

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
 Data File : VN086356.D
 Acq On : 21 Apr 2025 12:48
 Operator : JC\MD
 Sample : VN0421WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0421WBSD01

Quant Time: Apr 22 01:49:16 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	7.812	128	31444	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	186836	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	171678	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	93511	30.490	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.633%
60) 4-Bromofluorobenzene	12.847	95	99257	29.039	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.800%
63) Toluene-d8	10.565	98	279512	28.839	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.133%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50639	20.100	ug/l	100
3) Chloromethane	2.359	50	65303	18.754	ug/l	99
4) Vinyl Chloride	2.512	62	63129	19.034	ug/l	99
5) Bromomethane	2.959	94	34182	20.661	ug/l	96
6) Chloroethane	3.124	64	41940	20.025	ug/l	98
7) Trichlorofluoromethane	3.500	101	71984	20.007	ug/l	100
8) Diethyl Ether	3.959	74	32774	19.753	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	44831	20.207	ug/l	97
10) 1,1-Dichloroethene	4.341	96	45367	18.947	ug/l	98
11) Methyl Iodide	4.589	142	54448	19.786	ug/l	99
12) Methyl Acetate	5.018	43	74240	21.957	ug/l	99
13) Acrolein	4.177	56	38164	99.299	ug/l	99
14) Acrylonitrile	5.718	53	135514	94.938	ug/l	97
15) Acetone	4.424	58	34124	94.285	ug/l	87
16) Carbon Disulfide	4.712	76	123031	17.920	ug/l	98
17) Allyl chloride	5.024	41	73388	17.586	ug/l	91
18) Methylene Chloride	5.277	84	53489	19.594	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	47363	18.780	ug/l	94
20) Diisopropyl ether	6.665	45	180698	20.141	ug/l	99
21) 1,1-Dichloroethane	6.565	63	93905	19.618	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	60692	20.201	ug/l	98
23) tert-Butyl Alcohol	5.518	59	55456	93.764	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	180170	20.851	ug/l	99
25) Chloroform	7.965	83	95904	21.011	ug/l	96
26) Cyclohexane	8.253	56	81228	18.139	ug/l #	96
29) 1,1-Dichloropropene	8.371	75	66986	20.014	ug/l	99
30) 2-Butanone	7.482	43	186098	100.344	ug/l	99
31) 2,2-Dichloropropane	7.488	77	84782	20.579	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	80813	20.990	ug/l	99
33) Carbon Tetrachloride	8.359	117	64217	20.871	ug/l	98
34) Benzene	8.600	78	219183	20.584	ug/l	97
35) Methacrylonitrile	7.777	41	40737	19.484	ug/l	97
36) 1,2-Dichloroethane	8.665	62	74316	22.303	ug/l	96
37) Trichloroethene	9.347	130	52038	20.255	ug/l	93
38) Methylcyclohexane	9.600	83	79106	19.272	ug/l	98
39) 1,2-Dichloropropane	9.618	63	53973	20.371	ug/l	99
40) Dibromomethane	9.706	93	37577	21.959	ug/l	98
41) Bromodichloromethane	9.888	83	78471	21.345	ug/l	98
42) Vinyl Acetate	6.600	43	646993	102.486	ug/l	99

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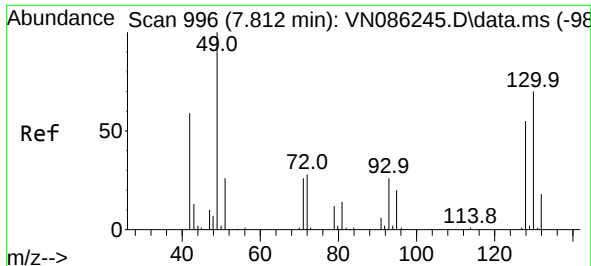
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	74747	19.981	ug/l	95
44) Isopropyl Acetate	8.682	43	142837	20.583	ug/l	99
45) 1,4-Dioxane	9.688	88	22720	411.718	ug/l #	92
46) Methyl methacrylate	9.676	41	63433	20.745	ug/l	93
47) n-amyl Acetate	12.488	43	120366	21.876	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	87075	20.951	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	91852	20.881	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	51738	21.556	ug/l	97
51) Ethyl methacrylate	10.870	69	93491	20.961	ug/l	96
52) 1,3-Dichloropropane	11.159	76	92180	21.548	ug/l	99
53) Dibromochloromethane	11.353	129	58559	22.305	ug/l	100
54) 1,2-Dibromoethane	11.465	107	54151	22.350	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	174821	103.727	ug/l	99
56) Bromoform	12.576	173	38865	22.627	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	391941	100.603	ug/l	99
59) 2-Hexanone	11.194	43	289212	99.694	ug/l	99
61) Tetrachloroethene	11.100	164	51391	20.270	ug/l	98
62) Toluene	10.629	91	238843	20.742	ug/l	99
64) Chlorobenzene	11.888	112	147968	21.033	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	50028	21.548	ug/l	99
66) Ethyl Benzene	11.959	91	262793	20.579	ug/l	99
67) m/p-Xylenes	12.065	106	199268	41.965	ug/l	100
68) o-Xylene	12.394	106	99599	21.325	ug/l	97
69) Styrene	12.406	104	166721	21.166	ug/l	99
70) Isopropylbenzene	12.694	105	244326	21.216	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	76305	23.279	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	106600	31.242	ug/l	58
73) Bromobenzene	12.976	156	58380	22.884	ug/l	92
74) n-propylbenzene	13.029	91	285750	21.014	ug/l	99
75) 2-Chlorotoluene	13.123	91	182117	21.307	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	199650	21.105	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	30615	19.460	ug/l	98
78) 4-Chlorotoluene	13.217	91	178916	20.960	ug/l	99
79) tert-butylbenzene	13.435	119	168008	20.525	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	204048	21.272	ug/l	99
81) sec-Butylbenzene	13.611	105	240467	21.060	ug/l	99
82) p-Isopropyltoluene	13.723	119	200292	21.028	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	104730	22.087	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	103672	21.794	ug/l	99
85) n-Butylbenzene	14.053	91	175882	20.468	ug/l	99
86) Hexachloroethane	14.329	117	32696	20.349	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	104835	22.392	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	15494	20.753	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	46708	20.504	ug/l	99
90) Hexachlorobutadiene	15.500	225	18593	18.904	ug/l	99
91) Naphthalene	15.635	128	176702	19.674	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	46708	20.504	ug/l	99

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

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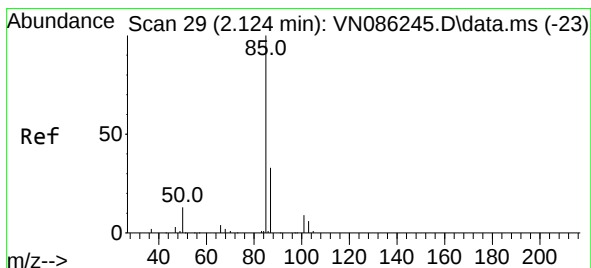
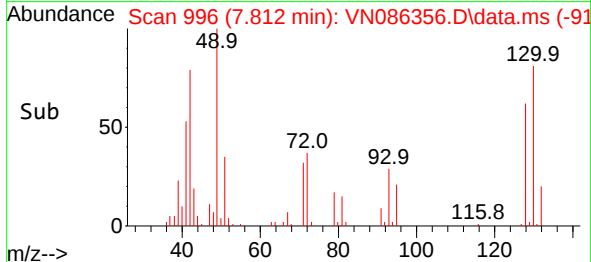
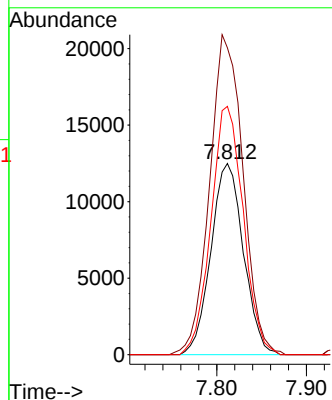
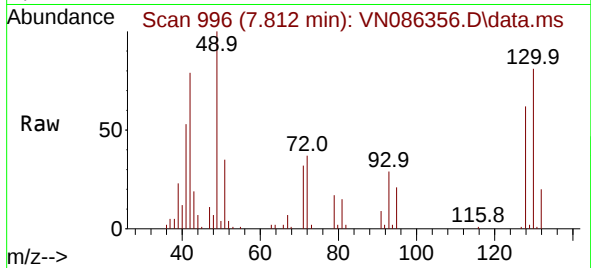




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086356.D
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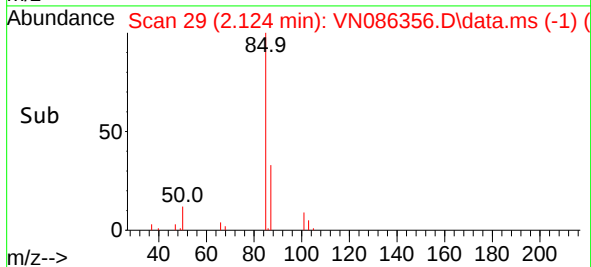
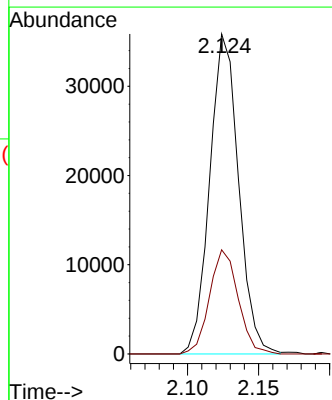
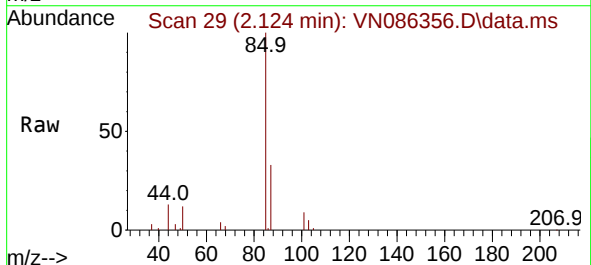
Instrument :
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VN0421WBSD01

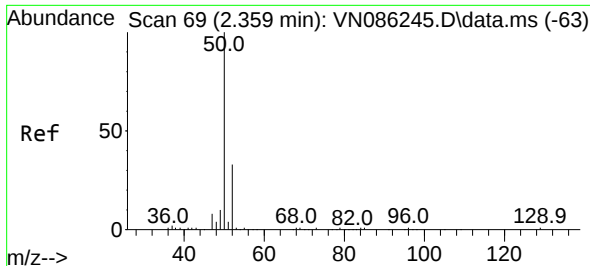
Tgt Ion:128 Resp: 31444
Ion Ratio Lower Upper
128 100
49 171.5 0.0 452.5
130 129.2 0.0 315.0



#2
Dichlorodifluoromethane
Concen: 20.100 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 85 Resp: 50639
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9

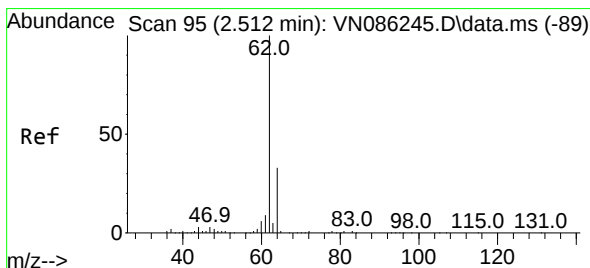
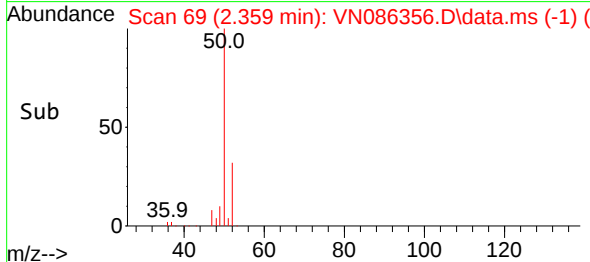
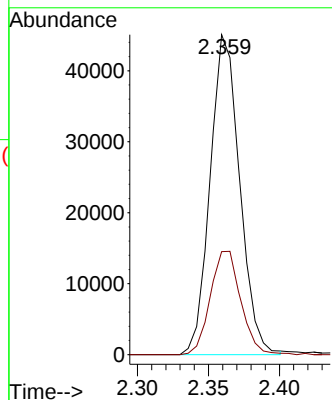
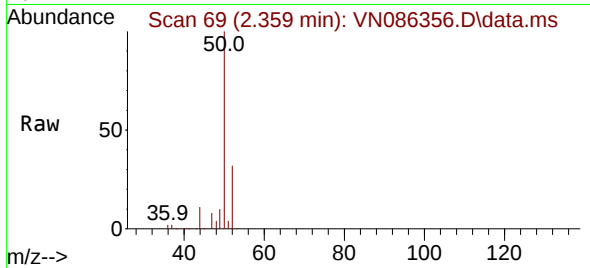




#3
Chloromethane
Concen: 18.754 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

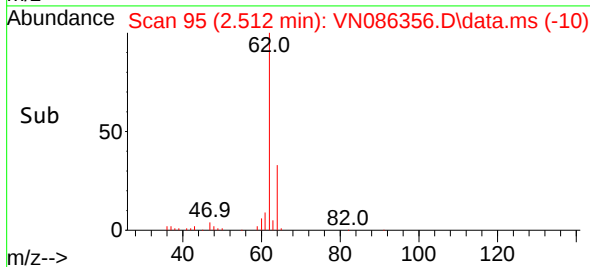
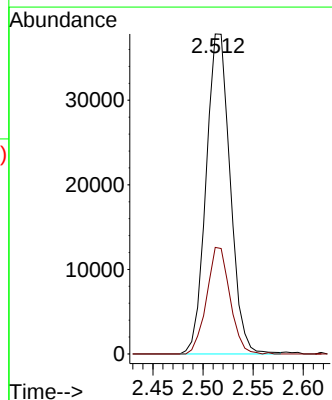
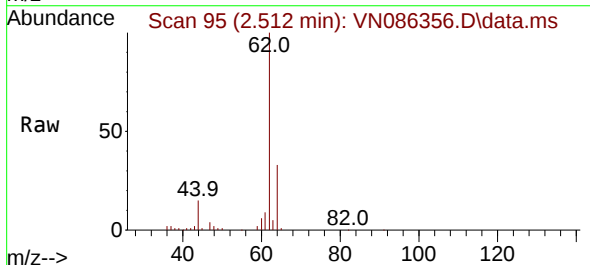
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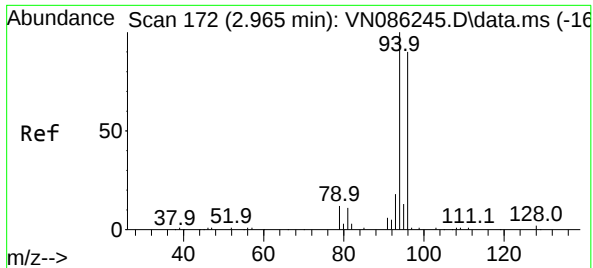
Tgt Ion: 50 Resp: 65303
Ion Ratio Lower Upper
50 100
52 32.2 26.4 39.6



#4
Vinyl Chloride
Concen: 19.034 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 62 Resp: 63129
Ion Ratio Lower Upper
62 100
64 33.3 26.3 39.5

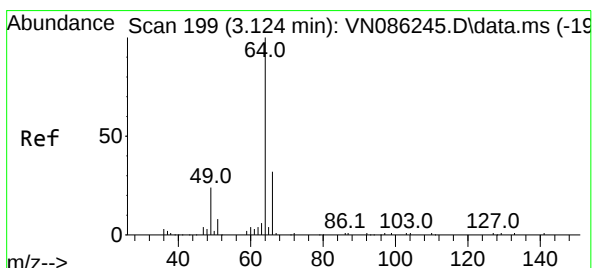
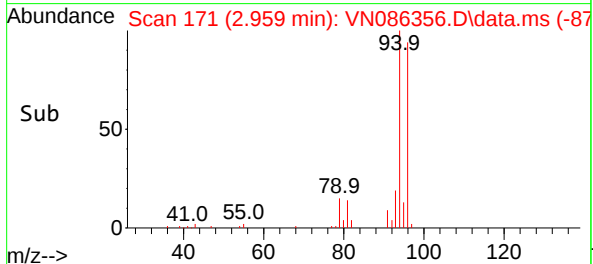
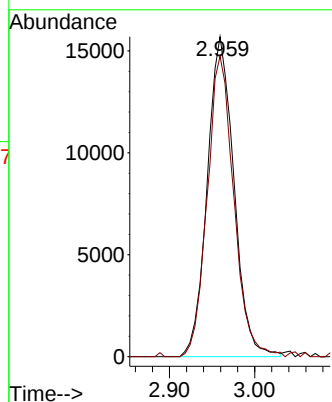
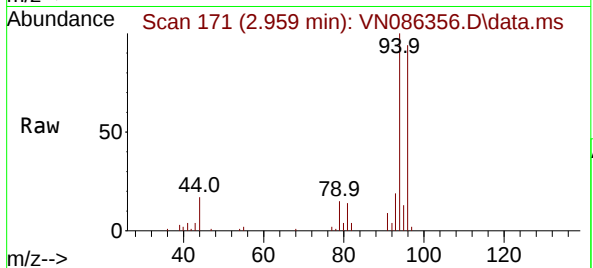




#5
Bromomethane
Concen: 20.661 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

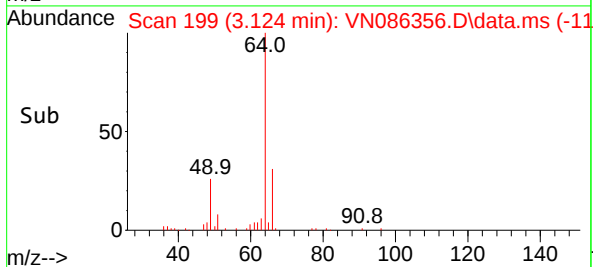
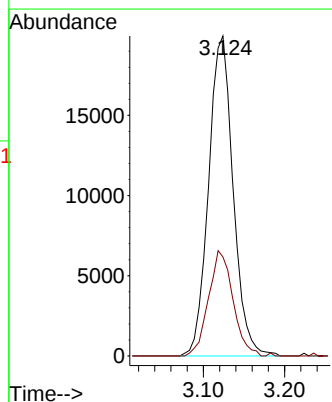
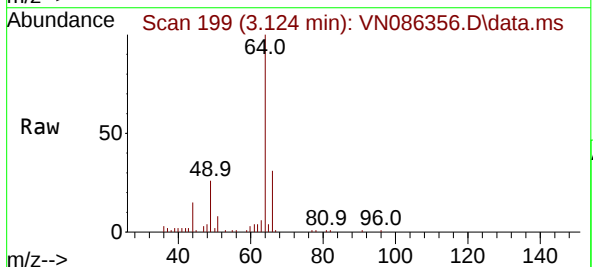
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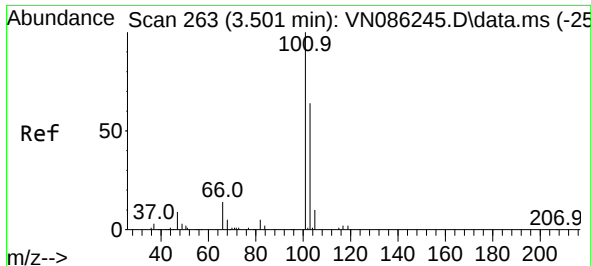
Tgt Ion: 94 Resp: 34182
Ion Ratio Lower Upper
94 100
96 93.9 72.2 108.2



#6
Chloroethane
Concen: 20.025 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086356.D
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Tgt Ion: 64 Resp: 41940
Ion Ratio Lower Upper
64 100
66 31.0 25.7 38.5

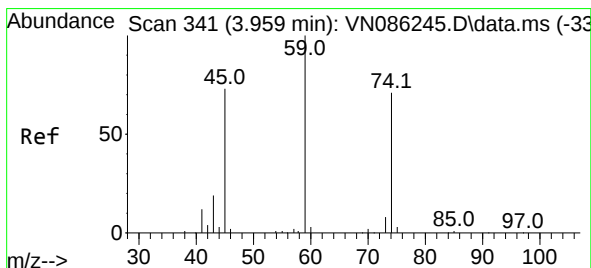
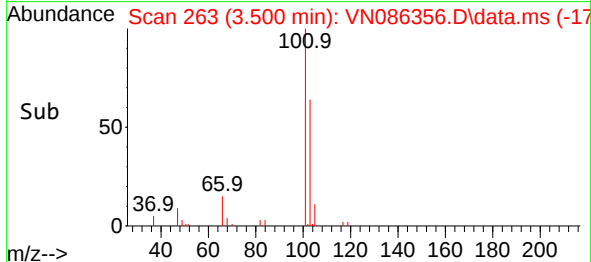
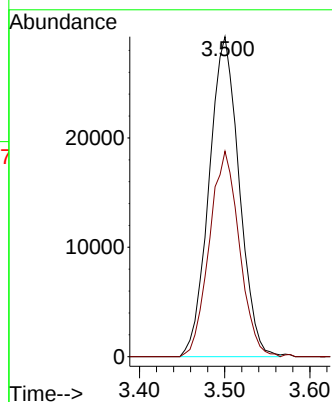
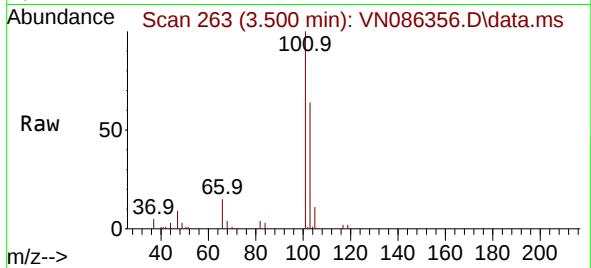




#7
 Trichlorofluoromethane
 Concen: 20.007 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086356.D
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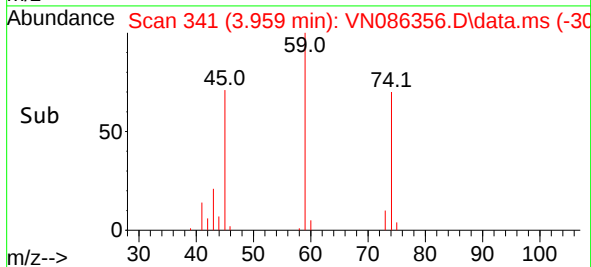
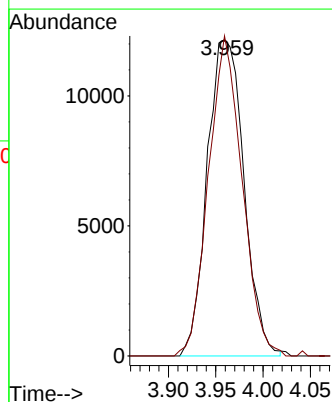
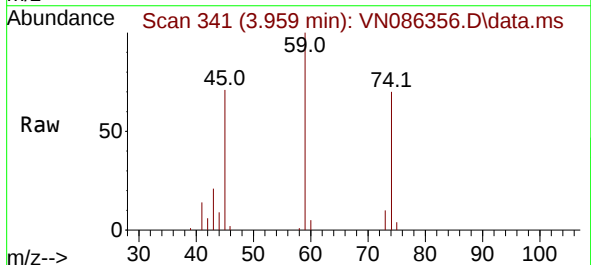
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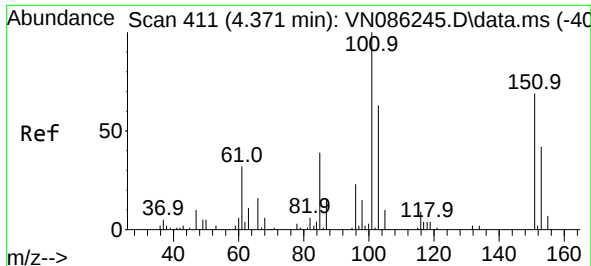
Tgt Ion:101 Resp: 71984
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8



#8
 Diethyl Ether
 Concen: 19.753 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086356.D
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Tgt Ion: 74 Resp: 32774
 Ion Ratio Lower Upper
 74 100
 45 92.5 19.2 173.2

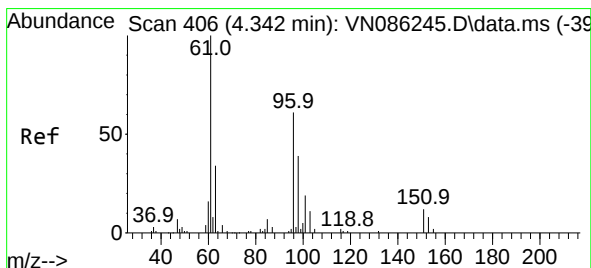
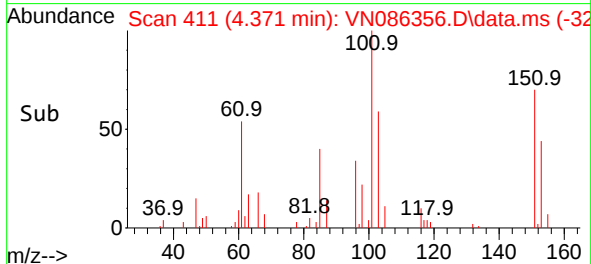
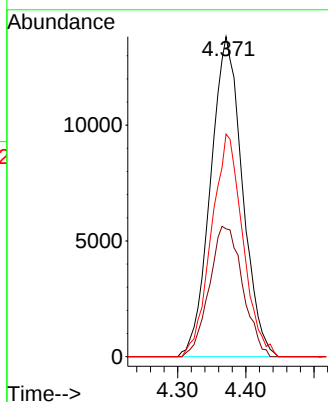
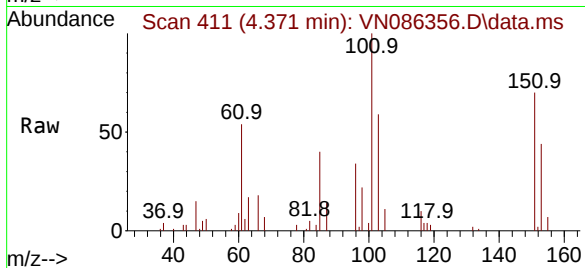




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.207 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
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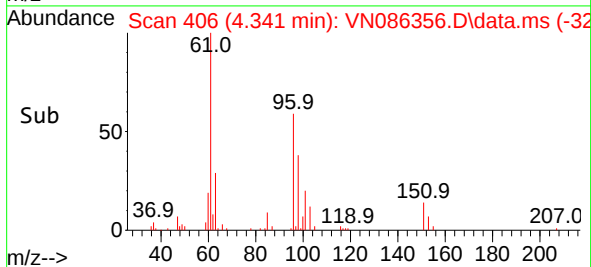
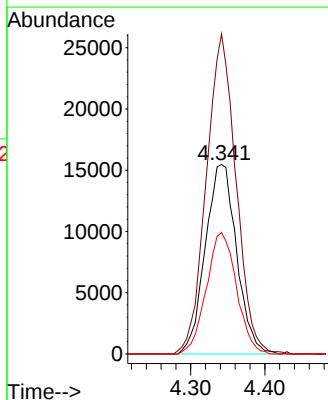
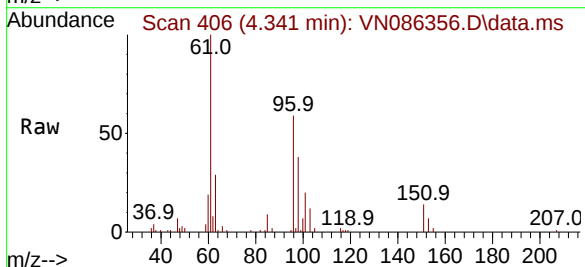
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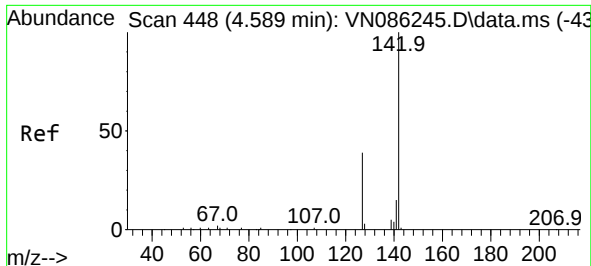
Tgt Ion:101 Resp: 44831
 Ion Ratio Lower Upper
 101 100
 85 42.7 0.0 93.0
 151 68.8 0.0 138.6



#10
 1,1-Dichloroethene
 Concen: 18.947 ug/l
 RT: 4.341 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

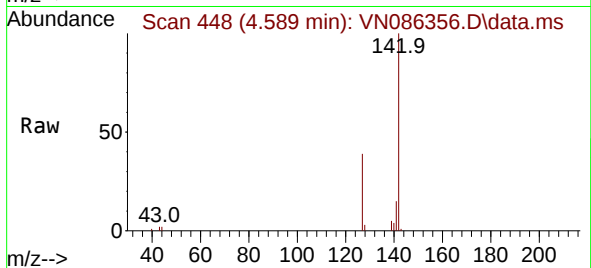
Tgt Ion: 96 Resp: 45367
 Ion Ratio Lower Upper
 96 100
 61 167.7 131.1 196.7
 98 64.1 51.6 77.4



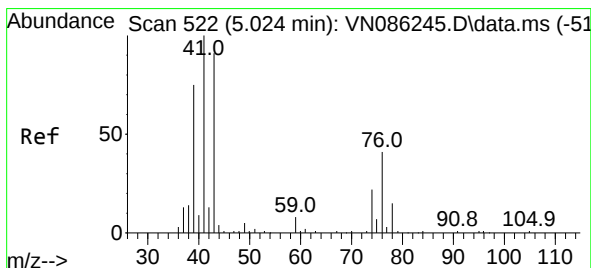
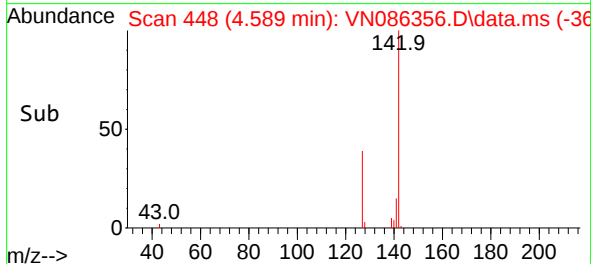
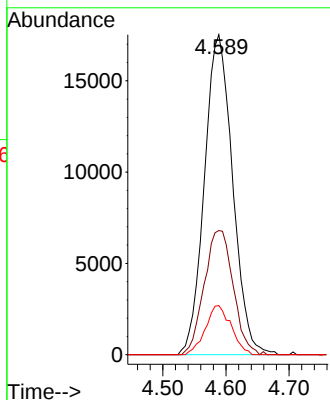


#11
Methyl Iodide
Concen: 19.786 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

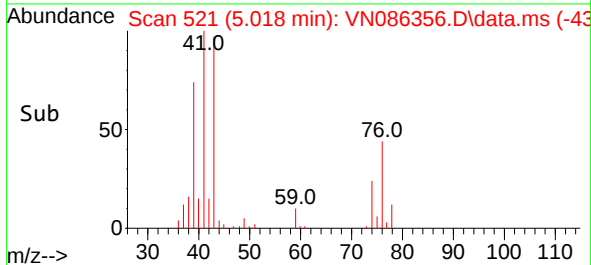
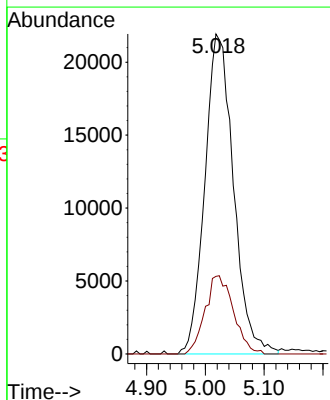
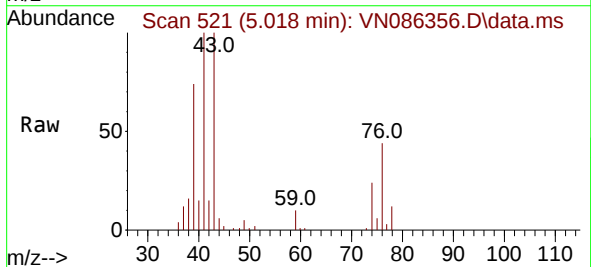


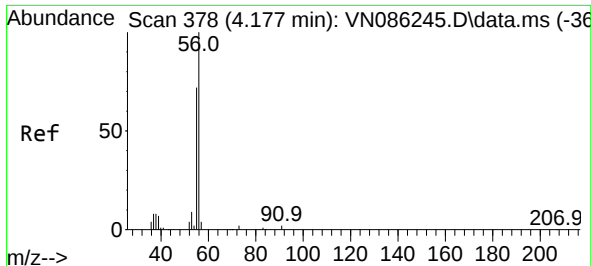
Tgt Ion:142 Resp: 54448
Ion Ratio Lower Upper
142 100
127 38.8 19.6 58.8
141 15.4 7.3 21.9



#12
Methyl Acetate
Concen: 21.957 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 43 Resp: 74240
Ion Ratio Lower Upper
43 100
74 24.4 19.1 28.7

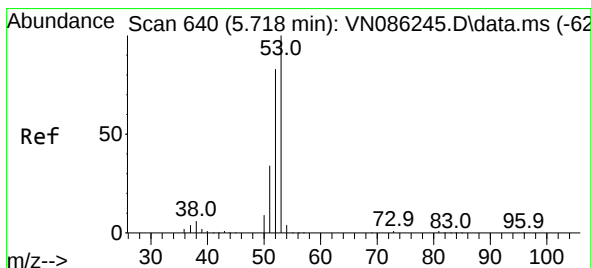
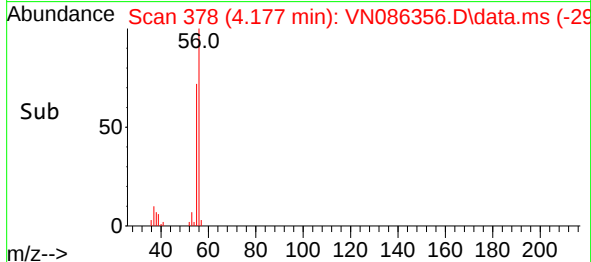
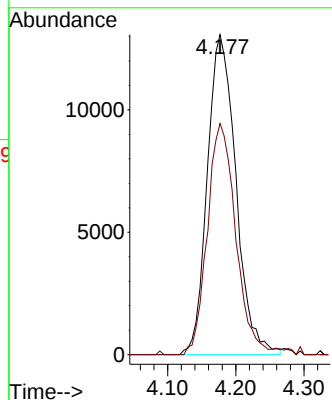
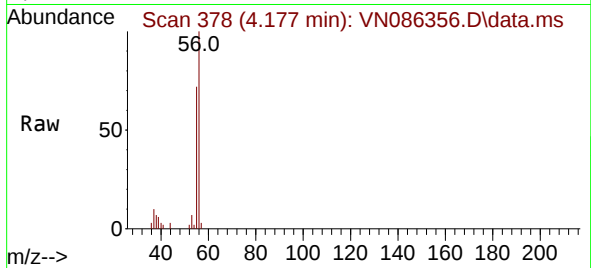




#13
Acrolein
Concen: 99.299 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

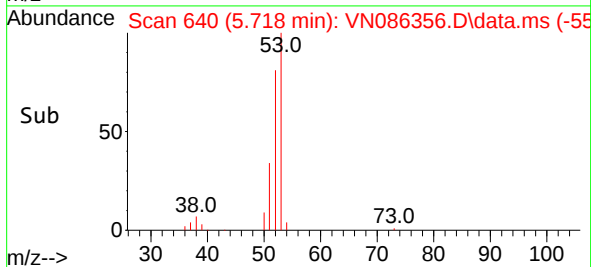
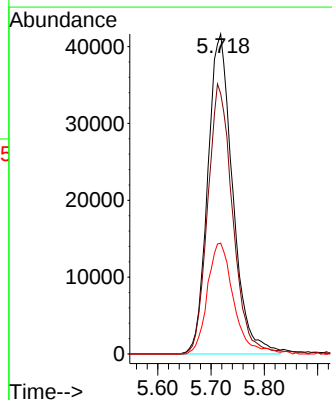
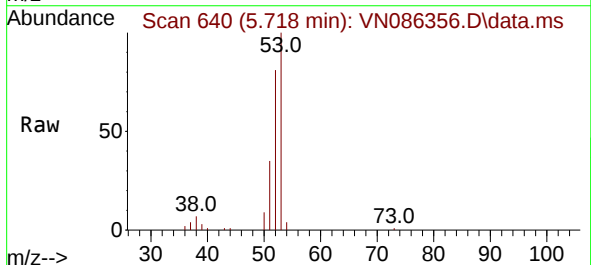
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

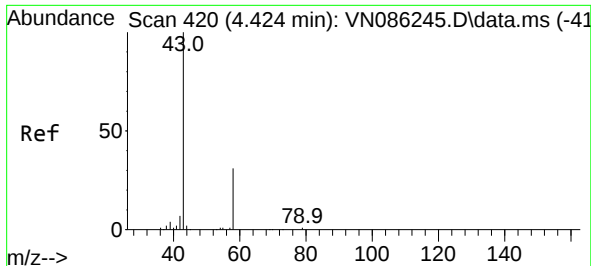
Tgt Ion: 56 Resp: 38164
Ion Ratio Lower Upper
56 100
55 71.2 56.5 84.7



#14
Acrylonitrile
Concen: 94.938 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 53 Resp: 135514
Ion Ratio Lower Upper
53 100
52 83.6 40.2 120.6
51 35.5 17.5 52.6





#15

Acetone

Concen: 94.285 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

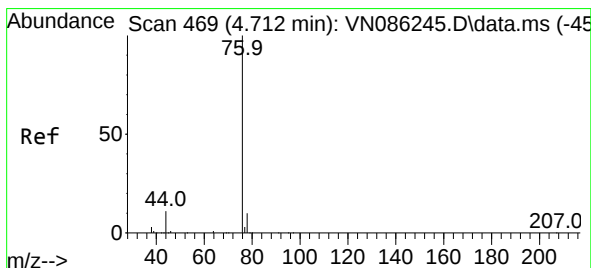
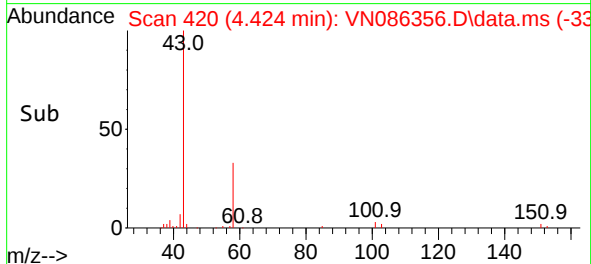
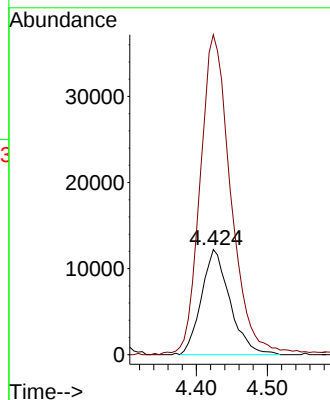
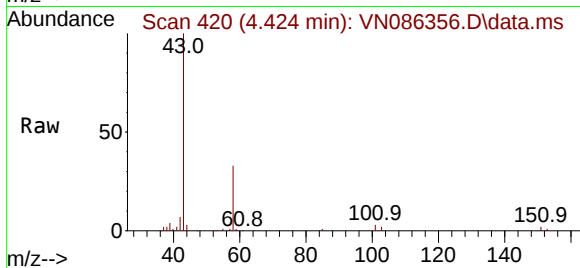
VN0421WBSD01

Tgt Ion: 58 Resp: 34124

Ion Ratio Lower Upper

58 100

43 299.9 261.8 392.8



#16

Carbon Disulfide

Concen: 17.920 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086356.D

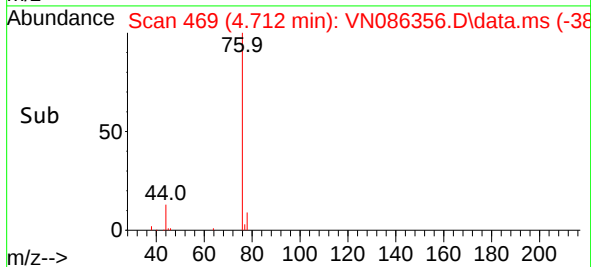
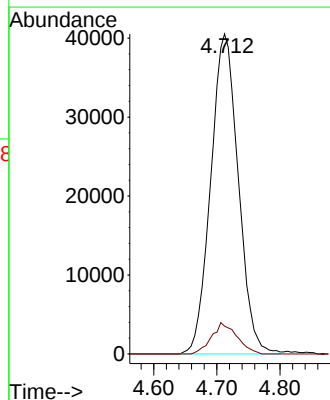
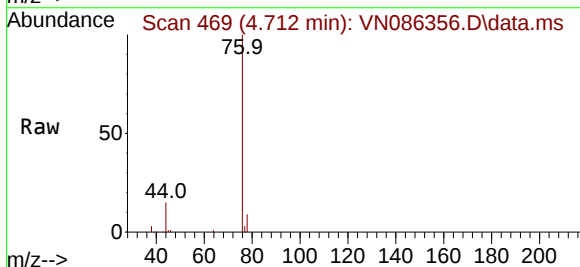
Acq: 21 Apr 2025 12:48

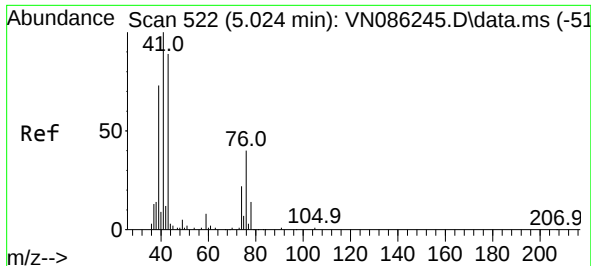
Tgt Ion: 76 Resp: 123031

Ion Ratio Lower Upper

76 100

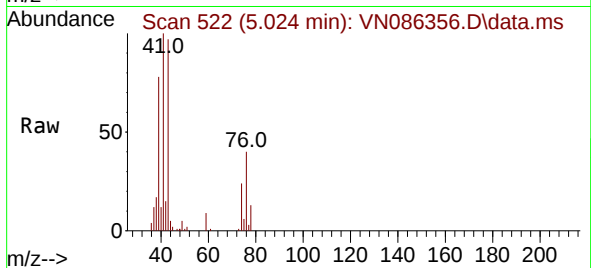
78 8.7 7.7 11.5



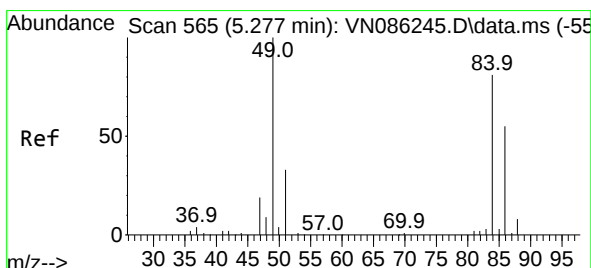
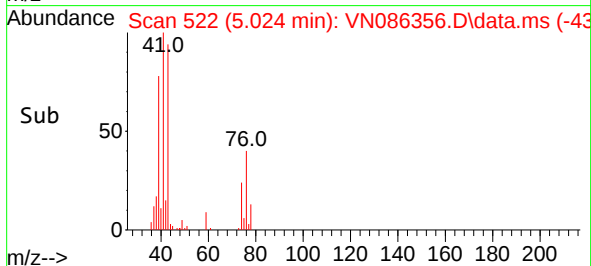
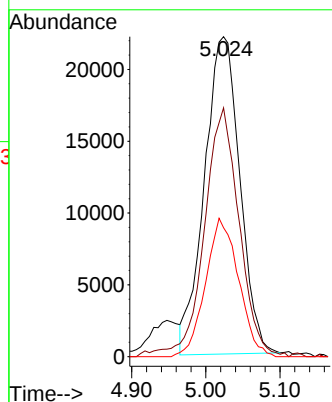


#17
Allyl chloride
Concen: 17.586 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

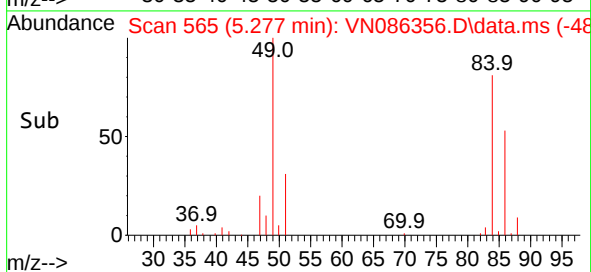
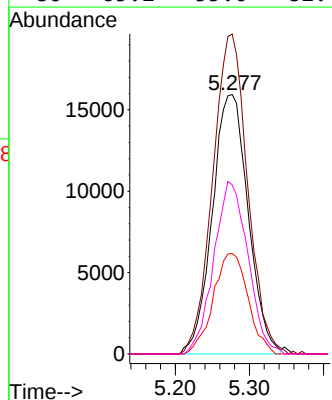
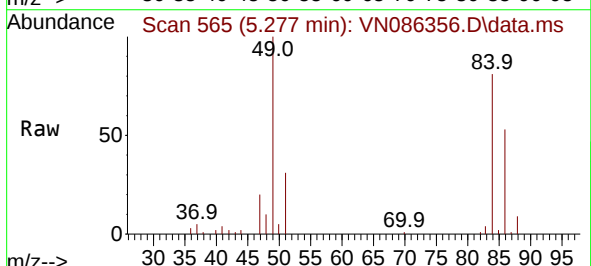


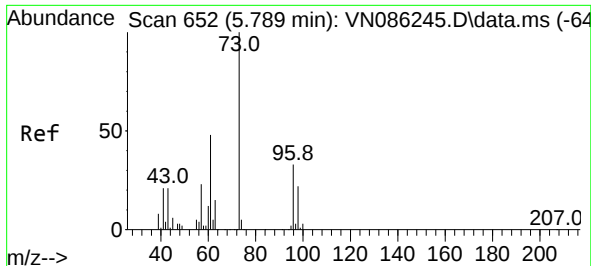
Tgt Ion:	41	Resp:	73388
Ion	Ratio	Lower	Upper
41	100		
39	78.0	34.4	103.2
76	40.8	18.8	56.3



#18
Methylene Chloride
Concen: 19.594 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion:	84	Resp:	53489
Ion	Ratio	Lower	Upper
84	100		
49	123.3	99.1	148.7
51	38.7	32.3	48.5
86	65.2	55.0	82.4

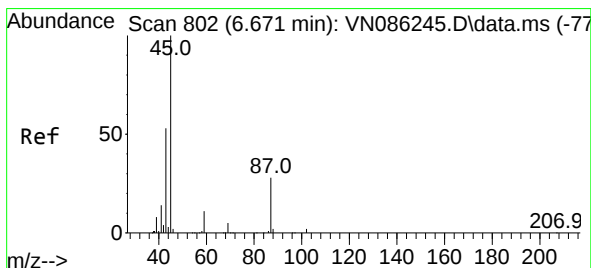
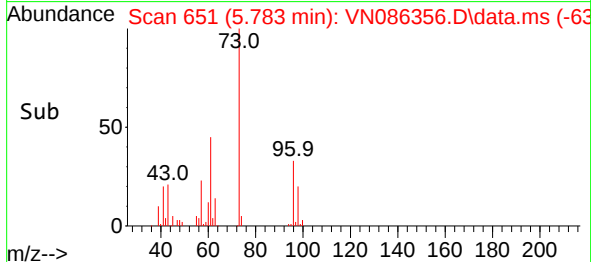
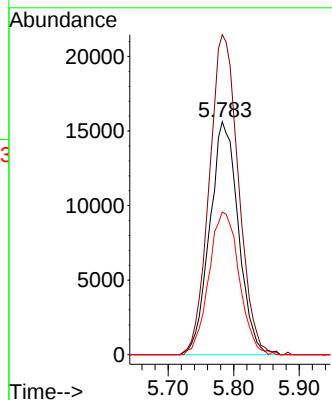
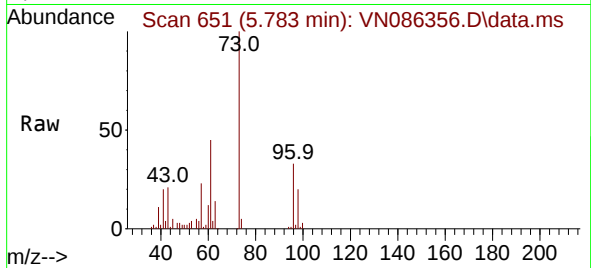




#19
trans-1,2-Dichloroethene
Concen: 18.780 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

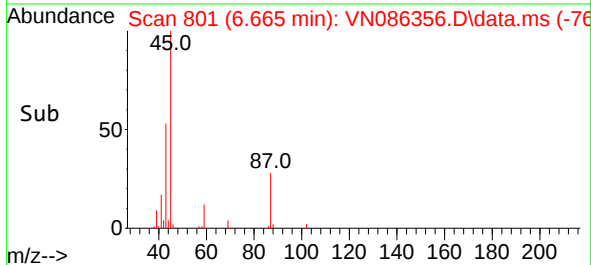
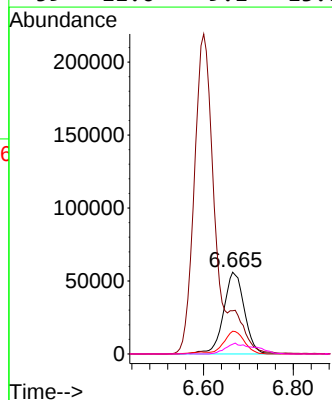
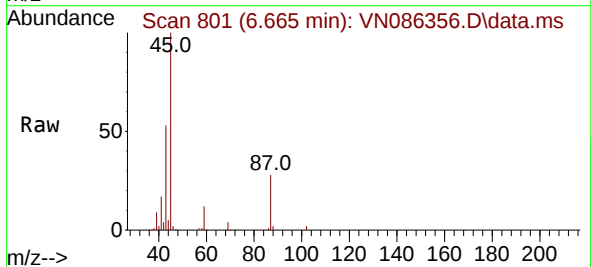
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

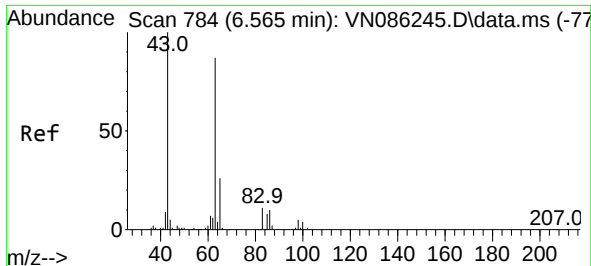
Tgt Ion: 96 Resp: 47363
Ion Ratio Lower Upper
96 100
61 137.4 115.9 173.9
98 61.3 52.1 78.1



#20
Diisopropyl ether
Concen: 20.141 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 45 Resp: 180698
Ion Ratio Lower Upper
45 100
43 52.0 42.3 63.5
87 27.9 22.2 33.4
59 11.6 9.1 13.7





#21

1,1-Dichloroethane

Concen: 19.618 ug/l

RT: 6.565 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN086356.D

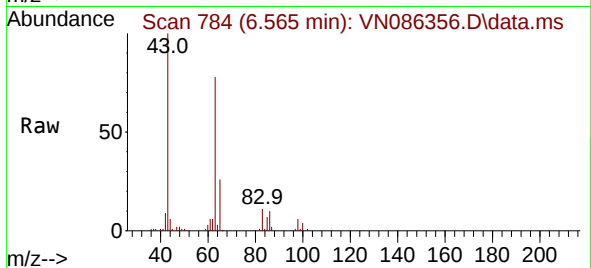
Acq: 21 Apr 2025 12:48

Instrument :

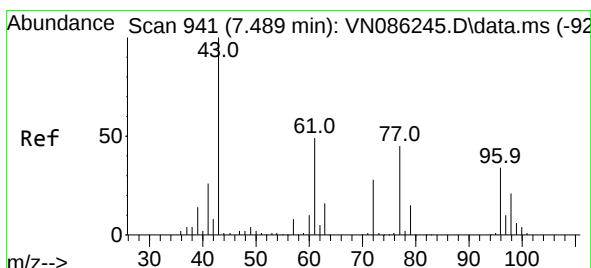
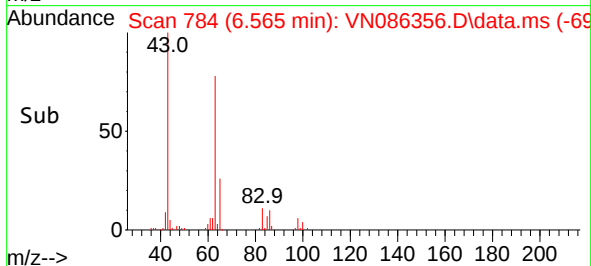
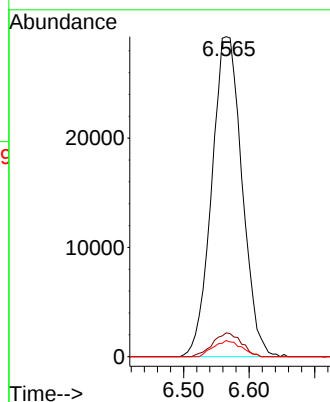
MSVOA_N

ClientSampleId :

VN0421WBSD01



Tgt Ion:	63	Resp:	93905
Ion Ratio	Lower	Upper	
63	100		
98	7.4	3.1	9.3
100	5.0	2.3	6.9



#22

cis-1,2-Dichloroethene

Concen: 20.201 ug/l

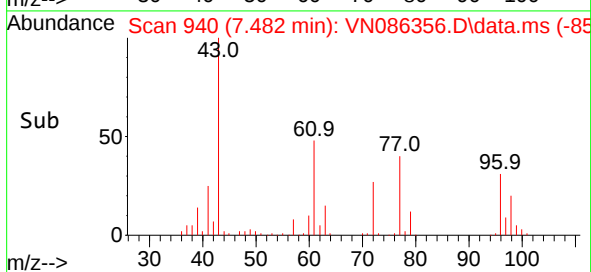
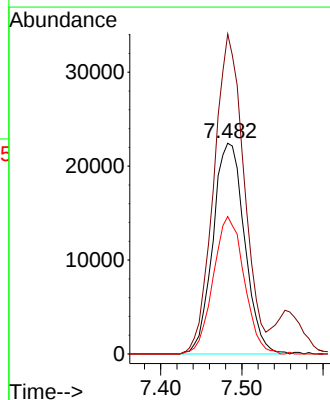
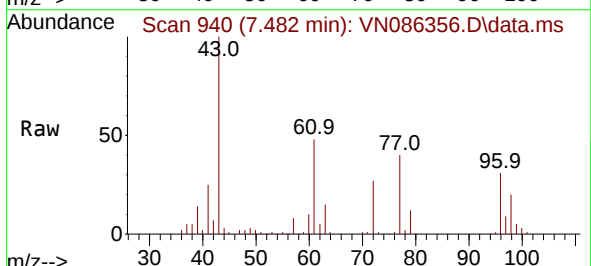
RT: 7.482 min Scan# 940

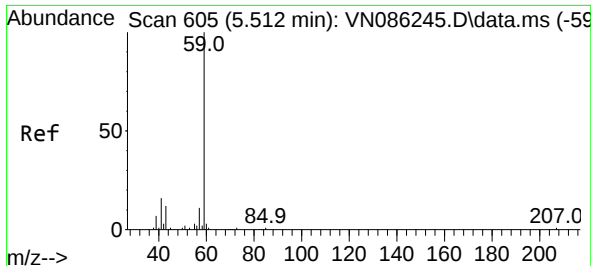
Delta R.T. -0.006 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

Tgt Ion:	96	Resp:	60692
Ion Ratio	Lower	Upper	
96	100		
61	145.5	119.5	179.3
98	63.7	51.0	76.6

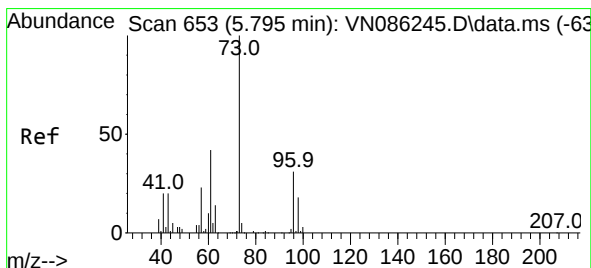
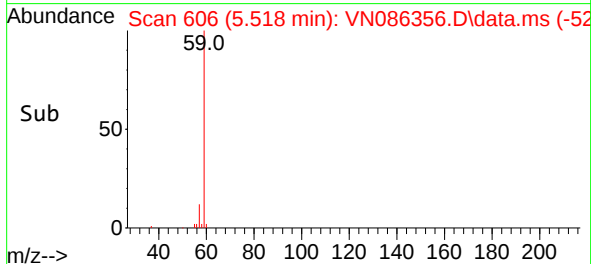
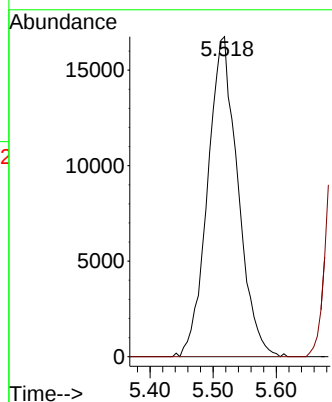
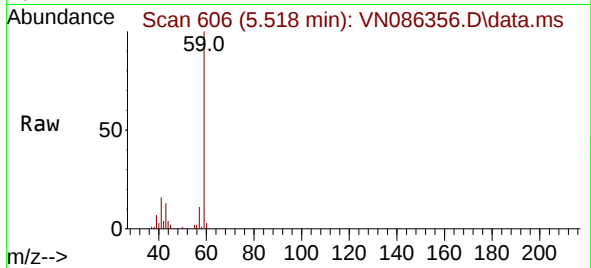




#23
tert-Butyl Alcohol
Concen: 93.764 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

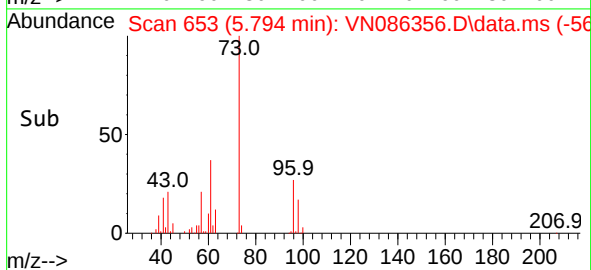
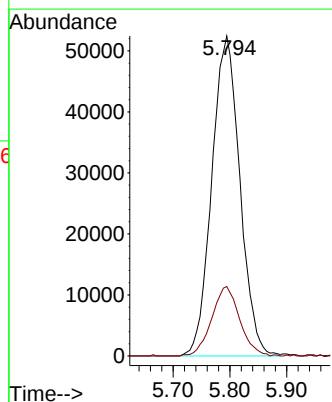
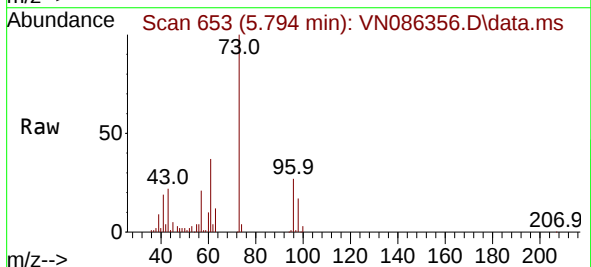
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

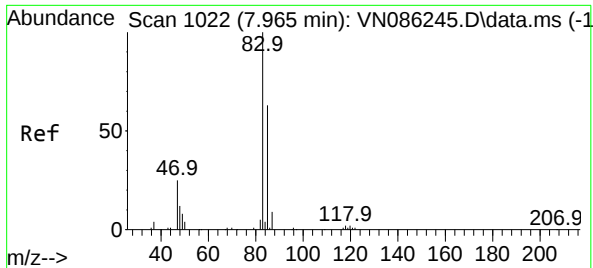
Tgt Ion: 59 Resp: 55456
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.851 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 73 Resp: 180170
Ion Ratio Lower Upper
73 100
43 21.6 16.8 25.2

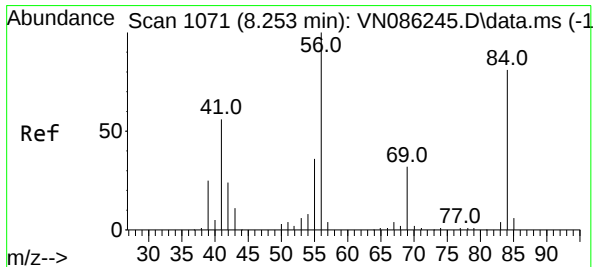
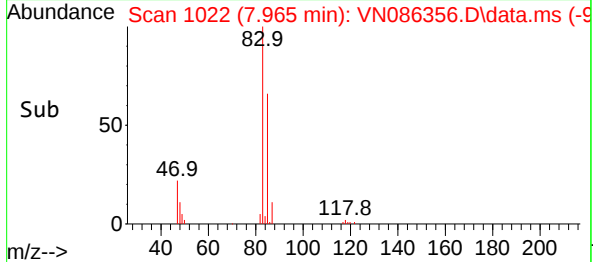
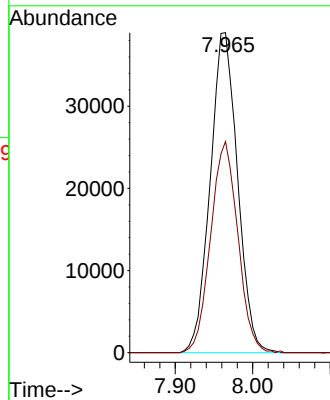
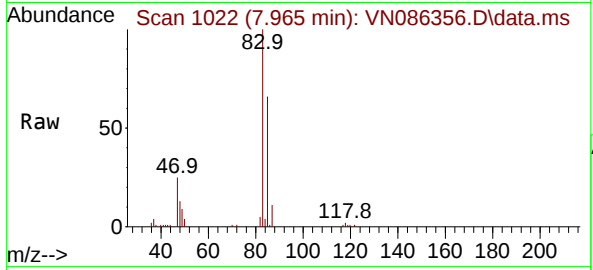




#25
Chloroform
Concen: 21.011 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

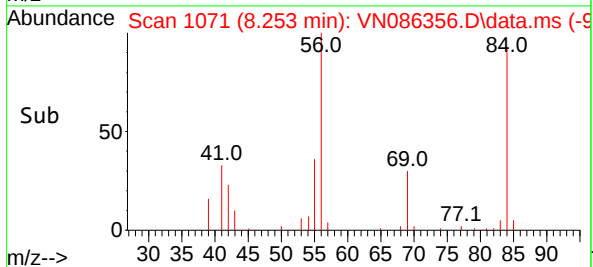
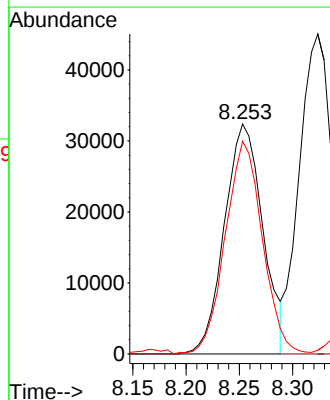
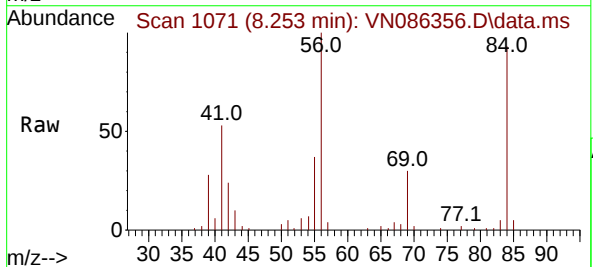
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

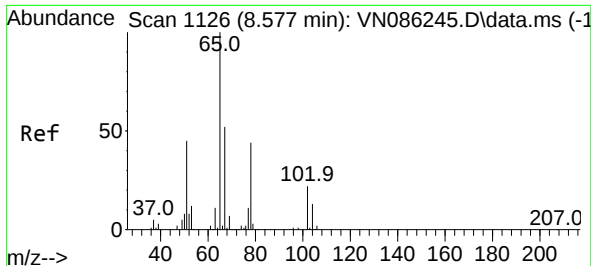
Tgt Ion: 83 Resp: 95904
Ion Ratio Lower Upper
83 100
85 66.0 50.5 75.7



#26
Cyclohexane
Concen: 18.139 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 56 Resp: 81228
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.5 69.0 103.4

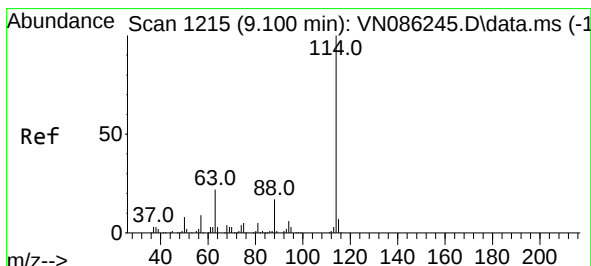
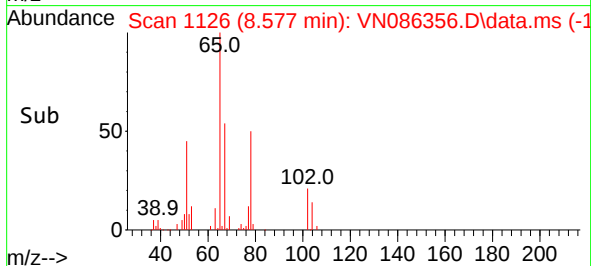
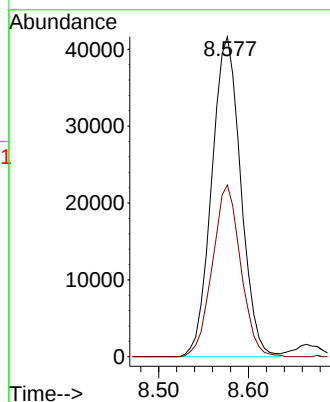
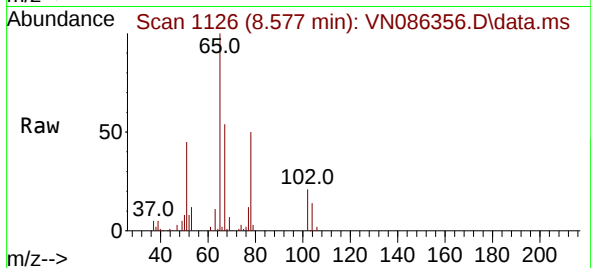




#27
 1,2-Dichloroethane-d4
 Concen: 30.490 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

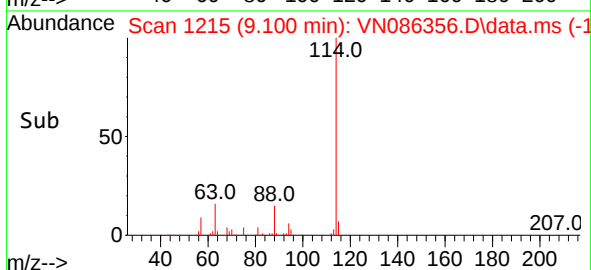
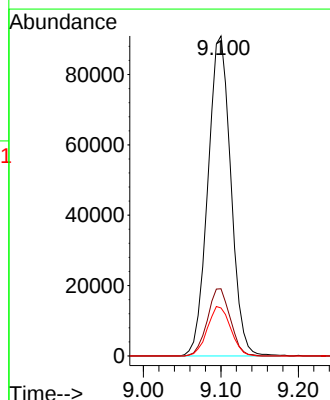
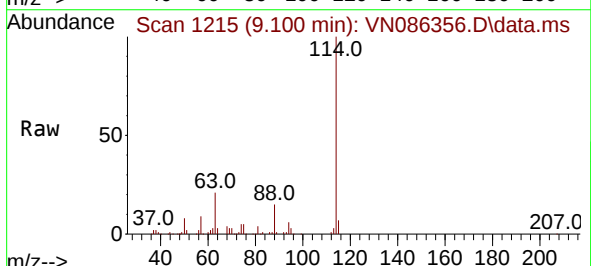
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0421WBSD01

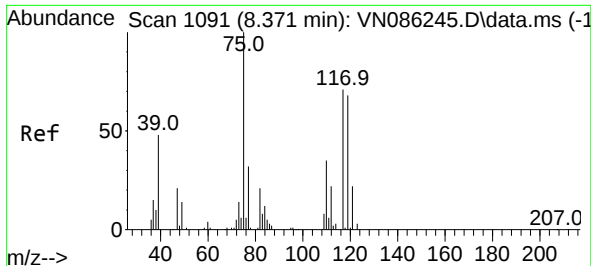
Tgt Ion: 65 Resp: 93511
 Ion Ratio Lower Upper
 65 100
 67 52.2 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

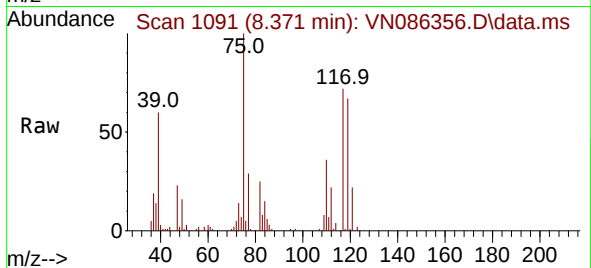
Tgt Ion: 114 Resp: 186836
 Ion Ratio Lower Upper
 114 100
 63 21.0 17.8 26.6
 88 15.7 13.4 20.2



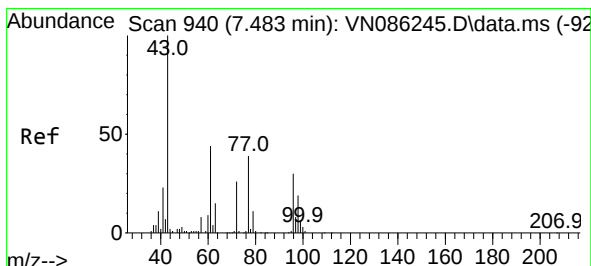
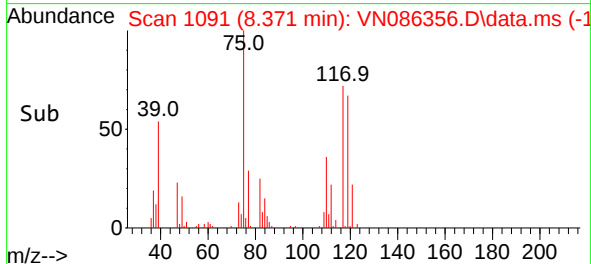
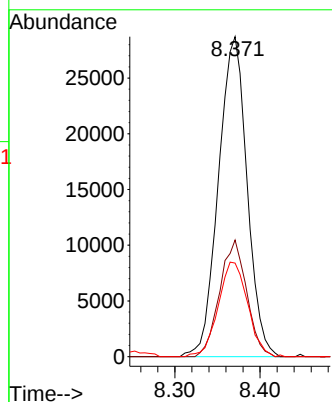


#29
1,1-Dichloropropene
Concen: 20.014 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

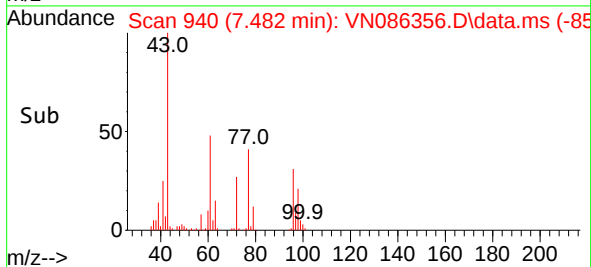
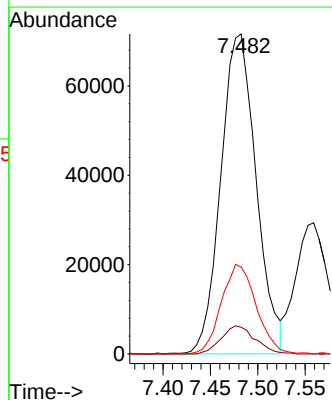
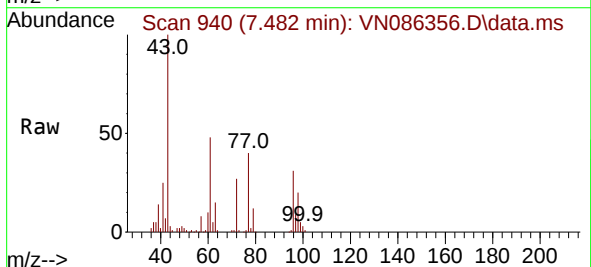


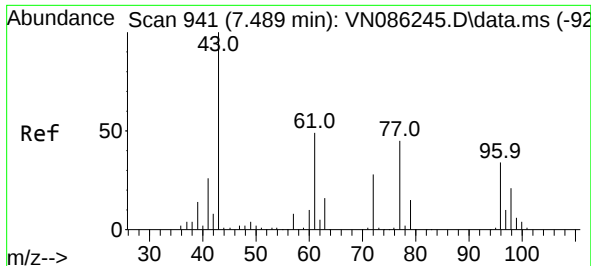
Tgt Ion: 75 Resp: 66986
Ion Ratio Lower Upper
75 100
110 34.3 0.0 68.6
77 30.3 0.0 63.8



#30
2-Butanone
Concen: 100.344 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 43 Resp: 186098
Ion Ratio Lower Upper
43 100
57 8.4 6.4 9.6
72 27.5 21.5 32.3

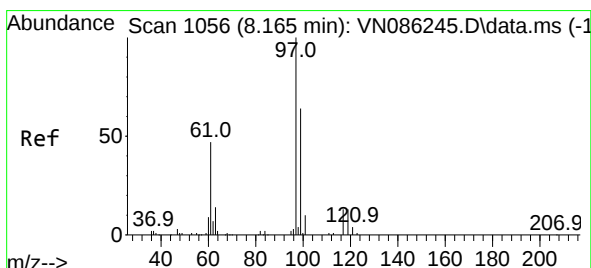
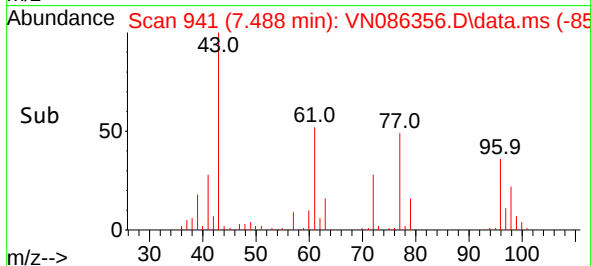
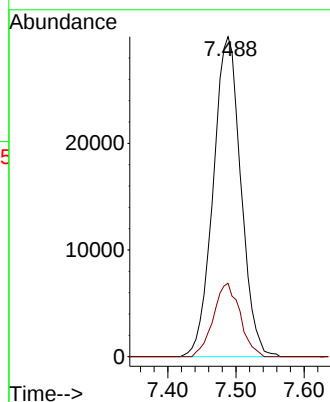
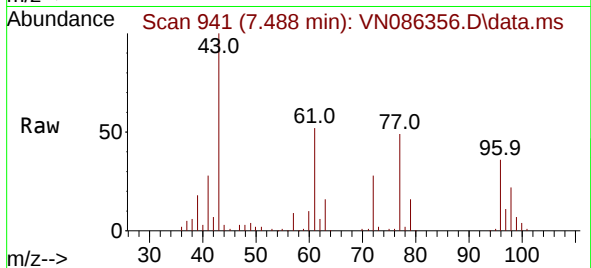




#31
2,2-Dichloropropane
Concen: 20.579 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

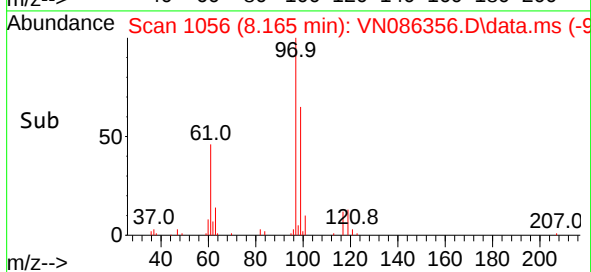
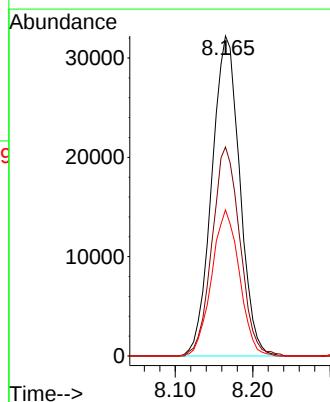
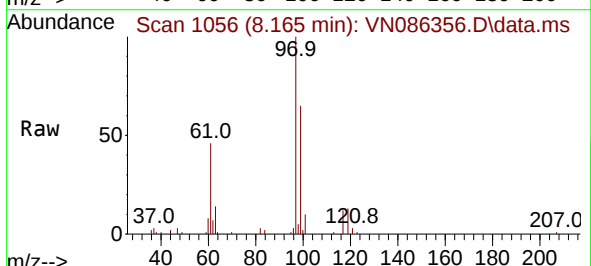
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

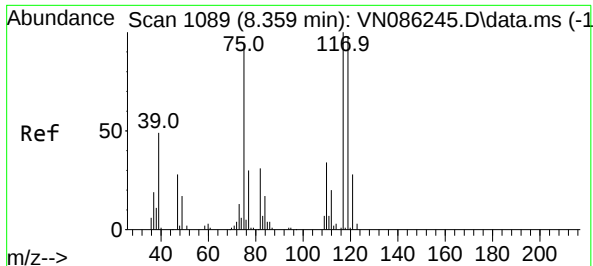
Tgt Ion: 77 Resp: 84782
Ion Ratio Lower Upper
77 100
97 22.1 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 20.990 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

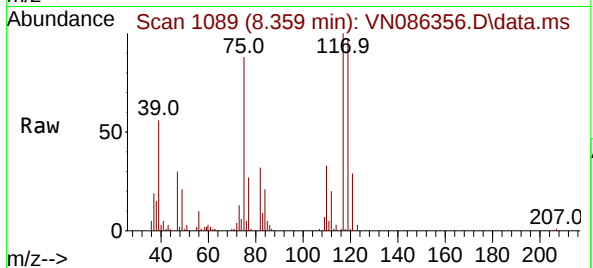
Tgt Ion: 97 Resp: 80813
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.2
61 45.4 37.0 55.6



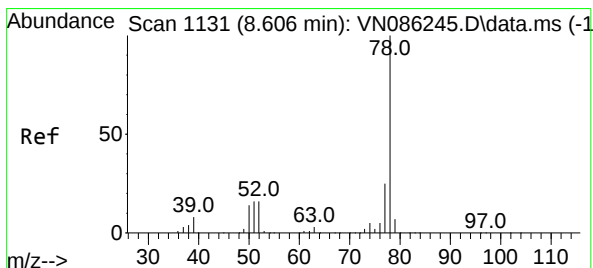
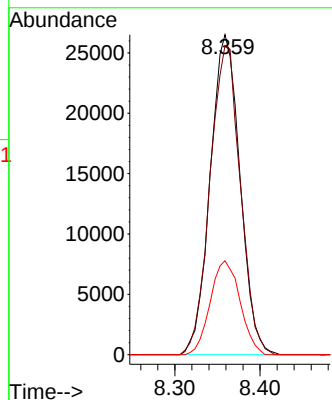
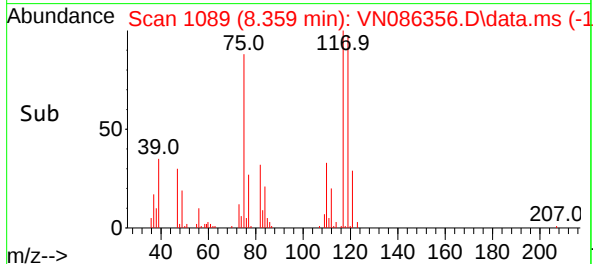


#33
Carbon Tetrachloride
Concen: 20.871 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

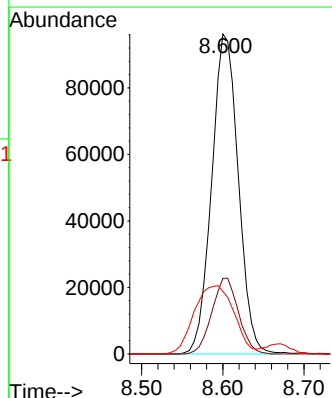
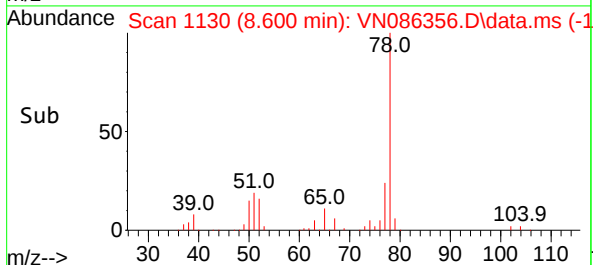
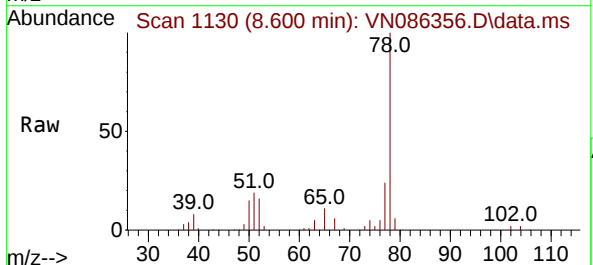


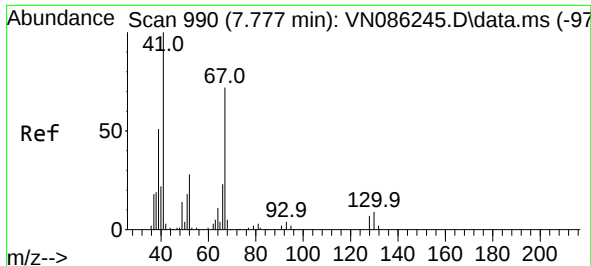
Tgt Ion:117 Resp: 64217
Ion Ratio Lower Upper
117 100
119 96.6 78.3 117.5
121 29.3 22.5 33.7



#34
Benzene
Concen: 20.584 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 78 Resp: 219183
Ion Ratio Lower Upper
78 100
77 23.6 20.0 30.0
51 17.2 12.9 19.3

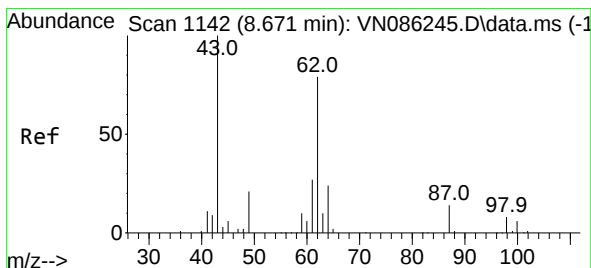
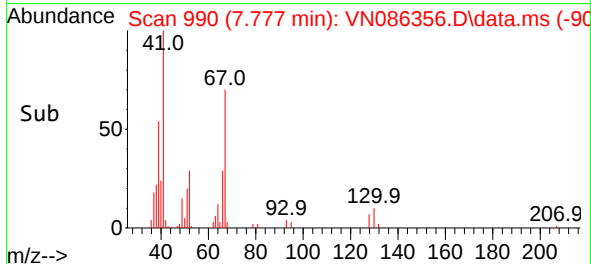
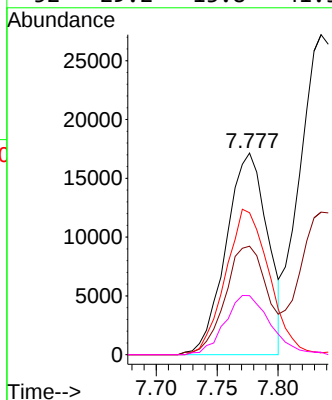
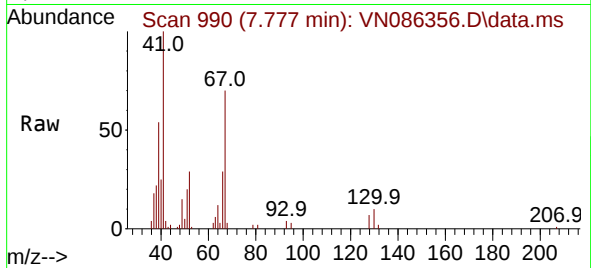




#35
Methacrylonitrile
Concen: 19.484 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

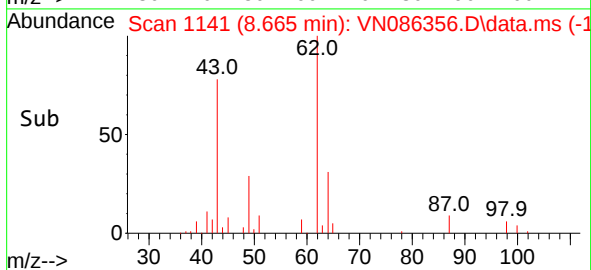
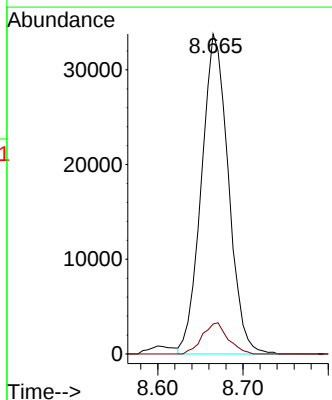
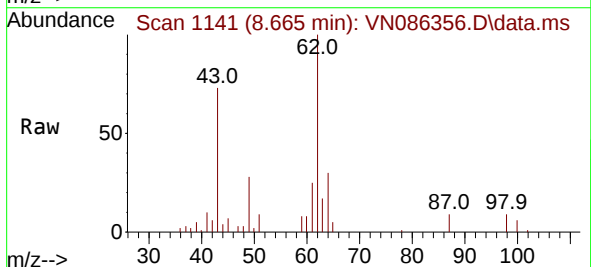
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

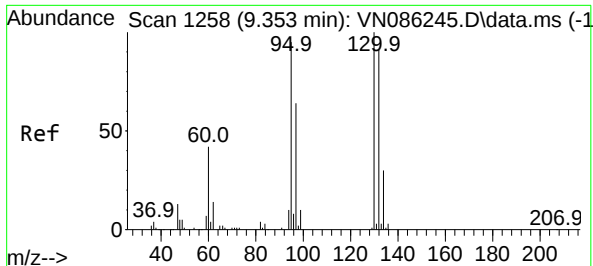
Tgt Ion:	41	Resp:	40737
Ion Ratio	Lower	Upper	
41	100		
39	53.8	25.8	77.3
67	70.4	36.0	108.0
52	29.2	13.8	41.3



#36
1,2-Dichloroethane
Concen: 22.303 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion:	62	Resp:	74316
Ion Ratio	Lower	Upper	
62	100		
98	9.2	8.6	12.8





#37

Trichloroethene

Concen: 20.255 ug/l

RT: 9.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

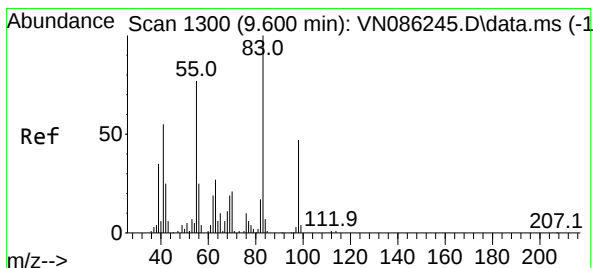
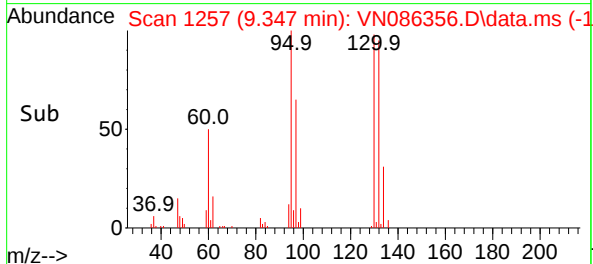
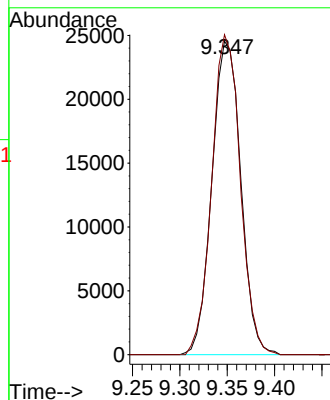
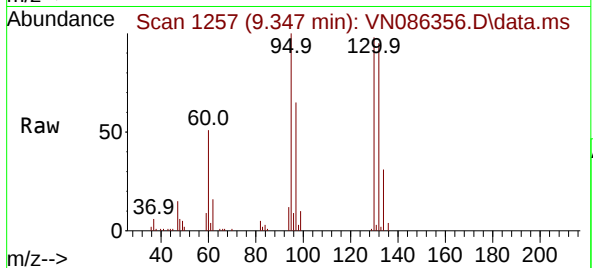
VN0421WBSD01

Tgt Ion:130 Resp: 52038

Ion Ratio Lower Upper

130 100

95 102.1 76.4 114.6



#38

Methylcyclohexane

Concen: 19.272 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

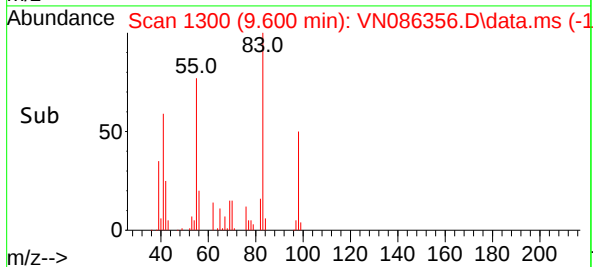
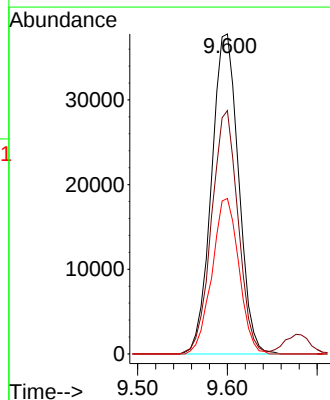
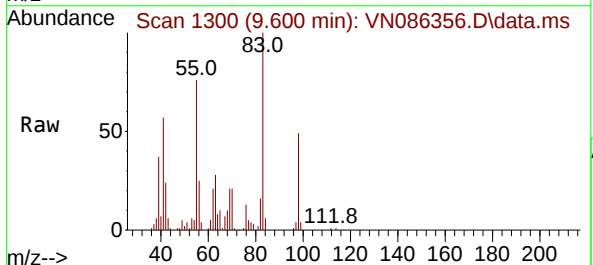
Tgt Ion: 83 Resp: 79106

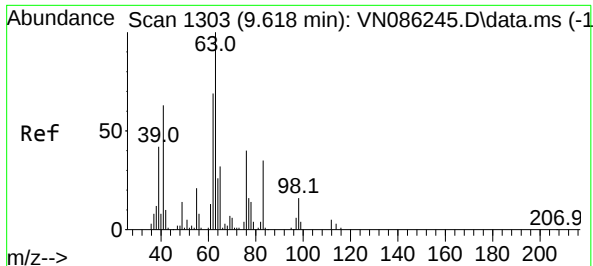
Ion Ratio Lower Upper

83 100

55 74.6 38.5 115.5

98 48.3 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.371 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

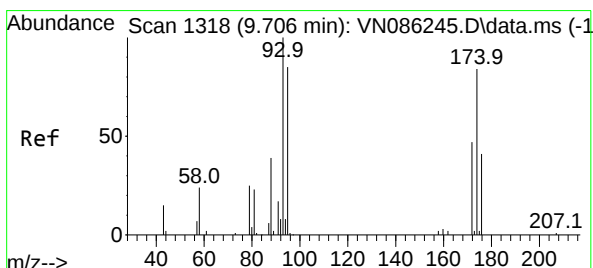
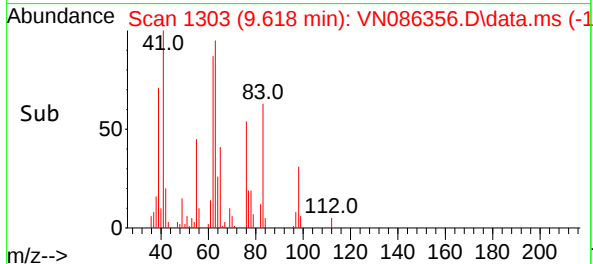
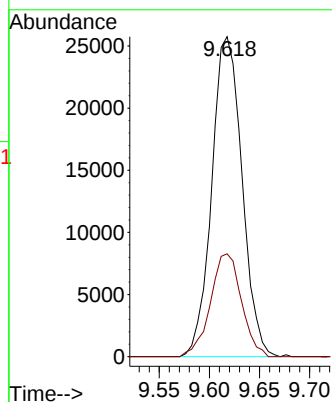
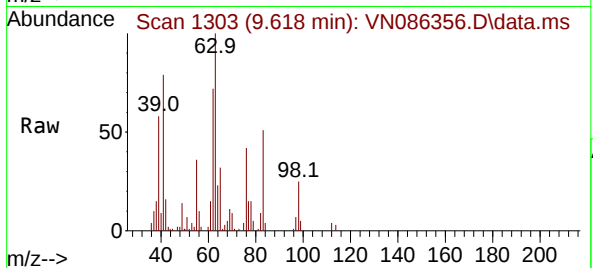
VN0421WBSD01

Tgt Ion: 63 Resp: 53973

Ion Ratio Lower Upper

63 100

65 32.2 26.0 39.0



#40

Dibromomethane

Concen: 21.959 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

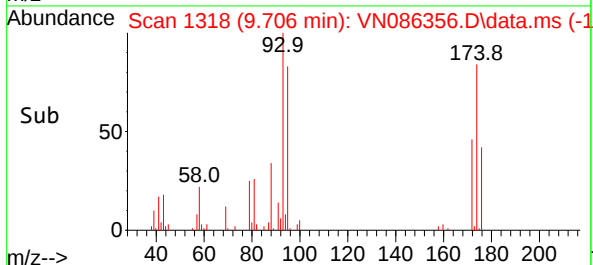
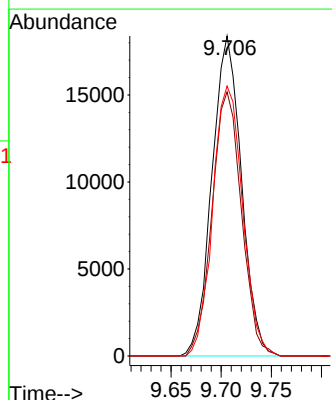
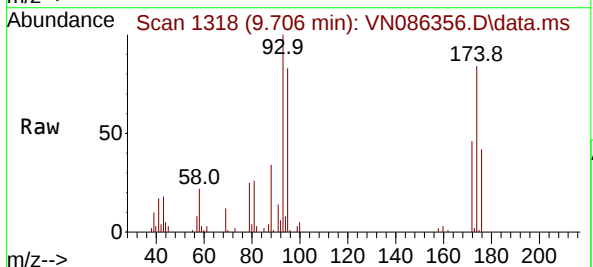
Tgt Ion: 93 Resp: 37577

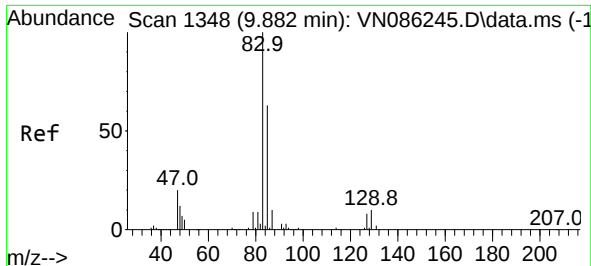
Ion Ratio Lower Upper

93 100

95 82.4 0.0 169.0

174 85.7 0.0 168.0

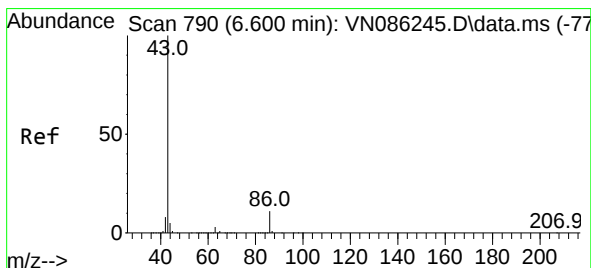
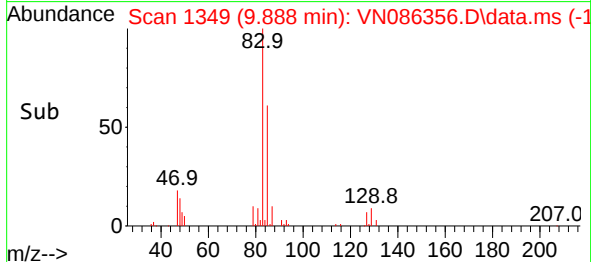
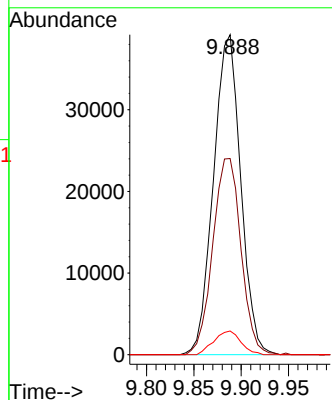
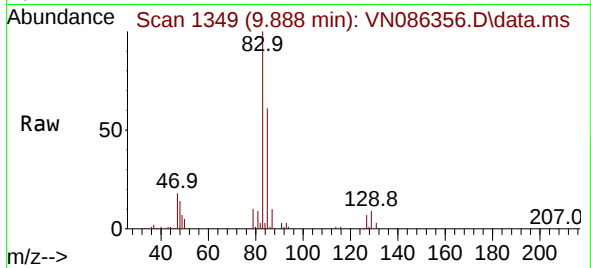




#41
Bromodichloromethane
Concen: 21.345 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

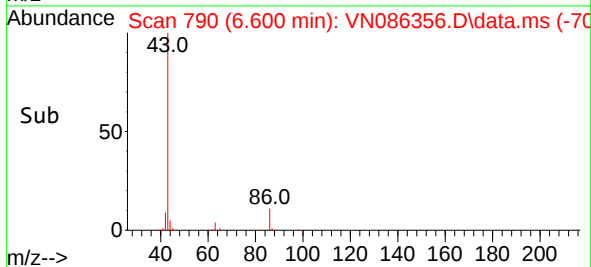
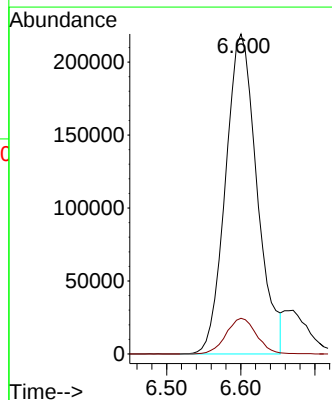
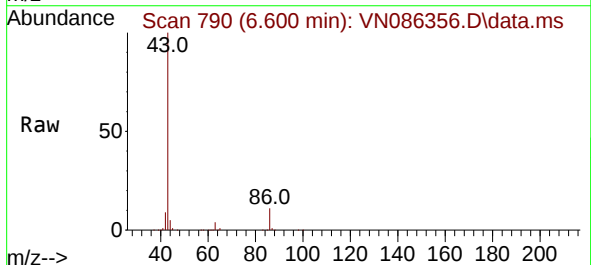
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

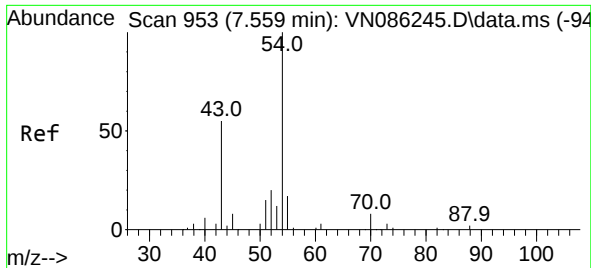
Tgt Ion: 83 Resp: 78471
Ion Ratio Lower Upper
83 100
85 61.3 50.2 75.2
127 7.4 6.2 9.4



#42
Vinyl Acetate
Concen: 102.486 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 43 Resp: 646993
Ion Ratio Lower Upper
43 100
86 10.8 8.4 12.6

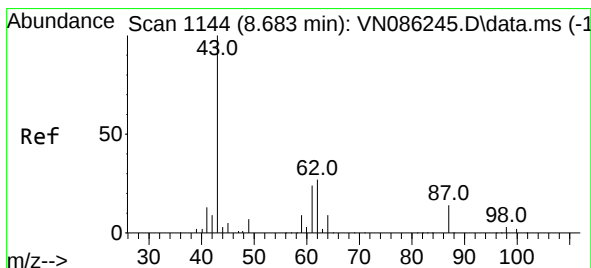
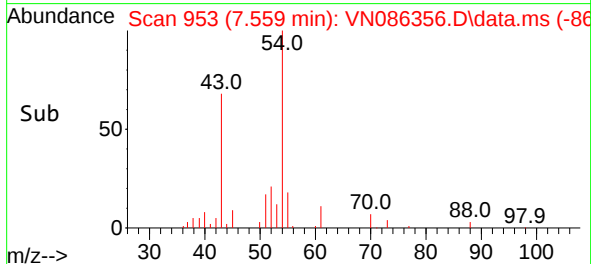
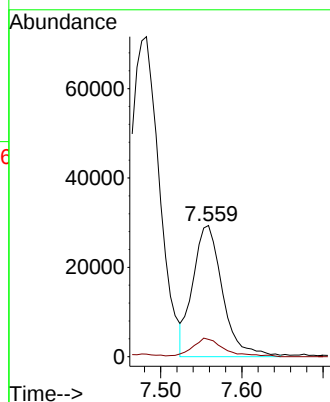
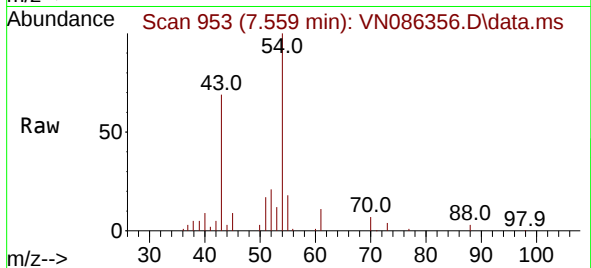




#43
Ethyl Acetate
Concen: 19.981 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

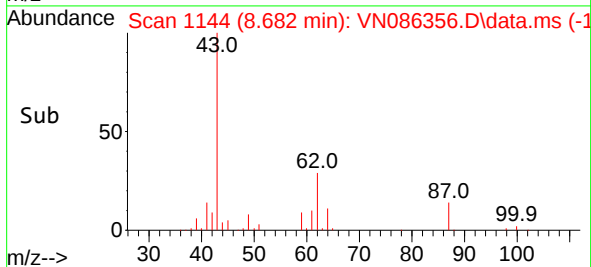
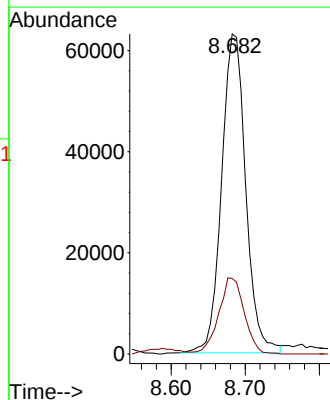
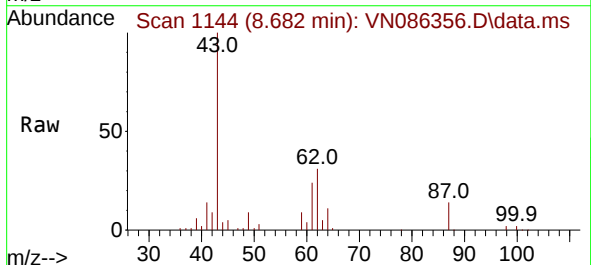
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

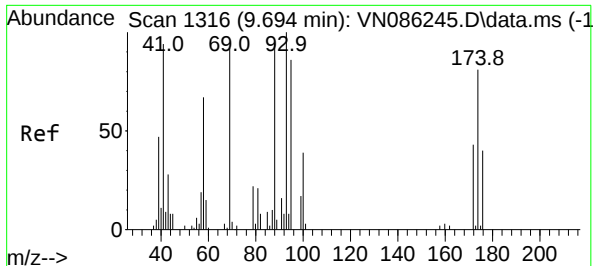
Tgt Ion: 43 Resp: 74747
Ion Ratio Lower Upper
43 100
45 12.1 11.2 16.8



#44
Isopropyl Acetate
Concen: 20.583 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 43 Resp: 142837
Ion Ratio Lower Upper
43 100
61 25.2 20.5 30.7





#45

1,4-Dioxane

Concen: 411.718 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0421WBSD01

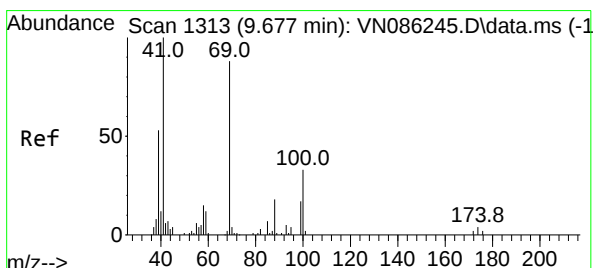
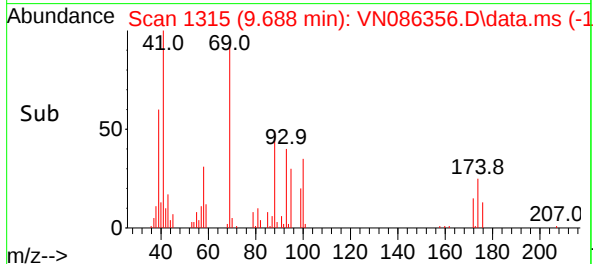
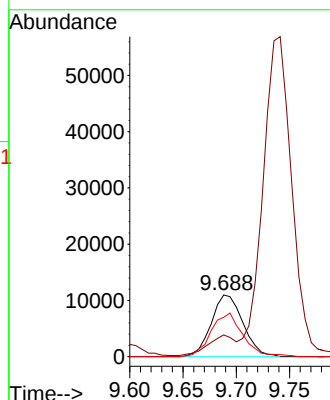
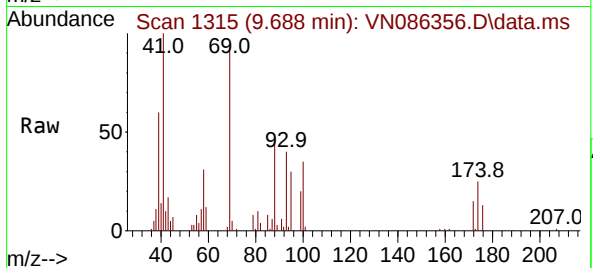
Tgt Ion: 88 Resp: 22720

Ion Ratio Lower Upper

88 100

43 27.6 14.4 21.6#

58 70.9 59.8 89.8



#46

Methyl methacrylate

Concen: 20.745 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

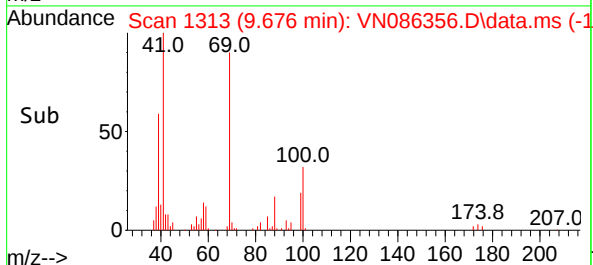
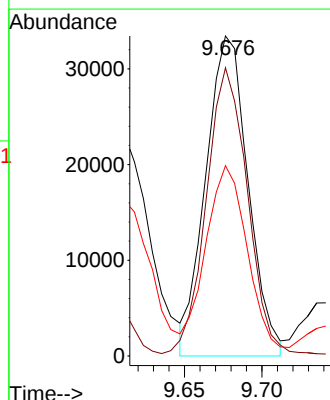
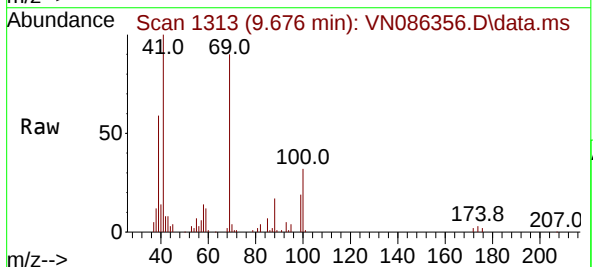
Tgt Ion: 41 Resp: 63433

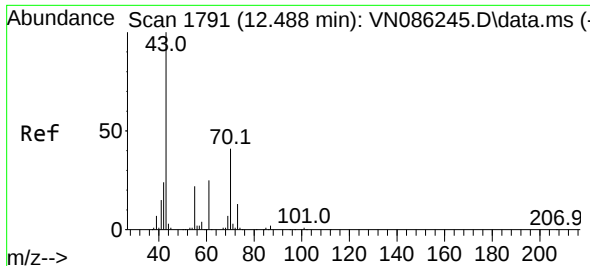
Ion Ratio Lower Upper

41 100

69 90.8 43.2 129.6

39 59.4 26.4 79.0

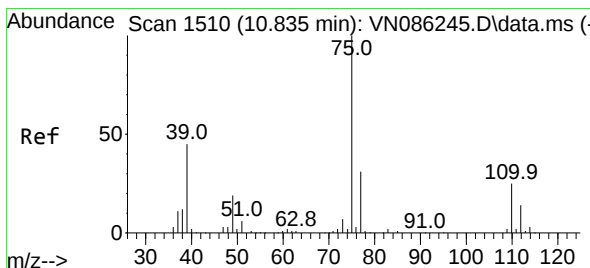
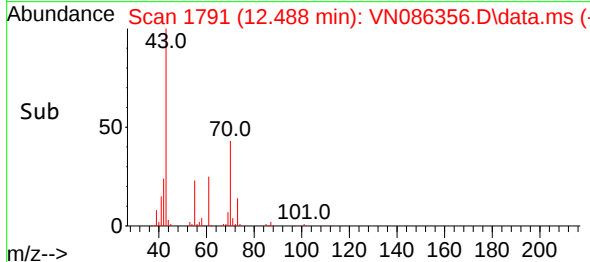
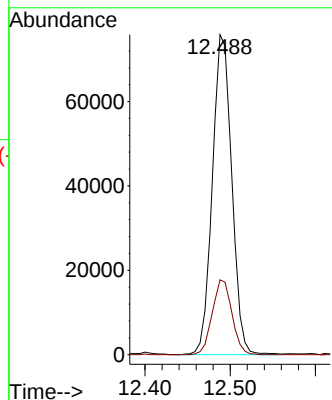
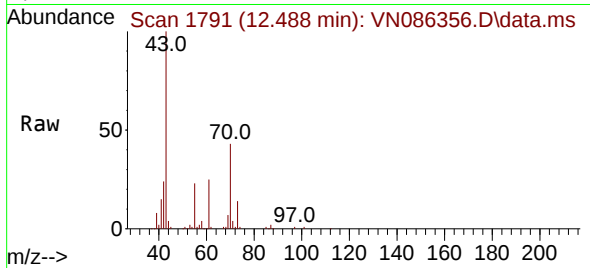




#47
n-amyl acetate
Concen: 21.876 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

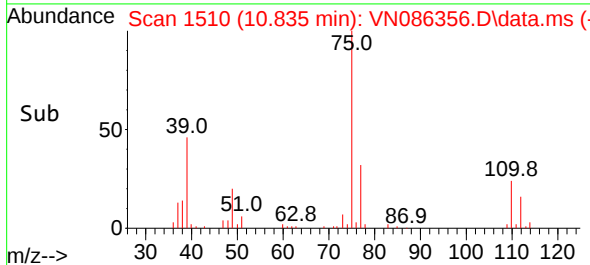
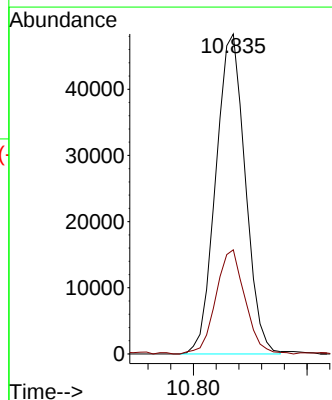
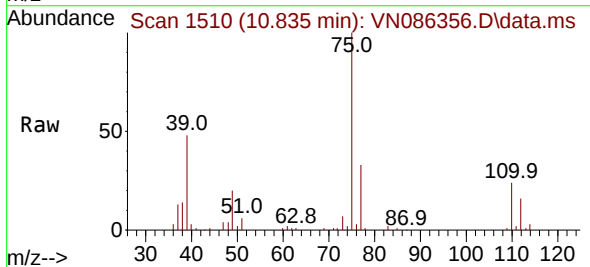
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

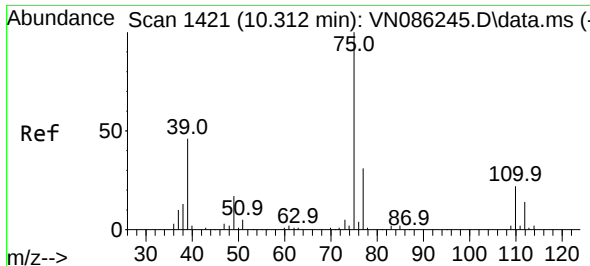
Tgt Ion: 43 Resp: 120366
Ion Ratio Lower Upper
43 100
55 23.7 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 20.951 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 75 Resp: 87075
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7

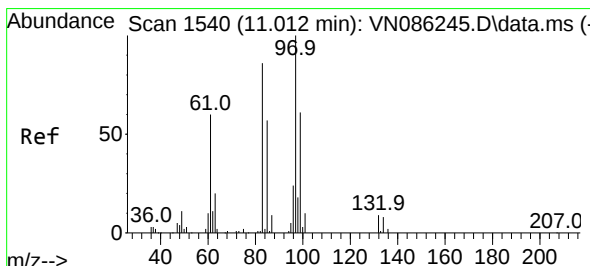
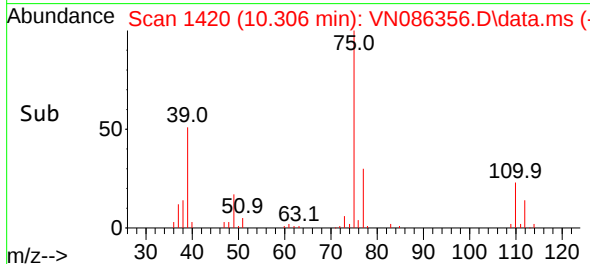
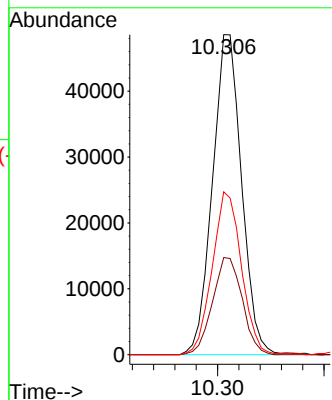
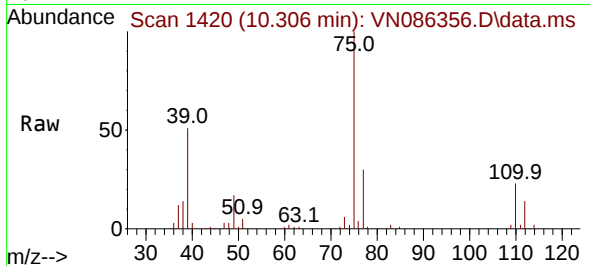




#49
 cis-1,3-Dichloropropene
 Concen: 20.881 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

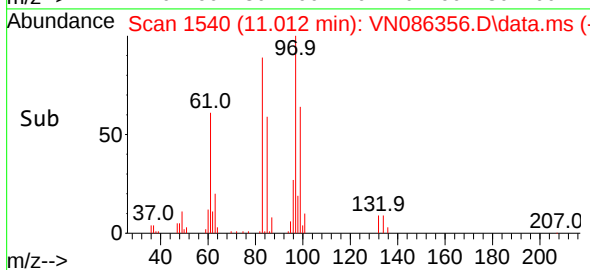
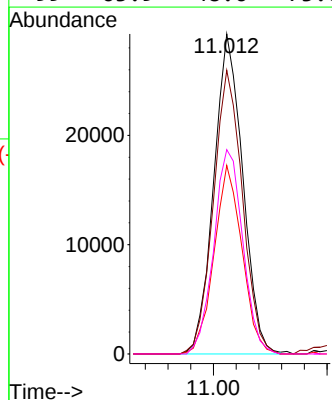
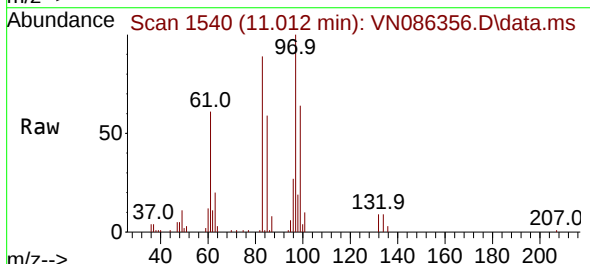
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0421WBSD01

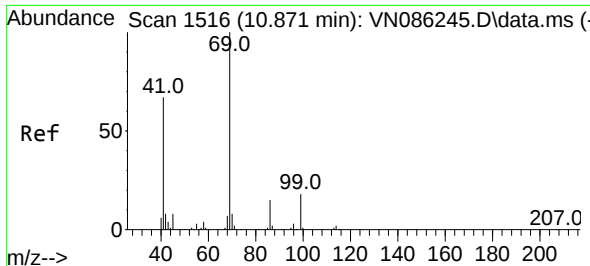
Tgt Ion: 75 Resp: 91852
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.4
 39 50.9 36.7 55.1



#50
 1,1,2-Trichloroethane
 Concen: 21.556 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

Tgt Ion: 97 Resp: 51738
 Ion Ratio Lower Upper
 97 100
 83 88.7 68.6 103.0
 85 58.9 45.9 68.9
 99 63.9 48.6 73.0

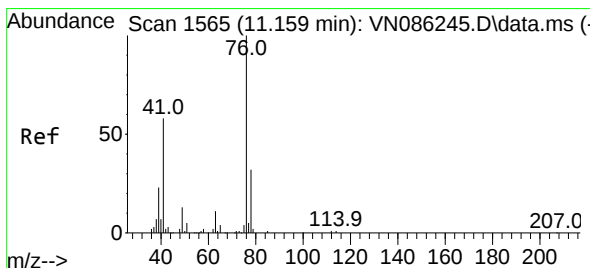
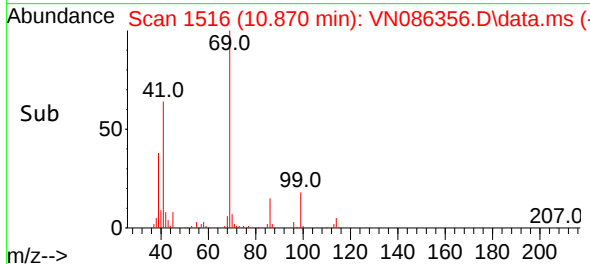
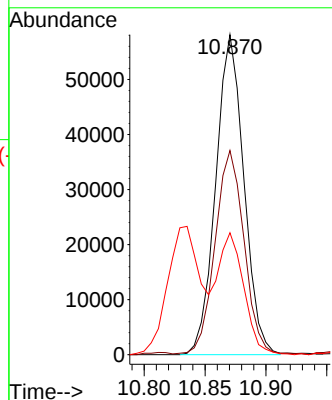
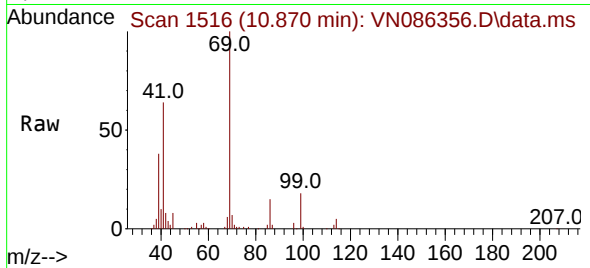




#51
Ethyl methacrylate
Concen: 20.961 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

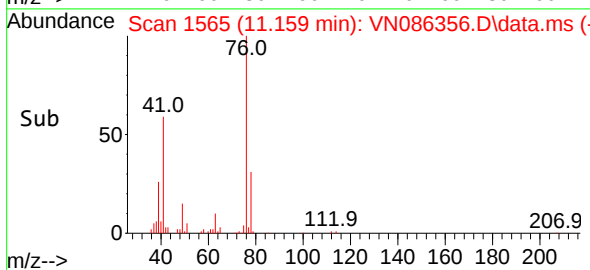
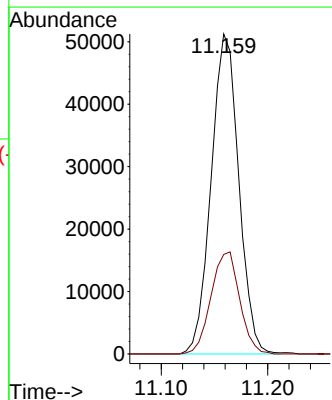
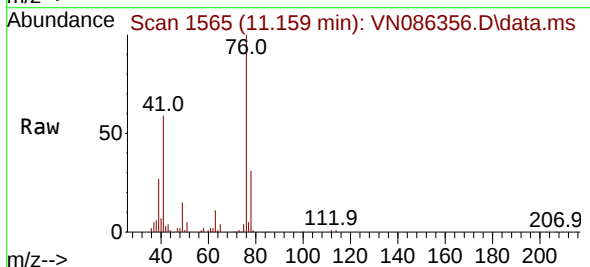
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

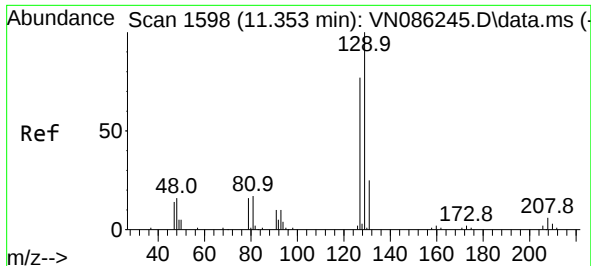
Tgt Ion: 69 Resp: 93491
Ion Ratio Lower Upper
69 100
41 63.3 33.6 100.6
39 37.8 17.8 53.4



#52
1,3-Dichloropropane
Concen: 21.548 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 76 Resp: 92180
Ion Ratio Lower Upper
76 100
78 33.0 0.0 64.6

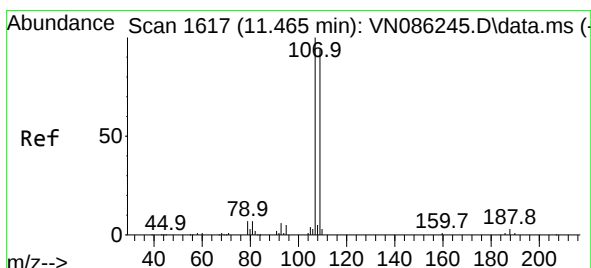
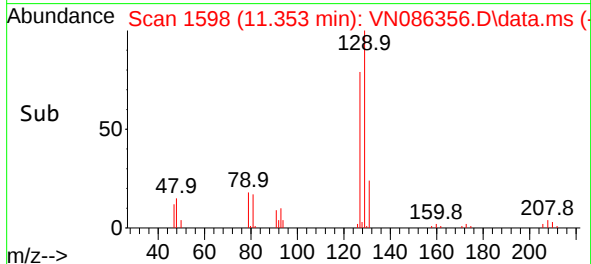
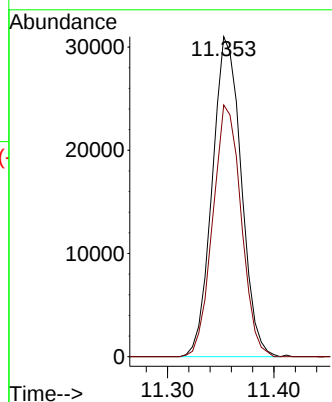
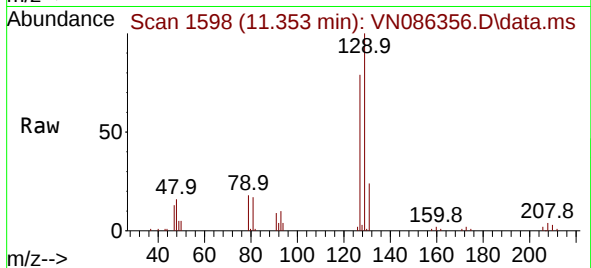




#53
Dibromochloromethane
Concen: 22.305 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

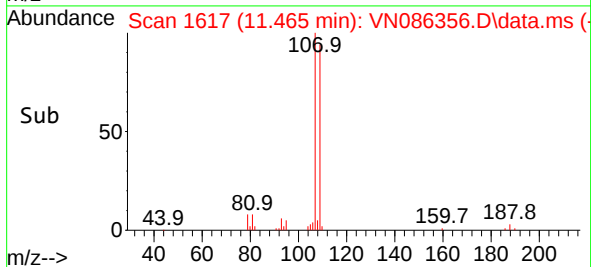
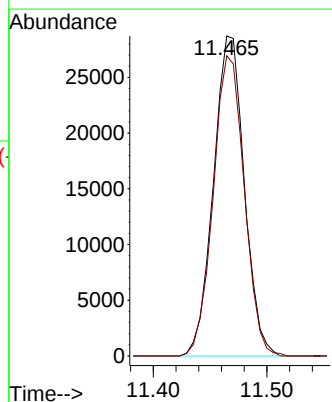
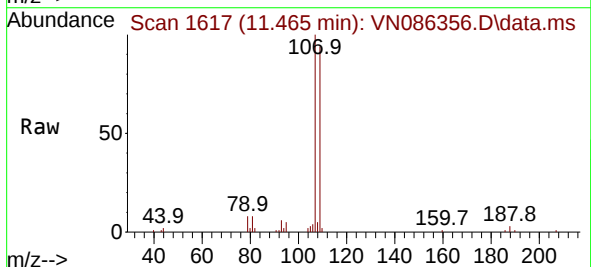
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

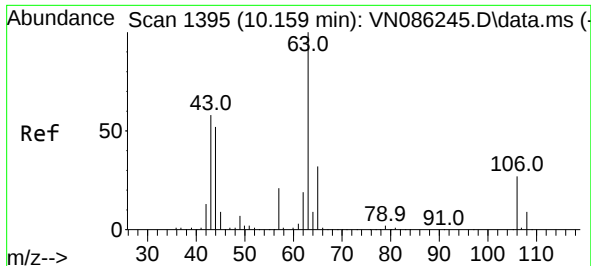
Tgt Ion:129 Resp: 58559
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5



#54
1,2-Dibromoethane
Concen: 22.350 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion:107 Resp: 54151
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8

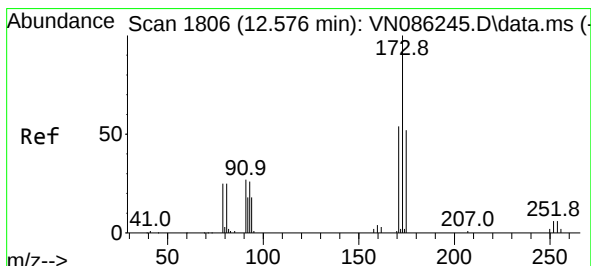
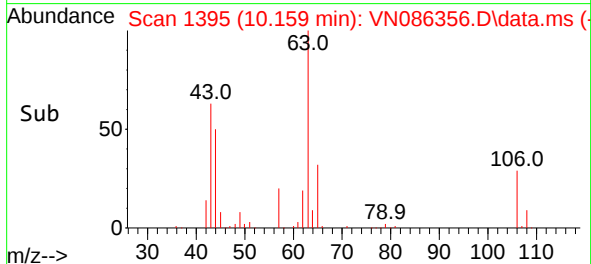
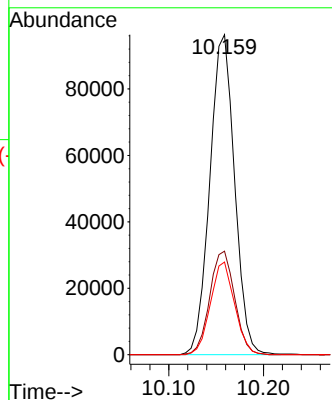
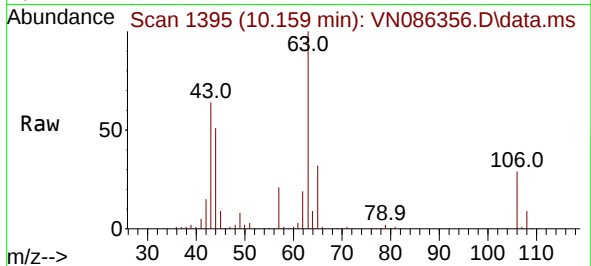




#55
2-Chloroethyl vinyl ether
Concen: 103.727 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

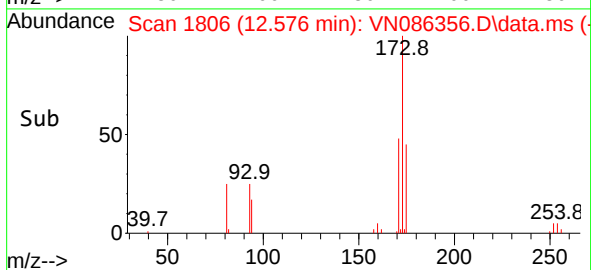
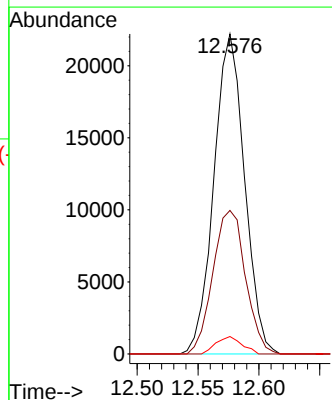
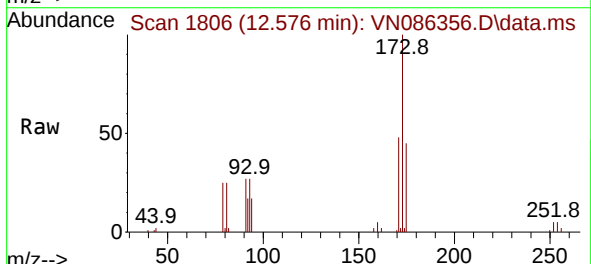
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

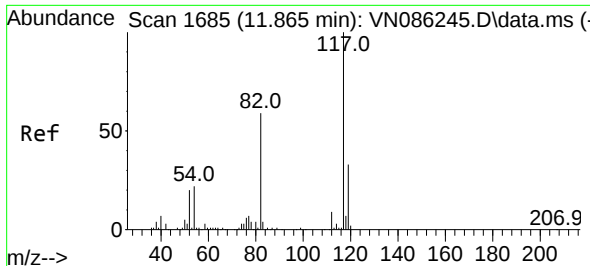
Tgt Ion: 63 Resp: 174821
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.8
106 28.3 21.8 32.8



#56
Bromoform
Concen: 22.627 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 173 Resp: 38865
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.4
254 4.6 4.5 6.7

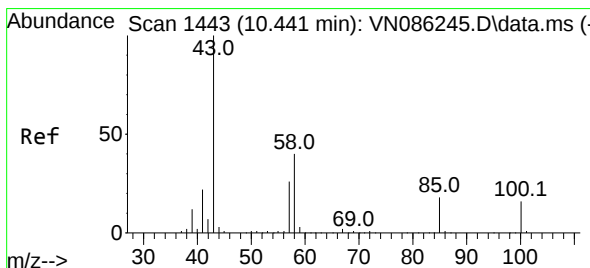
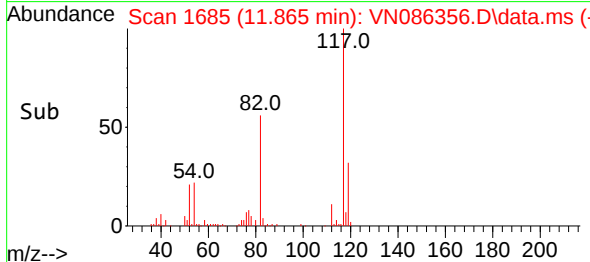
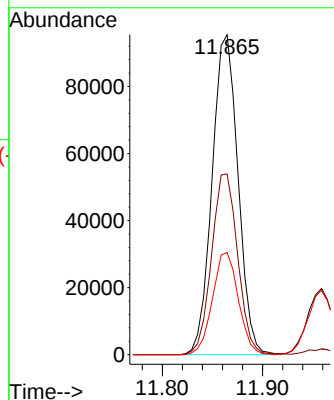
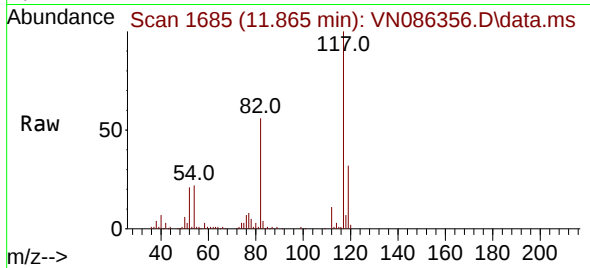




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

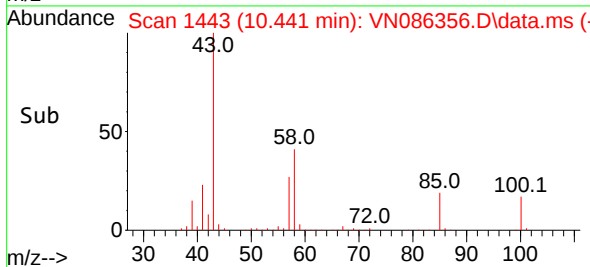
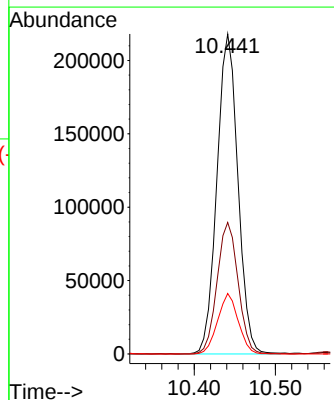
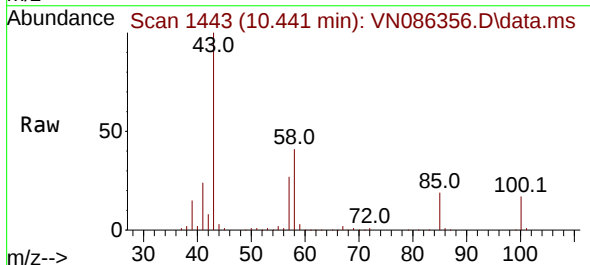
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

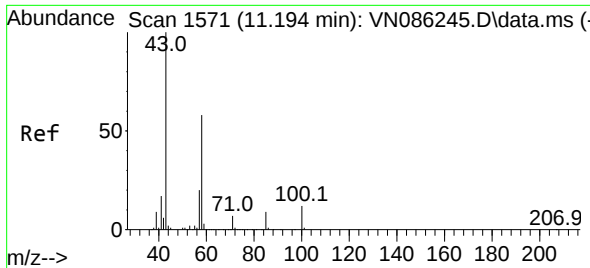
Tgt Ion:117 Resp: 171678
Ion Ratio Lower Upper
117 100
82 56.9 47.3 70.9
119 31.8 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 100.603 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 43 Resp: 391941
Ion Ratio Lower Upper
43 100
58 41.1 32.5 48.7
85 18.6 14.4 21.6

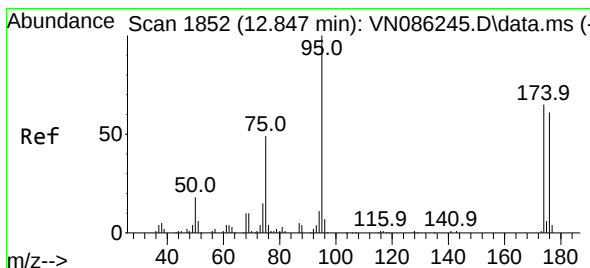
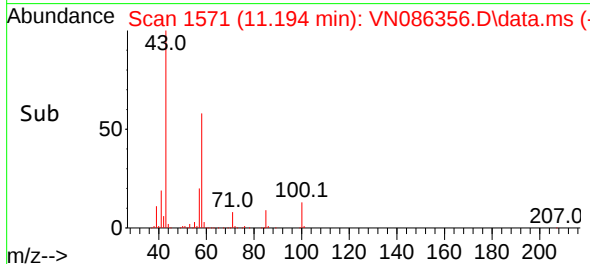
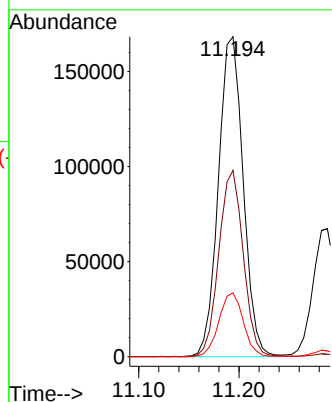
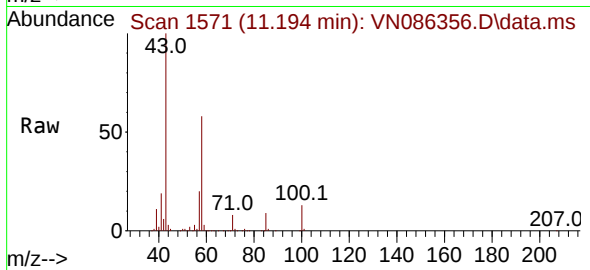




#59
2-Hexanone
Concen: 99.694 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

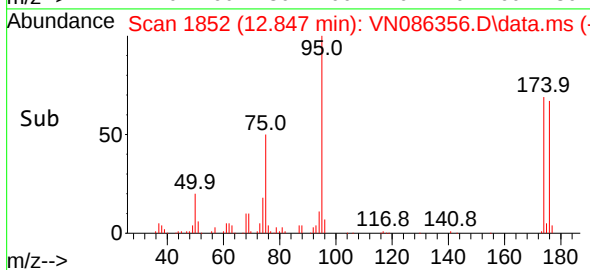
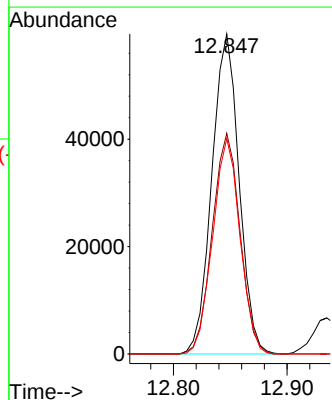
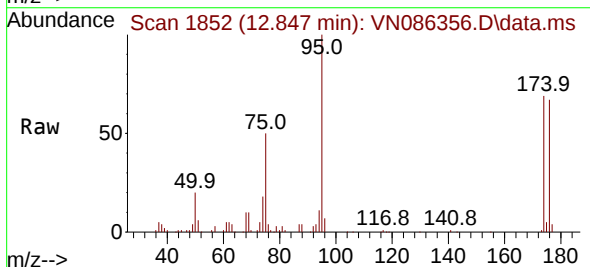
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

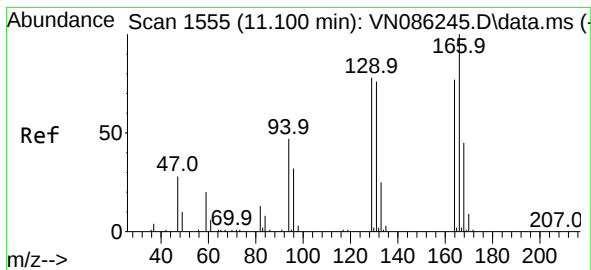
Tgt Ion: 43 Resp: 289212
Ion Ratio Lower Upper
43 100
58 57.3 45.3 67.9
57 19.7 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 95 Resp: 99257
Ion Ratio Lower Upper
95 100
174 70.2 52.7 79.1
176 67.5 49.8 74.8





#61

Tetrachloroethene

Concen: 20.270 ug/l

RT: 11.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086356.D

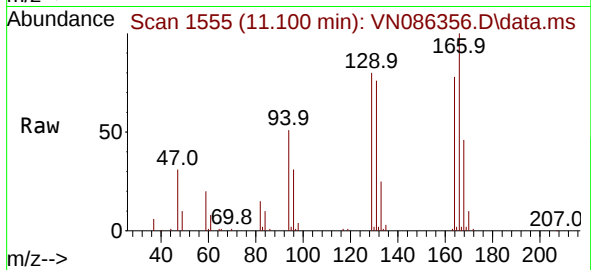
Acq: 21 Apr 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0421WBSD01



Tgt Ion:164 Resp: 51391

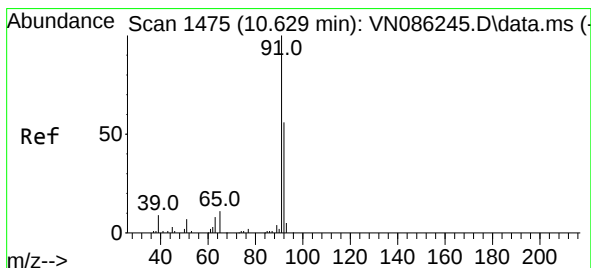
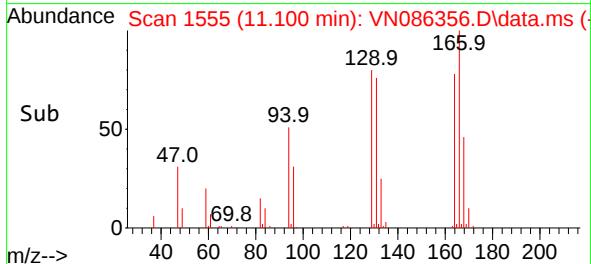
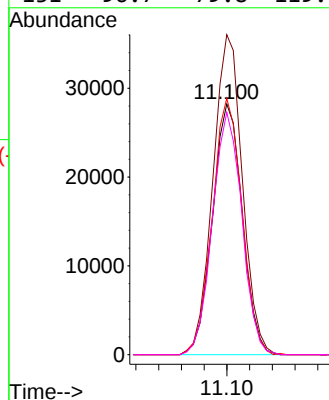
Ion Ratio Lower Upper

164 100

166 127.6 104.5 156.7

129 102.2 81.7 122.5

131 96.7 79.8 119.6



#62

Toluene

Concen: 20.742 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086356.D

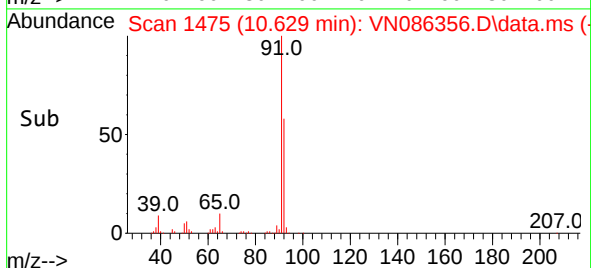
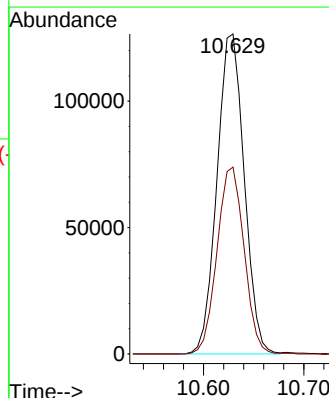
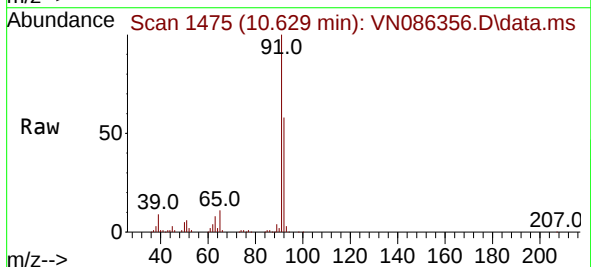
Acq: 21 Apr 2025 12:48

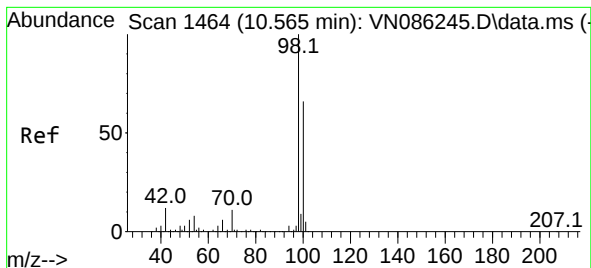
Tgt Ion: 91 Resp: 238843

Ion Ratio Lower Upper

91 100

92 58.0 46.8 70.2





#63

Toluene-d8

Concen: 28.839 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

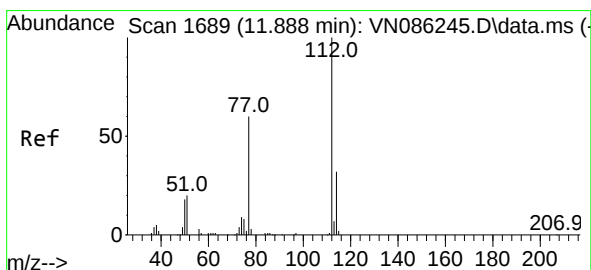
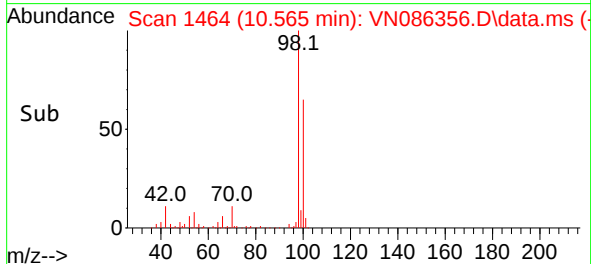
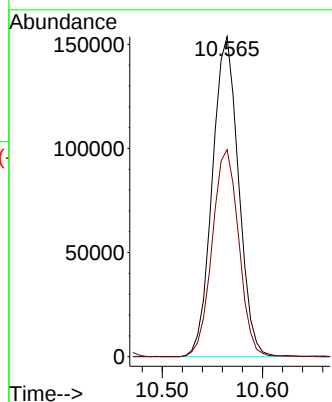
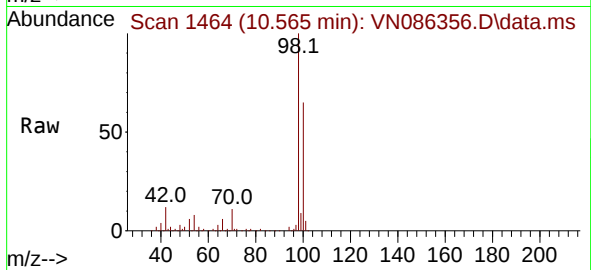
VN0421WBSD01

Tgt Ion: 98 Resp: 279512

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#64

Chlorobenzene

Concen: 21.033 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN086356.D

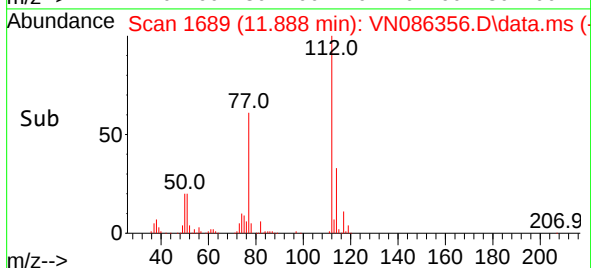
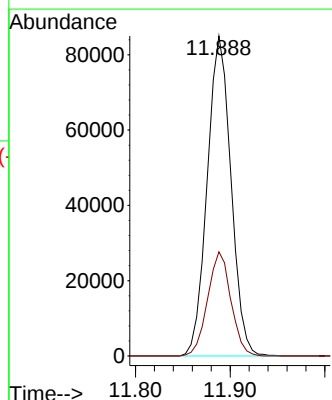
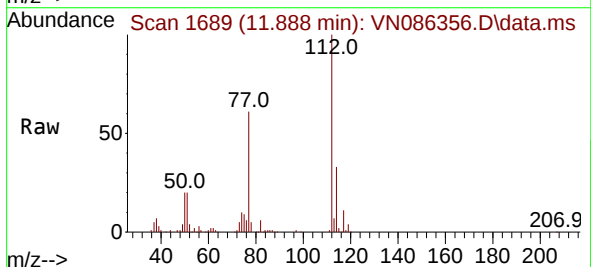
Acq: 21 Apr 2025 12:48

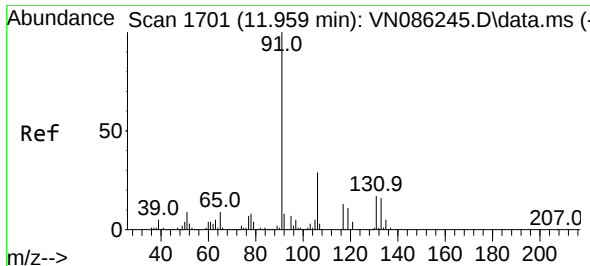
Tgt Ion: 112 Resp: 147968

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.6

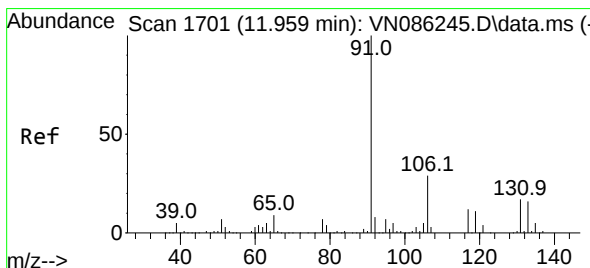
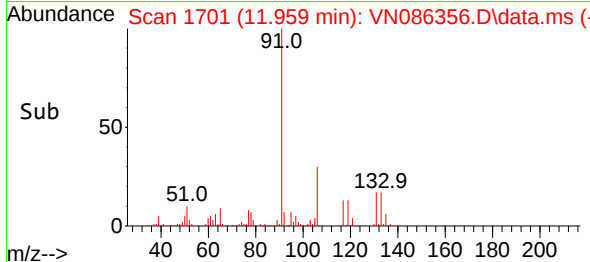
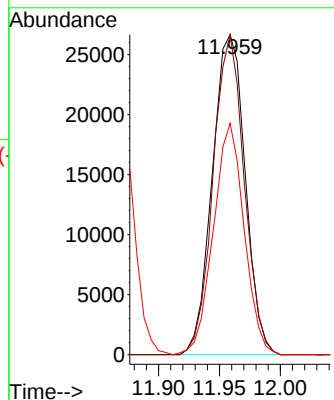
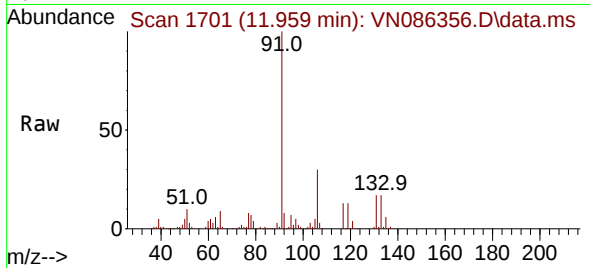




#65
1,1,1,2-Tetrachloroethane
Concen: 21.548 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

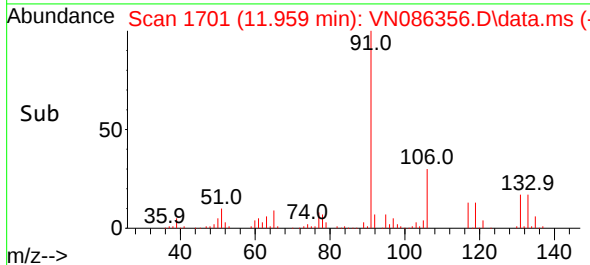
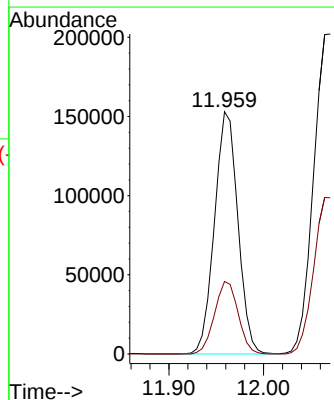
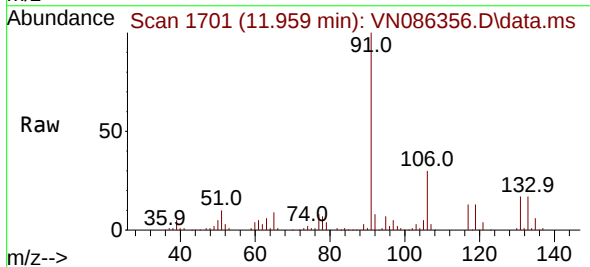
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

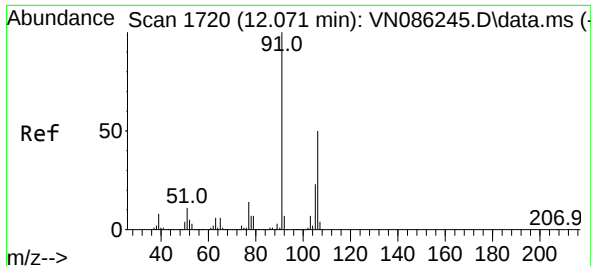
Tgt Ion:131 Resp: 50028
Ion Ratio Lower Upper
131 100
133 94.4 0.0 190.4
119 67.5 0.0 135.6



#66
Ethyl Benzene
Concen: 20.579 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 91 Resp: 262793
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.0

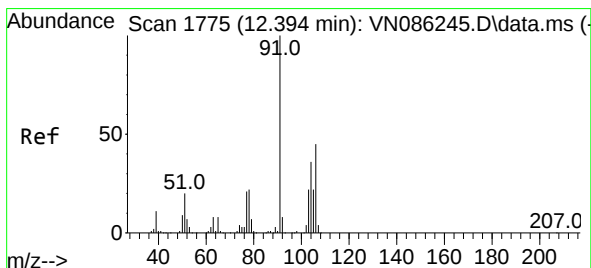
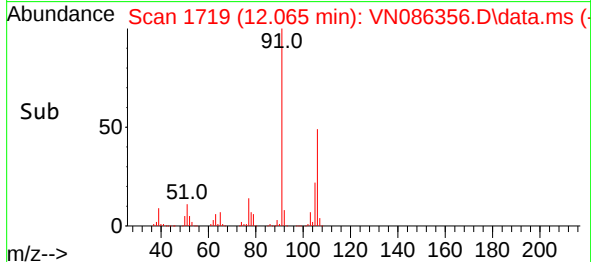
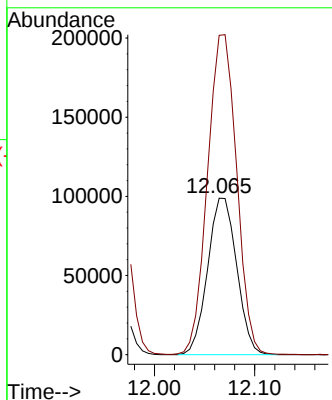
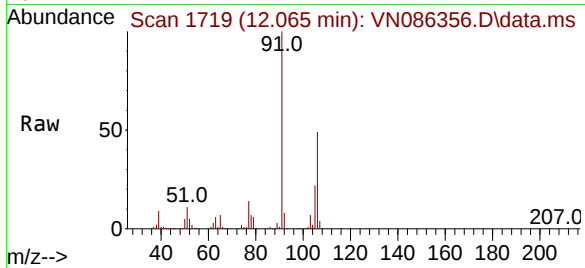




#67
m/p-Xylenes
Concen: 41.965 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

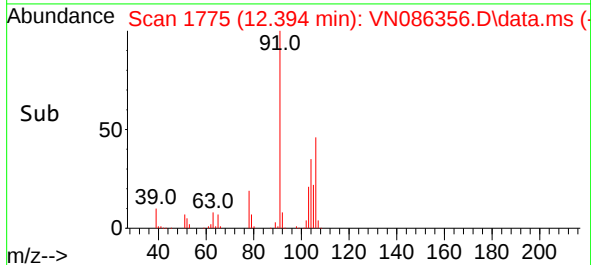
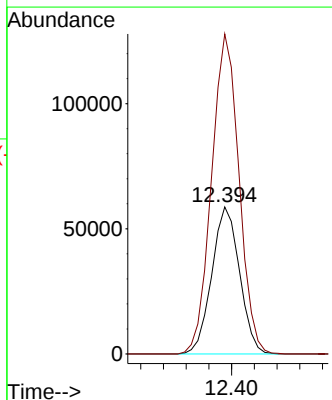
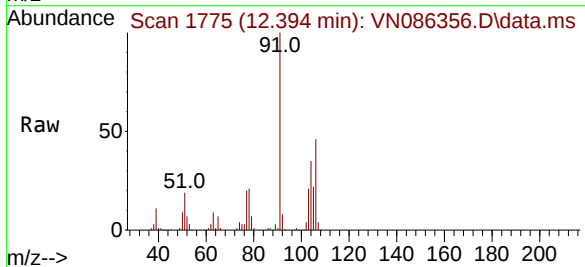
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

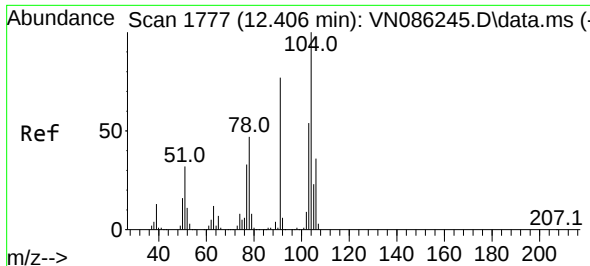
Tgt Ion:106 Resp: 199268
Ion Ratio Lower Upper
106 100
91 205.3 164.5 246.7



#68
o-Xylene
Concen: 21.325 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion:106 Resp: 99599
Ion Ratio Lower Upper
106 100
91 215.4 109.8 329.4

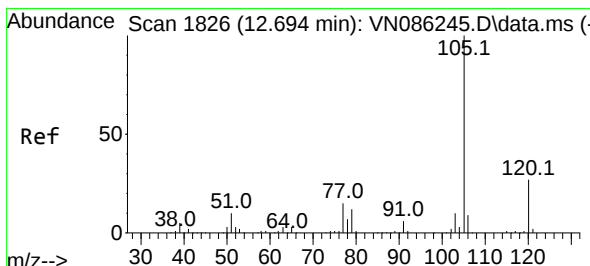
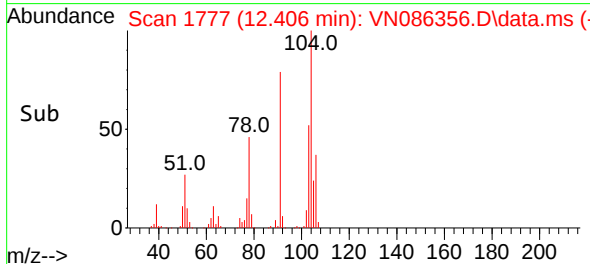
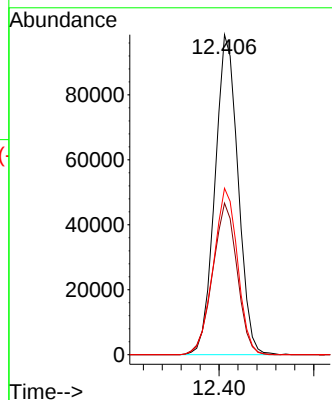
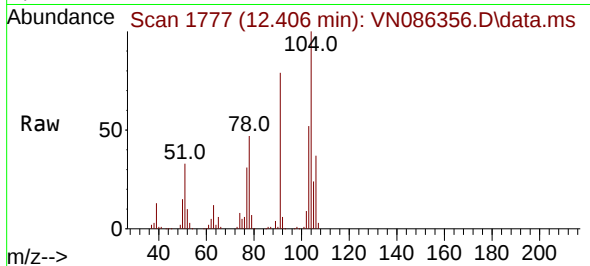




#69
Styrene
Concen: 21.166 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

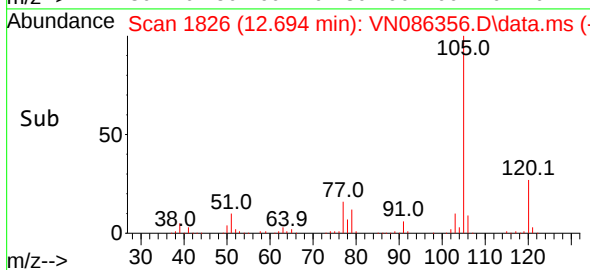
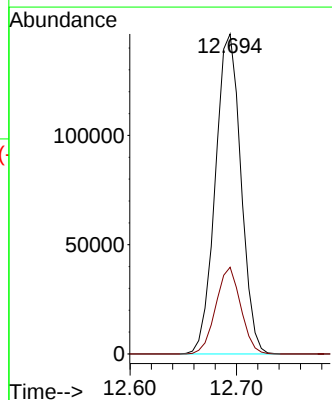
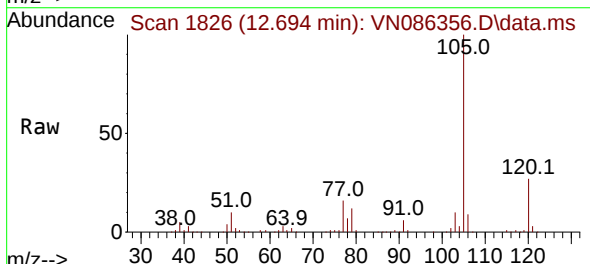
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

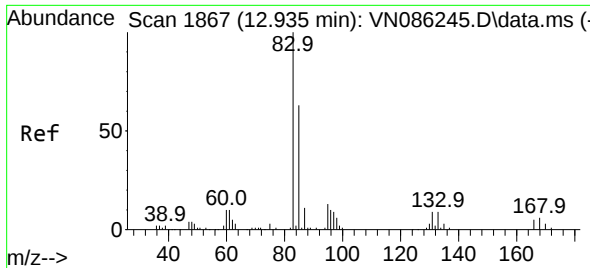
Tgt Ion:104 Resp: 166721
Ion Ratio Lower Upper
104 100
78 50.3 41.4 62.0
103 54.8 44.2 66.4



#70
Isopropylbenzene
Concen: 21.216 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion:105 Resp: 244326
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1

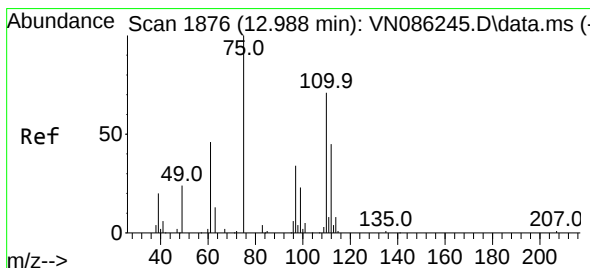
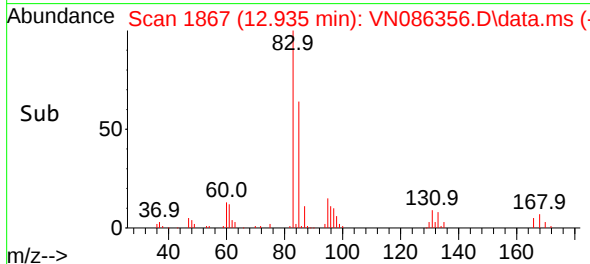
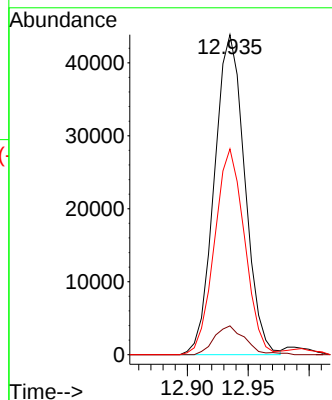
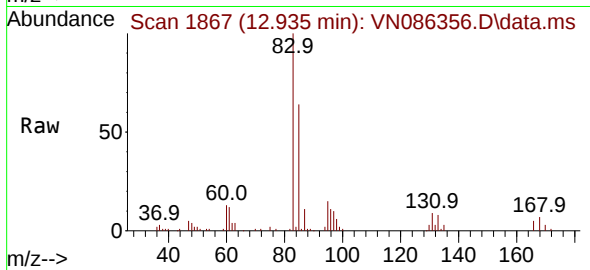




#71
 1,1,2,2-Tetrachloroethane
 Concen: 23.279 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

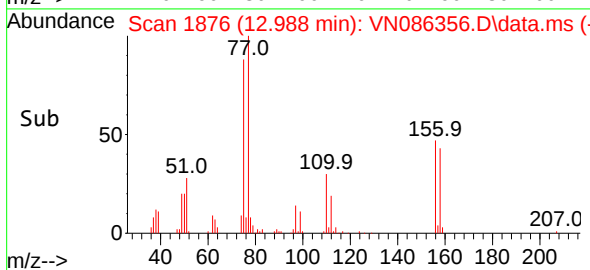
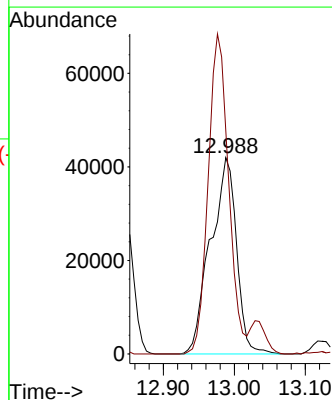
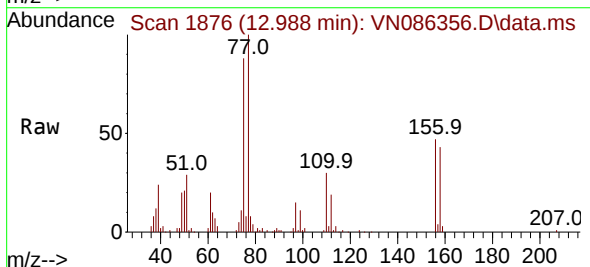
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0421WBSD01

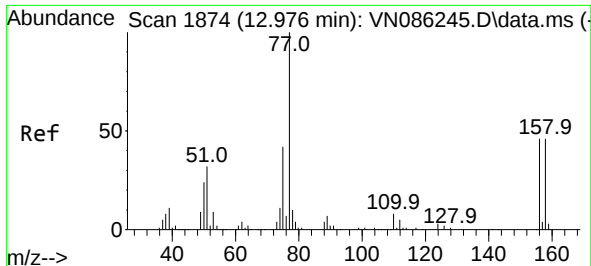
Tgt Ion: 83 Resp: 76305
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.3
 85 63.5 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 31.242 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

Tgt Ion: 75 Resp: 106600
 Ion Ratio Lower Upper
 75 100
 77 128.4 0.0 380.0

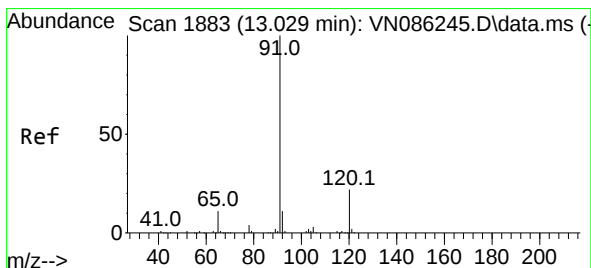
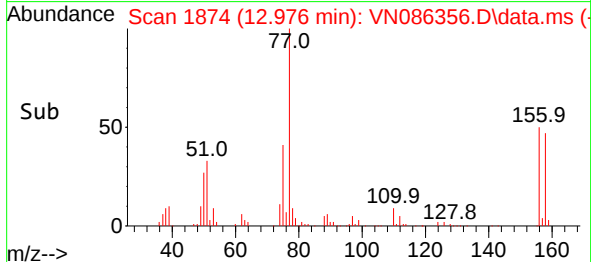
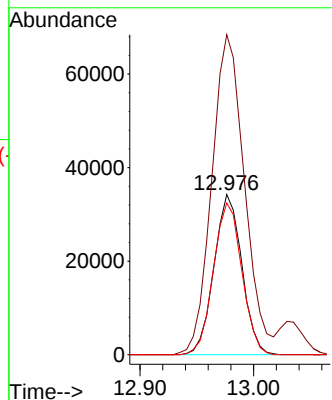
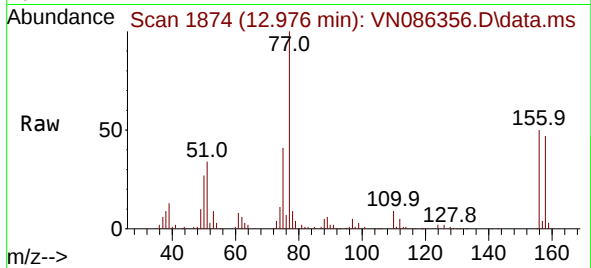




#73
Bromobenzene
Concen: 22.884 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

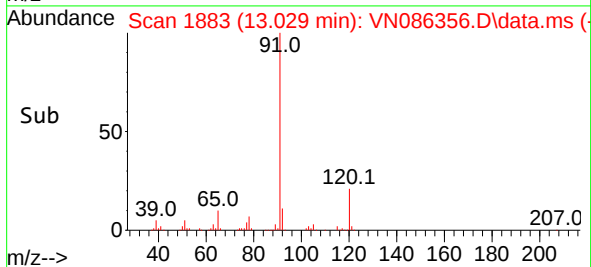
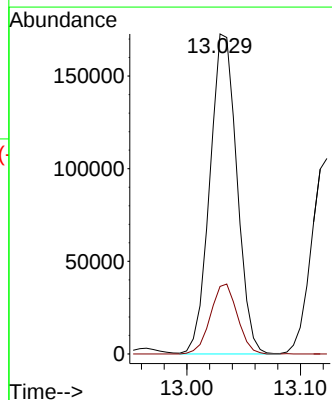
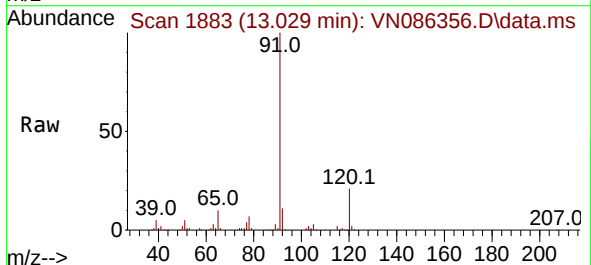
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

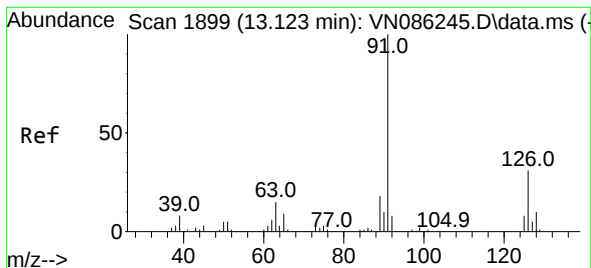
Tgt Ion:156 Resp: 58380
Ion Ratio Lower Upper
156 100
77 234.5 0.0 505.2
158 96.4 0.0 195.0



#74
n-propylbenzene
Concen: 21.014 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 91 Resp: 285750
Ion Ratio Lower Upper
91 100
120 21.6 0.0 44.0

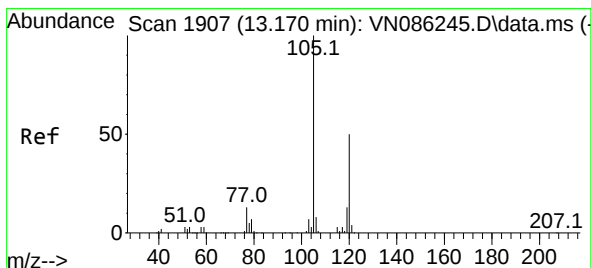
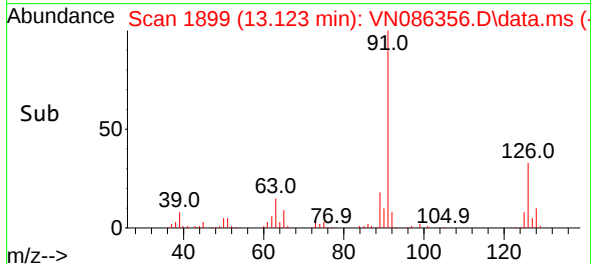
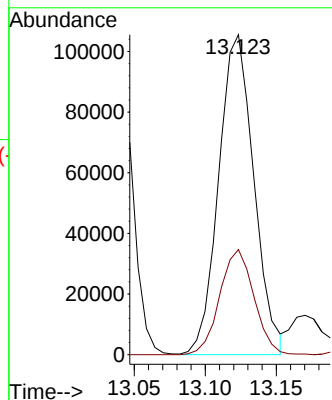
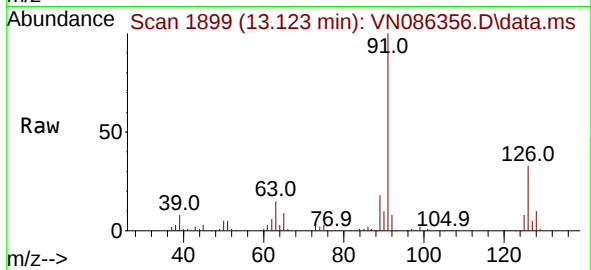




#75
2-Chlorotoluene
Concen: 21.307 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

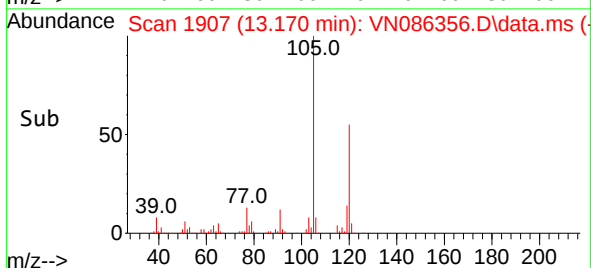
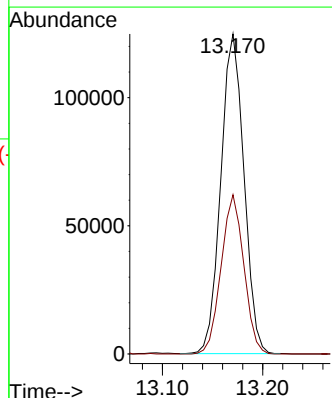
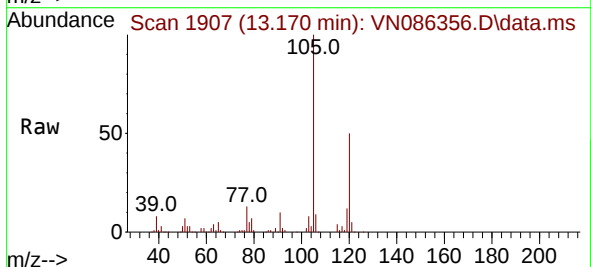
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

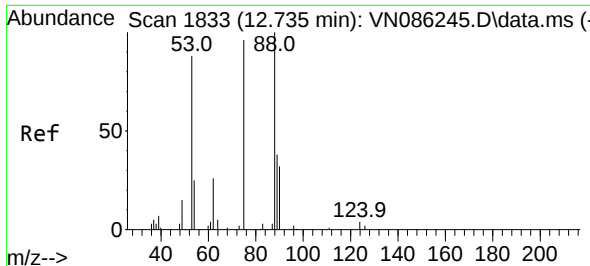
Tgt Ion: 91 Resp: 182117
Ion Ratio Lower Upper
91 100
126 31.9 0.0 63.4



#76
1,3,5-Trimethylbenzene
Concen: 21.105 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 105 Resp: 199650
Ion Ratio Lower Upper
105 100
120 48.9 0.0 98.0

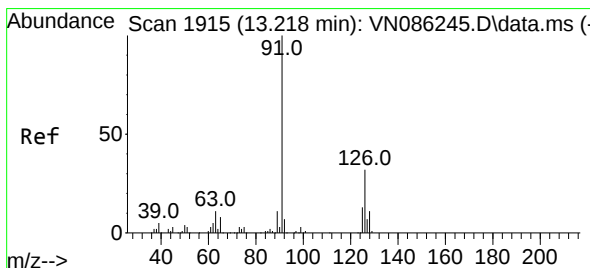
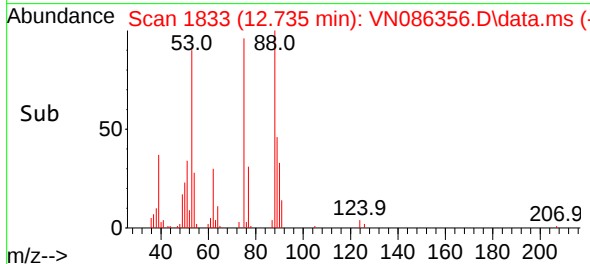
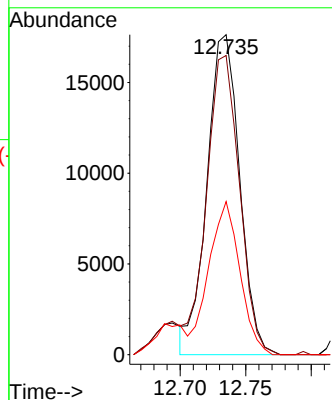
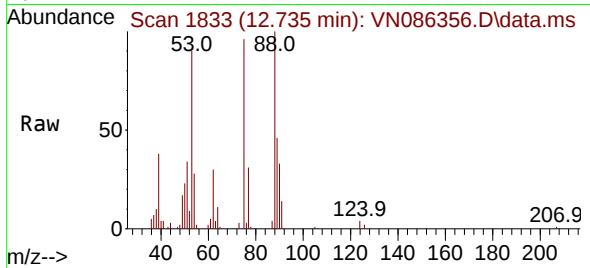




#77
t-1,4-Dichloro-2-butene
Concen: 19.460 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

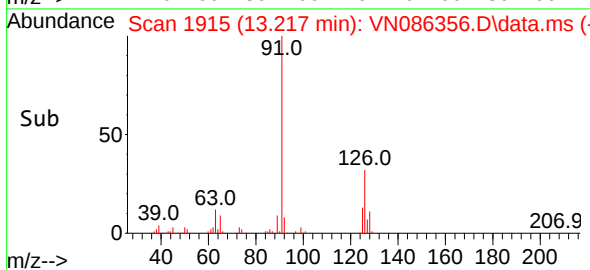
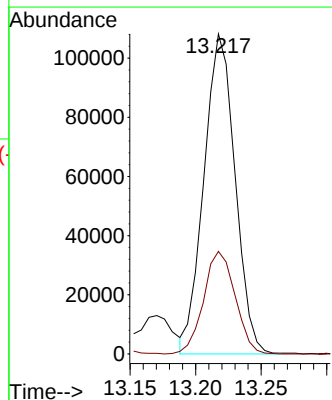
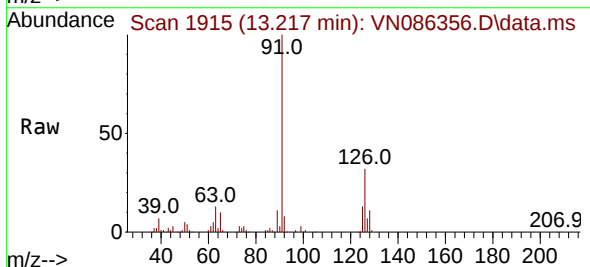
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

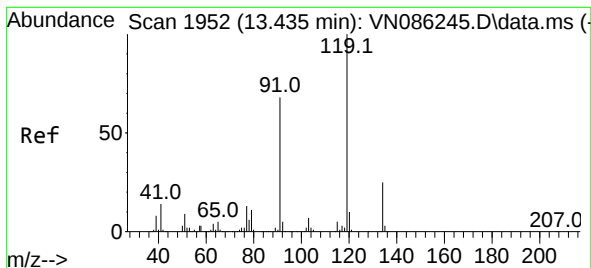
Tgt Ion: 75 Resp: 30615
Ion Ratio Lower Upper
75 100
53 93.5 46.4 139.2
89 47.9 22.5 67.5



#78
4-Chlorotoluene
Concen: 20.960 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 91 Resp: 178916
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.2





#79

tert-butylbenzene

Concen: 20.525 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086356.D

Acq: 21 Apr 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0421WBSD01

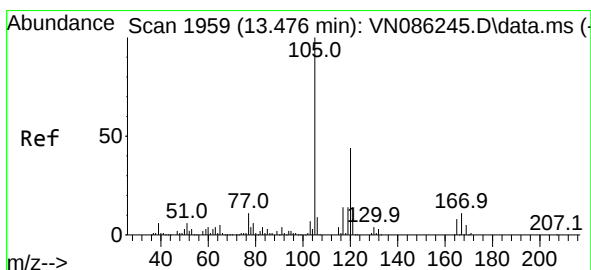
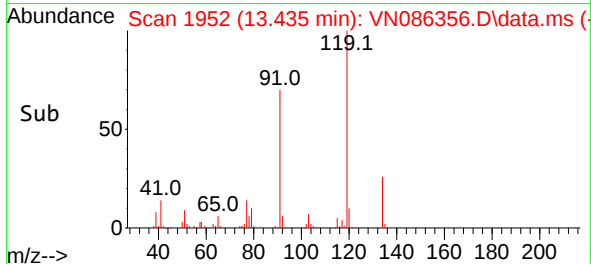
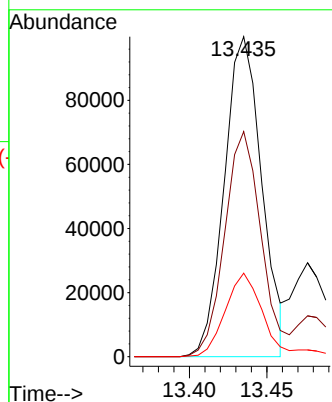
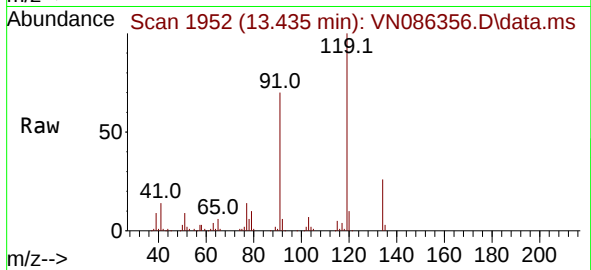
Tgt Ion:119 Resp: 168008

Ion Ratio Lower Upper

119 100

91 68.9 0.0 136.6

134 25.3 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 21.272 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086356.D

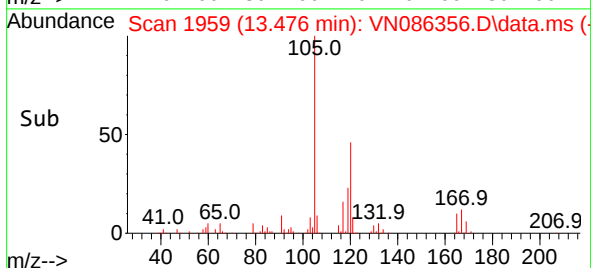
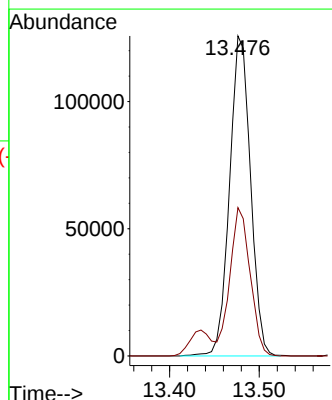
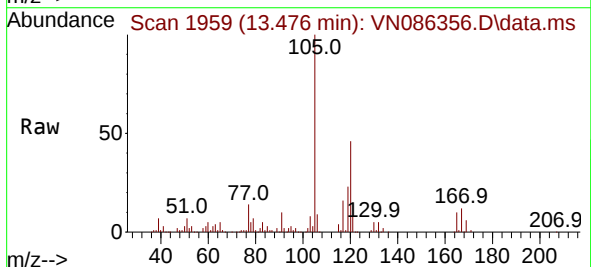
Acq: 21 Apr 2025 12:48

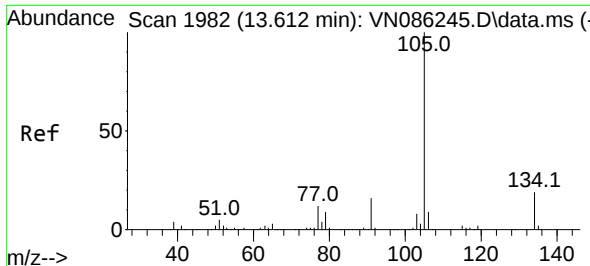
Tgt Ion:105 Resp: 204048

Ion Ratio Lower Upper

105 100

120 44.5 0.0 91.0

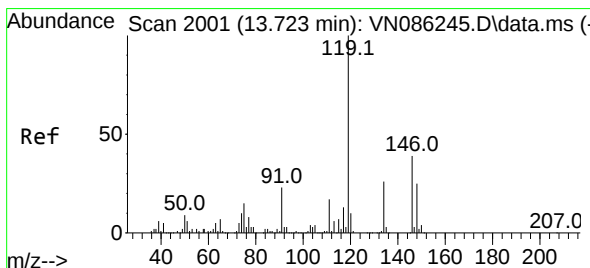
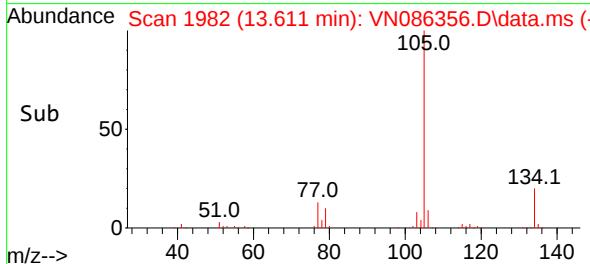
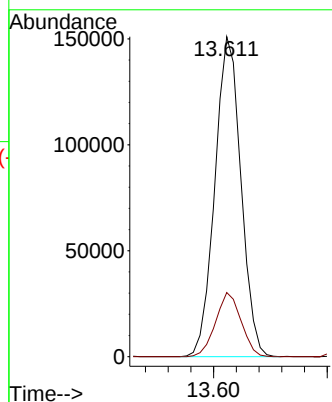
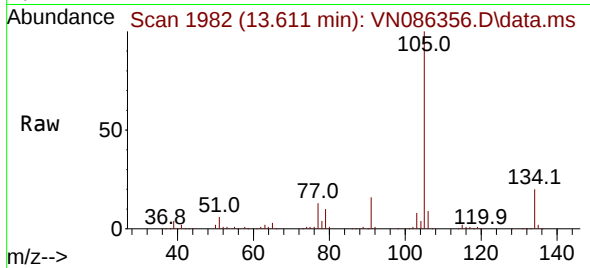




#81
 sec-Butylbenzene
 Concen: 21.060 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

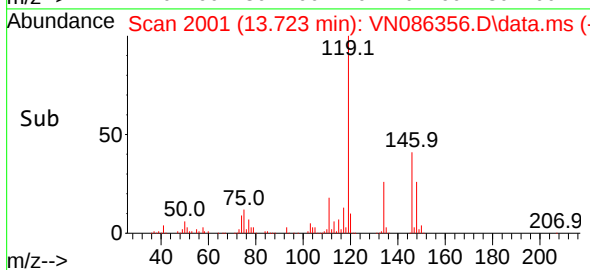
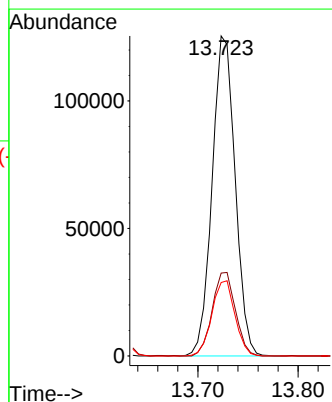
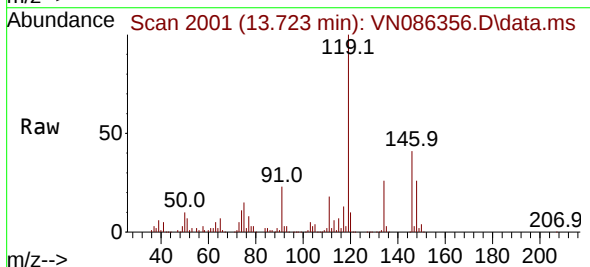
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0421WBSD01

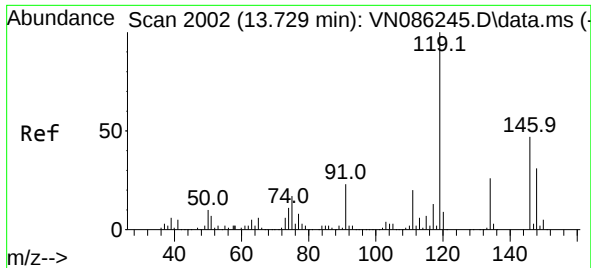
Tgt Ion:105 Resp: 240467
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 21.028 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

Tgt Ion:119 Resp: 200292
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.6
 91 23.6 0.0 48.2

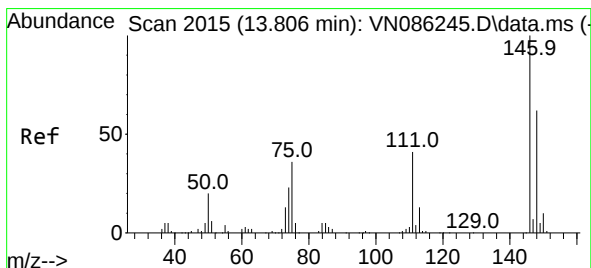
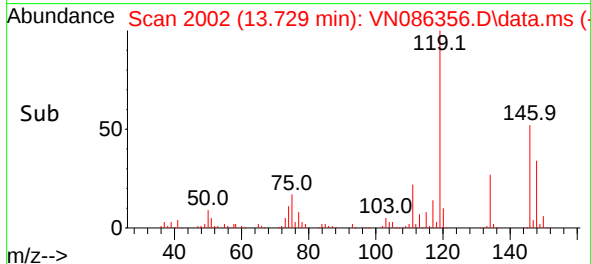
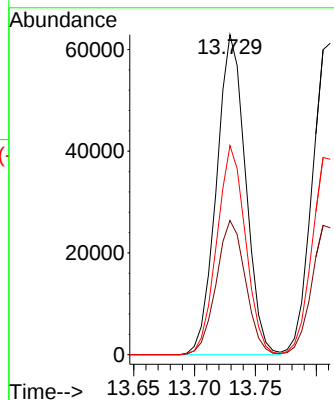
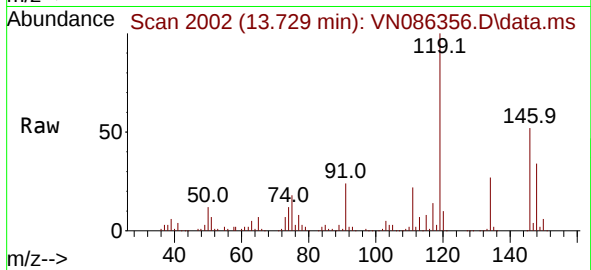




#83
1,3-Dichlorobenzene
Concen: 22.087 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

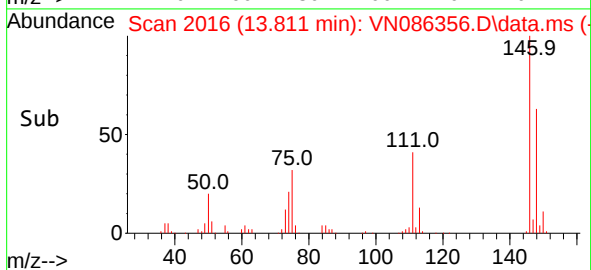
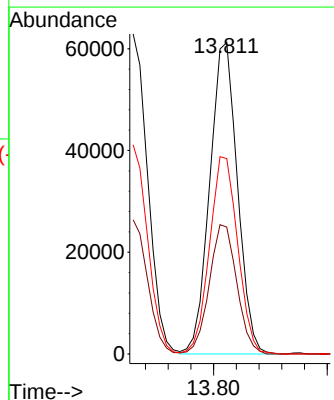
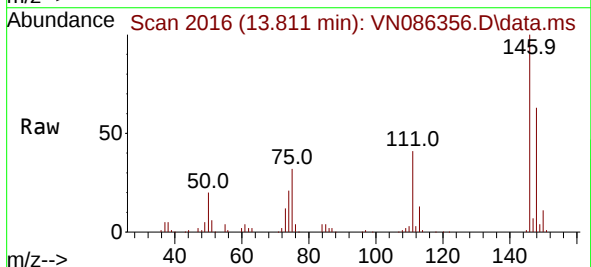
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

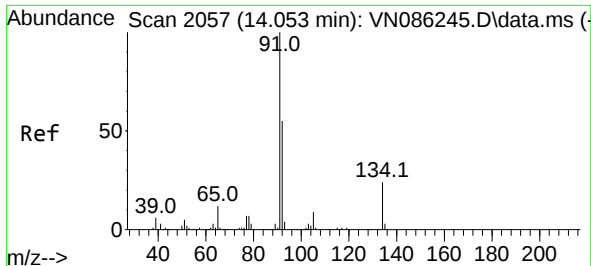
Tgt Ion:146 Resp: 104730
Ion Ratio Lower Upper
146 100
111 42.2 21.7 65.1
148 64.3 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 21.794 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion:146 Resp: 103672
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.4
148 64.5 31.9 95.5

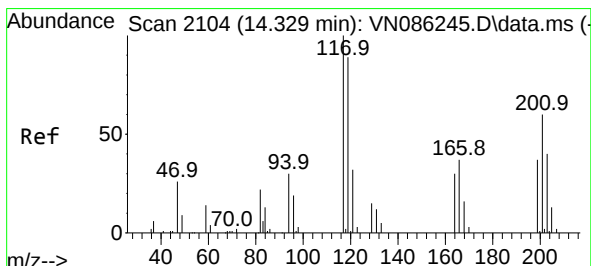
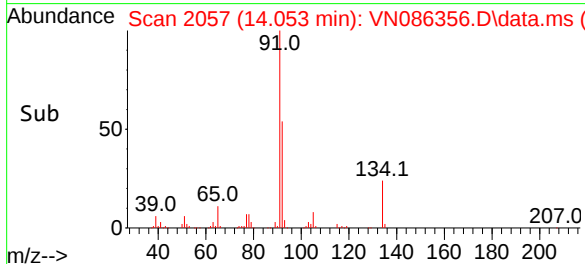
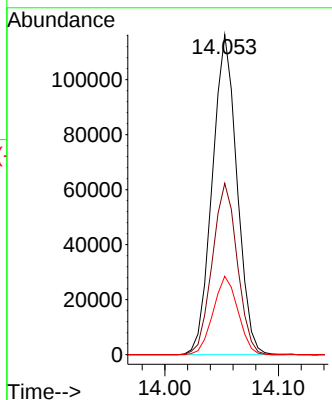
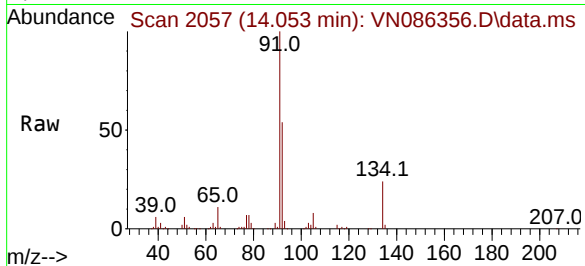




#85
n-Butylbenzene
Concen: 20.468 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

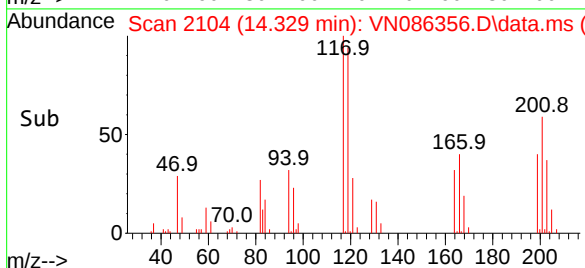
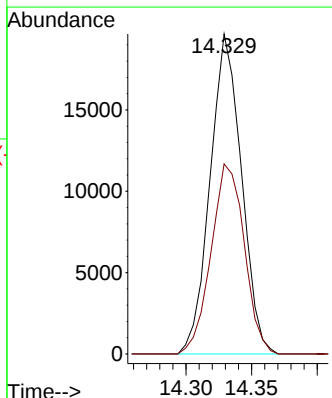
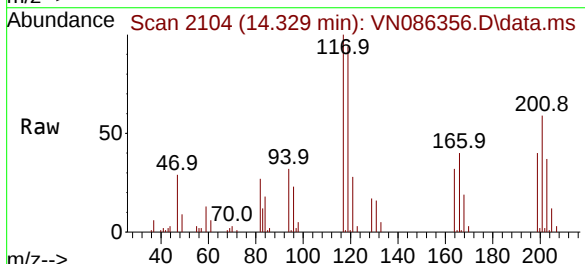
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

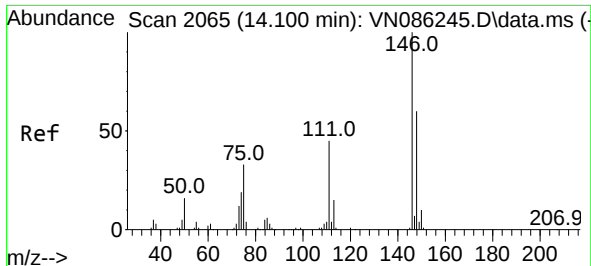
Tgt Ion: 91 Resp: 175882
Ion Ratio Lower Upper
91 100
92 54.1 0.0 109.4
134 24.5 0.0 48.2



#86
Hexachloroethane
Concen: 20.349 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 117 Resp: 32696
Ion Ratio Lower Upper
117 100
201 62.9 30.9 92.8

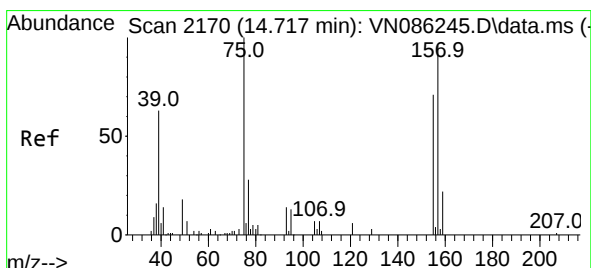
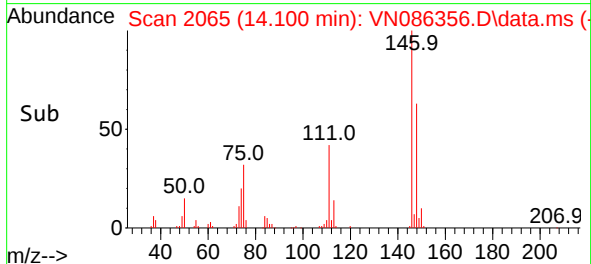
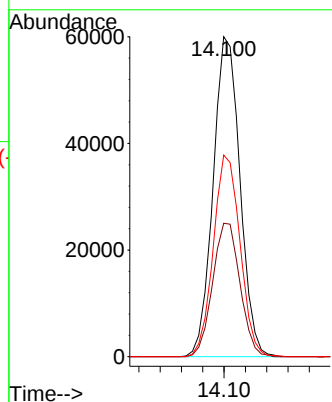
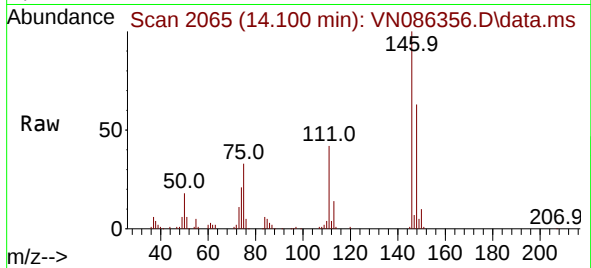




#87
1,2-Dichlorobenzene
Concen: 22.392 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

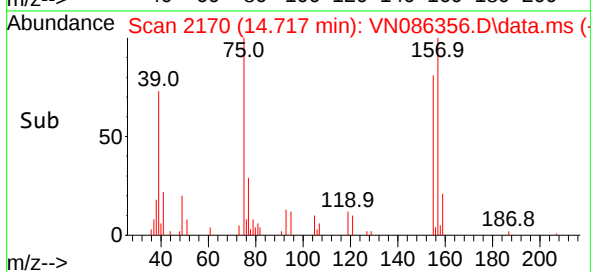
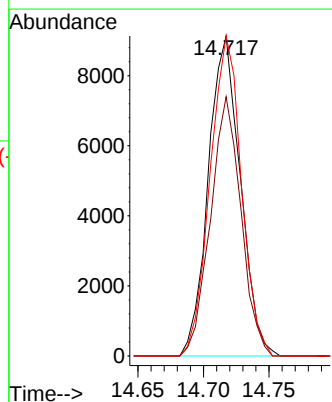
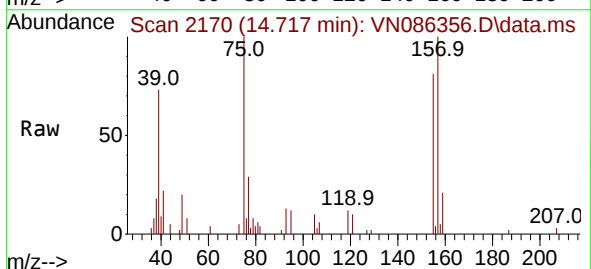
Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

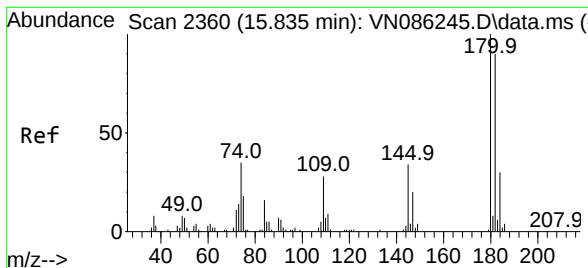
Tgt Ion:146 Resp: 104835
Ion Ratio Lower Upper
146 100
111 42.5 22.7 68.0
148 62.8 31.8 95.3



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.753 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion: 75 Resp: 15494
Ion Ratio Lower Upper
75 100
155 77.2 60.3 90.5
157 97.7 79.0 118.4

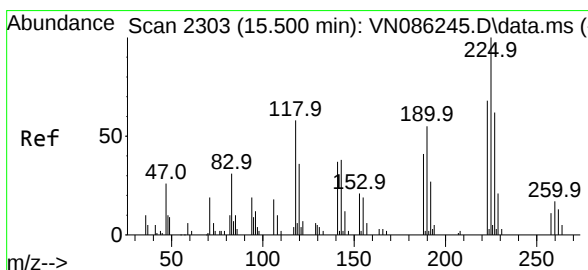
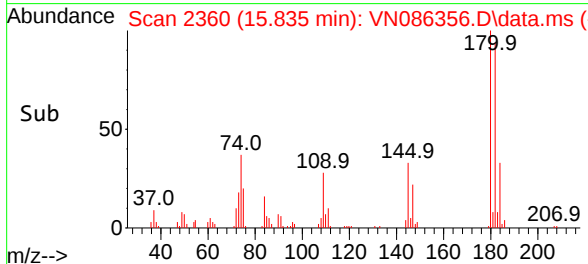
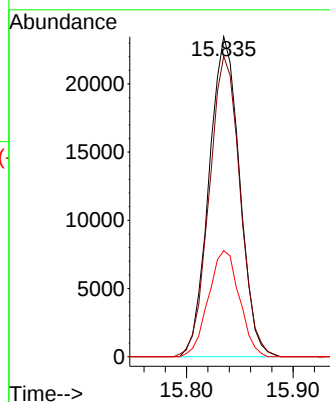
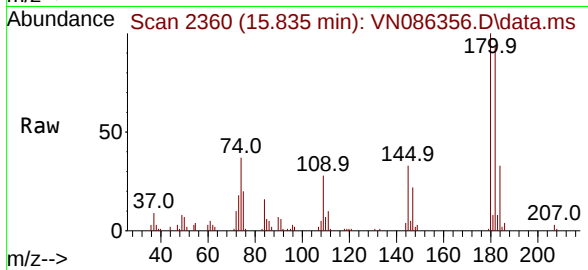




#89
 1,2,4-Trichlorobenzene
 Concen: 20.504 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

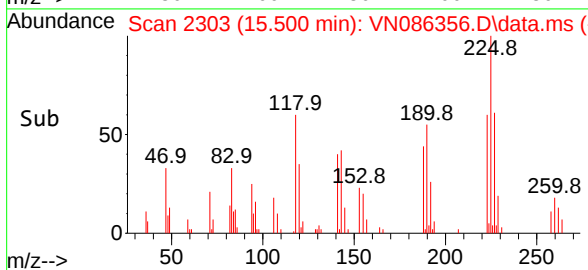
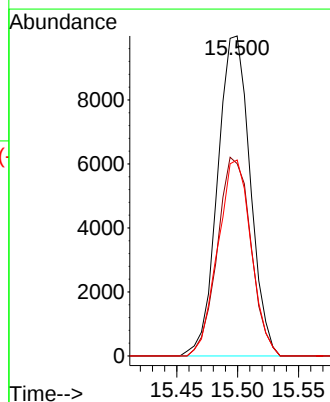
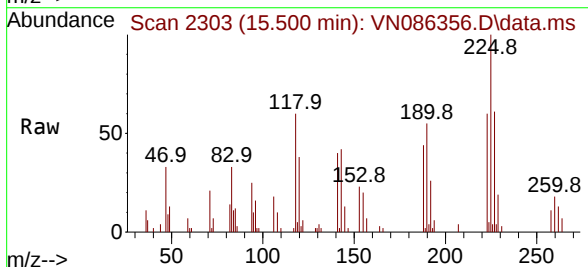
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0421WBSD01

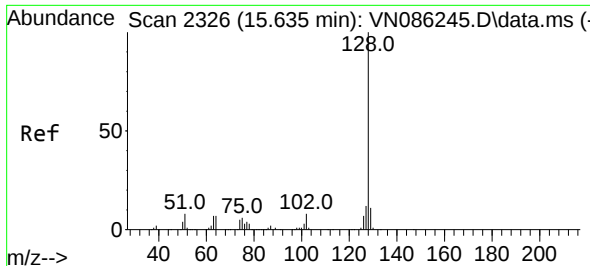
Tgt Ion:180 Resp: 46708
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.1 112.7
 145 33.5 27.1 40.7



#90
 Hexachlorobutadiene
 Concen: 18.904 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN086356.D
 Acq: 21 Apr 2025 12:48

Tgt Ion:225 Resp: 18593
 Ion Ratio Lower Upper
 225 100
 223 63.8 0.0 130.0
 227 62.6 0.0 123.2

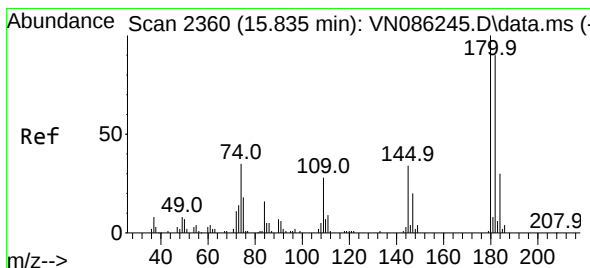
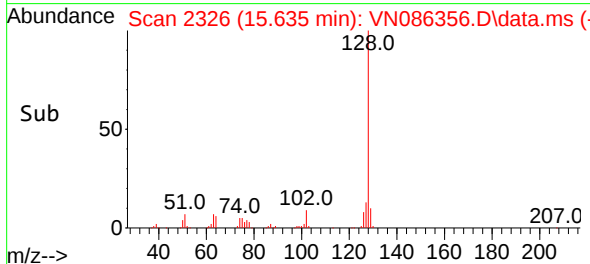
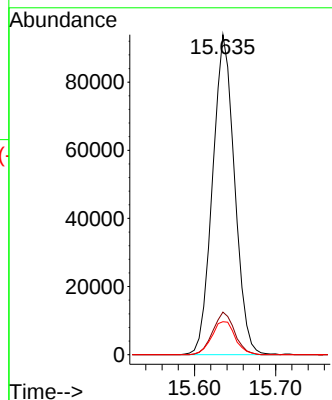
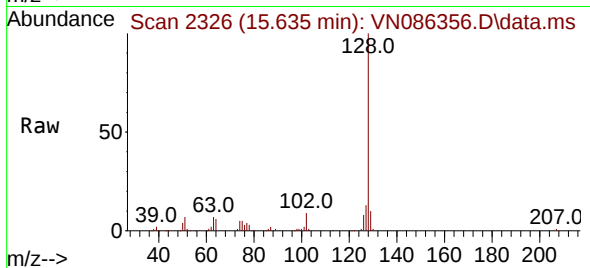




#91
Naphthalene
Concen: 19.674 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0421WBSD01

Tgt Ion:128 Resp: 176702
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.504 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086356.D
Acq: 21 Apr 2025 12:48

Tgt Ion:180 Resp: 46708
Ion Ratio Lower Upper
180 100
182 94.7 0.0 187.8
145 33.5 0.0 67.8

