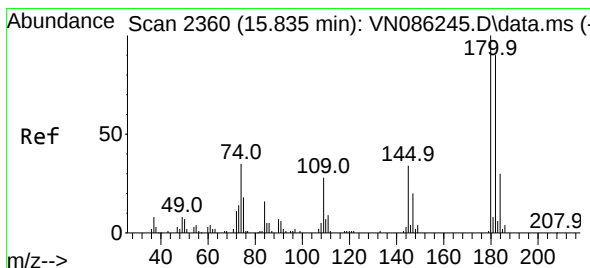
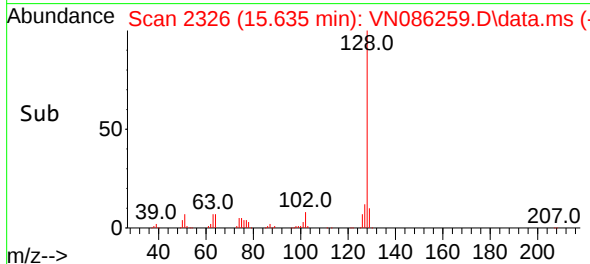
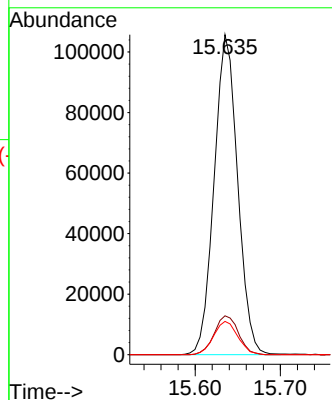
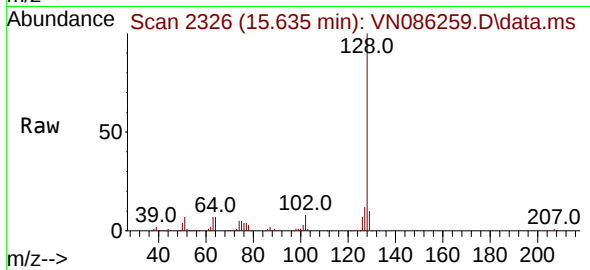




#91
Naphthalene
Concen: 20.513 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tgt Ion:128 Resp: 202577
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.7 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.486 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086259.D
Acq: 14 Apr 2025 11:03

Tgt Ion:180 Resp: 51313
Ion Ratio Lower Upper
180 100
182 93.8 0.0 187.8
145 34.7 0.0 67.8

