

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086028.D
 Acq On : 20 Mar 2025 16:36
 Operator : JC\MD
 Sample : VN0320WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

Quant Time: Mar 21 01:21:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	171117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114192	48.734	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.460%
35) Dibromofluoromethane	8.165	113	93081	49.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.100%
50) Toluene-d8	10.565	98	339751	49.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.847	95	116857	47.580	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40788	17.992	ug/l	98
3) Chloromethane	2.359	50	34424	17.321	ug/l	96
4) Vinyl Chloride	2.512	62	36961	18.189	ug/l	99
5) Bromomethane	2.959	94	24991	18.055	ug/l	100
6) Chloroethane	3.118	64	22106	17.244	ug/l	94
7) Trichlorofluoromethane	3.500	101	67878	18.582	ug/l	92
8) Diethyl Ether	3.953	74	19131	17.107	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	36026	18.556	ug/l	100
10) Methyl Iodide	4.589	142	46574	18.411	ug/l #	90
11) Tert butyl alcohol	5.518	59	24223	73.015	ug/l	97
12) 1,1-Dichloroethene	4.347	96	32869	18.749	ug/l	98
13) Acrolein	4.183	56	27862	78.742	ug/l	94
14) Allyl chloride	5.018	41	38175	17.455	ug/l	98
15) Acrylonitrile	5.712	53	77726	88.713	ug/l	99
16) Acetone	4.430	43	58247	81.366	ug/l	96
17) Carbon Disulfide	4.712	76	99289	17.222	ug/l	96
18) Methyl Acetate	5.018	43	30849	17.417	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	103405	18.000	ug/l	94
20) Methylene Chloride	5.271	84	39753	18.982	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	35941	18.760	ug/l	99
22) Diisopropyl ether	6.671	45	92770	19.905	ug/l	96
23) Vinyl Acetate	6.600	43	321200	90.913	ug/l	98
24) 1,1-Dichloroethane	6.565	63	66362	19.363	ug/l	95
25) 2-Butanone	7.482	43	88358	85.540	ug/l	99
26) 2,2-Dichloropropane	7.488	77	62895	19.062	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	41239	18.942	ug/l	97
28) Bromochloromethane	7.806	49	26081	17.962	ug/l	96
29) Tetrahydrofuran	7.835	42	54165	84.938	ug/l	96
30) Chloroform	7.965	83	75179	19.846	ug/l	96
31) Cyclohexane	8.253	56	52284	17.908	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	69944	19.505	ug/l	98
36) 1,1-Dichloropropene	8.371	75	47696	19.089	ug/l	99
37) Ethyl Acetate	7.559	43	36839	17.476	ug/l	99
38) Carbon Tetrachloride	8.359	117	64805	19.726	ug/l	97
39) Methylcyclohexane	9.594	83	41695	16.820	ug/l	97
40) Benzene	8.600	78	155530	19.829	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	18900	18.777	ug/l	96
42) 1,2-Dichloroethane	8.665	62	52550	19.227	ug/l	100
43) Isopropyl Acetate	8.688	43	63848	13.978	ug/l	98
44) Trichloroethene	9.353	130	37162	18.280	ug/l	96
45) 1,2-Dichloropropane	9.618	63	36125	20.249	ug/l	94
46) Dibromomethane	9.706	93	27917	19.898	ug/l	99
47) Bromodichloromethane	9.888	83	58065	19.803	ug/l	99
48) Methyl methacrylate	9.676	41	26405	17.518	ug/l	96
49) 1,4-Dioxane	9.694	88	13183	369.975	ug/l	90
51) 4-Methyl-2-Pentanone	10.441	43	187389	93.021	ug/l	98
52) Toluene	10.629	92	98294	20.418	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	52472	18.426	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	56434	18.783	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	37011	20.143	ug/l	97
56) Ethyl methacrylate	10.870	69	46423	18.614	ug/l	99
57) 1,3-Dichloropropane	11.159	76	58678	18.802	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	87505	93.210	ug/l	99
59) 2-Hexanone	11.194	43	134672	91.768	ug/l	96
60) Dibromochloromethane	11.359	129	47443	20.010	ug/l	98
61) 1,2-Dibromoethane	11.470	107	36543	19.373	ug/l	98
64) Tetrachloroethene	11.100	164	38863	19.990	ug/l	99
65) Chlorobenzene	11.888	112	104393	18.719	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41240	19.893	ug/l	98
67) Ethyl Benzene	11.959	91	169330	18.981	ug/l	97
68) m/p-Xylenes	12.070	106	139334	39.738	ug/l	100
69) o-Xylene	12.400	106	62606	19.454	ug/l	99
70) Styrene	12.406	104	108240	19.692	ug/l	98
71) Bromoform	12.576	173	32436	18.716	ug/l #	99
73) Isopropylbenzene	12.694	105	152447	17.603	ug/l	98
74) N-amyl acetate	12.494	43	50373	17.385	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	51839	17.693	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	67911	23.919	ug/l	73
77) Bromobenzene	12.976	156	43832	18.151	ug/l	98
78) n-propylbenzene	13.035	91	187385	19.108	ug/l	99
79) 2-Chlorotoluene	13.123	91	120542	18.506	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	140959	19.278	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16899	15.736	ug/l	91
82) 4-Chlorotoluene	13.217	91	127029	18.964	ug/l	100
83) tert-Butylbenzene	13.435	119	109792	17.557	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	142424	19.312	ug/l	100
85) sec-Butylbenzene	13.611	105	152762	18.726	ug/l	99
86) p-Isopropyltoluene	13.729	119	128562	18.617	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	80744	18.550	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	82641	18.070	ug/l	98
89) n-Butylbenzene	14.053	91	96953	17.241	ug/l	98
90) Hexachloroethane	14.329	117	28124	17.650	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	77034	17.803	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9928	16.975	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	33982	15.619	ug/l	99
94) Hexachlorobutadiene	15.500	225	20685	16.387	ug/l	98
95) Naphthalene	15.635	128	84566	13.423	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	33796	16.370	ug/l	98

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QLast Update : Wed Mar 19 03:20:56 2025
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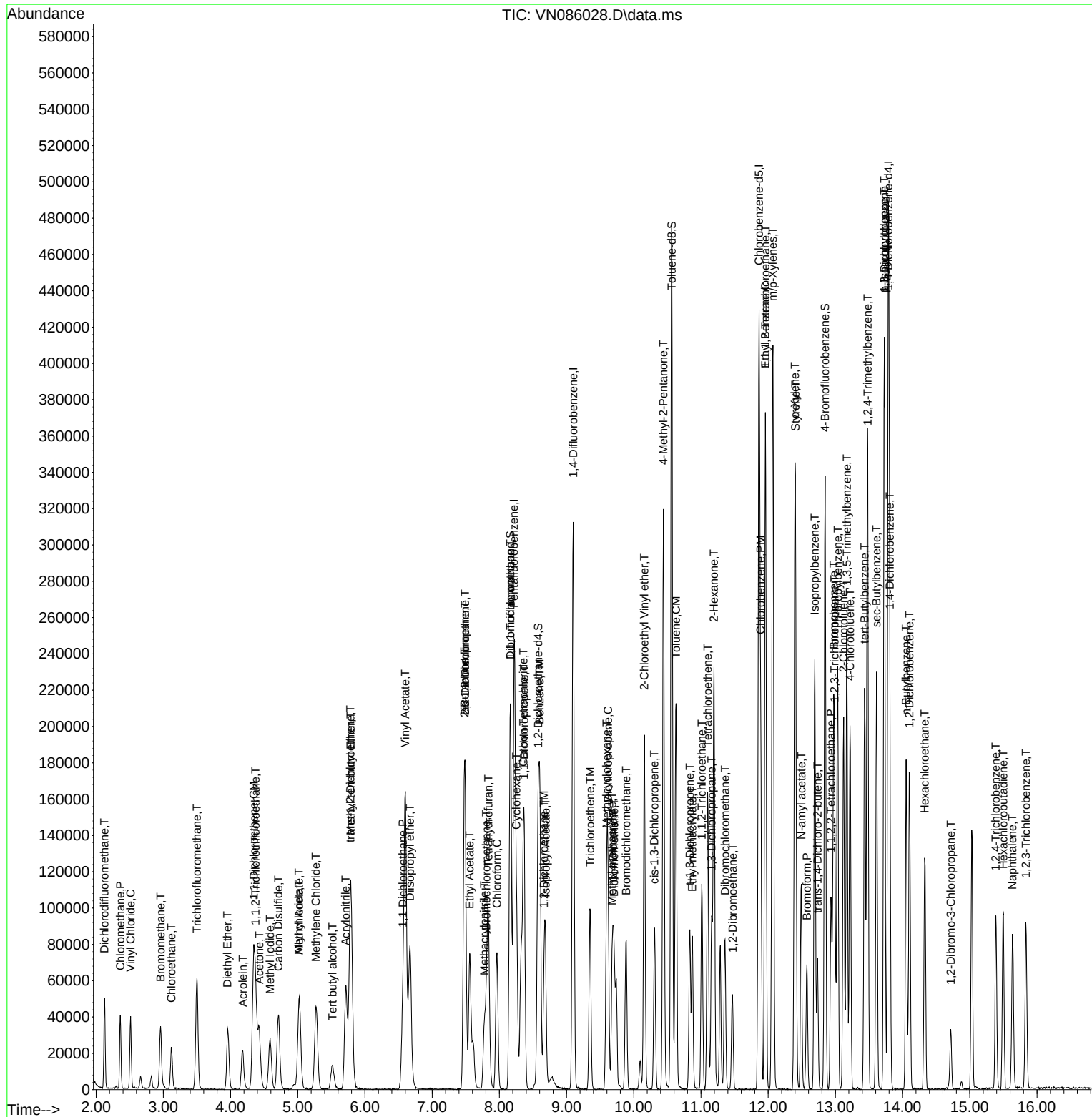
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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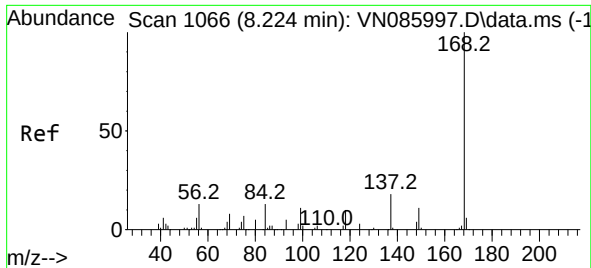
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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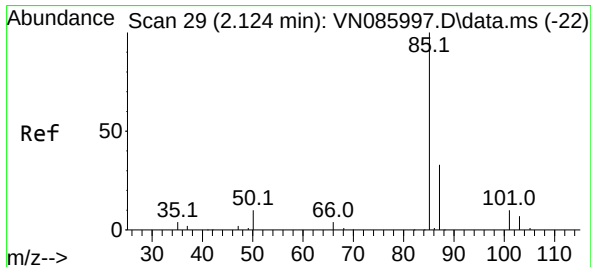
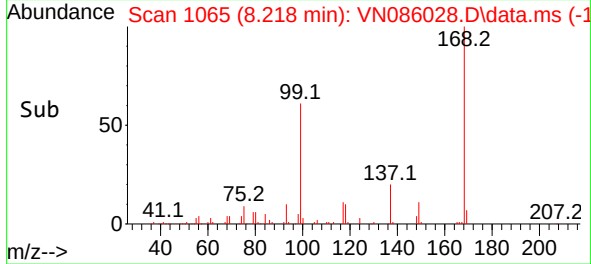
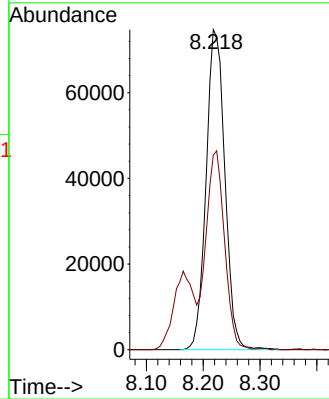
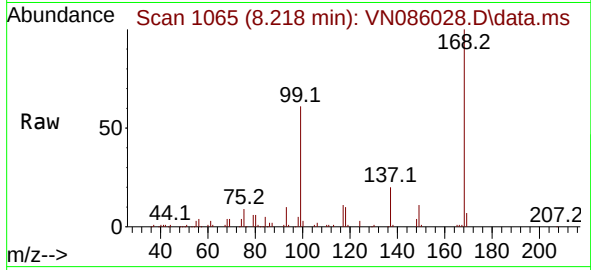




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086028.D
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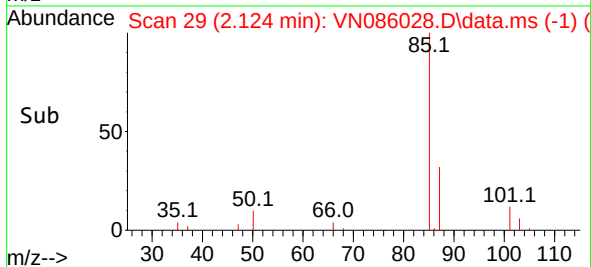
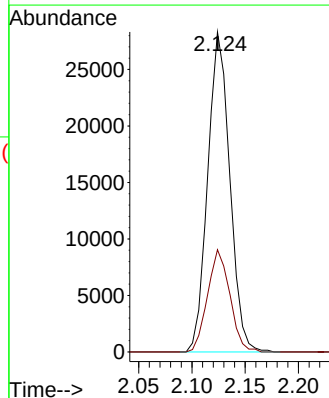
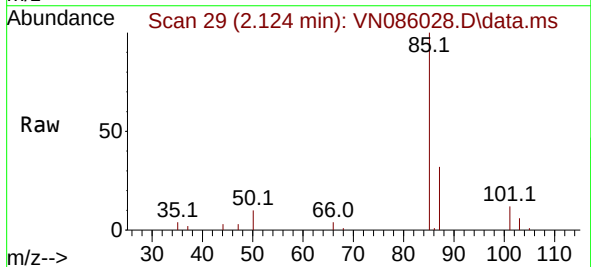
Instrument :
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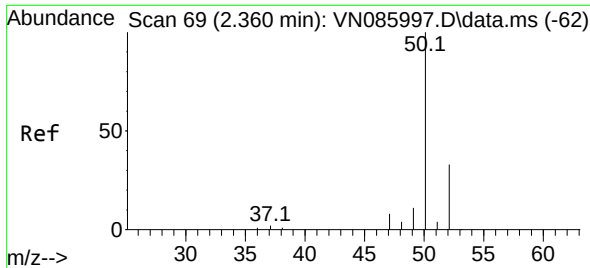
Tgt Ion:168 Resp: 171117
Ion Ratio Lower Upper
168 100
99 60.8 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 17.992 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 85 Resp: 40788
Ion Ratio Lower Upper
85 100
87 31.9 16.5 49.5

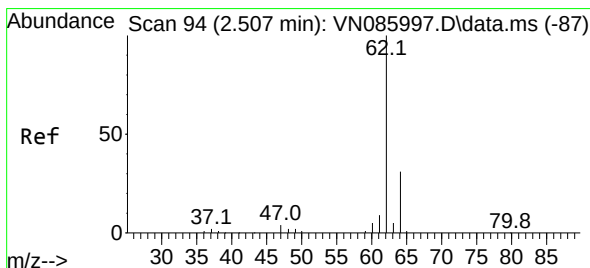
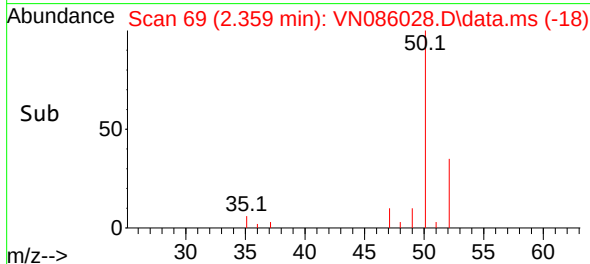
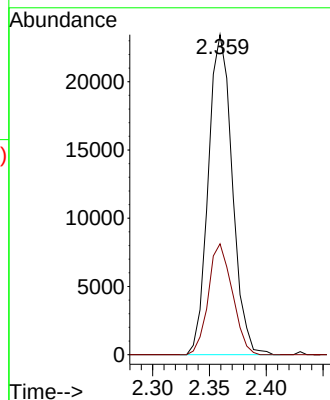
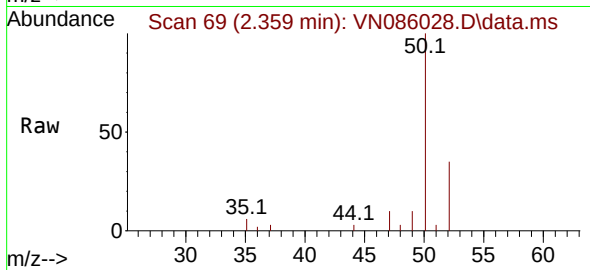




#3
Chloromethane
Concen: 17.321 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

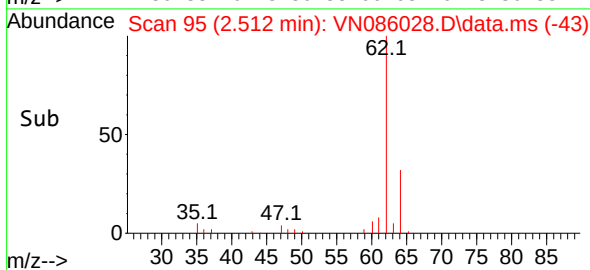
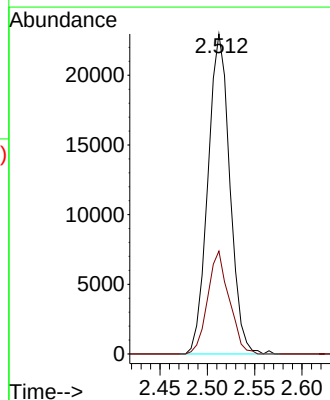
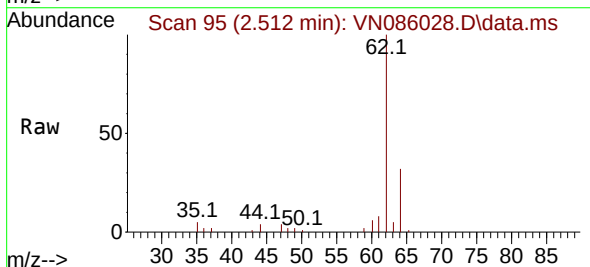
Instrument :
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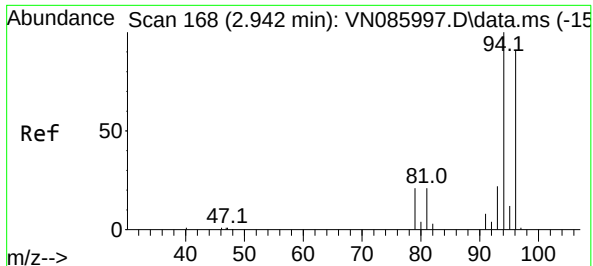
Tgt Ion: 50 Resp: 34424
Ion Ratio Lower Upper
50 100
52 34.7 26.0 39.0



#4
Vinyl Chloride
Concen: 18.189 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 62 Resp: 36961
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8

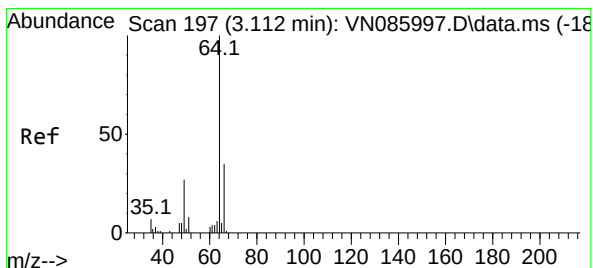
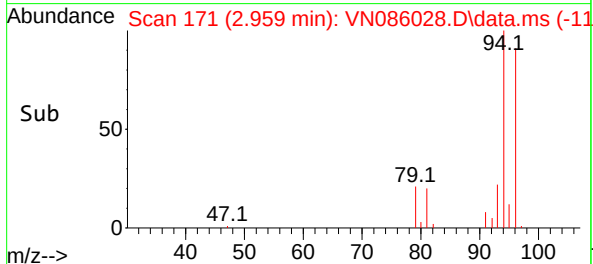
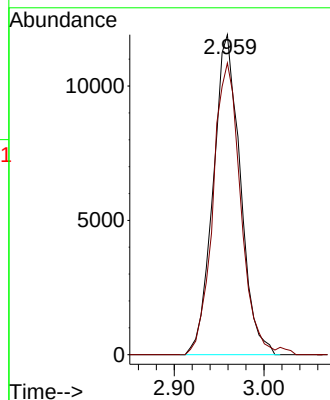
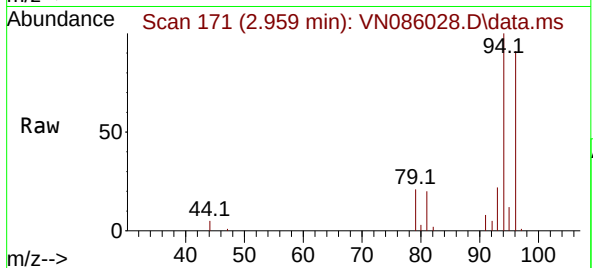




#5
Bromomethane
Concen: 18.055 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN086028.D
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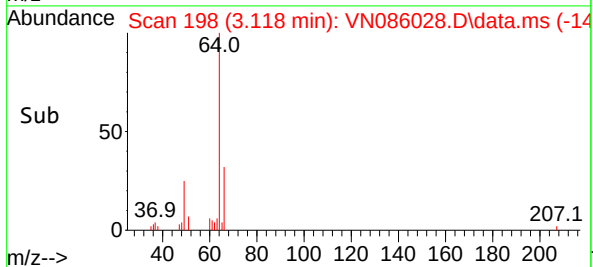
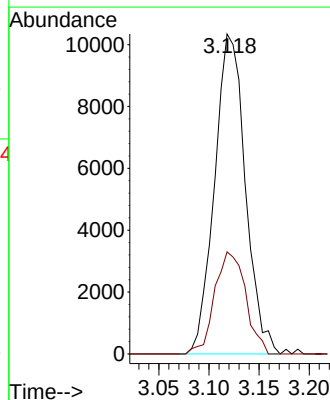
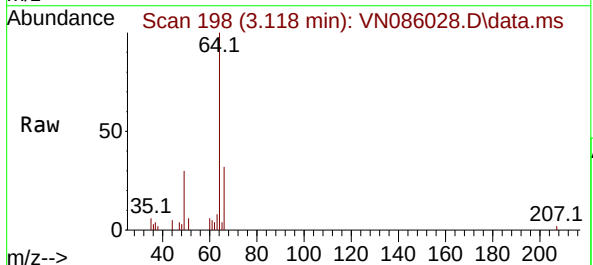
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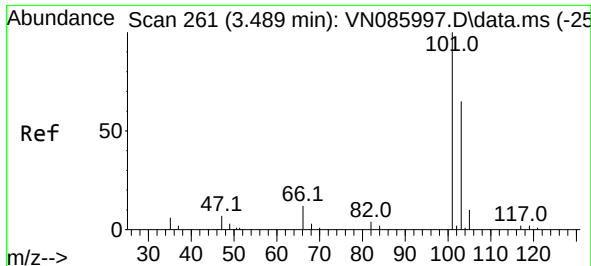
Tgt Ion: 94 Resp: 24991
Ion Ratio Lower Upper
94 100
96 91.2 72.8 109.2



#6
Chloroethane
Concen: 17.244 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 64 Resp: 22106
Ion Ratio Lower Upper
64 100
66 31.9 28.3 42.5

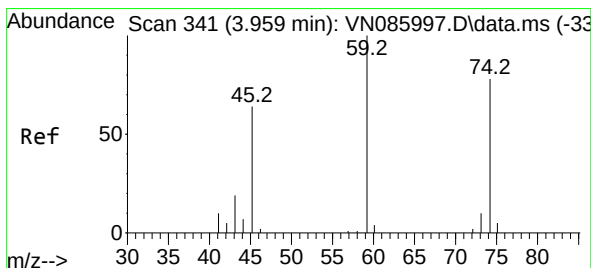
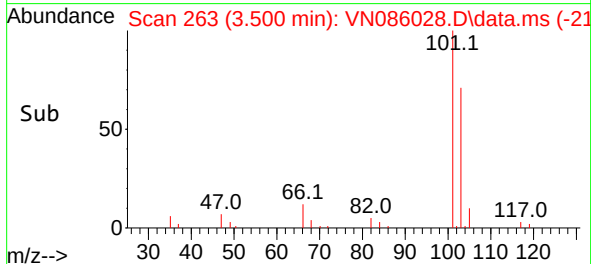
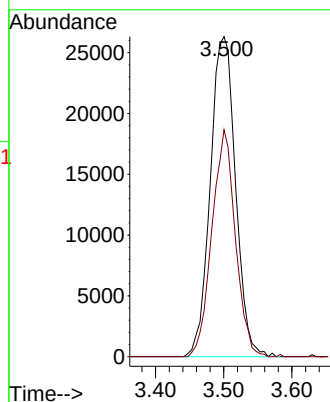
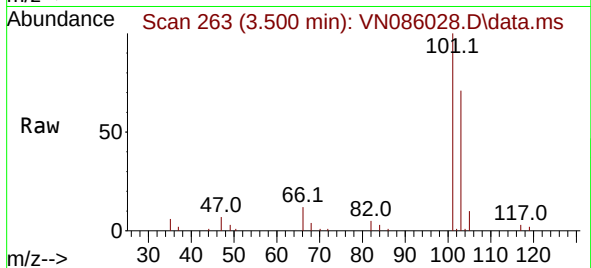




#7
 Trichlorofluoromethane
 Concen: 18.582 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. 0.012 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

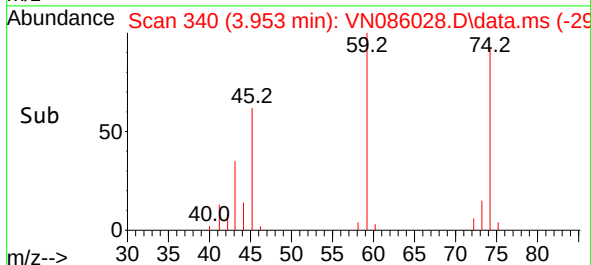
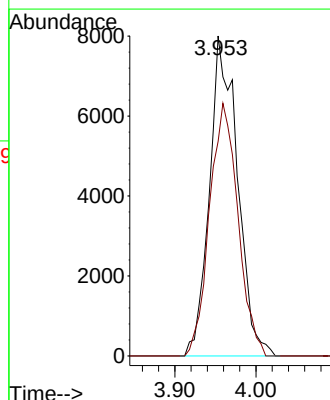
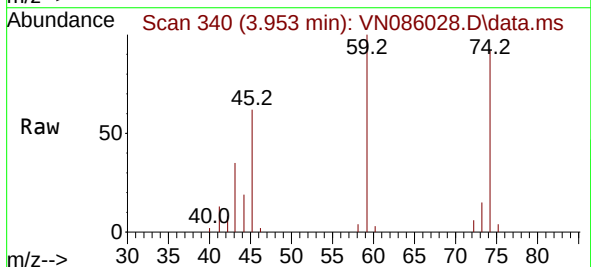
Instrument :
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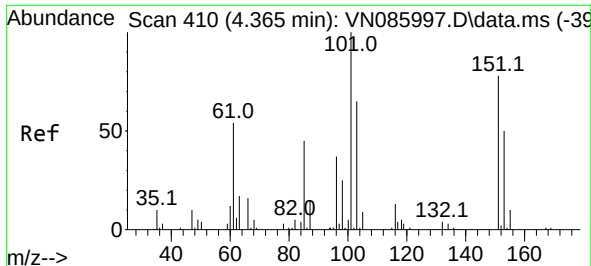
Tgt Ion:101 Resp: 67878
 Ion Ratio Lower Upper
 101 100
 103 70.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 17.107 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 19131
 Ion Ratio Lower Upper
 74 100
 45 80.4 38.0 113.9

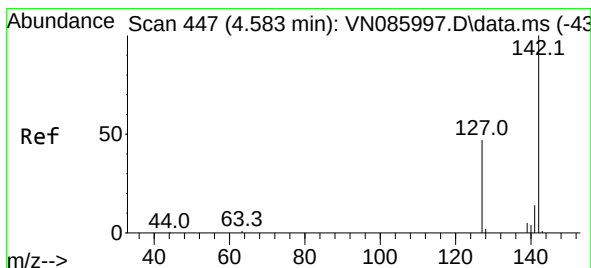
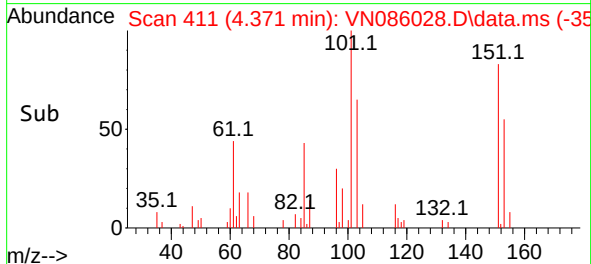
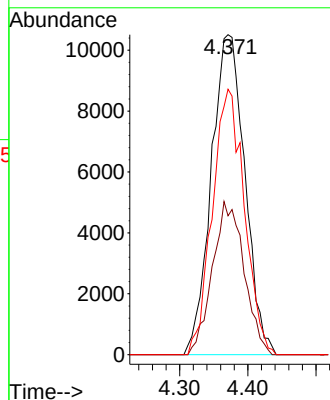
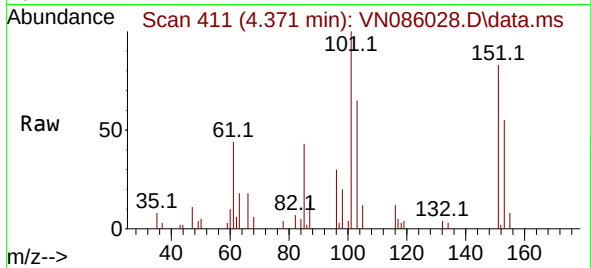




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.556 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

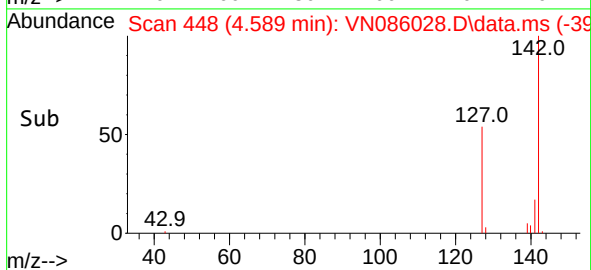
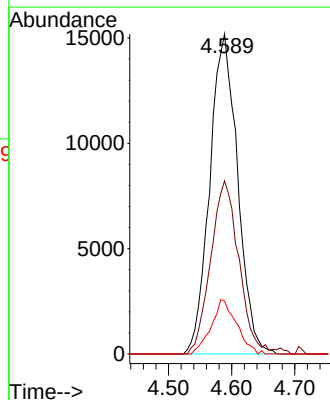
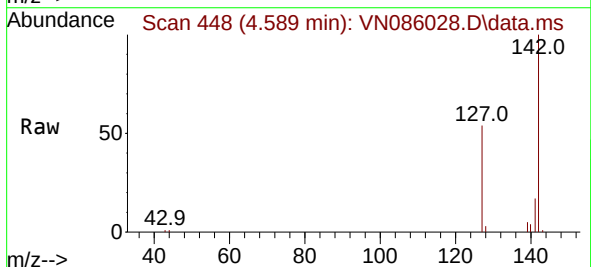
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

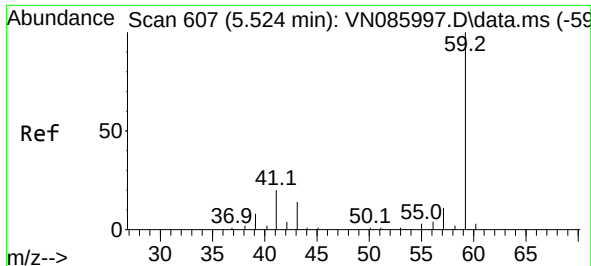
Tgt Ion:101 Resp: 36026
Ion Ratio Lower Upper
101 100
85 45.1 36.5 54.7
151 79.2 63.4 95.0



#10
Methyl Iodide
Concen: 18.411 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:142 Resp: 46574
Ion Ratio Lower Upper
142 100
127 54.1 37.5 56.3
141 16.6 11.0 16.6#

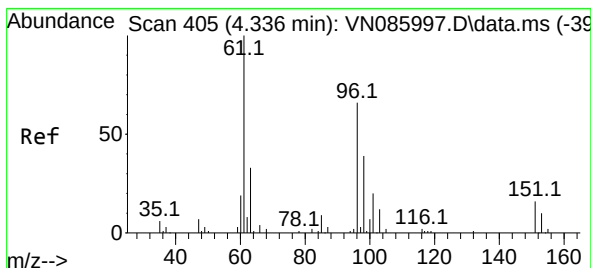
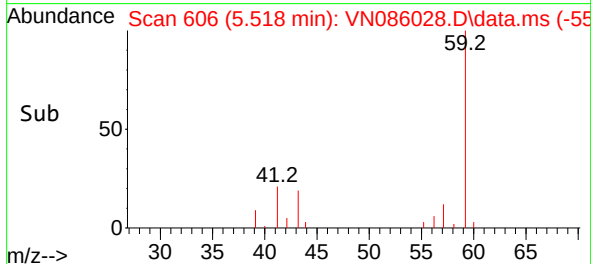
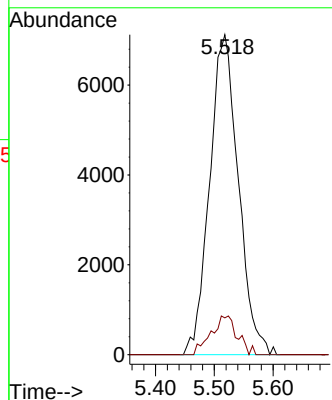
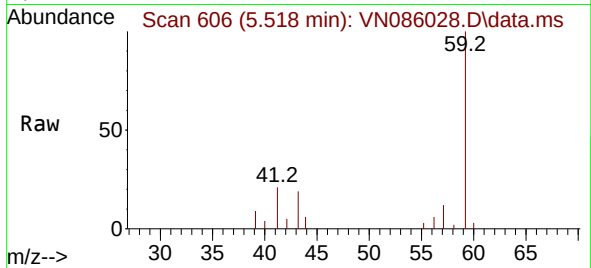




#11
Tert butyl alcohol
Concen: 73.015 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

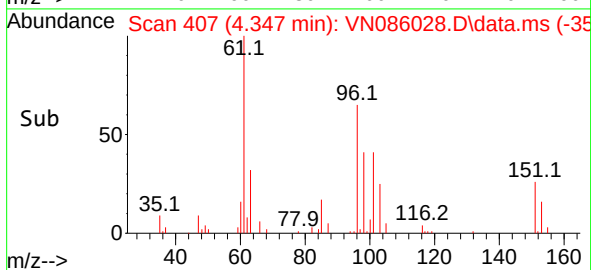
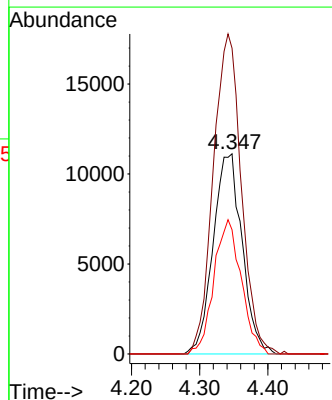
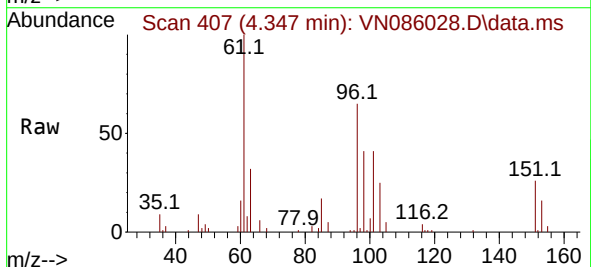
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

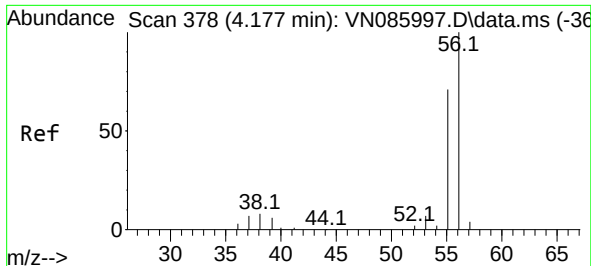
Tgt Ion: 59 Resp: 24223
Ion Ratio Lower Upper
59 100
57 11.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 18.749 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 96 Resp: 32869
Ion Ratio Lower Upper
96 100
61 152.8 120.5 180.7
98 62.0 47.4 71.0





#13

Acrolein

Concen: 78.742 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

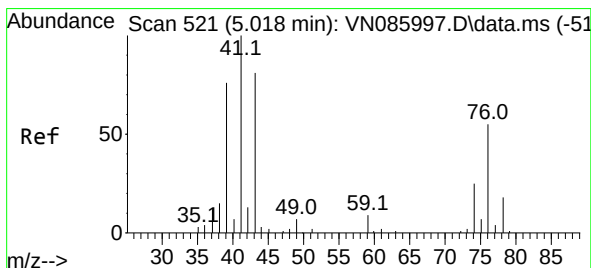
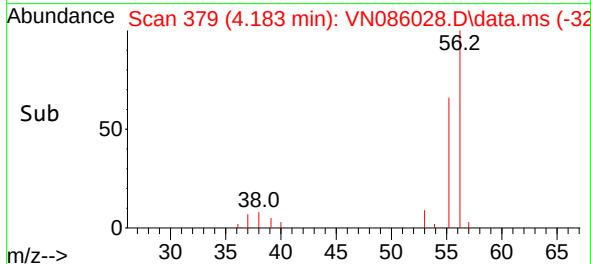
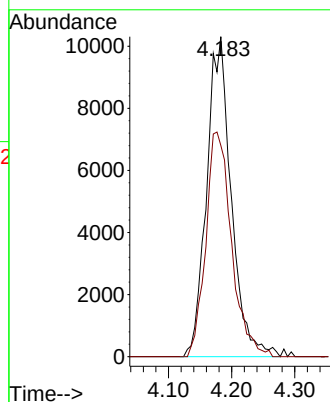
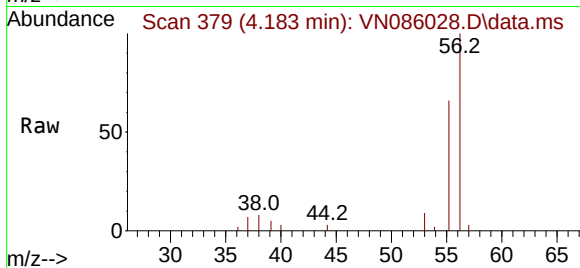
VN0320WBS01

Tgt Ion: 56 Resp: 27862

Ion Ratio Lower Upper

56 100

55 73.5 55.1 82.7



#14

Allyl chloride

Concen: 17.455 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

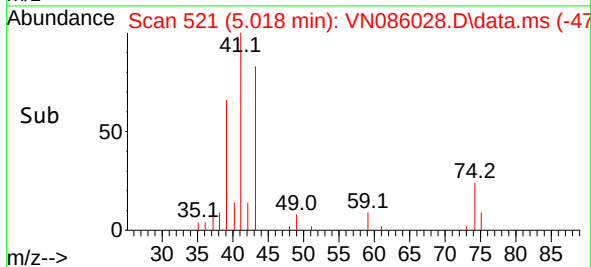
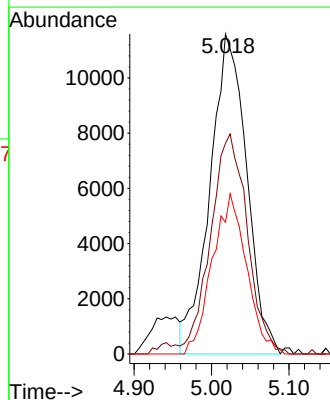
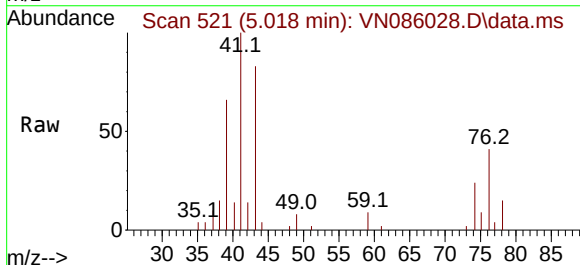
Tgt Ion: 41 Resp: 38175

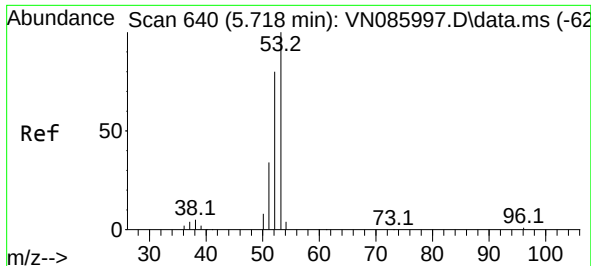
Ion Ratio Lower Upper

41 100

39 68.8 55.5 83.3

76 46.7 39.1 58.7

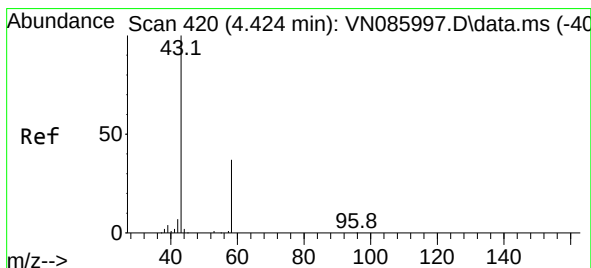
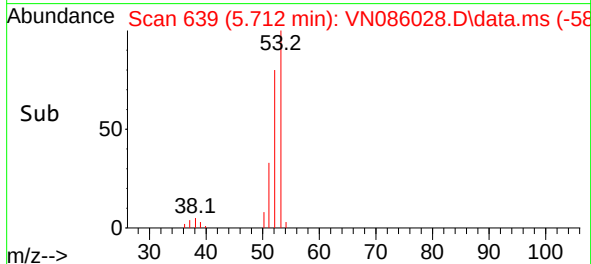
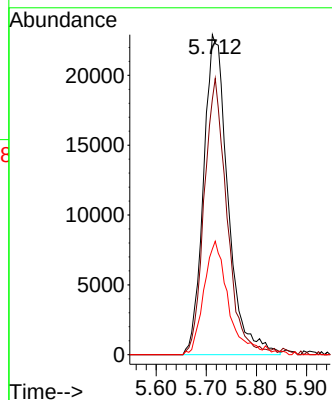
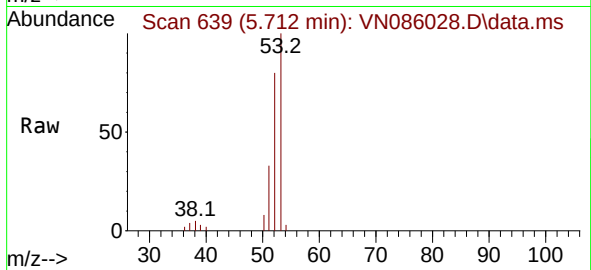




#15
Acrylonitrile
Concen: 88.713 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

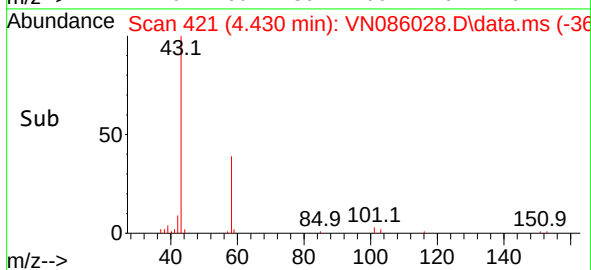
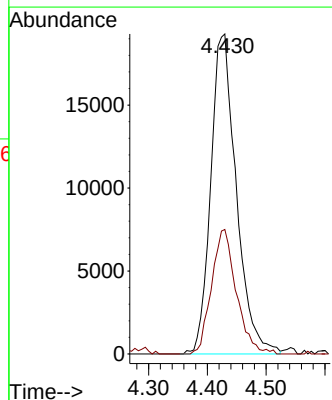
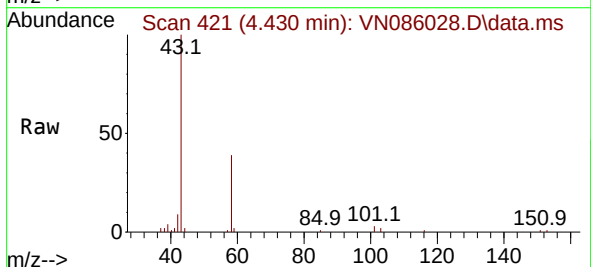
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

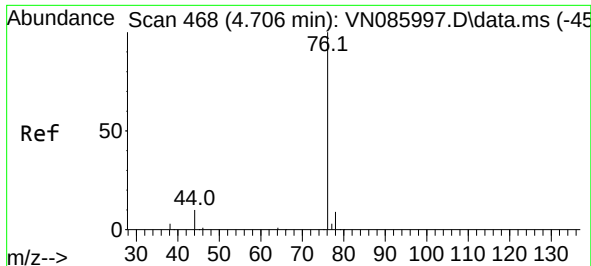
Tgt Ion:	53	Resp:	77726
Ion	Ratio	Lower	Upper
53	100		
52	80.4	63.9	95.9
51	35.2	27.1	40.7



#16
Acetone
Concen: 81.366 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:	43	Resp:	58247
Ion	Ratio	Lower	Upper
43	100		
58	38.9	29.4	44.2

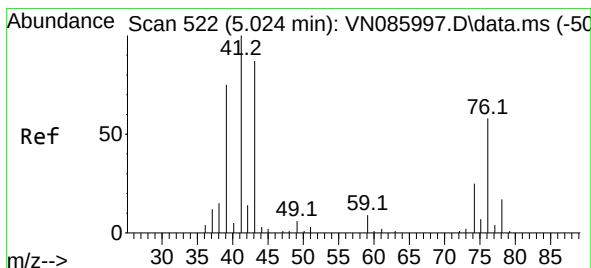
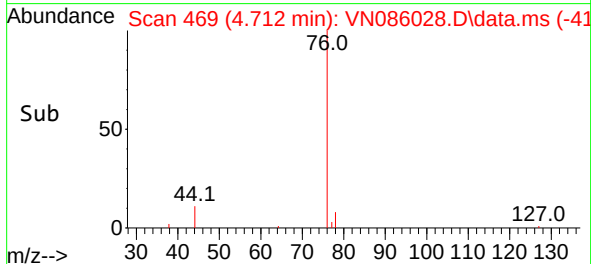
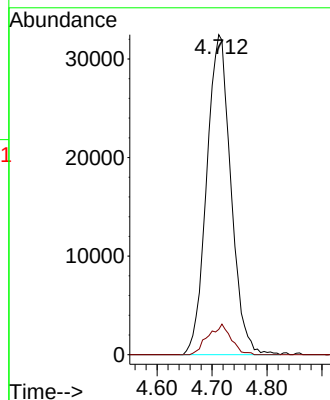
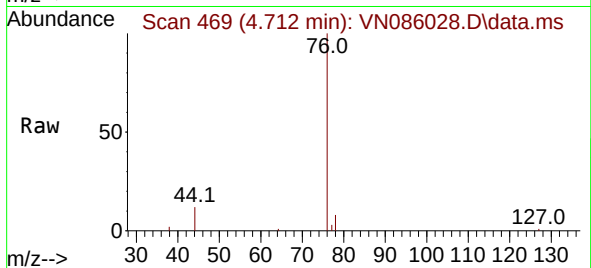




#17
Carbon Disulfide
Concen: 17.222 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

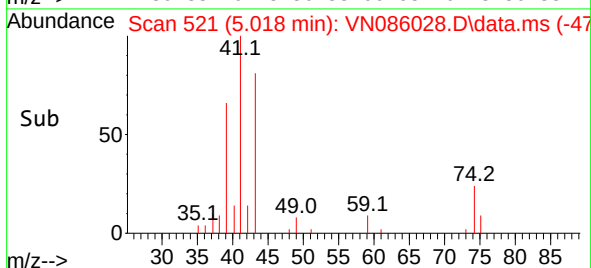
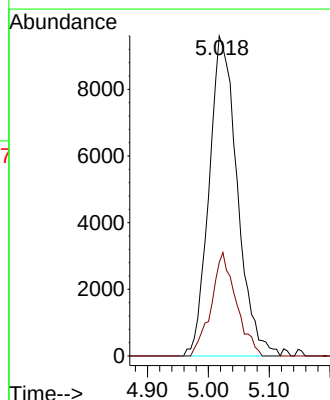
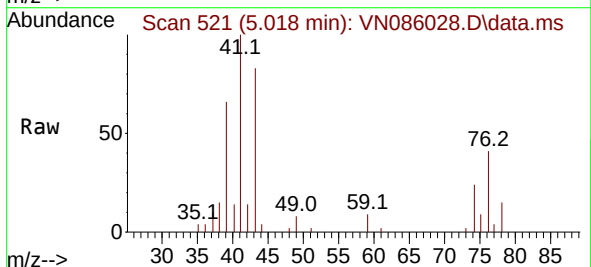
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

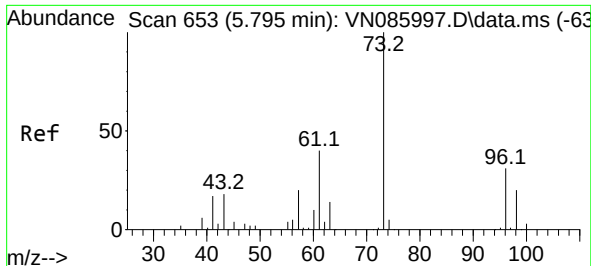
Tgt Ion: 76 Resp: 99289
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2



#18
Methyl Acetate
Concen: 17.417 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 43 Resp: 30849
Ion Ratio Lower Upper
43 100
74 28.7 23.9 35.9

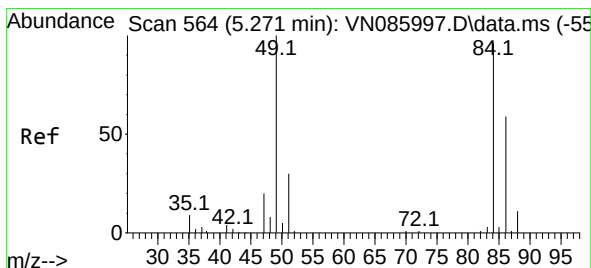
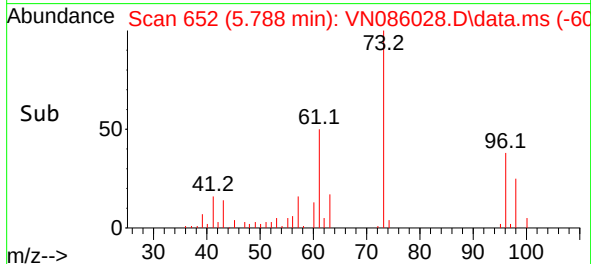
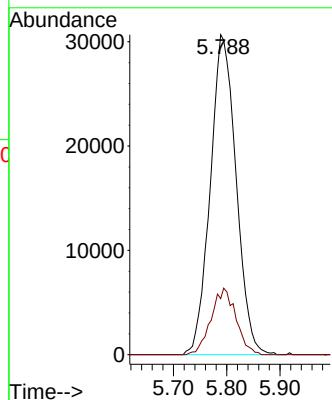
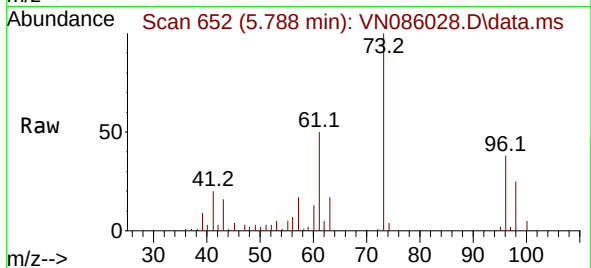




#19
Methyl tert-butyl Ether
Concen: 18.000 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

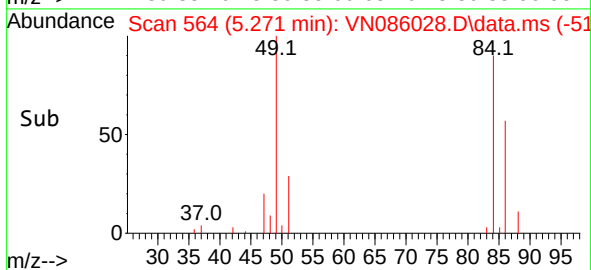
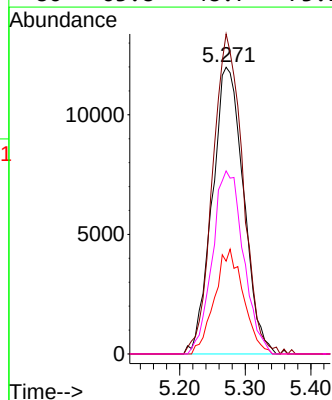
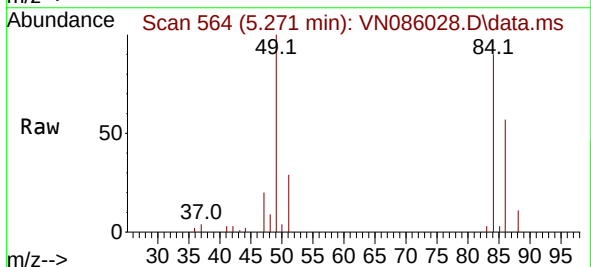
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

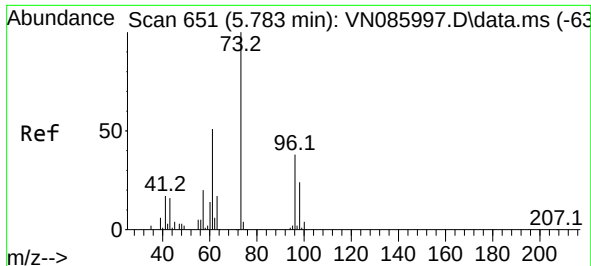
Tgt Ion: 73 Resp: 103405
Ion Ratio Lower Upper
73 100
57 17.5 16.1 24.1



#20
Methylene Chloride
Concen: 18.982 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 84 Resp: 39753
Ion Ratio Lower Upper
84 100
49 111.6 83.3 124.9
51 32.4 24.8 37.2
86 63.8 48.7 73.1

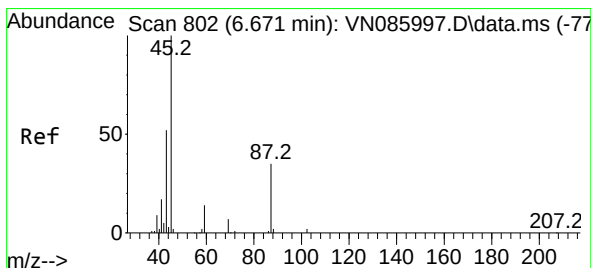
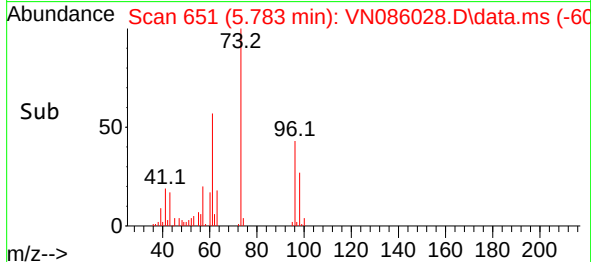
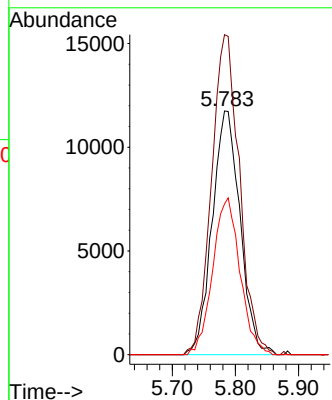
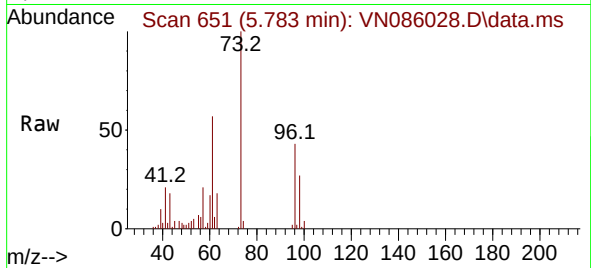




#21
trans-1,2-Dichloroethene
Concen: 18.760 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

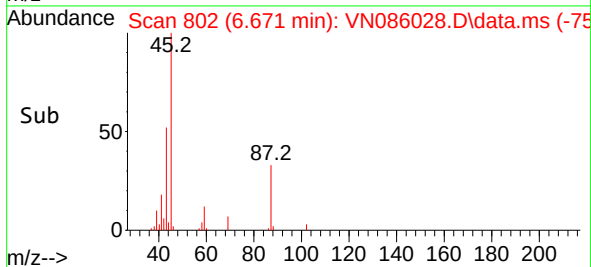
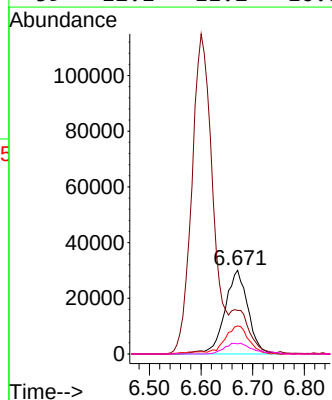
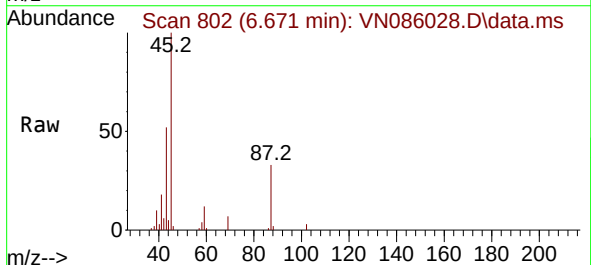
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

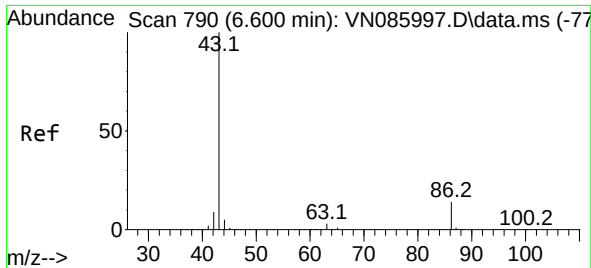
Tgt Ion: 96 Resp: 35941
Ion Ratio Lower Upper
96 100
61 131.3 106.6 160.0
98 61.8 50.0 75.0



#22
Diisopropyl ether
Concen: 19.905 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 45 Resp: 92770
Ion Ratio Lower Upper
45 100
43 49.2 41.2 61.8
87 33.4 28.5 42.7
59 12.1 11.2 16.8

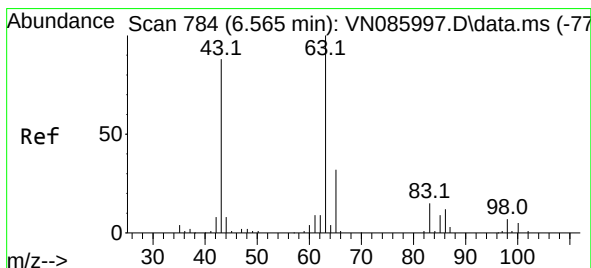
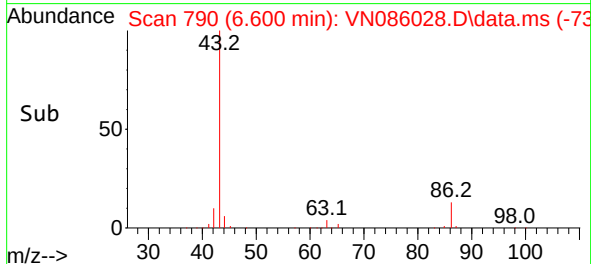
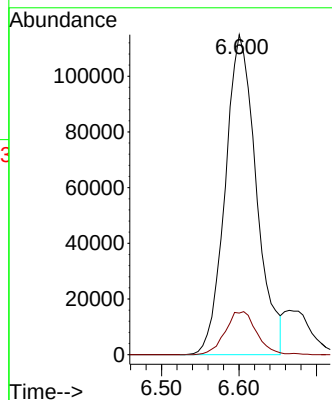
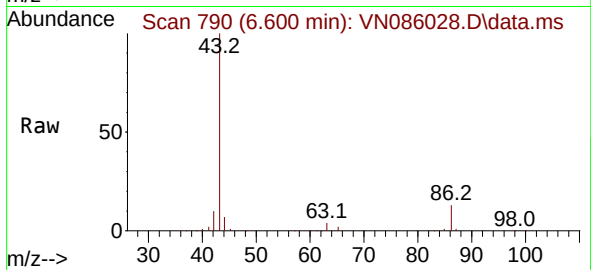




#23
 Vinyl Acetate
 Concen: 90.913 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

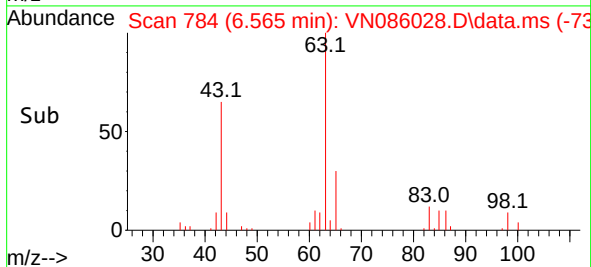
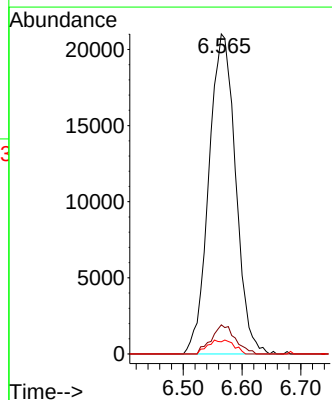
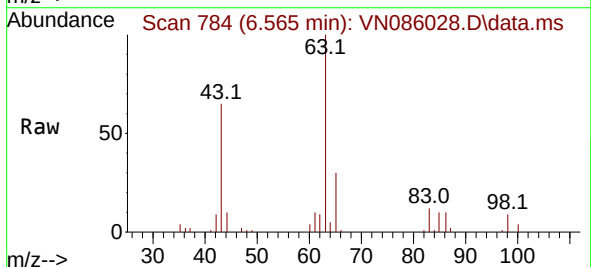
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

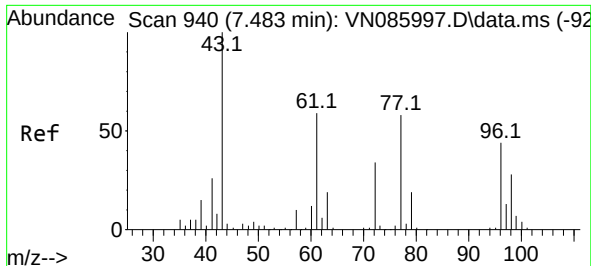
Tgt Ion: 43 Resp: 321200
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.363 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

Tgt Ion: 63 Resp: 66362
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.6 10.9
 100 3.8 2.5 7.5

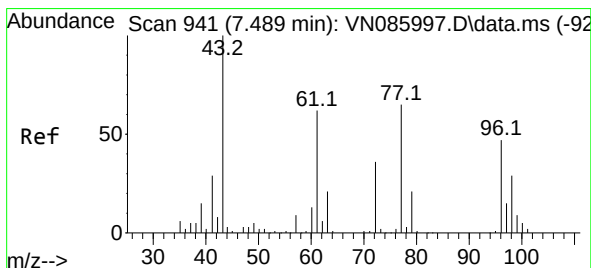
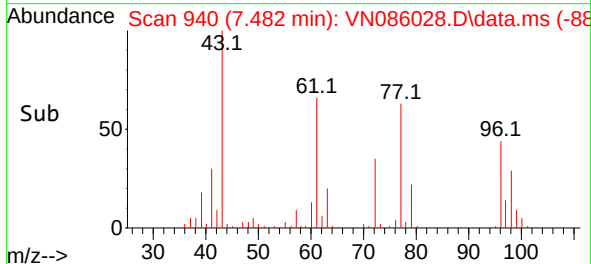
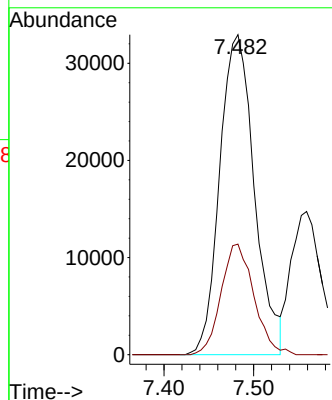
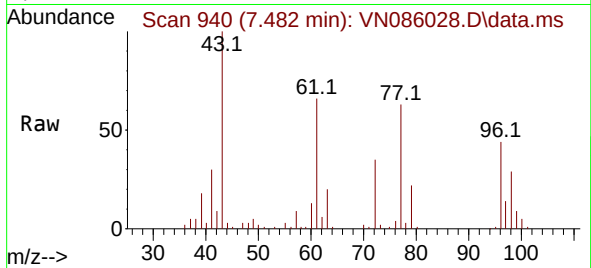




#25
2-Butanone
Concen: 85.540 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

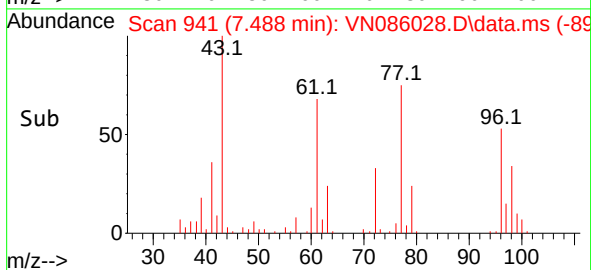
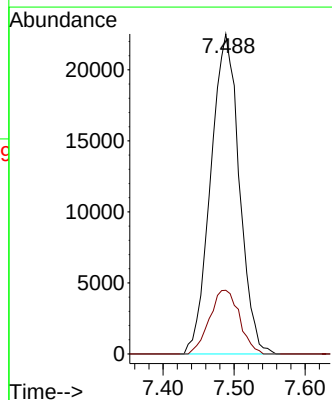
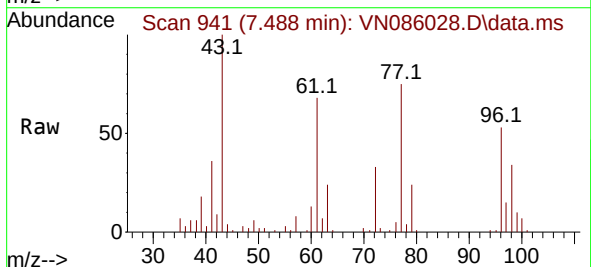
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

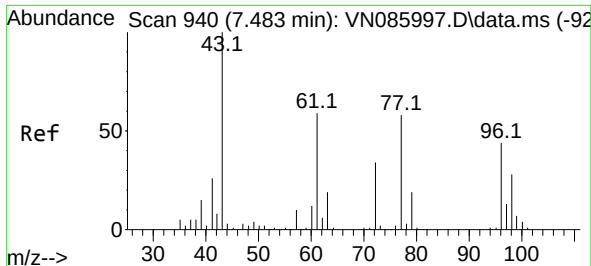
Tgt Ion: 43 Resp: 88358
Ion Ratio Lower Upper
43 100
72 34.6 27.4 41.0



#26
2,2-Dichloropropane
Concen: 19.062 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 77 Resp: 62895
Ion Ratio Lower Upper
77 100
97 20.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.942 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

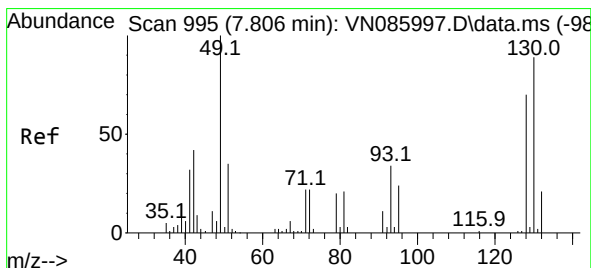
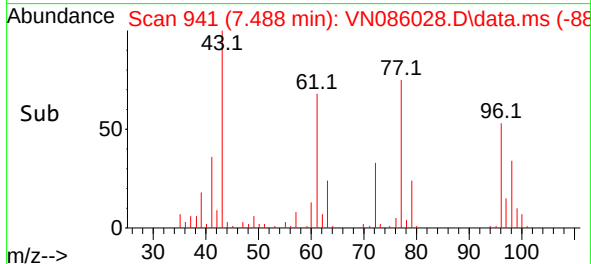
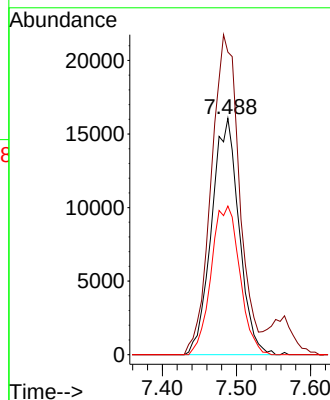
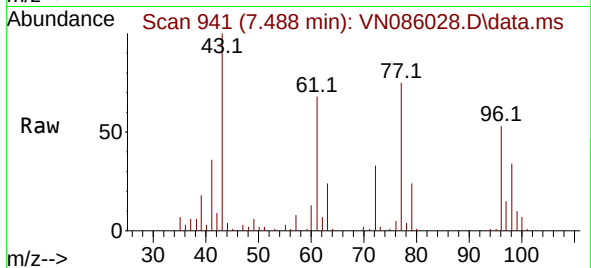
Tgt Ion: 96 Resp: 41239

Ion Ratio Lower Upper

96 100

61 139.7 0.0 272.8

98 65.7 0.0 124.8



#28

Bromochloromethane

Concen: 17.962 ug/l

RT: 7.806 min Scan# 995

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

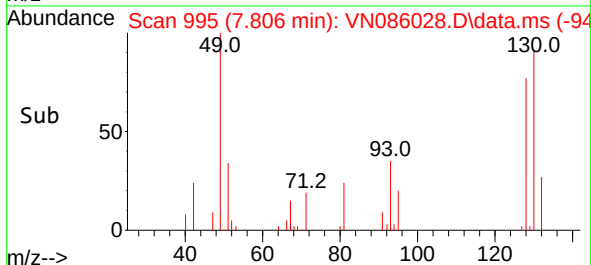
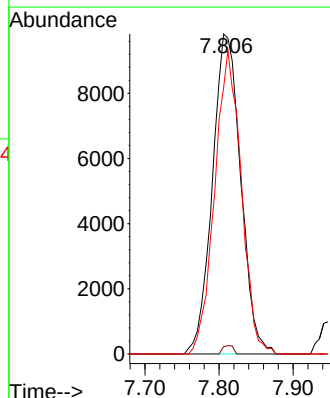
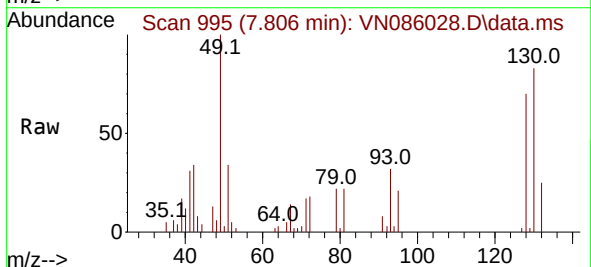
Tgt Ion: 49 Resp: 26081

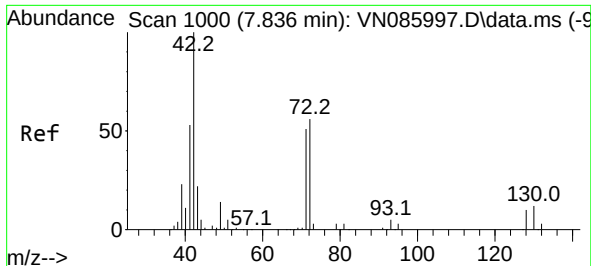
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.2

130 88.8 74.2 111.4





#29

Tetrahydrofuran

Concen: 84.938 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

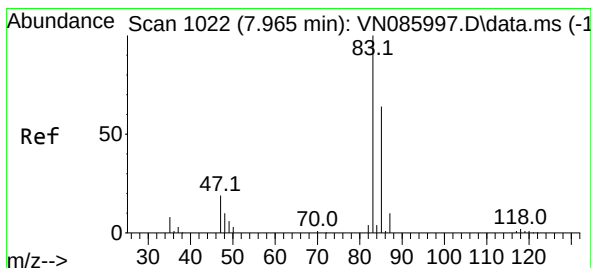
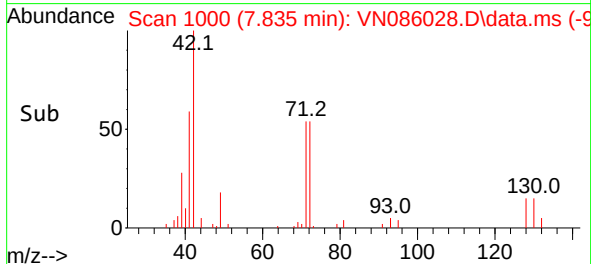
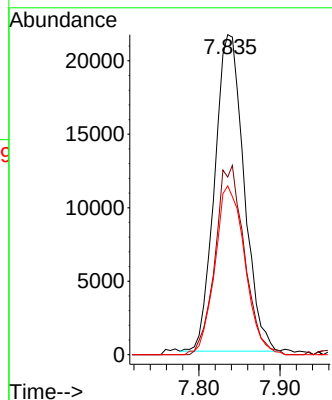
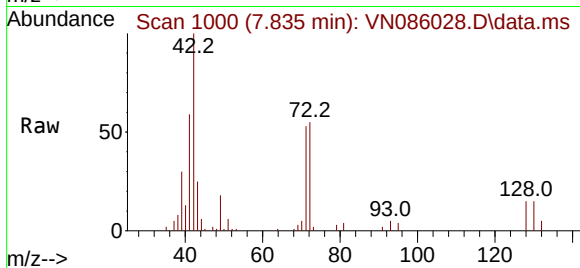
Tgt Ion: 42 Resp: 54165

Ion Ratio Lower Upper

42 100

72 59.6 45.0 67.4

71 54.5 41.9 62.9



#30

Chloroform

Concen: 19.846 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086028.D

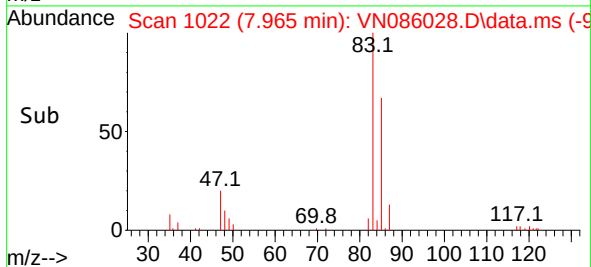
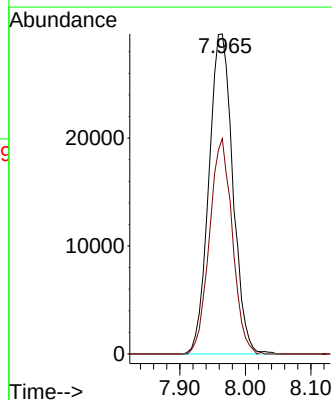
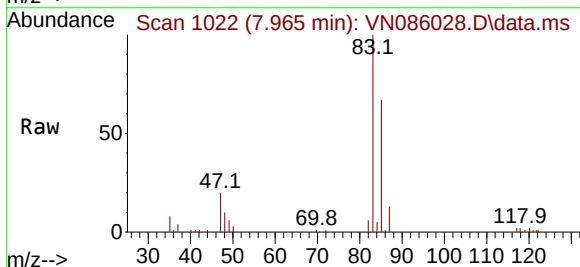
Acq: 20 Mar 2025 16:36

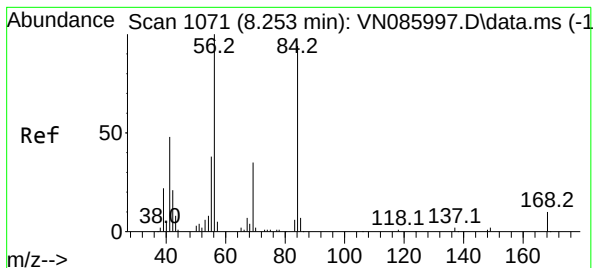
Tgt Ion: 83 Resp: 75179

Ion Ratio Lower Upper

83 100

85 67.3 51.5 77.3





#31

Cyclohexane

Concen: 17.908 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

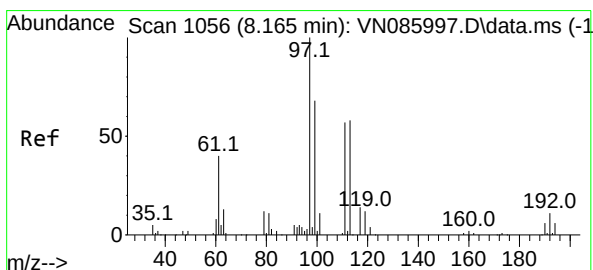
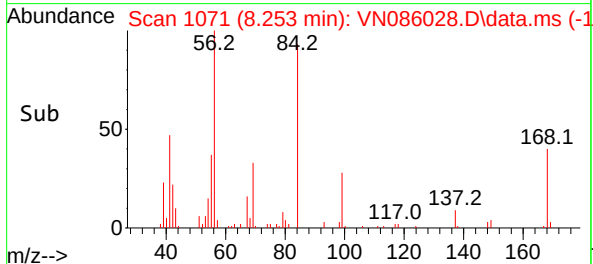
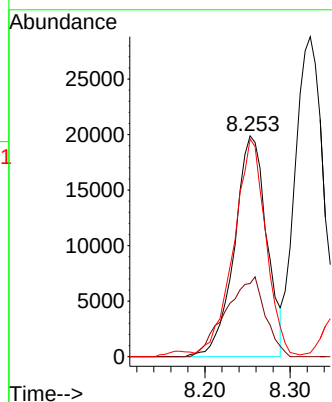
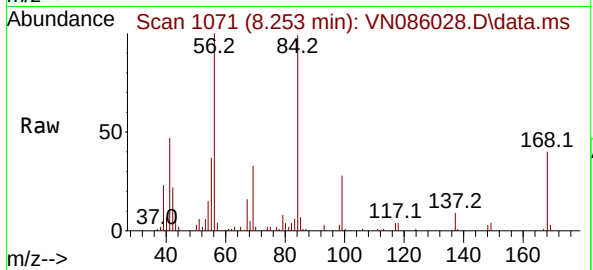
Tgt Ion: 56 Resp: 52284

Ion Ratio Lower Upper

56 100

69 33.2 28.0 42.0

84 96.2 75.0 112.6



#32

1,1,1-Trichloroethane

Concen: 19.505 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

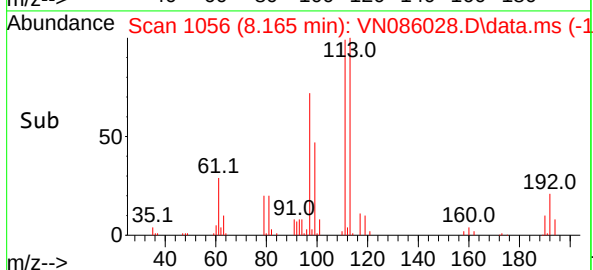
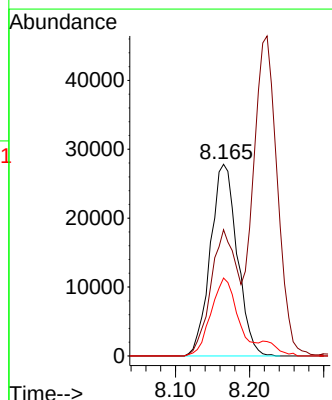
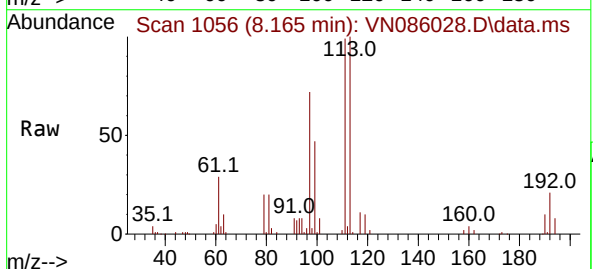
Tgt Ion: 97 Resp: 69944

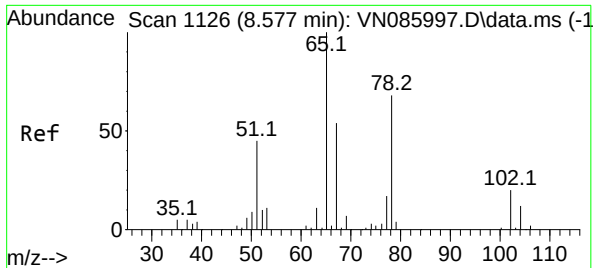
Ion Ratio Lower Upper

97 100

99 63.7 52.8 79.2

61 41.4 33.6 50.4

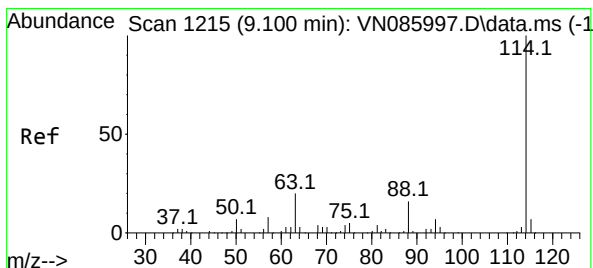
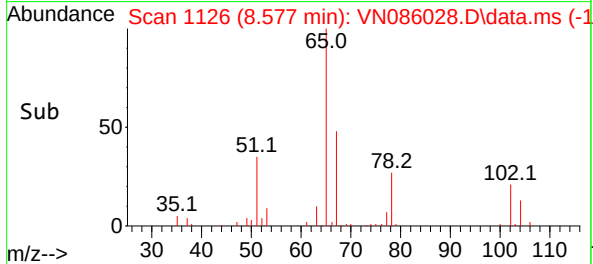
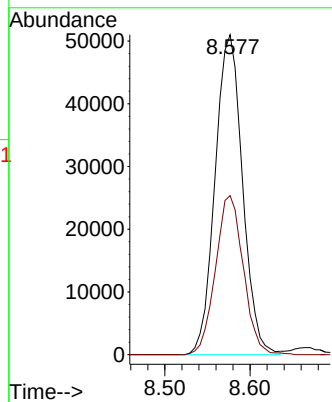
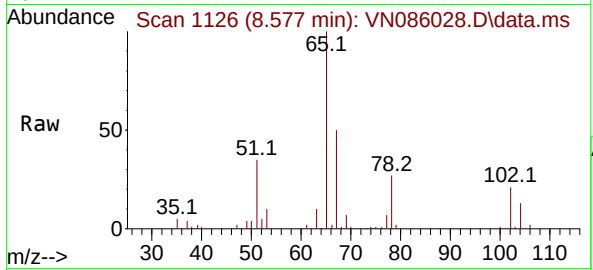




#33
 1,2-Dichloroethane-d4
 Concen: 48.734 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

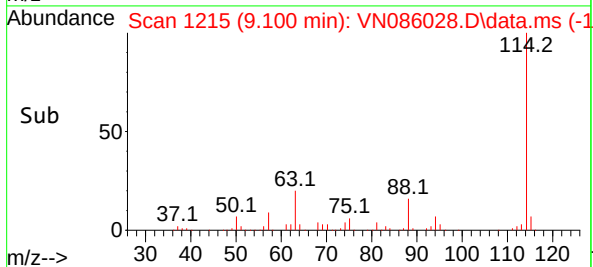
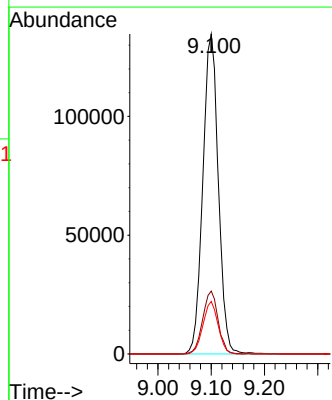
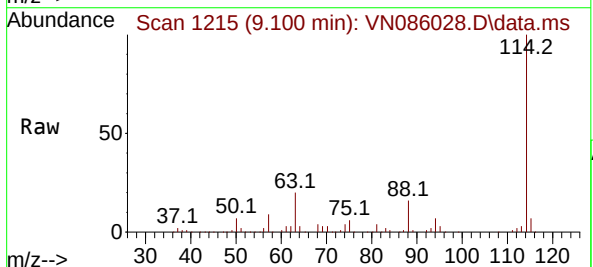
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

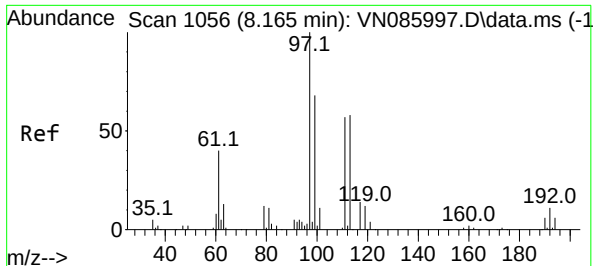
Tgt Ion: 65 Resp: 114192
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

Tgt Ion: 114 Resp: 271859
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.053 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

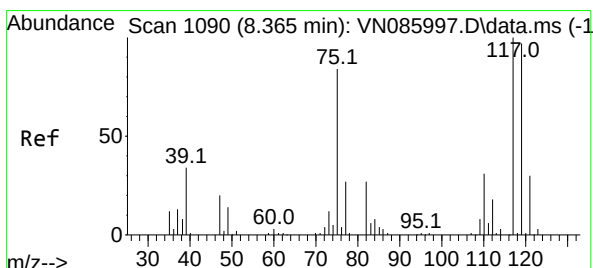
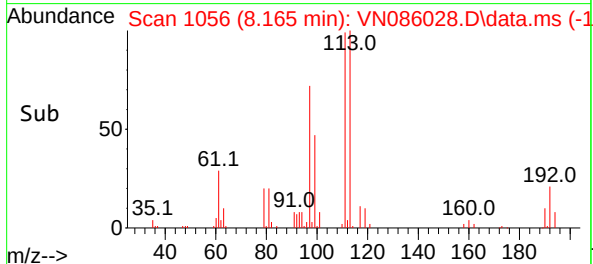
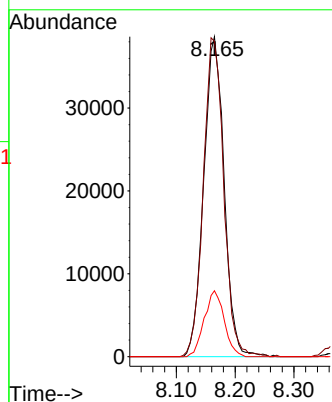
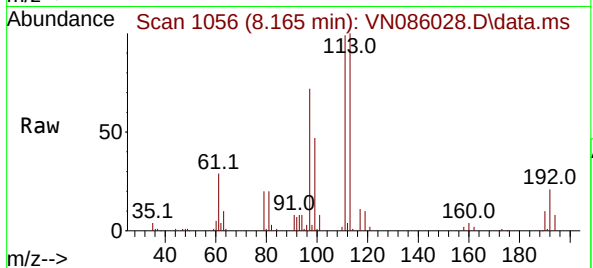
Tgt Ion:113 Resp: 93081

Ion Ratio Lower Upper

113 100

111 99.5 81.8 122.8

192 20.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 19.089 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

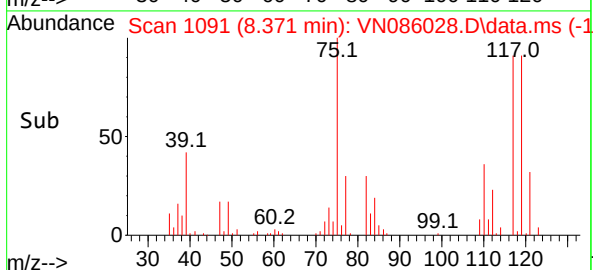
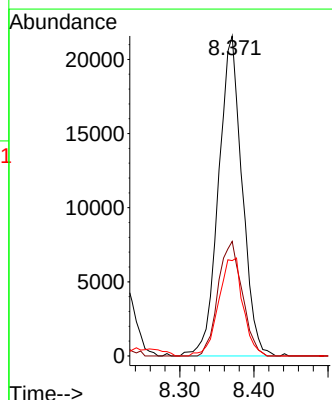
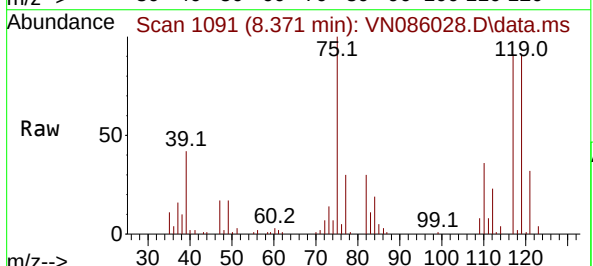
Tgt Ion: 75 Resp: 47696

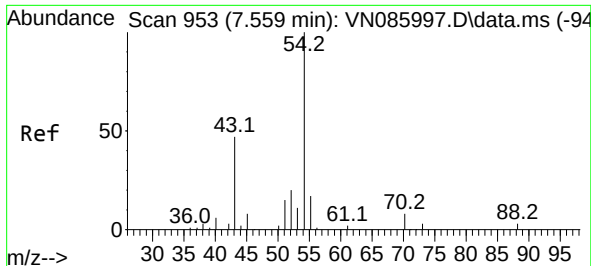
Ion Ratio Lower Upper

75 100

110 36.6 17.8 53.3

77 31.7 25.0 37.4

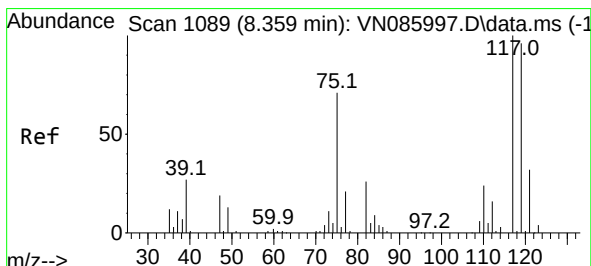
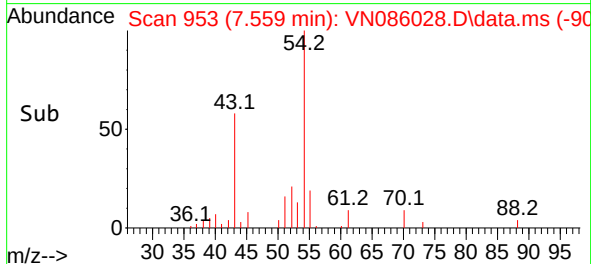
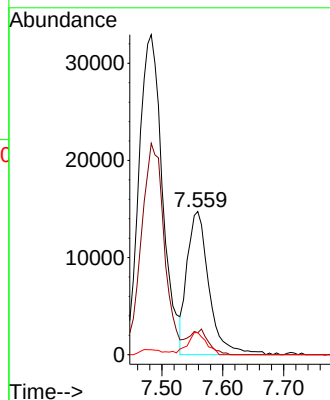
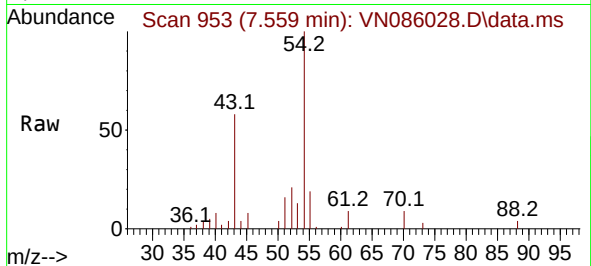




#37
Ethyl Acetate
Concen: 17.476 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

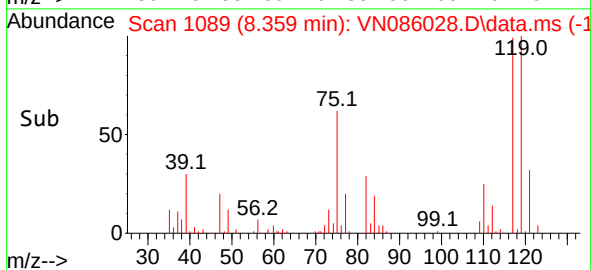
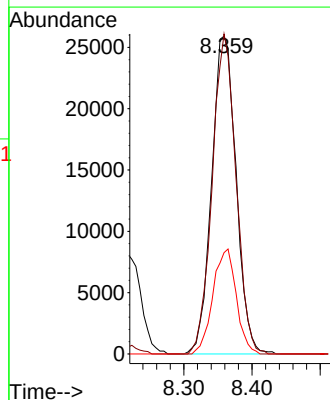
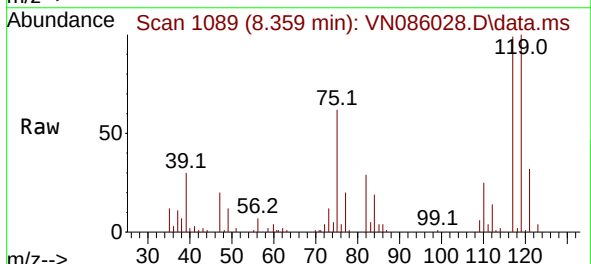
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

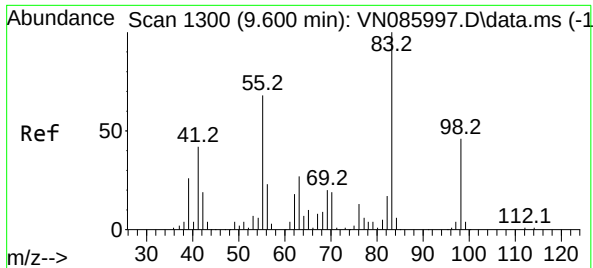
Tgt Ion: 43	Resp: 36839
Ion Ratio	Lower Upper
43 100	
61 15.4	13.0 19.4
70 13.6	11.0 16.6



#38
Carbon Tetrachloride
Concen: 19.726 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:117	Resp:	64805	
Ion	Ratio	Lower	Upper
117	100		
119	100.7	77.0	115.4
121	31.9	25.6	38.4

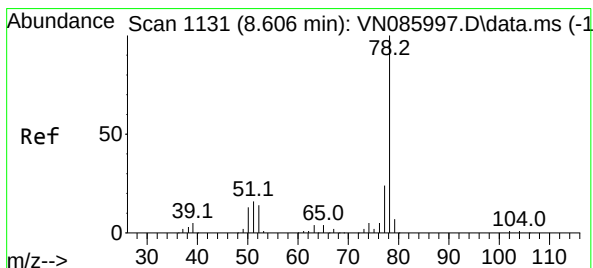
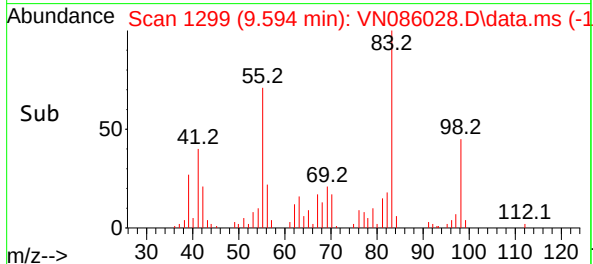
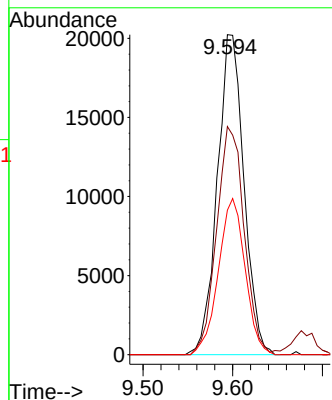
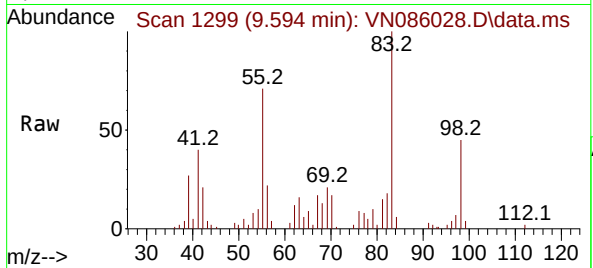




#39
Methylcyclohexane
Concen: 16.820 ug/l
RT: 9.594 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

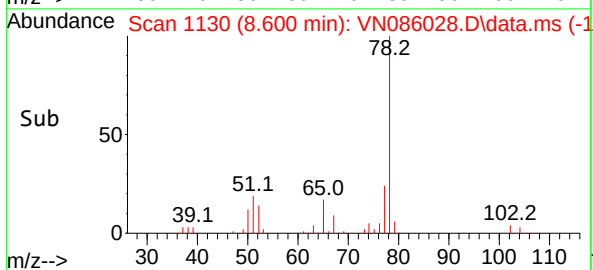
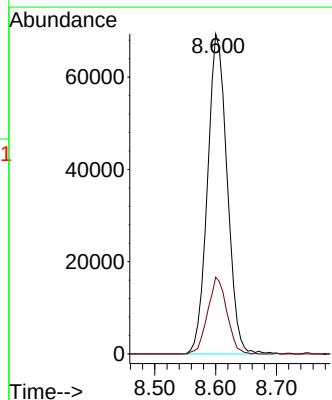
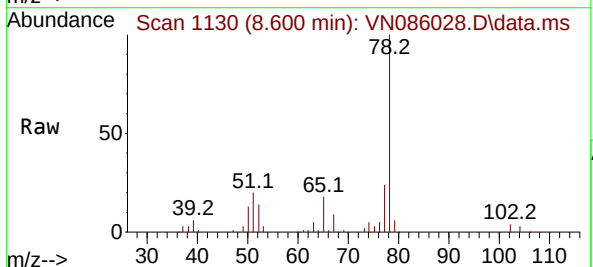
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

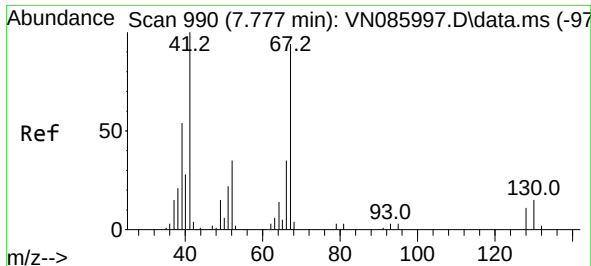
Tgt Ion: 83 Resp: 41695
Ion Ratio Lower Upper
83 100
55 71.3 54.2 81.2
98 45.1 37.1 55.7



#40
Benzene
Concen: 19.829 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 78 Resp: 155530
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

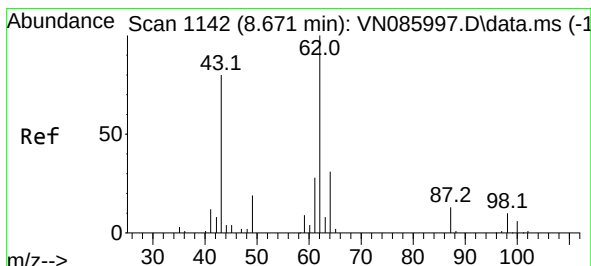
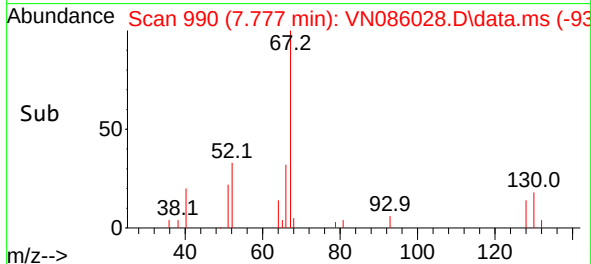
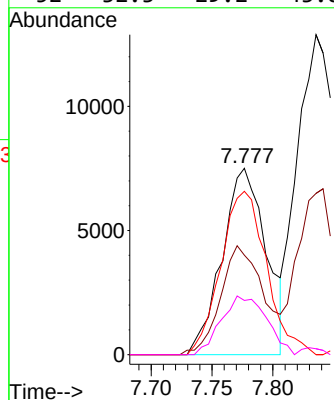
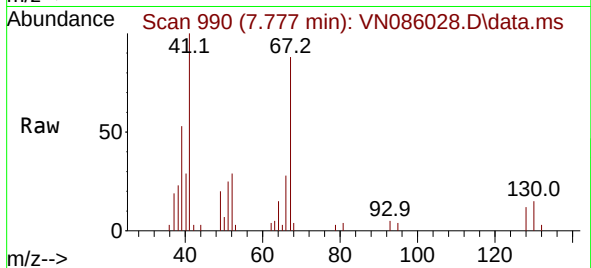




#41
Methacrylonitrile
Concen: 18.777 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

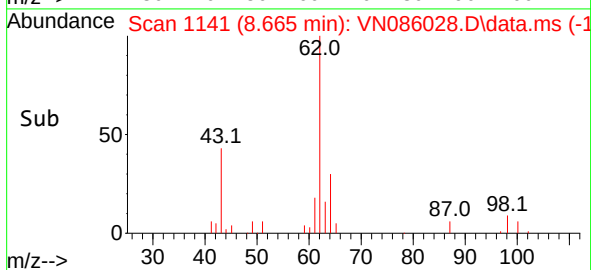
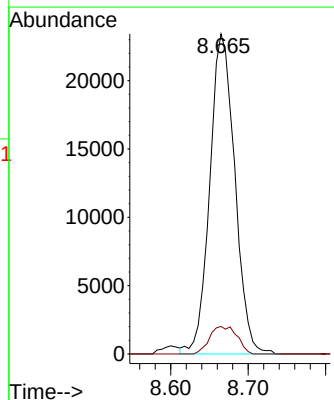
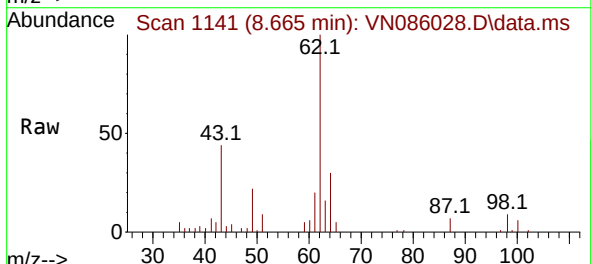
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

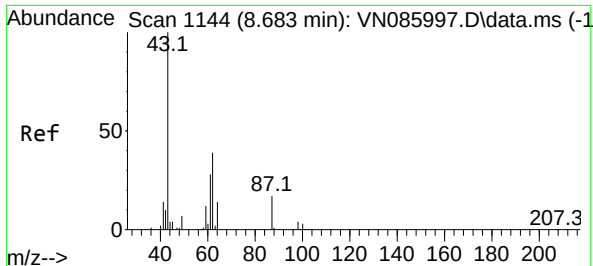
Tgt Ion:	41	Resp:	18900
Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.2	69.2
67	90.7	75.9	113.9
52	32.3	29.2	43.8



#42
1,2-Dichloroethane
Concen: 19.227 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:	62	Resp:	52550
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6

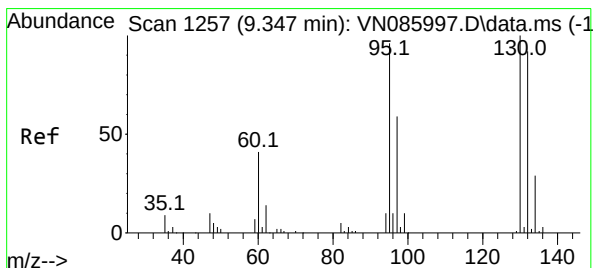
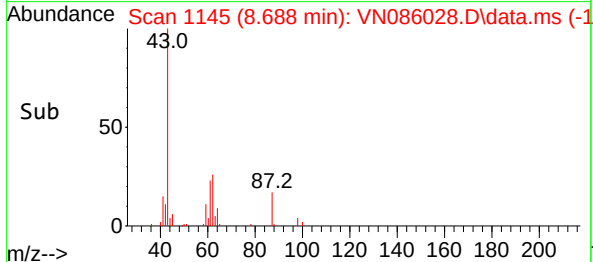
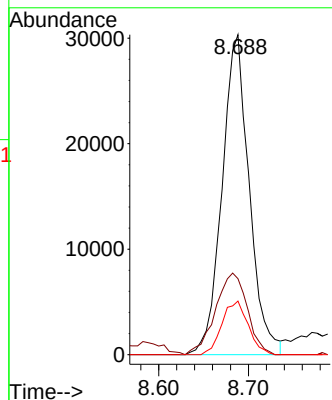
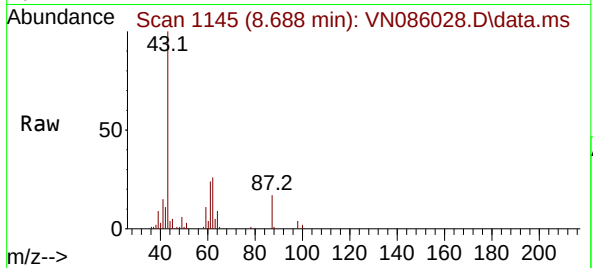




#43
Isopropyl Acetate
Concen: 13.978 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

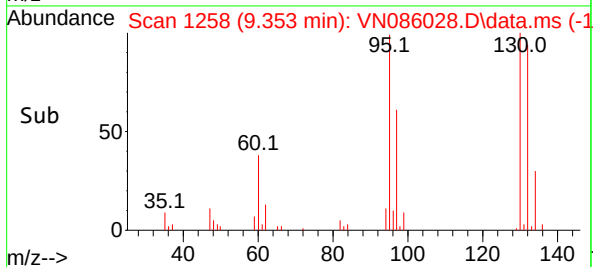
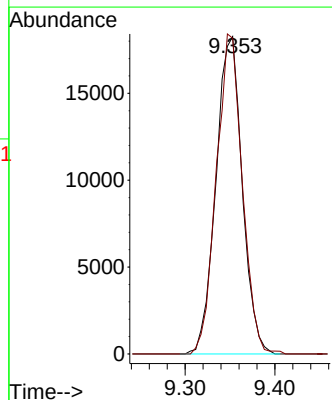
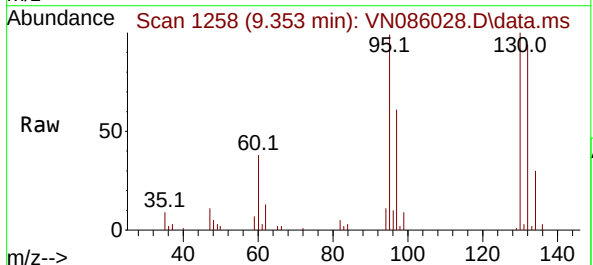
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

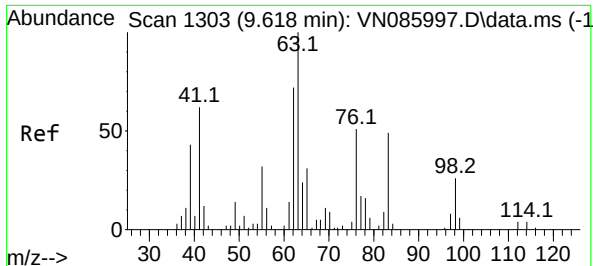
Tgt Ion: 43 Resp: 63848
Ion Ratio Lower Upper
43 100
61 29.9 25.0 37.6
87 16.2 13.0 19.4



#44
Trichloroethene
Concen: 18.280 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:130 Resp: 37162
Ion Ratio Lower Upper
130 100
95 99.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.249 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

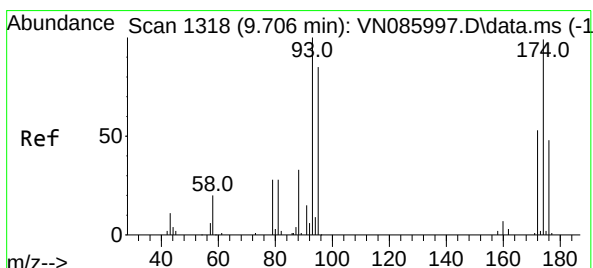
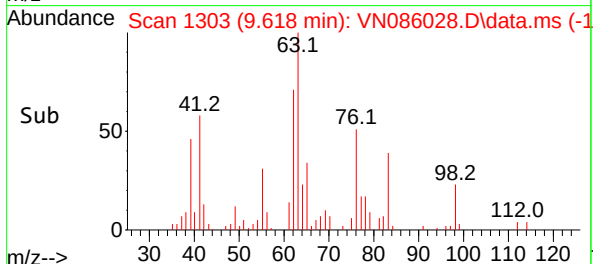
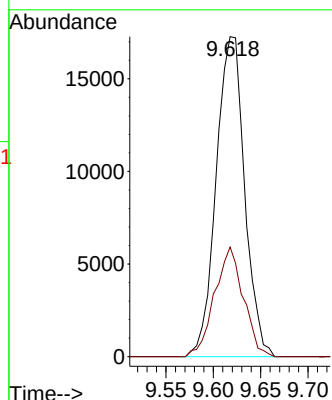
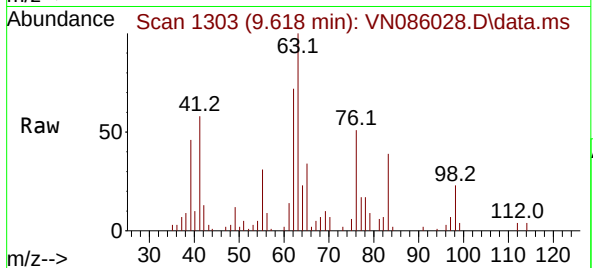
VN0320WBS01

Tgt Ion: 63 Resp: 36125

Ion Ratio Lower Upper

63 100

65 34.3 24.7 37.1



#46

Dibromomethane

Concen: 19.898 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

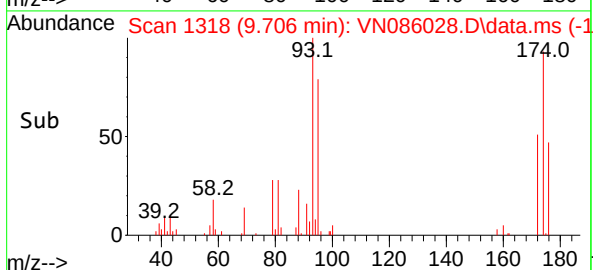
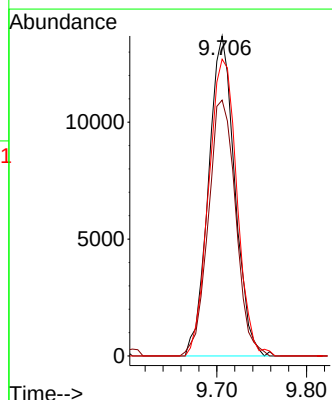
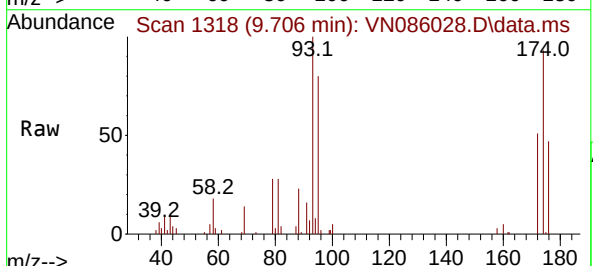
Tgt Ion: 93 Resp: 27917

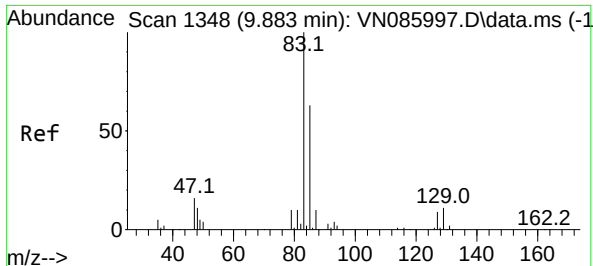
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.2

174 99.4 80.1 120.1

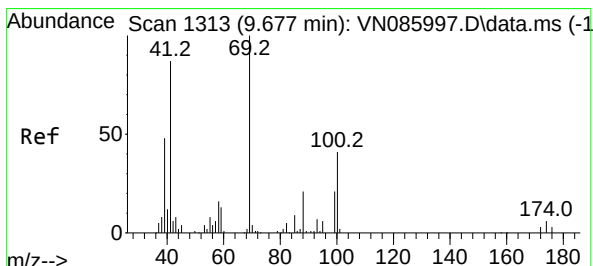
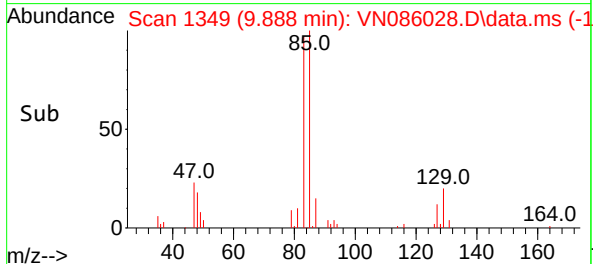
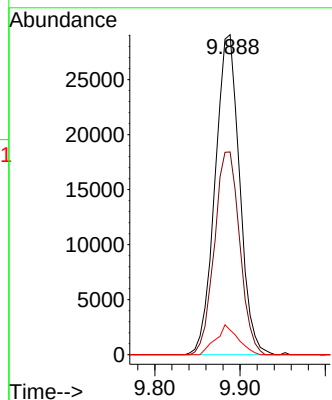
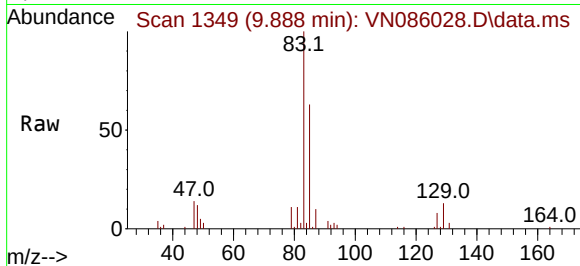




#47
Bromodichloromethane
Concen: 19.803 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

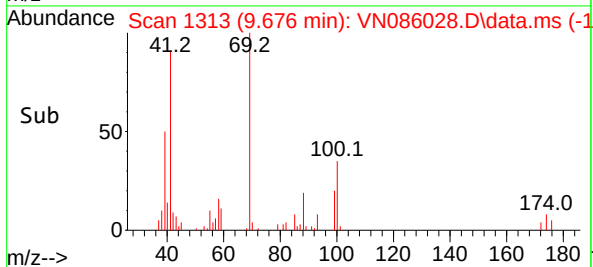
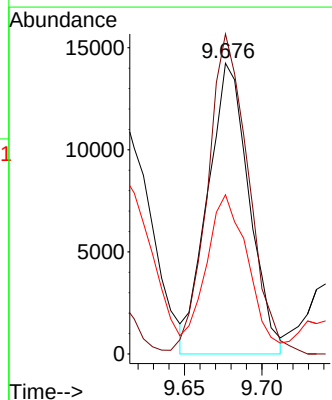
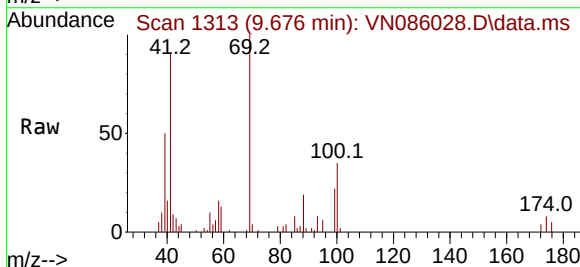
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

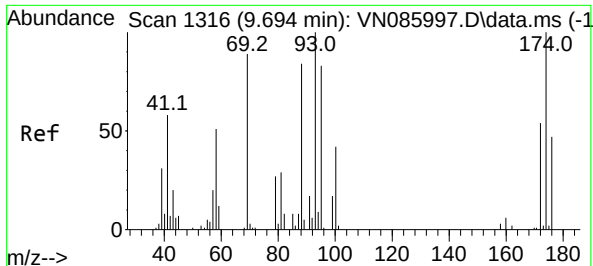
Tgt Ion: 83 Resp: 58065
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.2
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 17.518 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 41 Resp: 26405
Ion Ratio Lower Upper
41 100
69 109.3 83.1 124.7
39 56.1 45.6 68.4





#49

1,4-Dioxane

Concen: 369.975 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

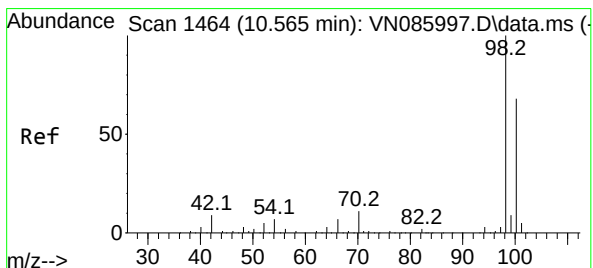
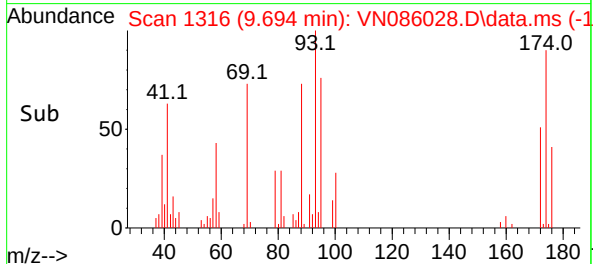
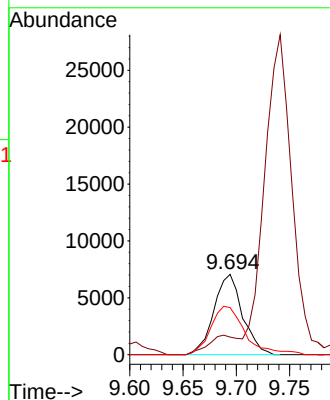
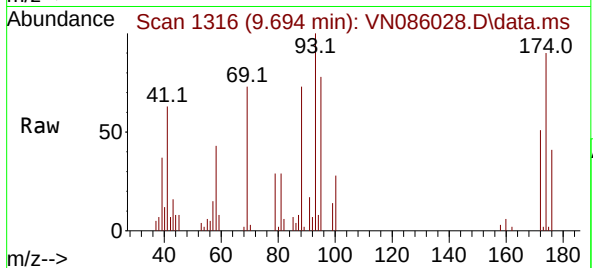
Tgt Ion: 88 Resp: 13183

Ion Ratio Lower Upper

88 100

43 23.4 21.7 32.5

58 72.2 50.4 75.6



#50

Toluene-d8

Concen: 49.334 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086028.D

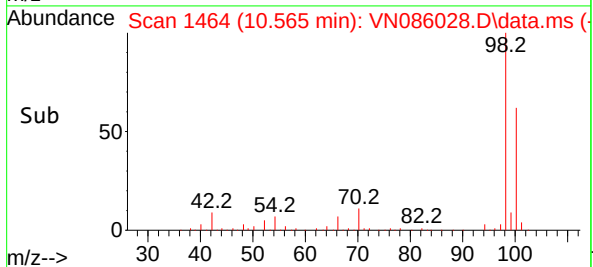
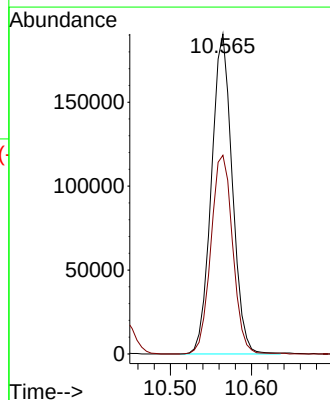
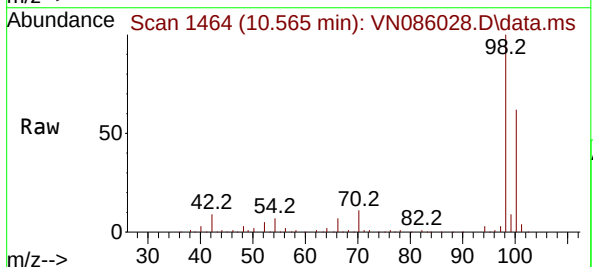
Acq: 20 Mar 2025 16:36

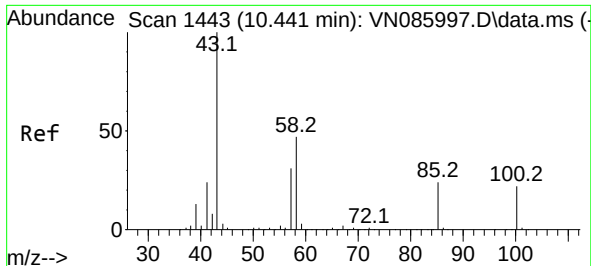
Tgt Ion: 98 Resp: 339751

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7

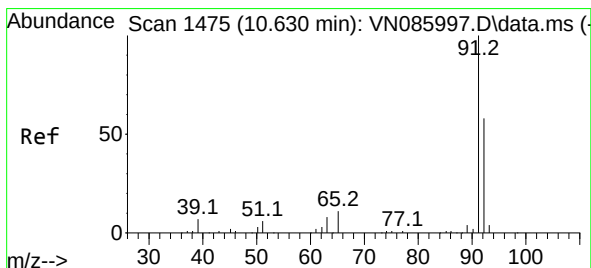
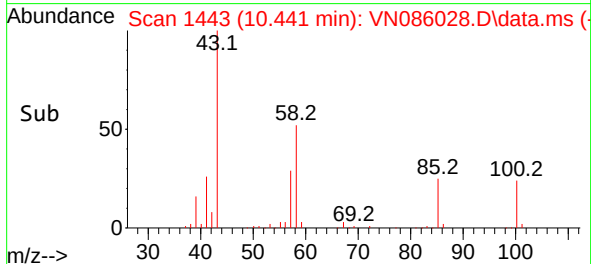
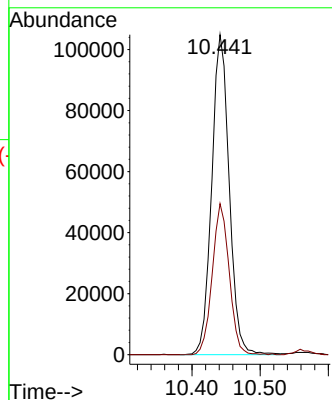
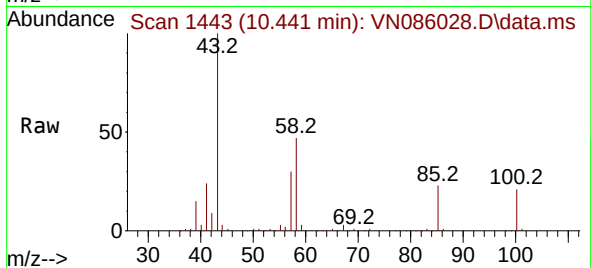




#51
4-Methyl-2-Pentanone
Concen: 93.021 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

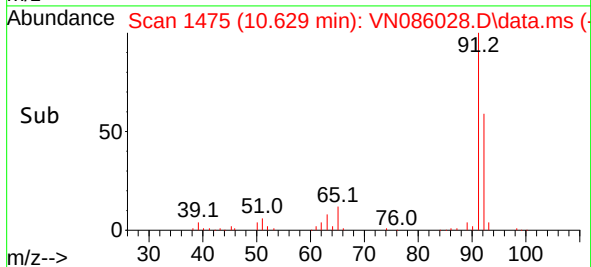
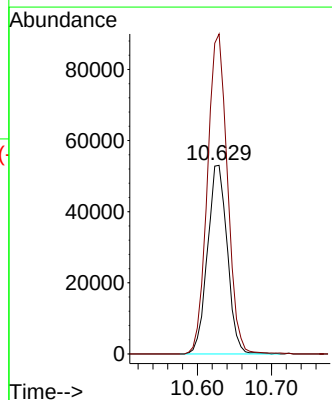
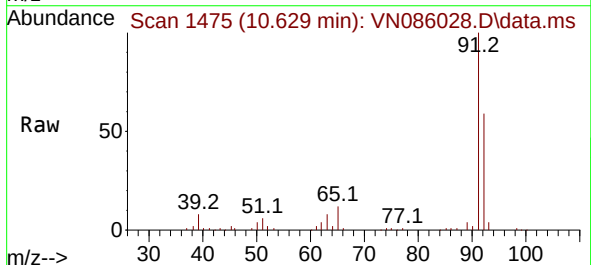
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

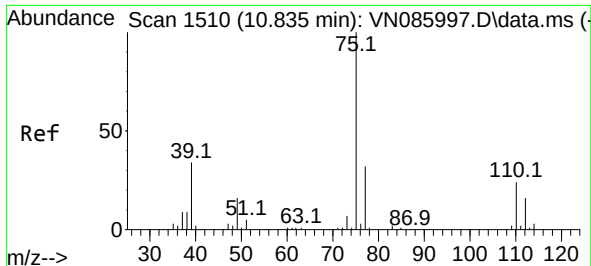
Tgt Ion: 43 Resp: 187389
Ion Ratio Lower Upper
43 100
58 45.7 37.4 56.0



#52
Toluene
Concen: 20.418 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 92 Resp: 98294
Ion Ratio Lower Upper
92 100
91 171.9 136.2 204.4

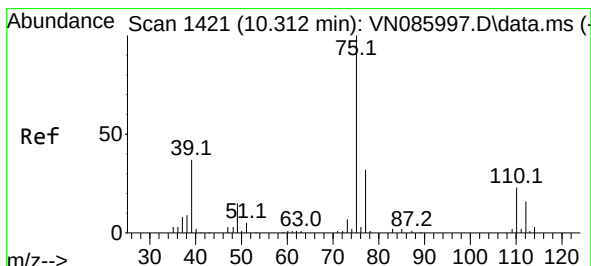
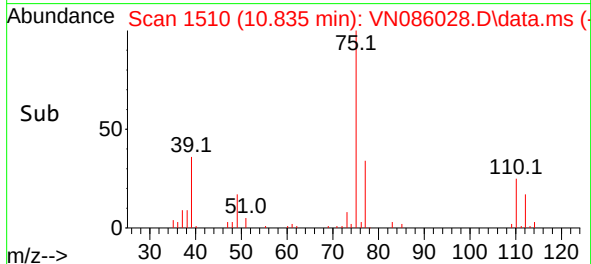
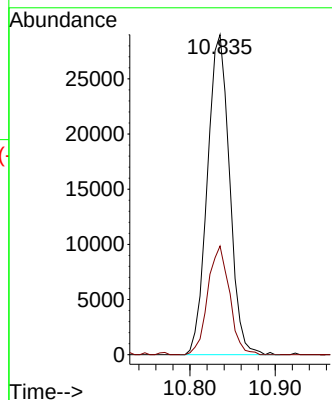
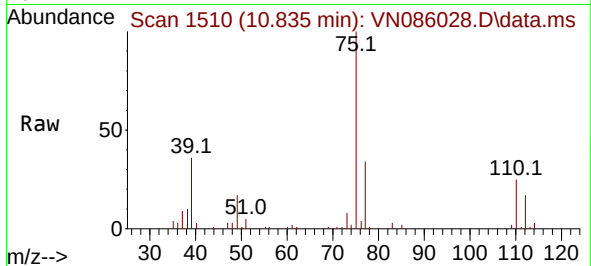




#53
t-1,3-Dichloropropene
Concen: 18.426 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

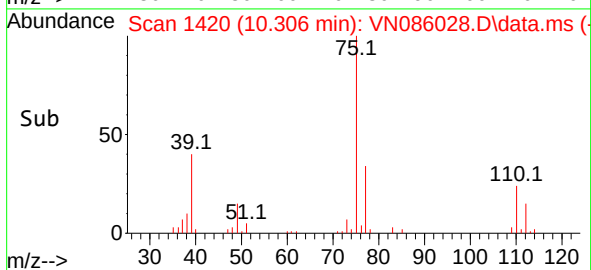
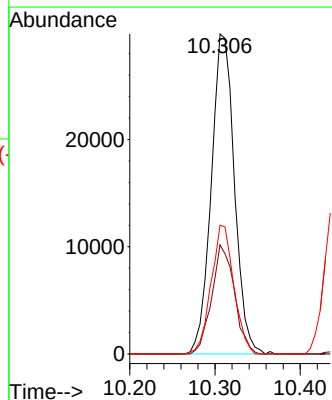
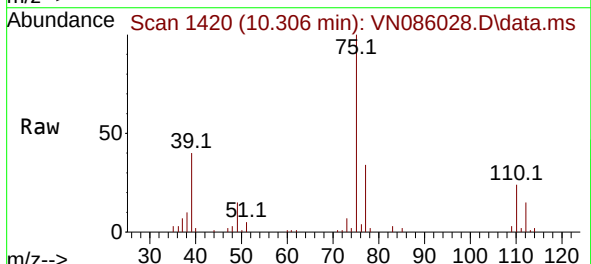
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

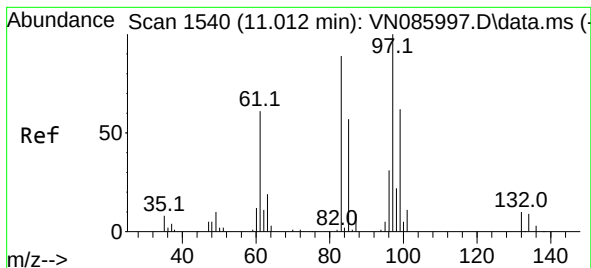
Tgt Ion: 75 Resp: 52472
Ion Ratio Lower Upper
75 100
77 33.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.783 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 75 Resp: 56434
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9
39 40.3 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 20.143 ug/l

RT: 11.012 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

Tgt Ion: 97 Resp: 37011

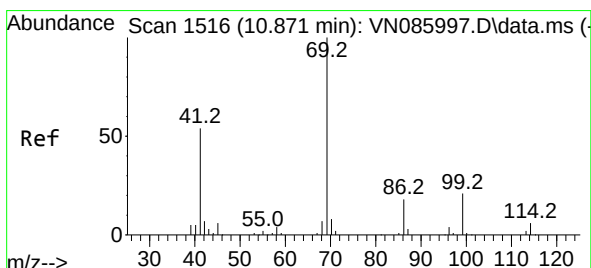
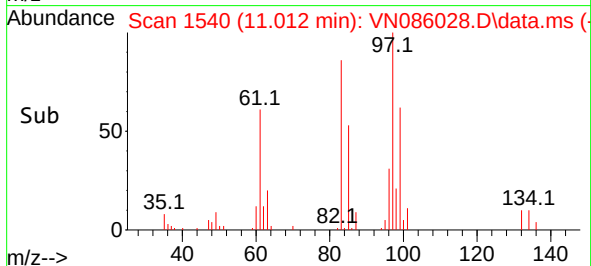
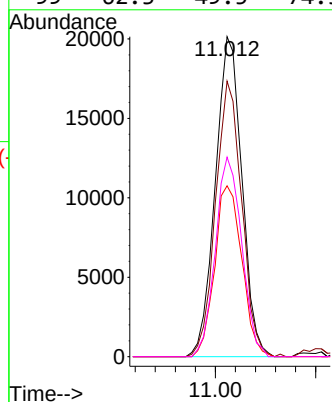
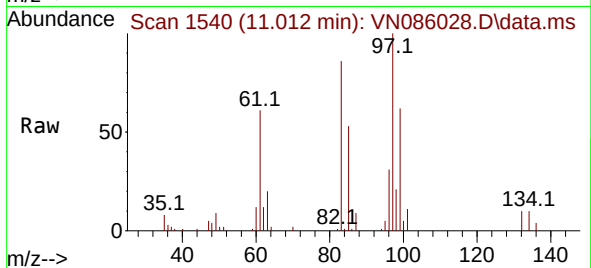
Ion Ratio Lower Upper

97 100

83 86.1 71.2 106.8

85 53.4 45.4 68.0

99 62.3 49.5 74.3



#56

Ethyl methacrylate

Concen: 18.614 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.001 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

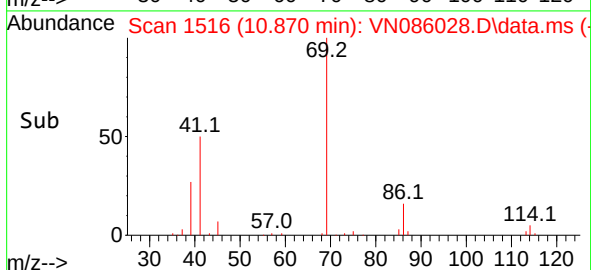
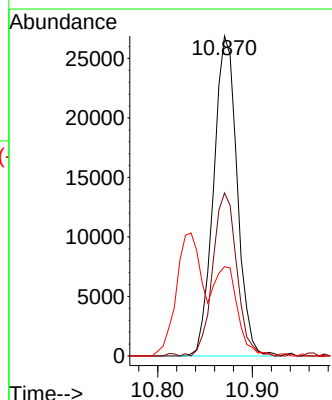
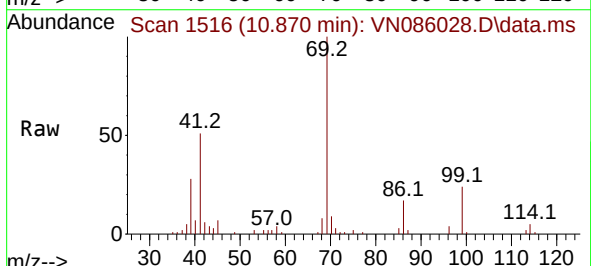
Tgt Ion: 69 Resp: 46423

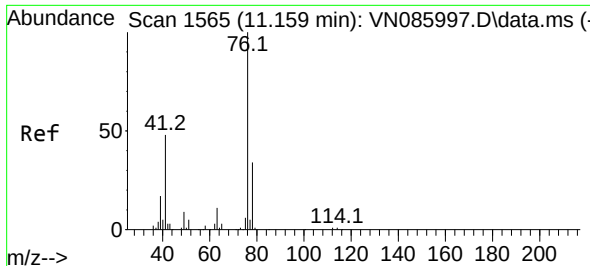
Ion Ratio Lower Upper

69 100

41 51.9 41.6 62.4

39 28.4 21.8 32.8

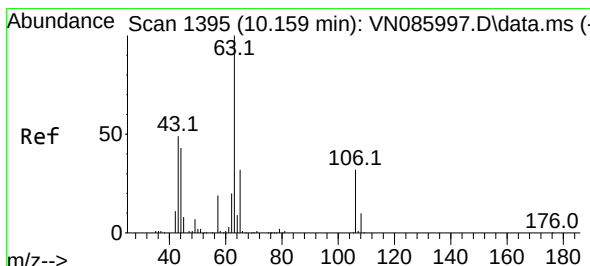
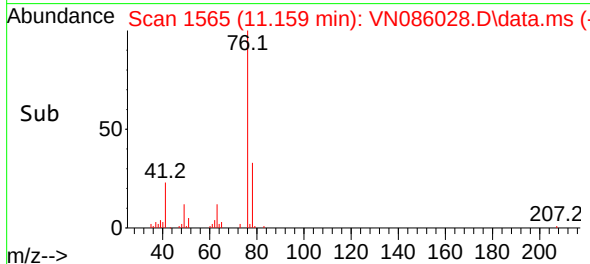
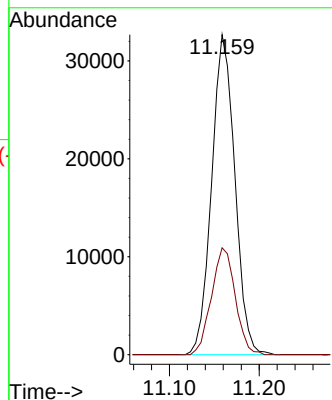
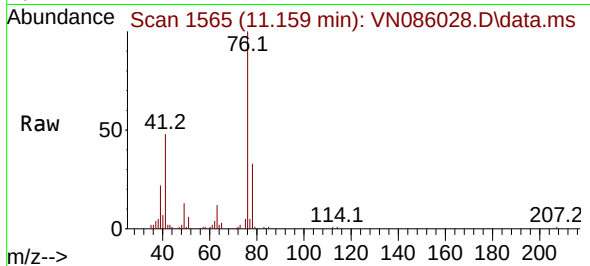




#57
1,3-Dichloropropane
Concen: 18.802 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

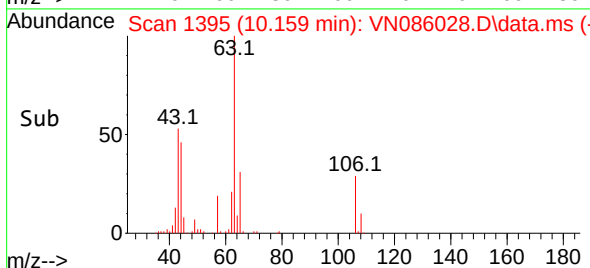
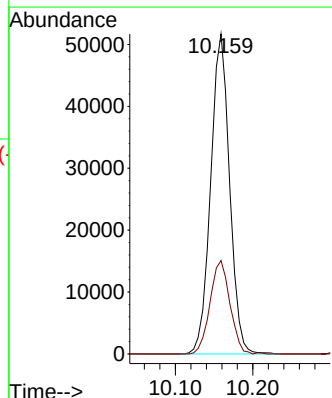
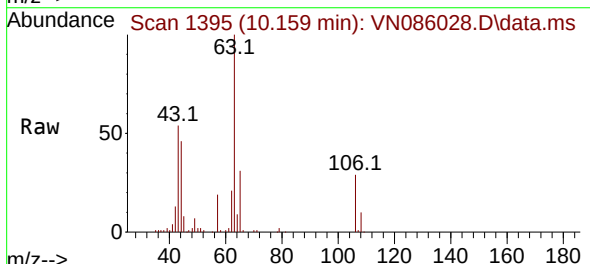
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

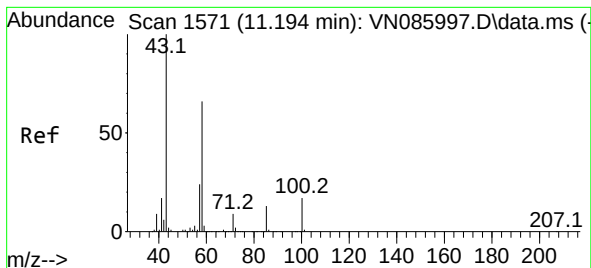
Tgt Ion: 76 Resp: 58678
Ion Ratio Lower Upper
76 100
78 34.2 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 93.210 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 63 Resp: 87505
Ion Ratio Lower Upper
63 100
106 30.8 25.0 37.6

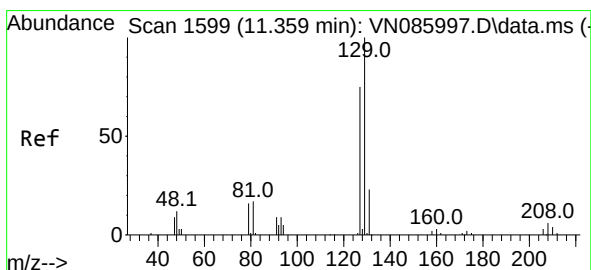
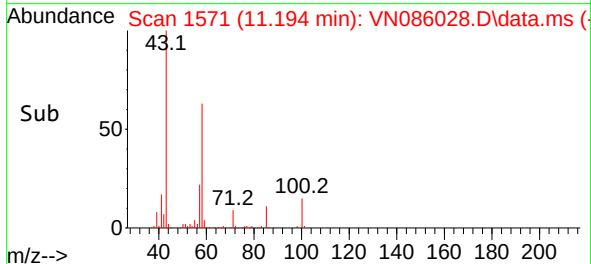
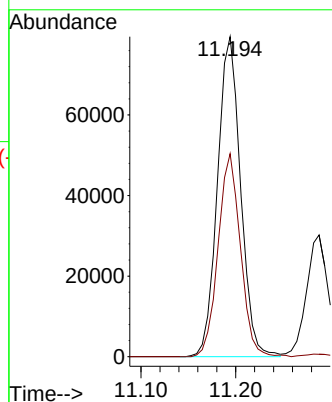
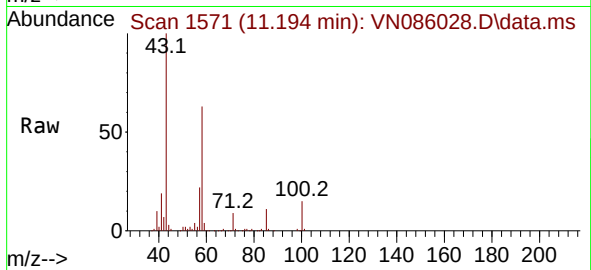




#59
2-Hexanone
Concen: 91.768 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

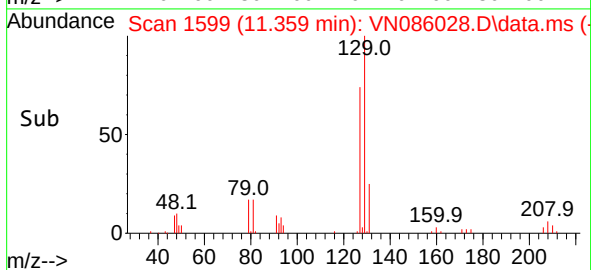
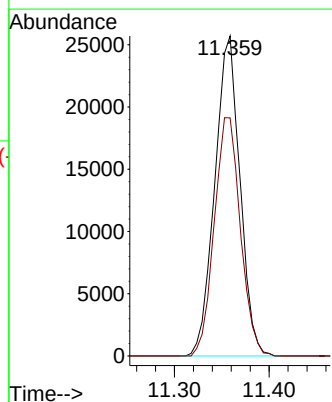
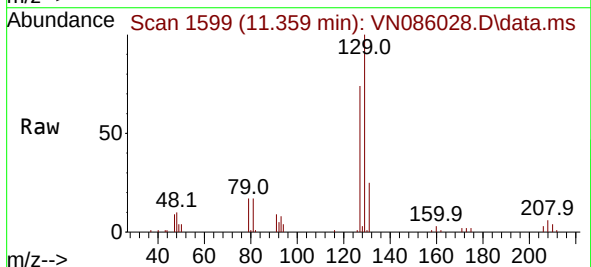
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

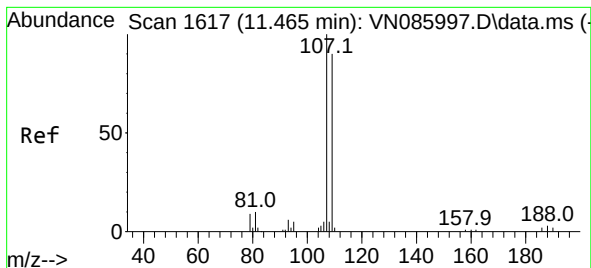
Tgt Ion: 43 Resp: 134672
Ion Ratio Lower Upper
43 100
58 61.3 32.4 97.2



#60
Dibromochloromethane
Concen: 20.010 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 129 Resp: 47443
Ion Ratio Lower Upper
129 100
127 77.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.373 ug/l

RT: 11.470 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

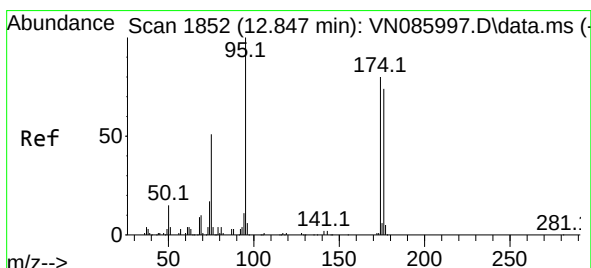
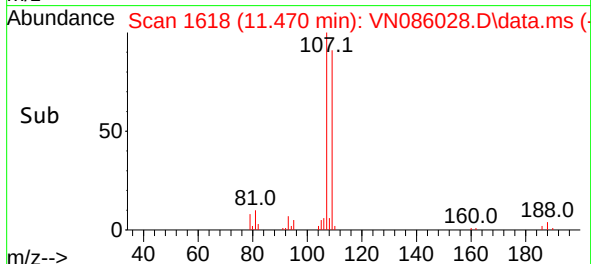
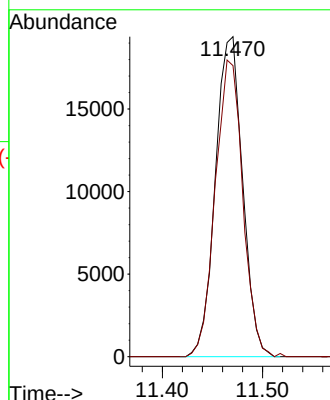
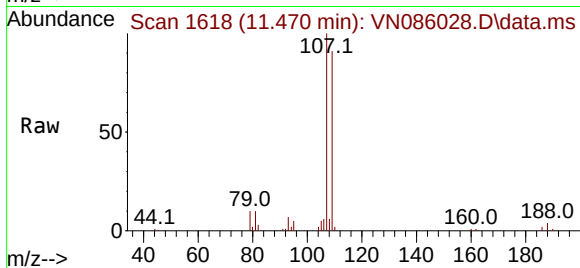
VN0320WBS01

Tgt Ion:107 Resp: 36543

Ion Ratio Lower Upper

107 100

109 93.7 73.3 109.9



#62

4-Bromofluorobenzene

Concen: 47.580 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

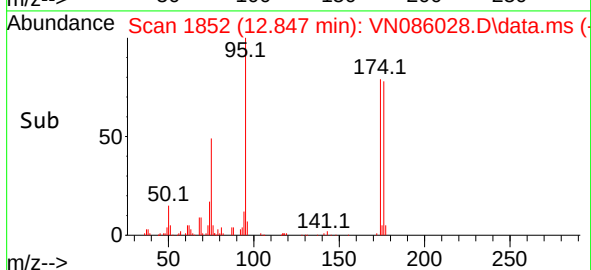
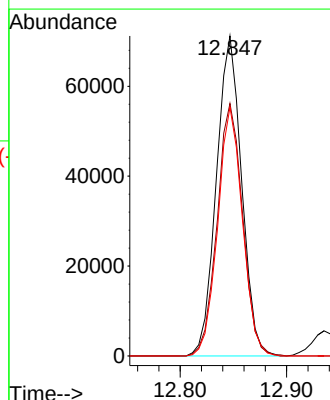
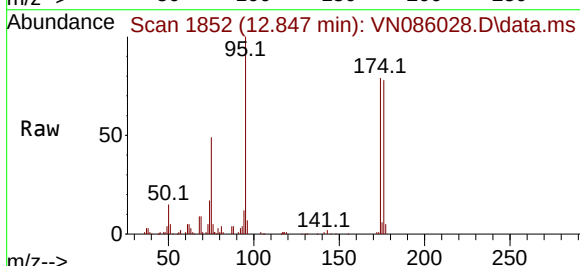
Tgt Ion: 95 Resp: 116857

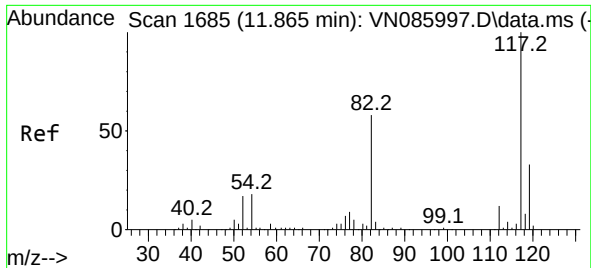
Ion Ratio Lower Upper

95 100

174 79.9 0.0 156.8

176 76.1 0.0 152.2

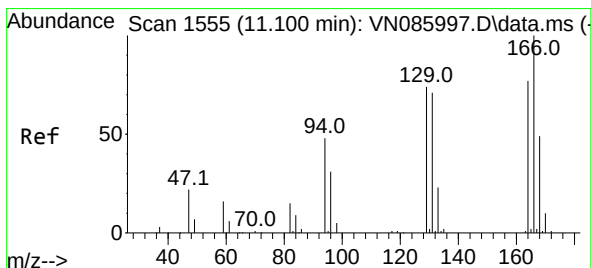
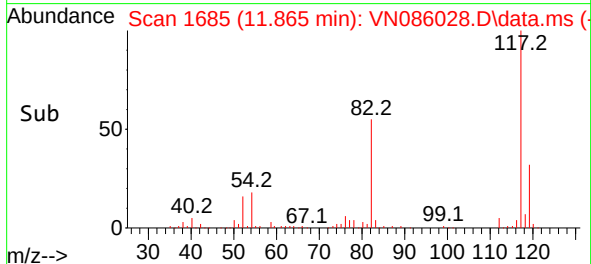
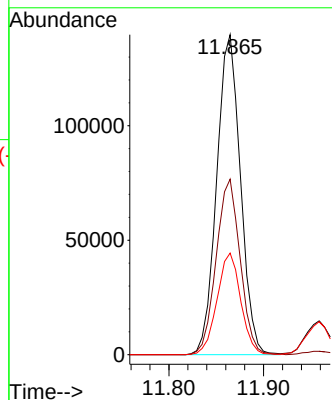
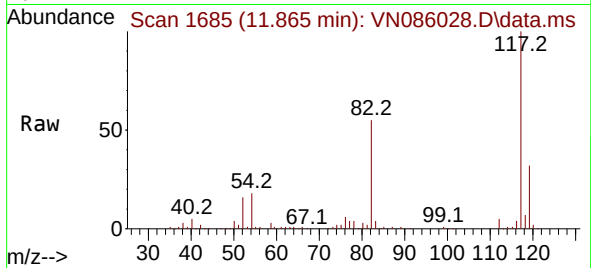




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

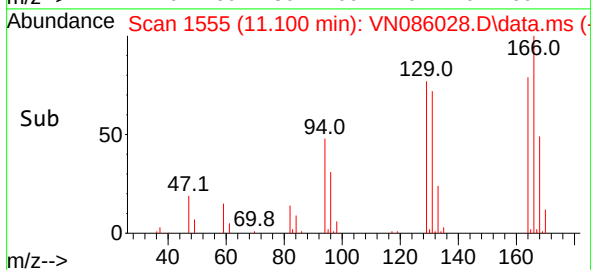
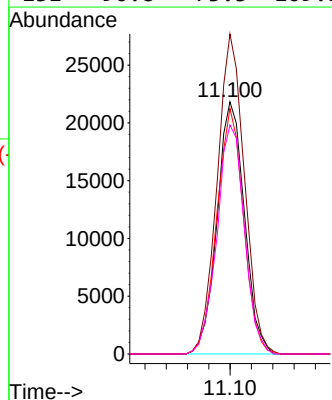
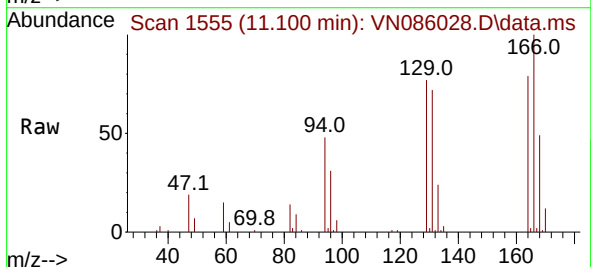
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

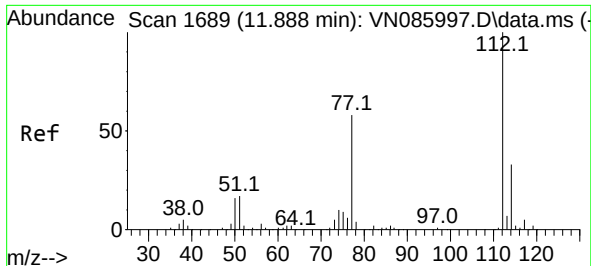
Tgt Ion:117 Resp: 243713
Ion Ratio Lower Upper
117 100
82 54.9 46.7 70.1
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 19.990 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:164 Resp: 38863
Ion Ratio Lower Upper
164 100
166 126.9 103.7 155.5
129 97.4 77.1 115.7
131 90.8 73.3 109.9

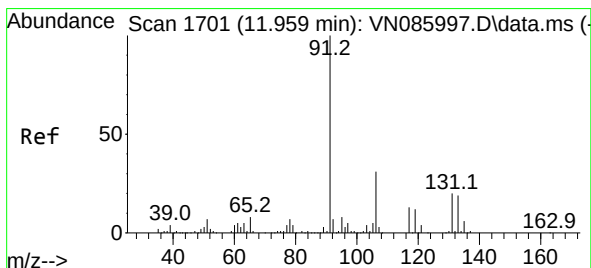
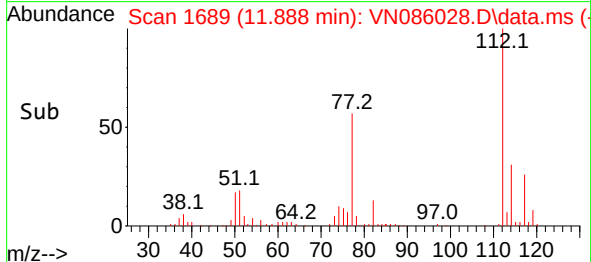
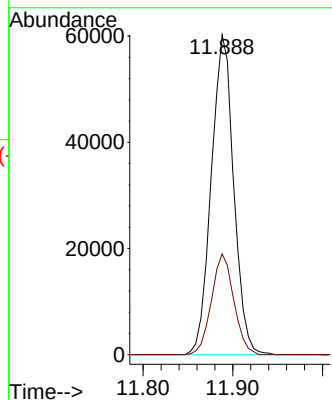
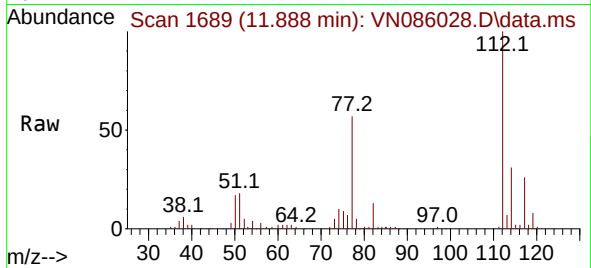




#65
Chlorobenzene
Concen: 18.719 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

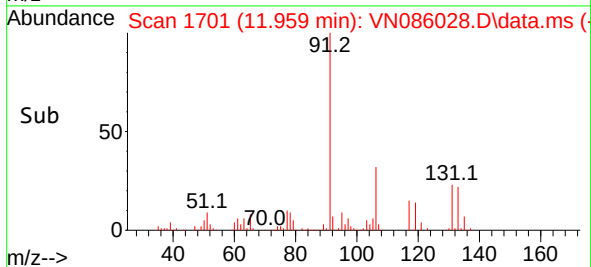
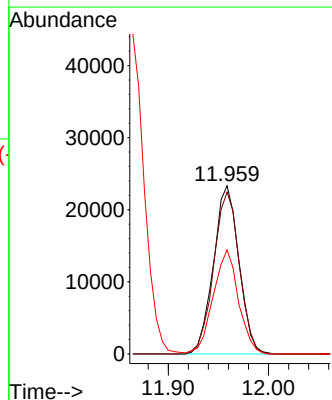
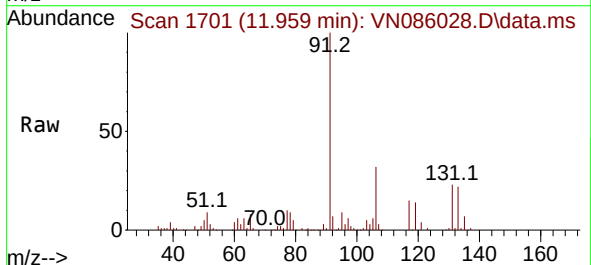
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

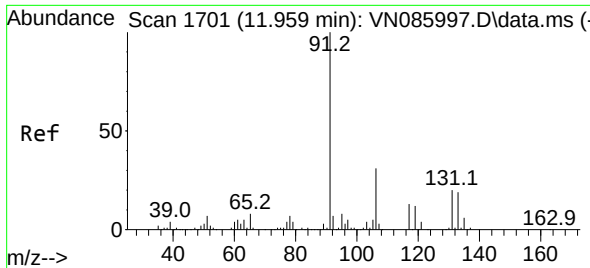
Tgt Ion:112 Resp: 104393
Ion Ratio Lower Upper
112 100
114 31.5 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.893 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:131 Resp: 41240
Ion Ratio Lower Upper
131 100
133 96.6 47.0 141.0
119 61.1 31.4 94.0

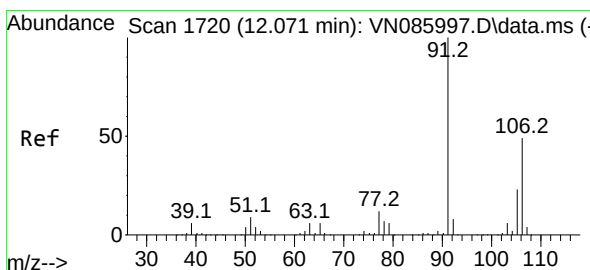
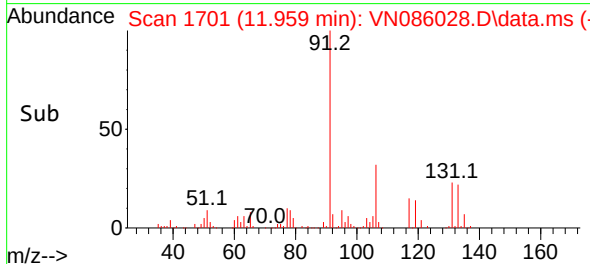
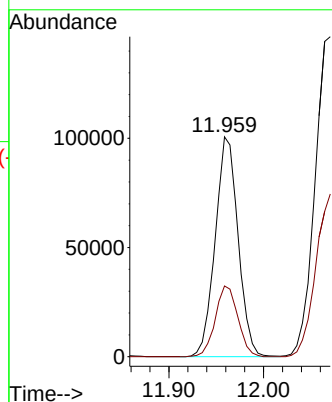
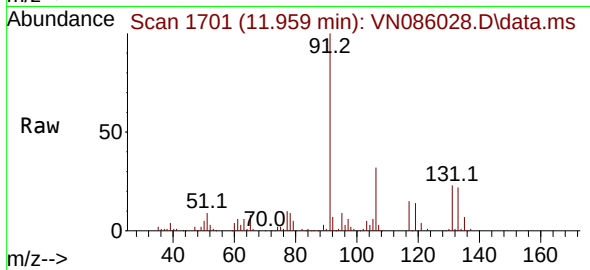




#67
Ethyl Benzene
Concen: 18.981 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

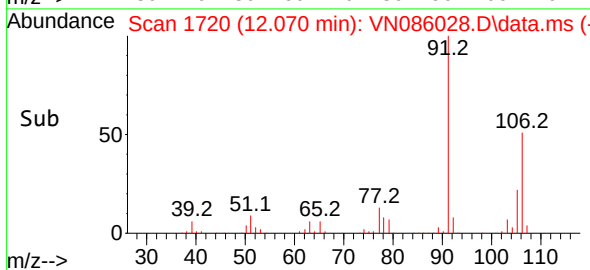
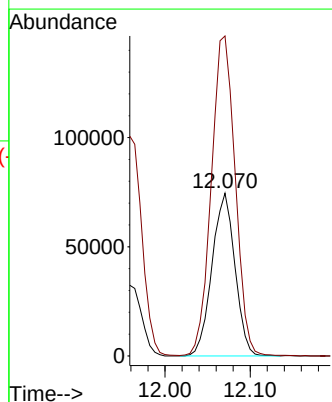
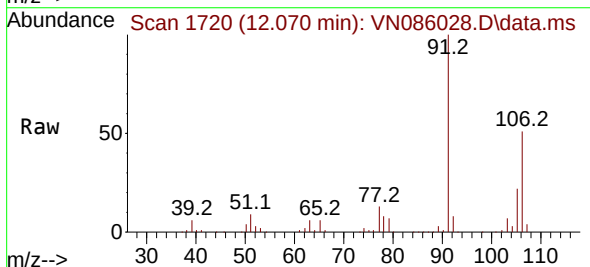
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

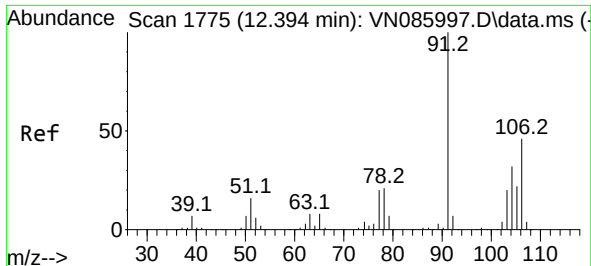
Tgt Ion: 91 Resp: 169330
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 39.738 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 106 Resp: 139334
Ion Ratio Lower Upper
106 100
91 205.4 163.9 245.9

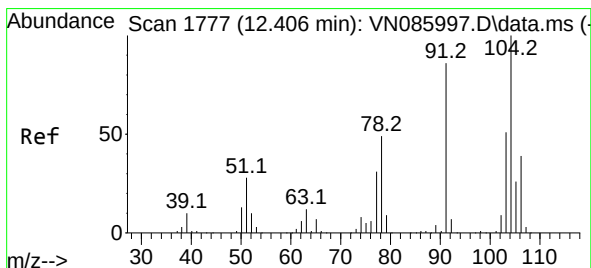
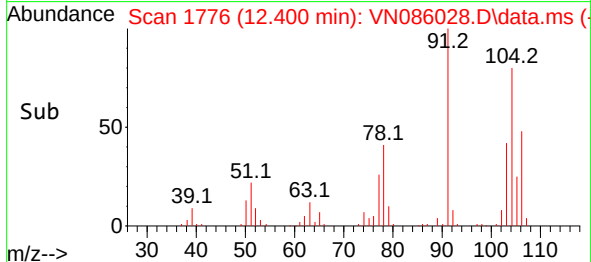
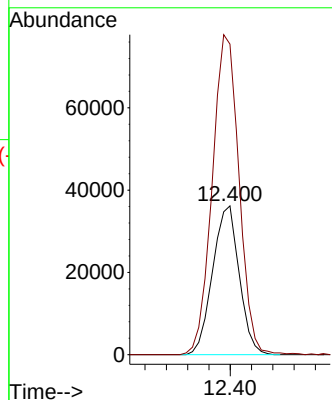
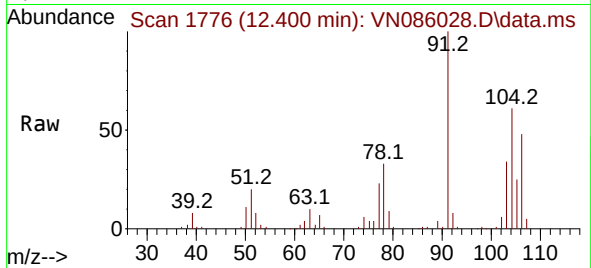




#69
o-Xylene
Concen: 19.454 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

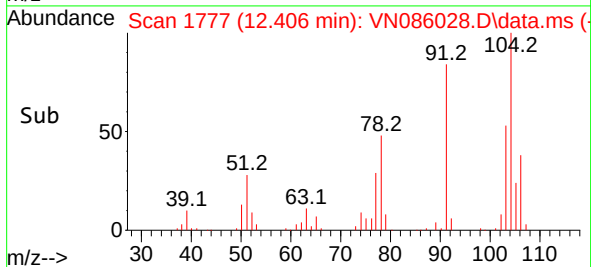
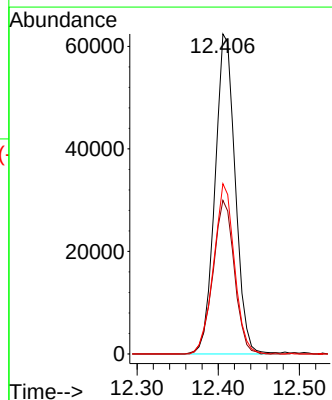
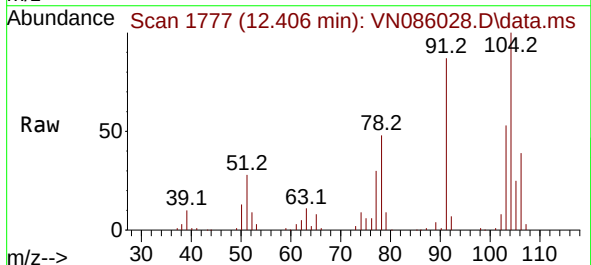
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

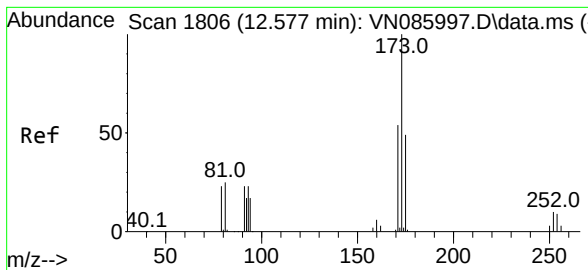
Tgt Ion:106 Resp: 62606
Ion Ratio Lower Upper
106 100
91 217.0 109.1 327.2



#70
Styrene
Concen: 19.692 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:104 Resp: 108240
Ion Ratio Lower Upper
104 100
78 50.5 41.4 62.2
103 54.7 42.9 64.3

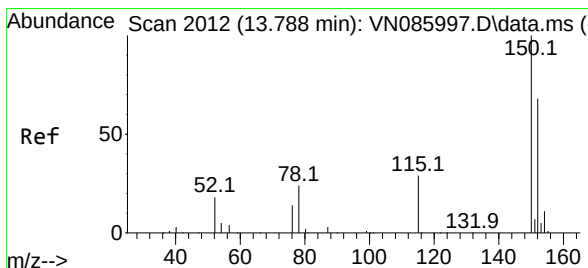
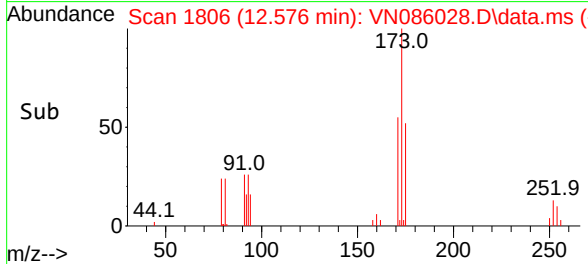
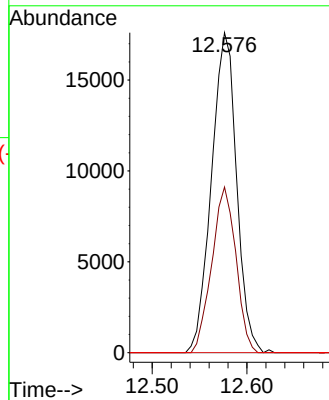
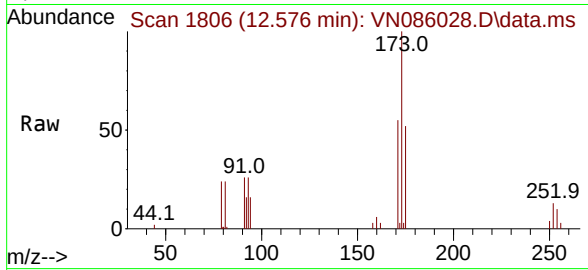




#71
Bromoform
Concen: 18.716 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

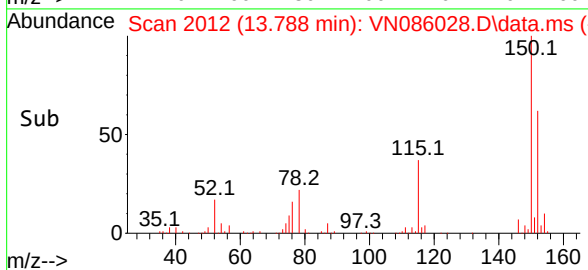
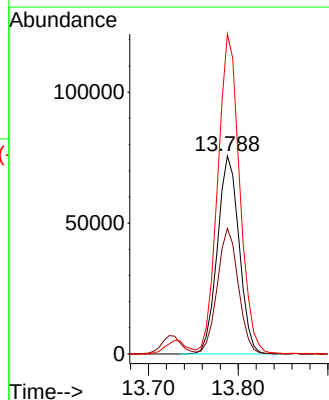
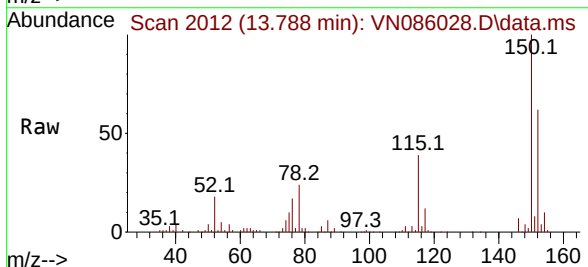
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

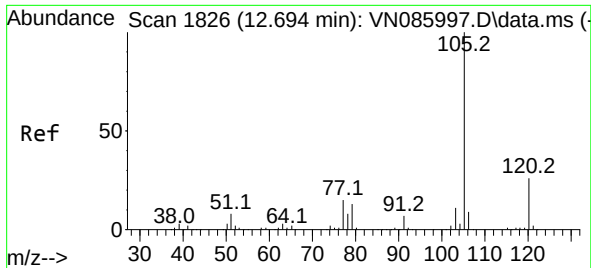
Tgt Ion:173 Resp: 32436
Ion Ratio Lower Upper
173 100
175 49.7 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:152 Resp: 126819
Ion Ratio Lower Upper
152 100
115 61.7 31.1 93.2
150 163.1 0.0 359.6

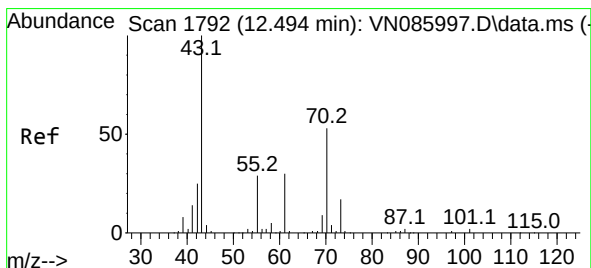
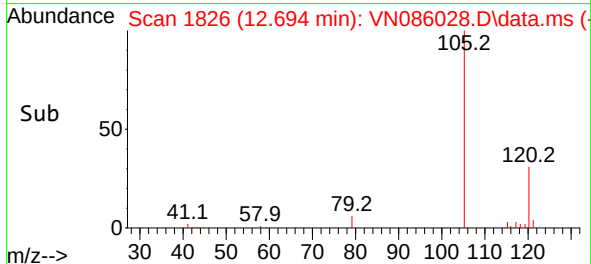
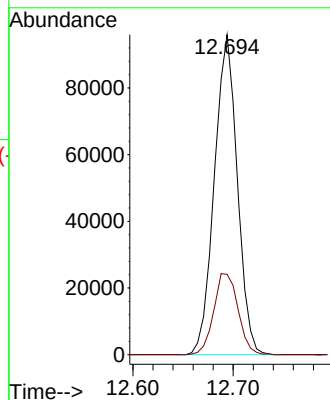
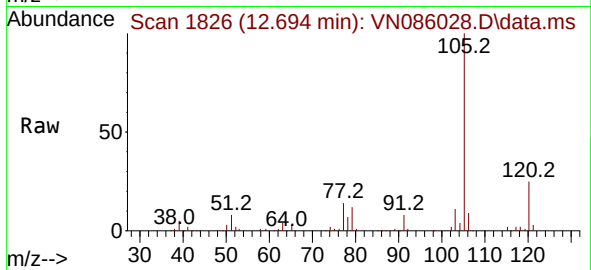




#73
Isopropylbenzene
Concen: 17.603 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

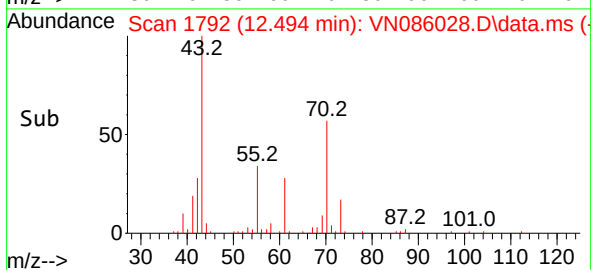
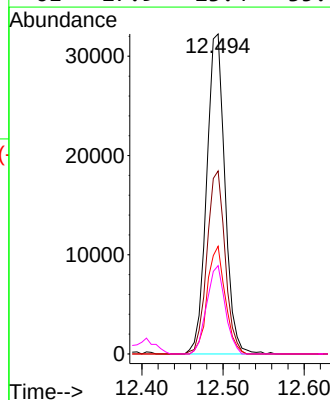
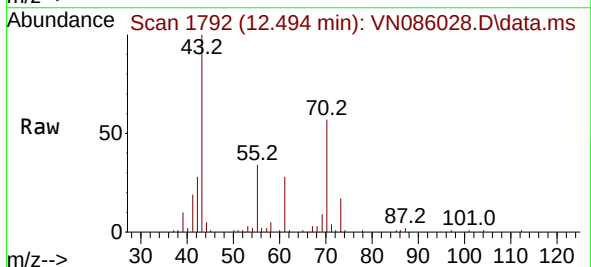
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

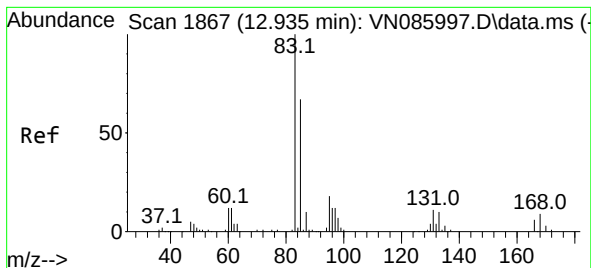
Tgt Ion:105 Resp: 152447
Ion Ratio Lower Upper
105 100
120 26.9 13.0 39.0



#74
N-ethyl acetate
Concen: 17.385 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion: 43 Resp: 50373
Ion Ratio Lower Upper
43 100
70 56.7 43.0 64.4
55 33.0 23.8 35.8
61 27.9 23.4 35.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.693 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

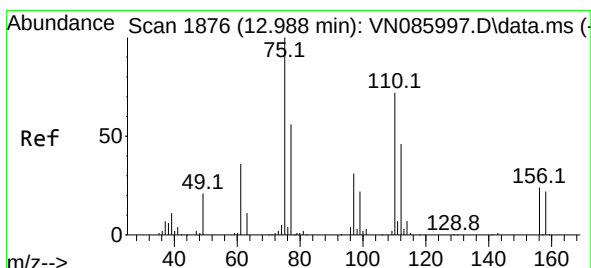
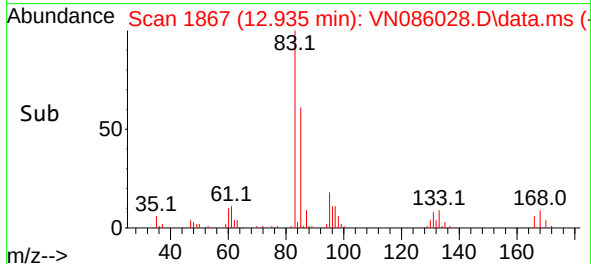
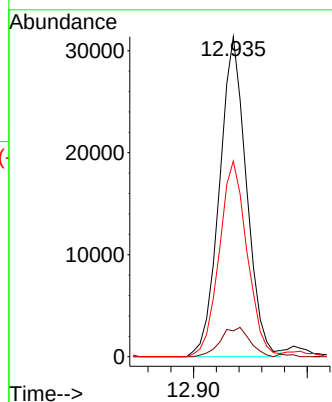
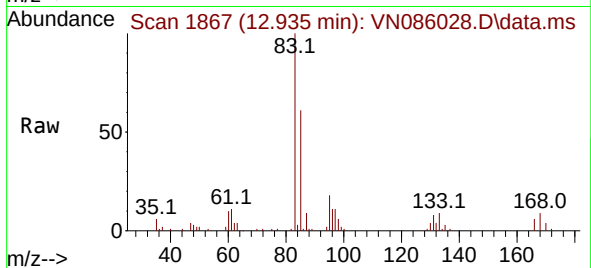
Tgt Ion: 83 Resp: 51839

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.5

85 63.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 23.919 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN086028.D

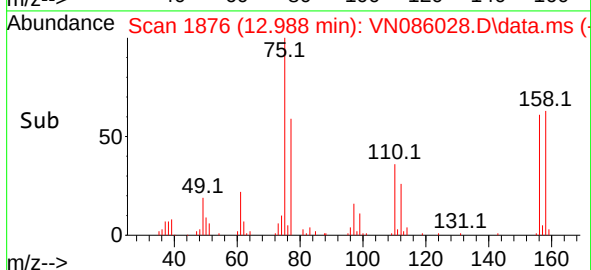
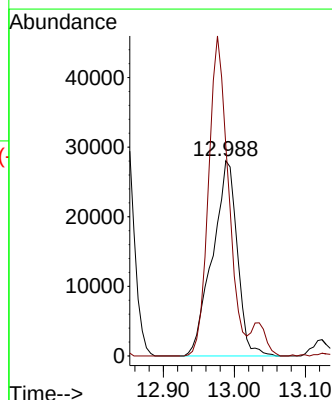
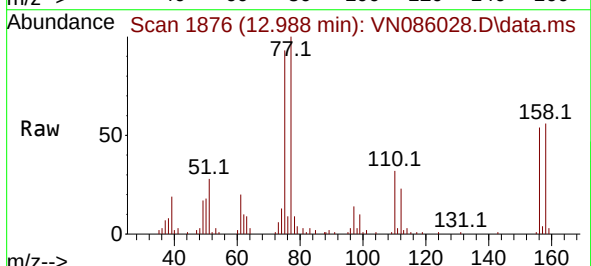
Acq: 20 Mar 2025 16:36

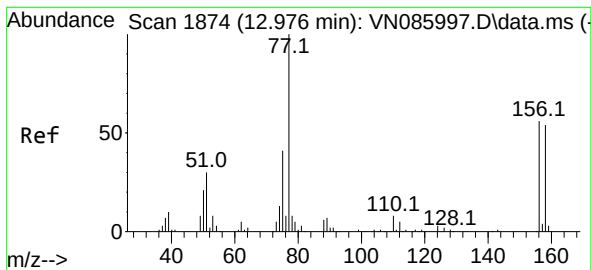
Tgt Ion: 75 Resp: 67911

Ion Ratio Lower Upper

75 100

77 130.9 83.7 251.0





#77

Bromobenzene

Concen: 18.151 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

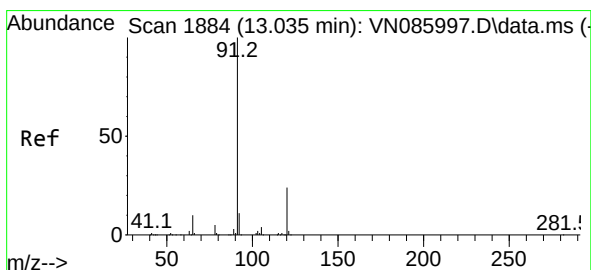
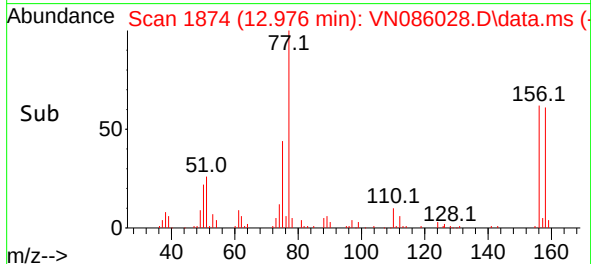
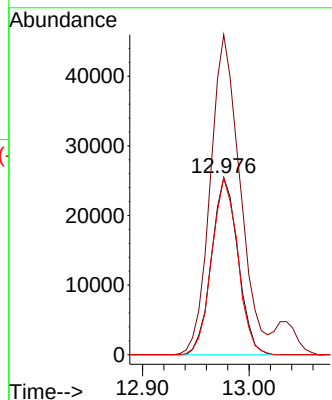
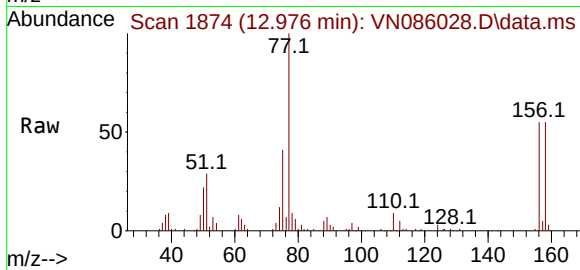
Tgt Ion:156 Resp: 43832

Ion Ratio Lower Upper

156 100

77 202.9 104.1 312.3

158 98.5 49.0 147.0



#78

n-propylbenzene

Concen: 19.108 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086028.D

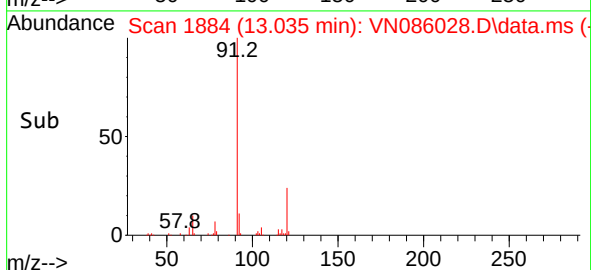
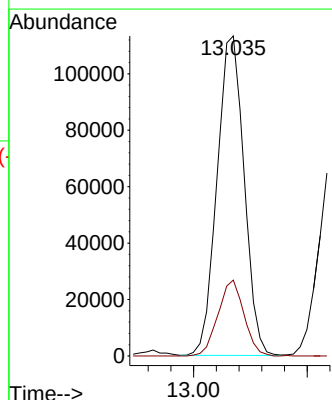
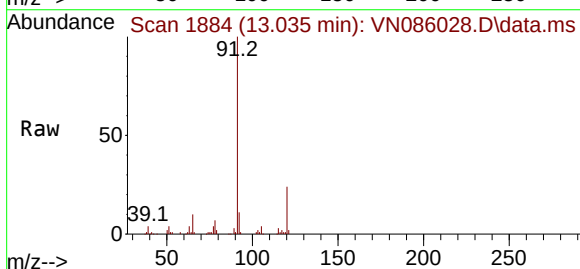
Acq: 20 Mar 2025 16:36

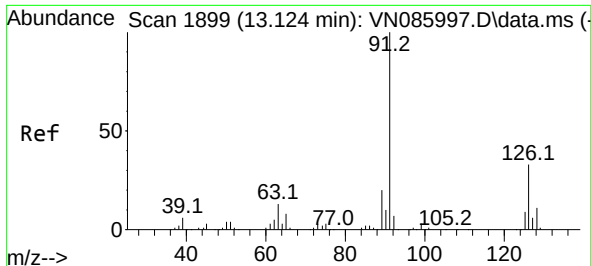
Tgt Ion: 91 Resp: 187385

Ion Ratio Lower Upper

91 100

120 22.7 11.7 35.0

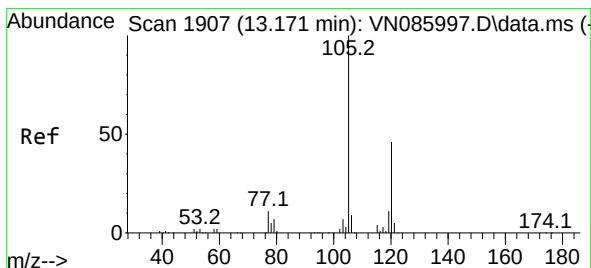
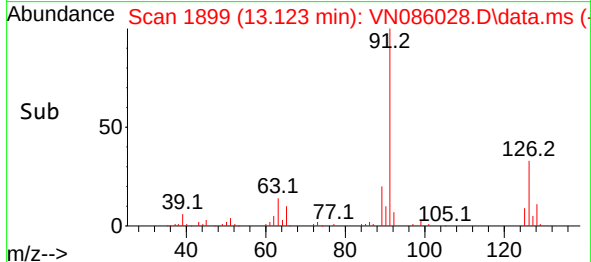
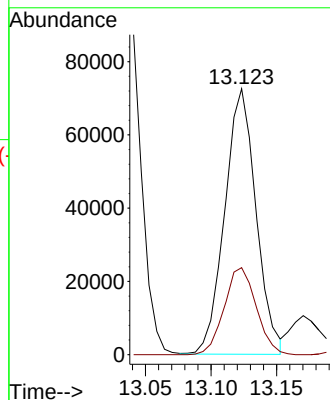
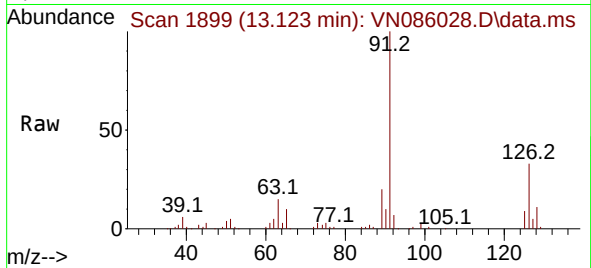




#79
2-Chlorotoluene
Concen: 18.506 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

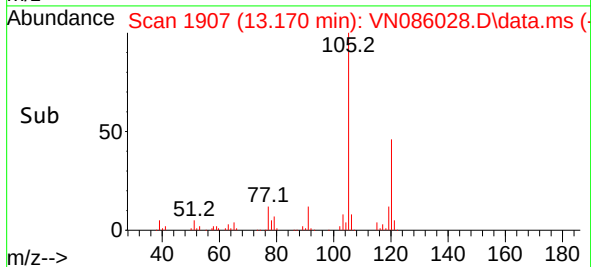
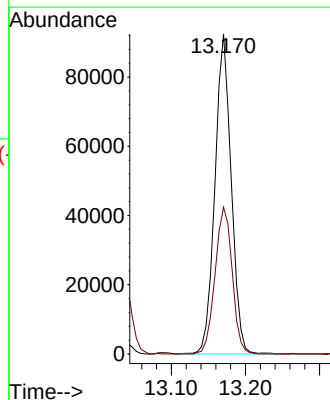
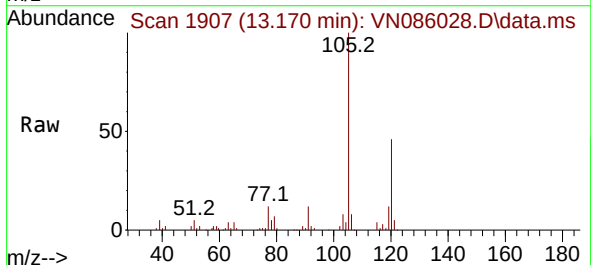
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

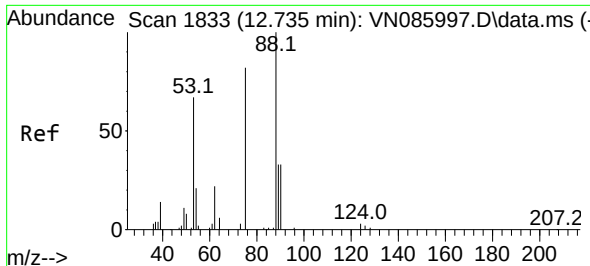
Tgt Ion: 91 Resp: 120542
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 19.278 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:105 Resp: 140959
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1

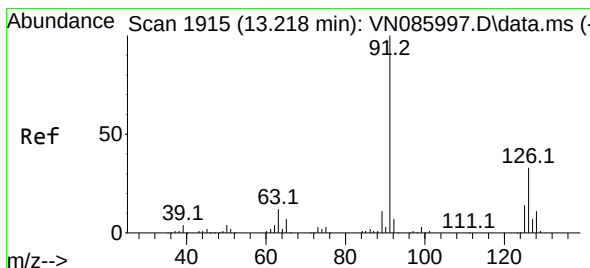
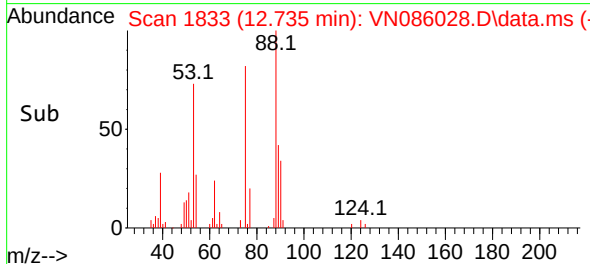
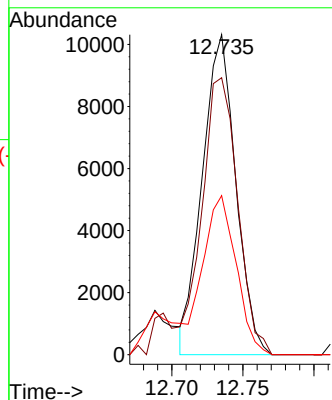
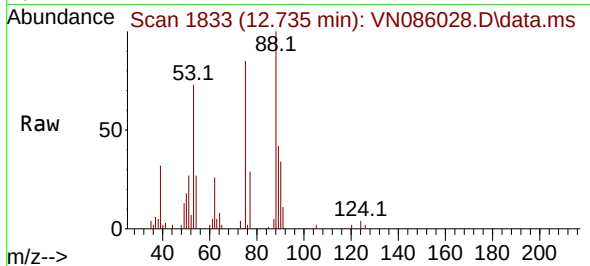




#81
trans-1,4-Dichloro-2-butene
Concen: 15.736 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

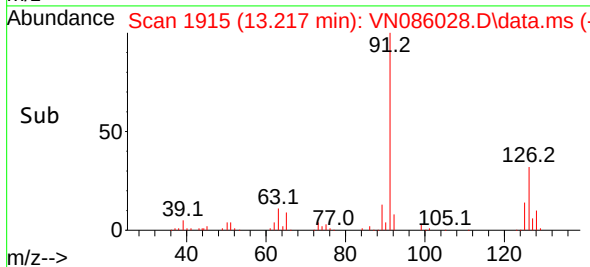
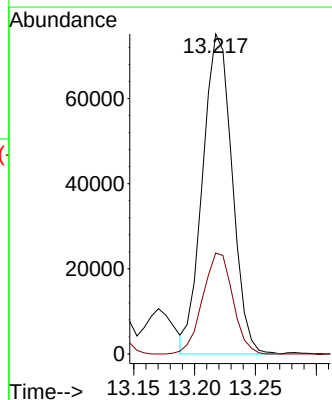
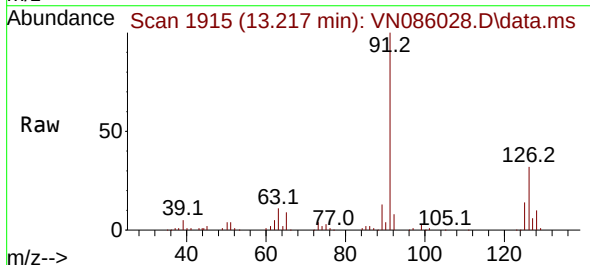
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

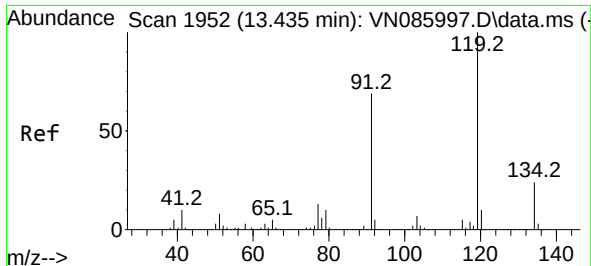
Tgt Ion:	75	Resp:	16899
Ion	Ratio	Lower	Upper
75	100		
53	93.5	66.0	99.0
89	48.4	36.9	55.3



#82
4-Chlorotoluene
Concen: 18.964 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:	91	Resp:	127029
Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.2

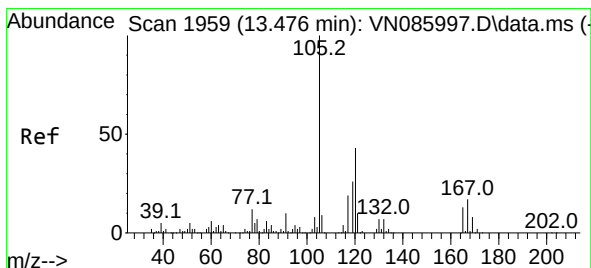
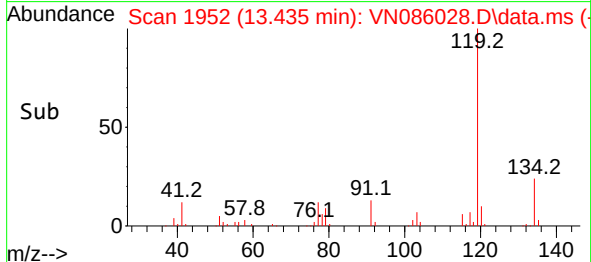
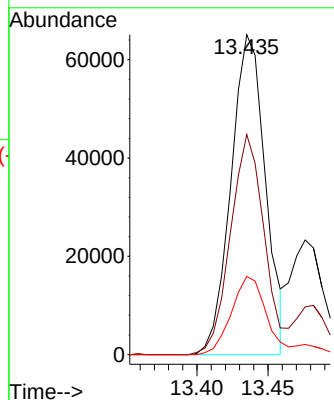
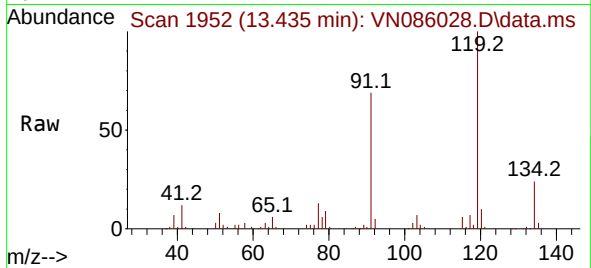




#83
 tert-Butylbenzene
 Concen: 17.557 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

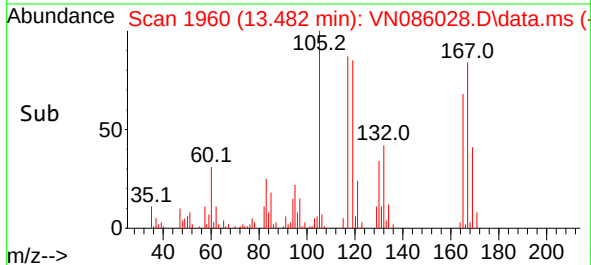
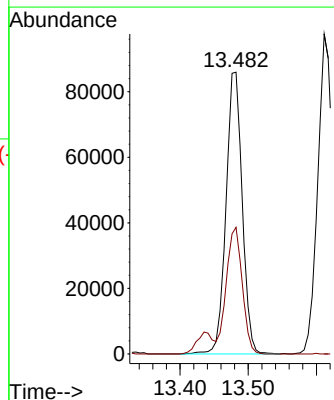
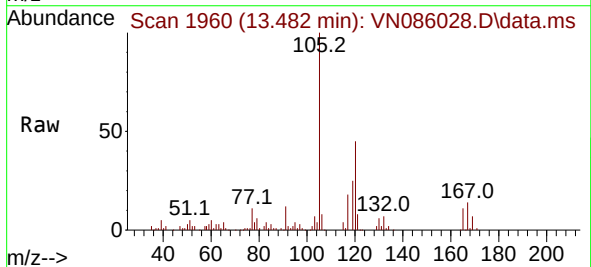
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

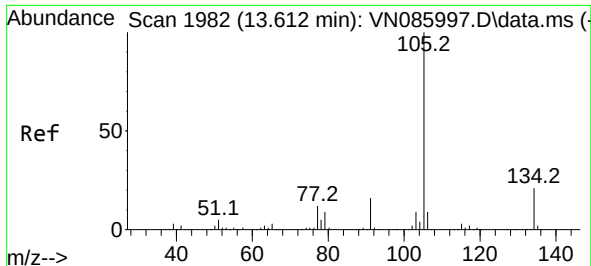
Tgt Ion:119 Resp: 109792
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.3 102.9
 134 25.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.312 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

Tgt Ion:105 Resp: 142424
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.8

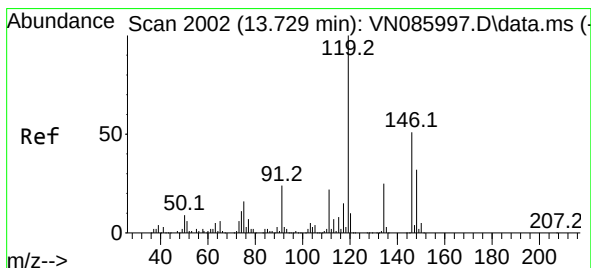
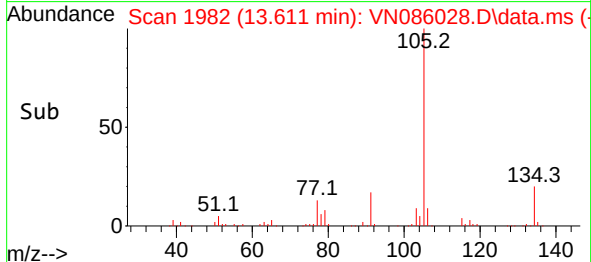
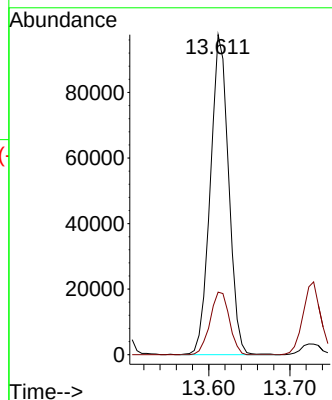
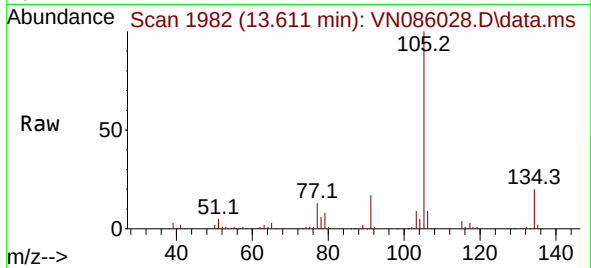




#85
 sec-Butylbenzene
 Concen: 18.726 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

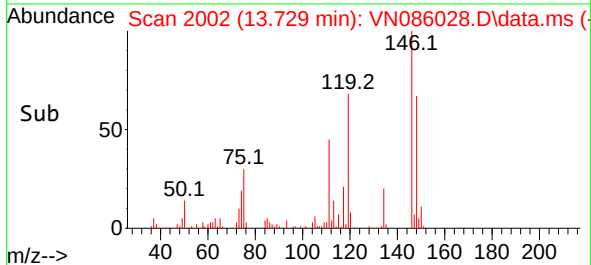
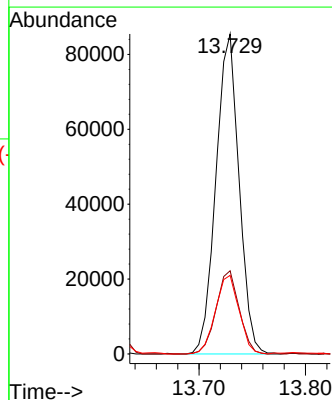
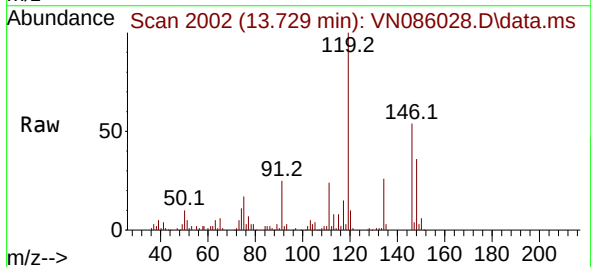
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

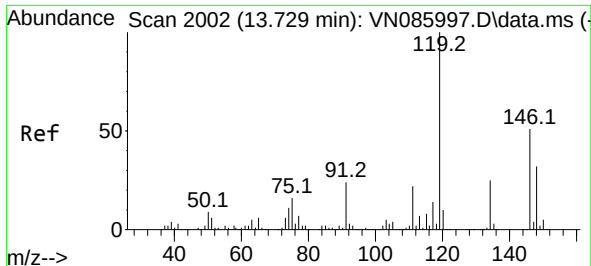
Tgt Ion:105 Resp: 152762
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.617 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086028.D
 Acq: 20 Mar 2025 16:36

Tgt Ion:119 Resp: 128562
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 25.1 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 18.550 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBS01

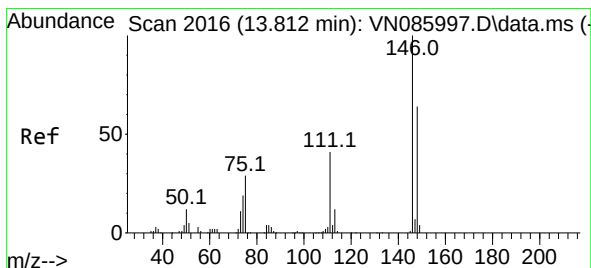
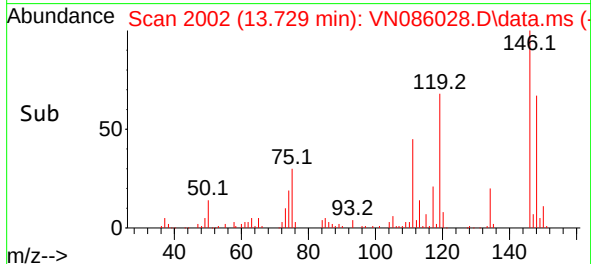
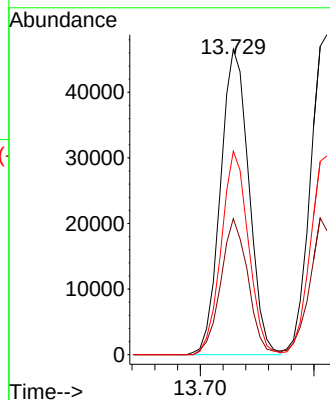
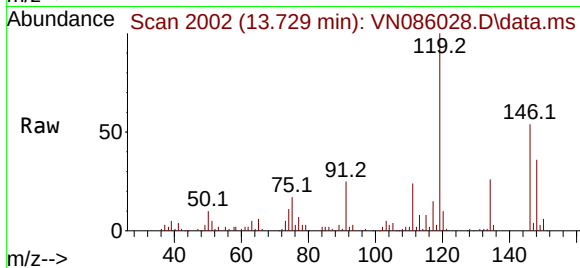
Tgt Ion:146 Resp: 80744

Ion Ratio Lower Upper

146 100

111 42.5 21.2 63.6

148 63.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.070 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086028.D

Acq: 20 Mar 2025 16:36

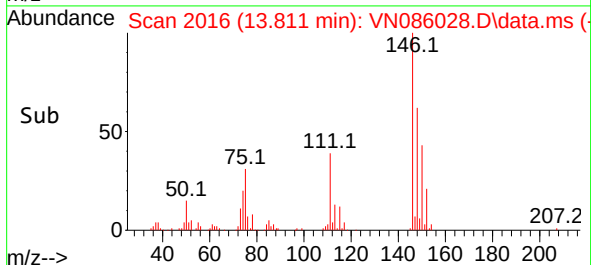
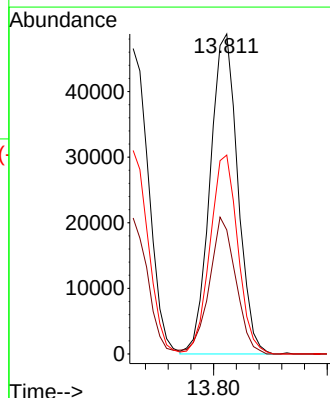
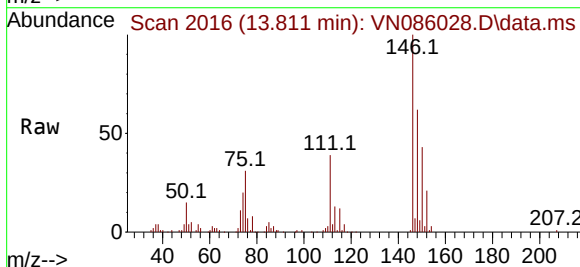
Tgt Ion:146 Resp: 82641

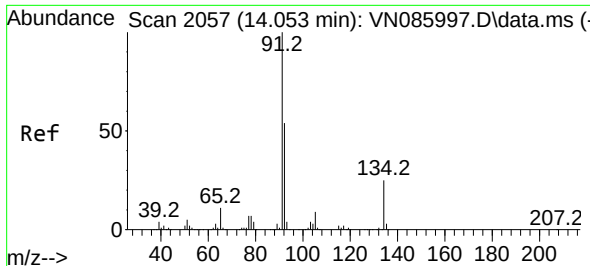
Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.3

148 62.4 32.1 96.5

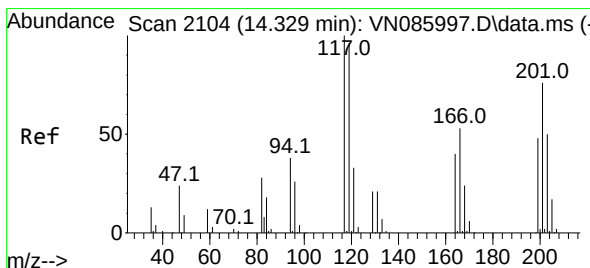
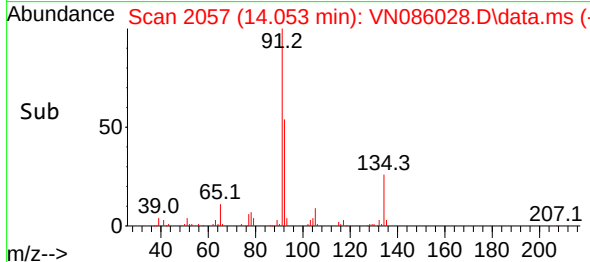
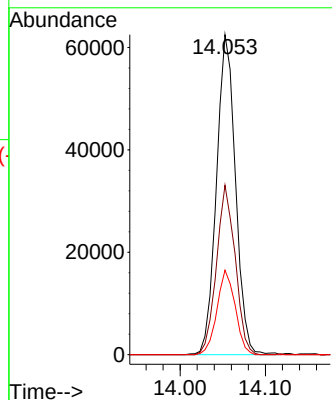
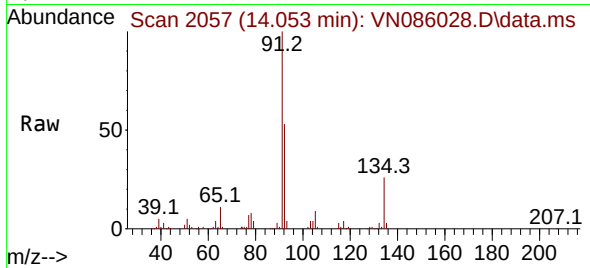




#89
n-Butylbenzene
Concen: 17.241 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

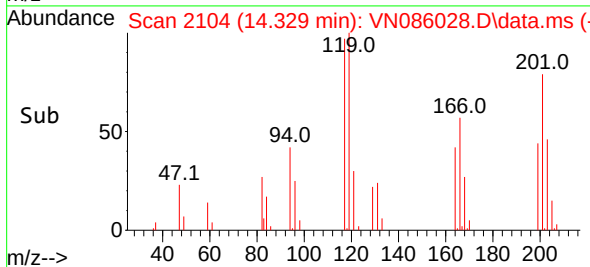
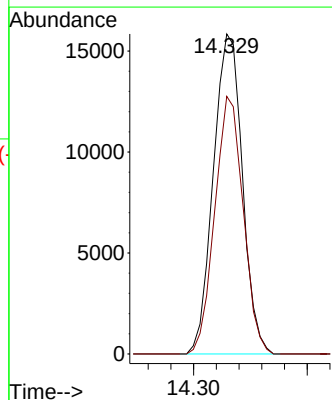
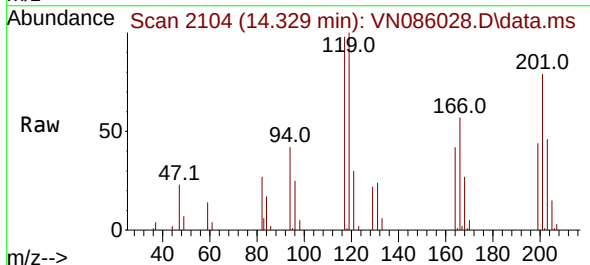
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

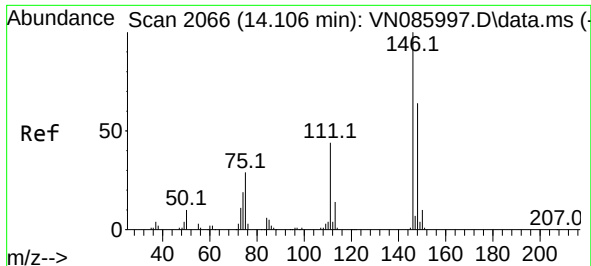
Tgt Ion:	91	Resp:	96953
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.9	80.6
134	25.3	13.0	39.0



#90
Hexachloroethane
Concen: 17.650 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:	117	Resp:	28124
Ion	Ratio	Lower	Upper
117	100		
201	78.9	39.1	117.3

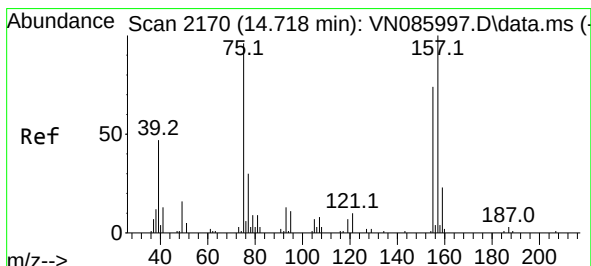
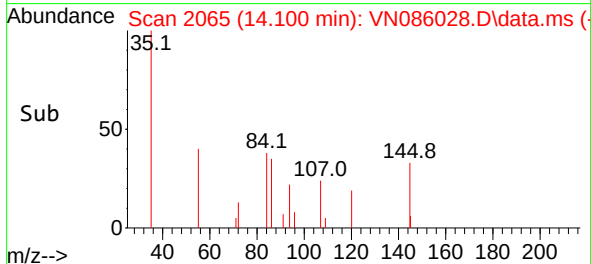
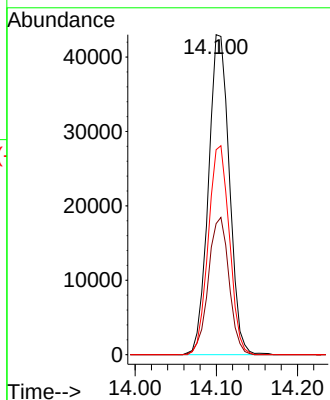
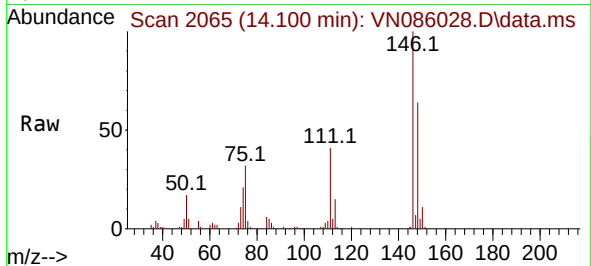




#91
1,2-Dichlorobenzene
Concen: 17.803 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

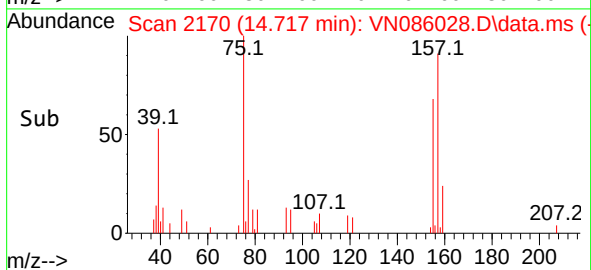
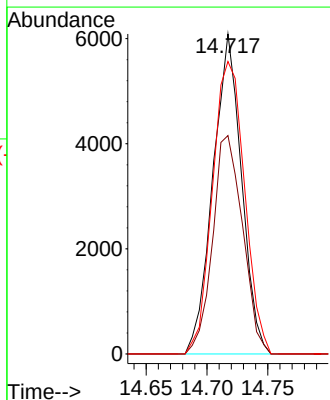
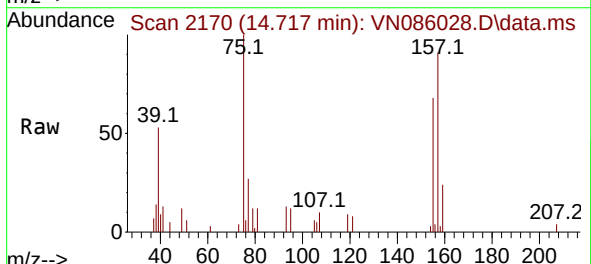
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

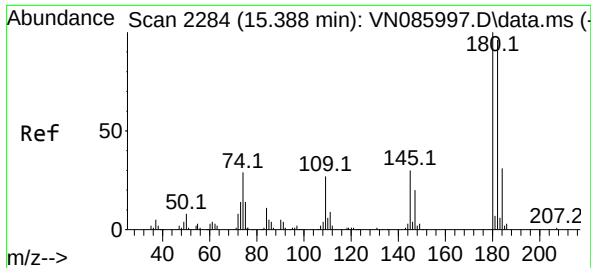
Tgt Ion:	146	Resp:	77034
Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.3	66.8
148	65.5	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.975 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:	75	Resp:	9928
Ion	Ratio	Lower	Upper
75	100		
155	71.7	41.0	123.0
157	102.7	53.7	161.1

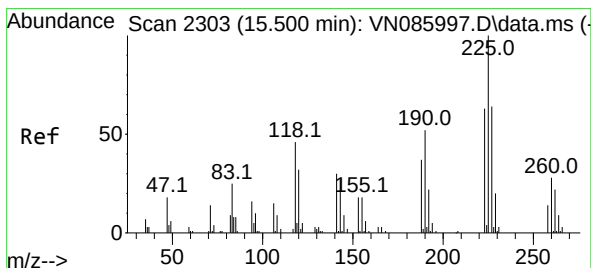
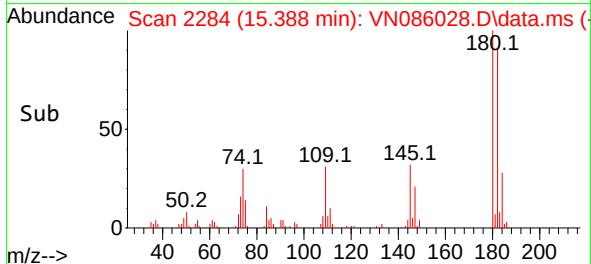
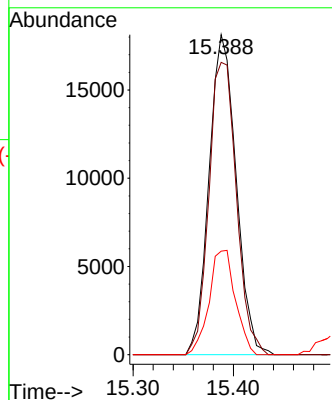
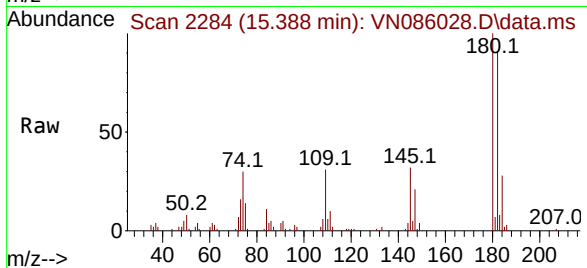




#93
1,2,4-Trichlorobenzene
Concen: 15.619 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

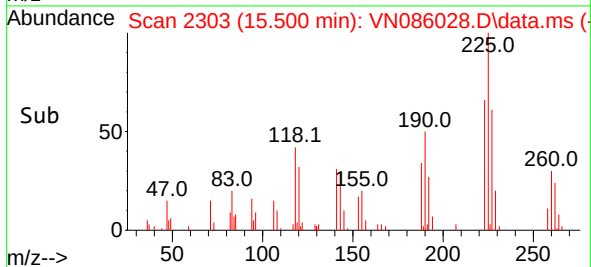
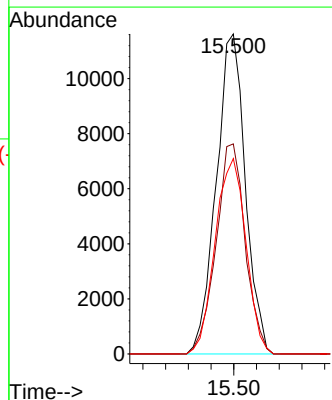
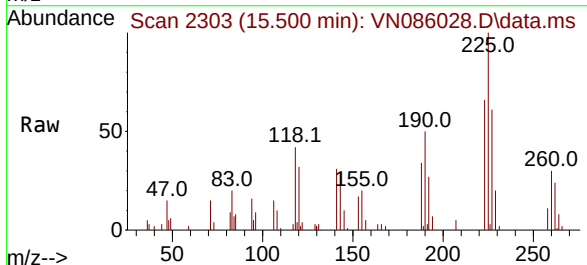
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

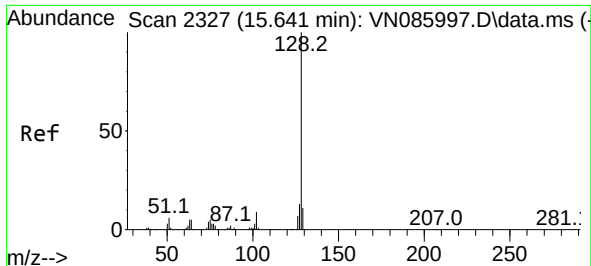
Tgt Ion:180 Resp: 33982
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.0
145 31.8 15.5 46.5



#94
Hexachlorobutadiene
Concen: 16.387 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:225 Resp: 20685
Ion Ratio Lower Upper
225 100
223 65.8 31.3 93.9
227 64.5 32.1 96.3

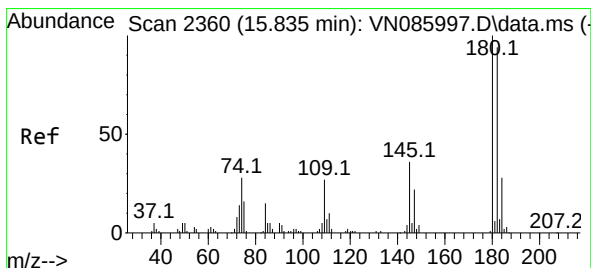
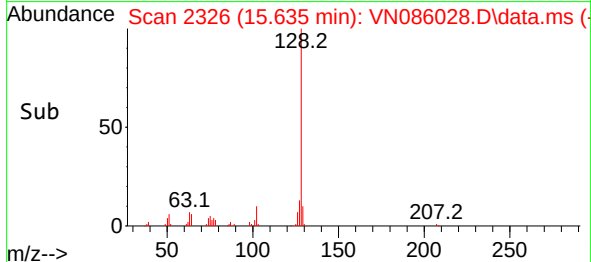
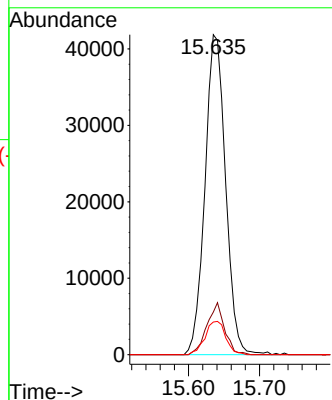
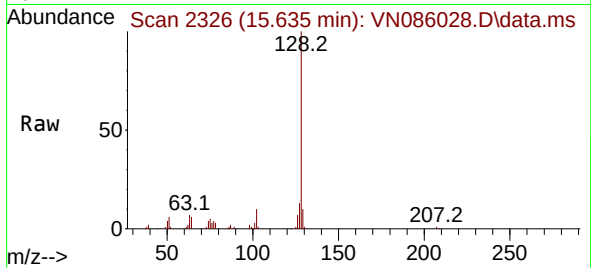




#95
Naphthalene
Concen: 13.423 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Instrument :
MSVOA_N
ClientSampleId :
VN0320WBS01

Tgt Ion:128 Resp: 84566
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 10.5 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 16.370 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086028.D
Acq: 20 Mar 2025 16:36

Tgt Ion:180 Resp: 33796
Ion Ratio Lower Upper
180 100
182 93.9 47.5 142.5
145 33.5 17.7 53.1

