

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086481.D
 Acq On : 05 May 2025 13:02
 Operator : JC\MD
 Sample : VN0505WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Quant Time: May 06 01:44:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	366604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147153	51.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.280%	
35) Dibromofluoromethane	8.165	113	98358	57.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.620%	
50) Toluene-d8	10.565	98	467119	51.369	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	12.847	95	166342	50.152	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	45545	19.553	ug/l	95
3) Chloromethane	2.359	50	60081	17.747	ug/l	100
4) Vinyl Chloride	2.518	62	61363	18.995	ug/l	97
5) Bromomethane	2.959	94	34989	24.079	ug/l	95
6) Chloroethane	3.118	64	41536	19.211	ug/l	100
7) Trichlorofluoromethane	3.500	101	72291	20.202	ug/l	96
8) Diethyl Ether	3.959	74	28241	18.078	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	43345	20.023	ug/l	98
10) Methyl Iodide	4.589	142	54089	22.727	ug/l	94
11) Tert butyl alcohol	5.518	59	45454	87.429	ug/l	100
12) 1,1-Dichloroethene	4.342	96	44135	19.083	ug/l	94
13) Acrolein	4.177	56	23490	87.062	ug/l	97
14) Allyl chloride	5.018	41	68325	16.619	ug/l	98
15) Acrylonitrile	5.718	53	118119	91.907	ug/l	99
16) Acetone	4.430	43	94899	92.739	ug/l	100
17) Carbon Disulfide	4.712	76	122600	17.704	ug/l	97
18) Methyl Acetate	5.024	43	55592	16.253	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	159201	18.726	ug/l	99
20) Methylene Chloride	5.271	84	52689	20.002	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	47311	19.567	ug/l	92
22) Diisopropyl ether	6.671	45	158120	17.679	ug/l	98
23) Vinyl Acetate	6.600	43	645338	103.219	ug/l	97
24) 1,1-Dichloroethane	6.565	63	90200	19.114	ug/l	98
25) 2-Butanone	7.477	43	156656	88.327	ug/l	94
26) 2,2-Dichloropropane	7.483	77	82783	19.593	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	59708	19.896	ug/l	96
28) Bromochloromethane	7.812	49	36734	18.359	ug/l	90
29) Tetrahydrofuran	7.835	42	104135	87.803	ug/l	97
30) Chloroform	7.965	83	93481	20.166	ug/l	99
31) Cyclohexane	8.253	56	81461	17.641	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	82275	20.747	ug/l	94
36) 1,1-Dichloropropene	8.371	75	65288	19.211	ug/l	98
37) Ethyl Acetate	7.559	43	66017	18.452	ug/l	95
38) Carbon Tetrachloride	8.359	117	66692	20.607	ug/l	97
39) Methylcyclohexane	9.600	83	74520	18.449	ug/l	95
40) Benzene	8.606	78	213326	19.592	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	34423	16.601	ug/l	91
42) 1,2-Dichloroethane	8.671	62	71406	20.565	ug/l	99
43) Isopropyl Acetate	8.688	43	126913	18.324	ug/l	98
44) Trichloroethene	9.353	130	52520	20.351	ug/l	95
45) 1,2-Dichloropropane	9.618	63	50856	19.081	ug/l	99
46) Dibromomethane	9.706	93	35677	21.009	ug/l	96
47) Bromodichloromethane	9.882	83	75382	20.553	ug/l	98
48) Methyl methacrylate	9.677	41	54587	17.374	ug/l	95
49) 1,4-Dioxane	9.694	88	21197	396.625	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	340895	93.047	ug/l	98
52) Toluene	10.629	92	138652	20.408	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	81152	19.821	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	85142	18.934	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	51087	20.900	ug/l	98
56) Ethyl methacrylate	10.871	69	85820	19.100	ug/l	97
57) 1,3-Dichloropropane	11.159	76	88498	20.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	175389	82.241	ug/l	97
59) 2-Hexanone	11.194	43	255604	94.059	ug/l	100
60) Dibromochloromethane	11.359	129	57296	21.346	ug/l	99
61) 1,2-Dibromoethane	11.465	107	51455	20.862	ug/l	98
64) Tetrachloroethene	11.100	164	51243	19.975	ug/l	98
65) Chlorobenzene	11.888	112	152591	20.502	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	50098	20.404	ug/l	100
67) Ethyl Benzene	11.959	91	265929	19.800	ug/l	100
68) m/p-Xylenes	12.065	106	202748	40.289	ug/l	97
69) o-Xylene	12.394	106	101213	20.337	ug/l	97
70) Styrene	12.406	104	166189	20.041	ug/l	99
71) Bromoform	12.576	173	37113	20.076	ug/l #	99
73) Isopropylbenzene	12.694	105	243827	20.198	ug/l	100
74) N-amyl acetate	12.488	43	108683	18.085	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	73655	21.220	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	97897	28.111	ug/l	58
77) Bromobenzene	12.976	156	59108	22.098	ug/l	92
78) n-propylbenzene	13.035	91	288441	20.277	ug/l	99
79) 2-Chlorotoluene	13.123	91	181075	20.343	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	201865	20.431	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	27567	19.011	ug/l	93
82) 4-Chlorotoluene	13.217	91	177105	20.030	ug/l	97
83) tert-Butylbenzene	13.435	119	174852	20.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	203281	20.212	ug/l	100
85) sec-Butylbenzene	13.612	105	244446	20.585	ug/l	99
86) p-Isopropyltoluene	13.723	119	205137	20.958	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	102825	20.450	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	103560	20.448	ug/l	99
89) n-Butylbenzene	14.053	91	170904	19.699	ug/l	99
90) Hexachloroethane	14.329	117	33653	20.441	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	99193	20.347	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12990	18.561	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	43550	18.656	ug/l	99
94) Hexachlorobutadiene	15.494	225	18264	20.727	ug/l	98
95) Naphthalene	15.635	128	143324	17.320	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	42531	19.244	ug/l	99

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QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

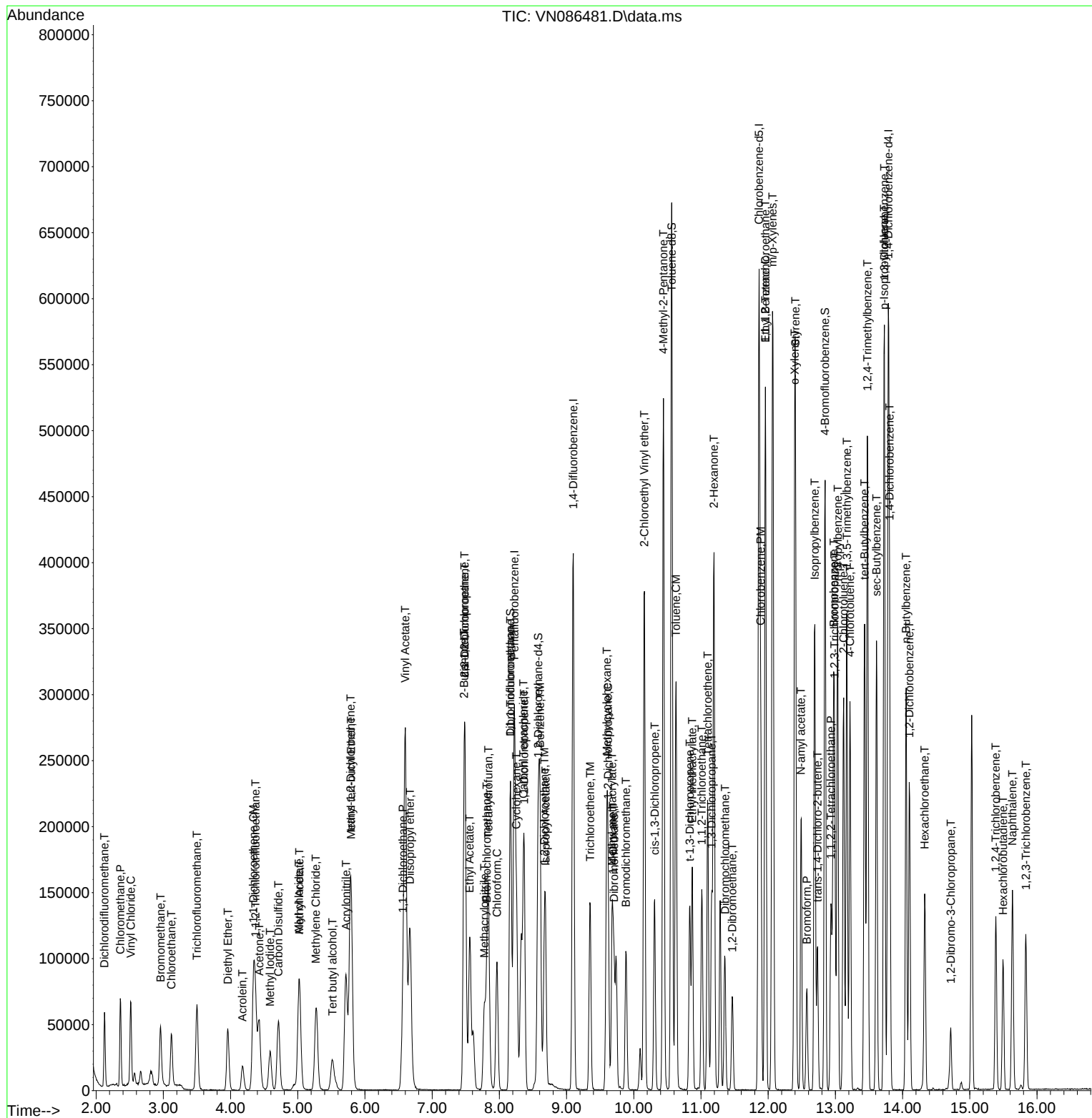
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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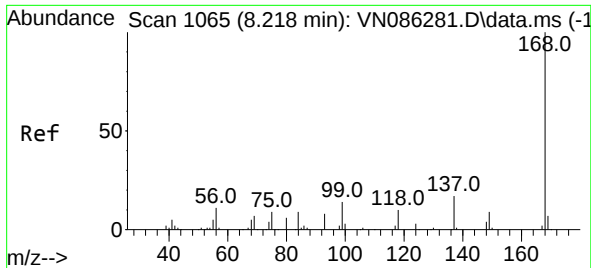
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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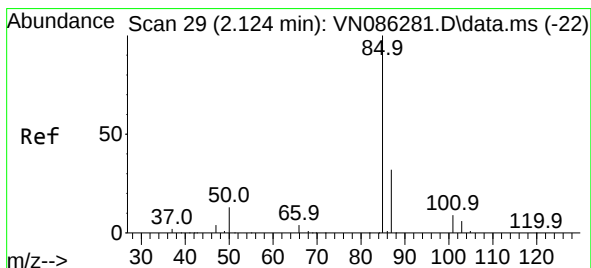
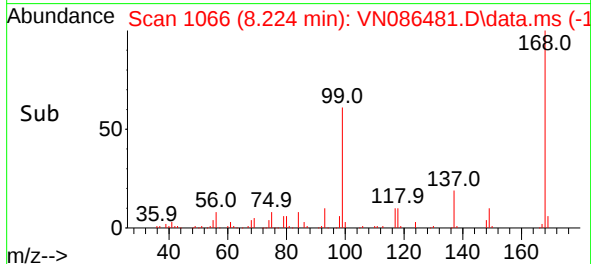
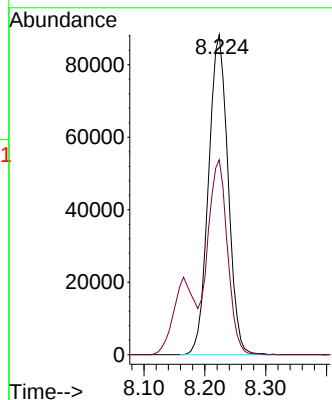
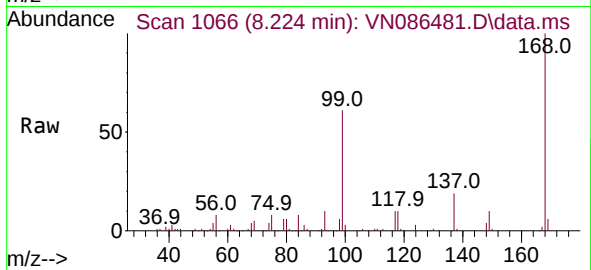




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086481.D
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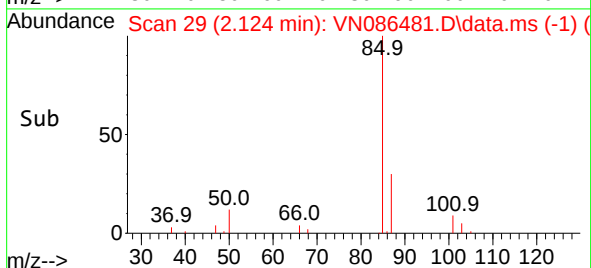
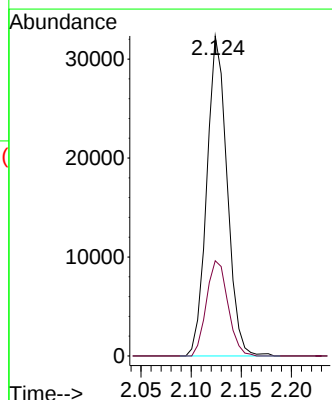
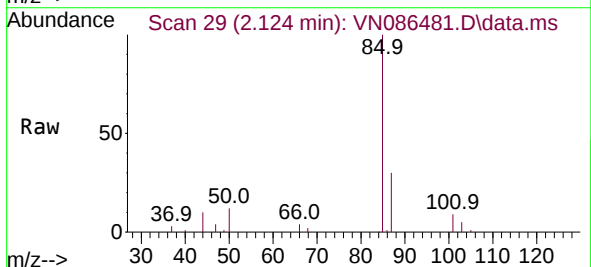
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion:168 Resp: 196497
Ion Ratio Lower Upper
168 100
99 60.9 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 19.553 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 85 Resp: 45545
Ion Ratio Lower Upper
85 100
87 29.7 16.3 48.8

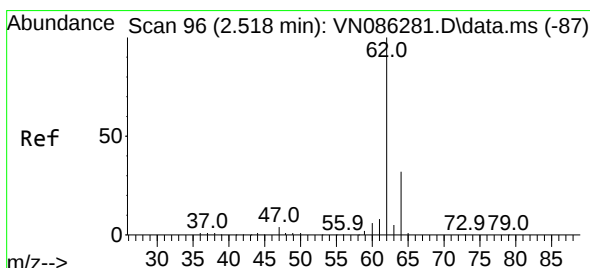
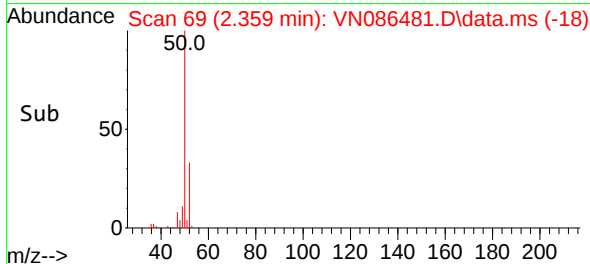
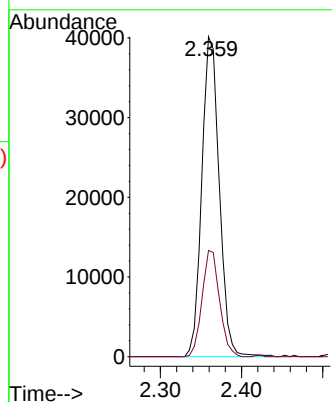
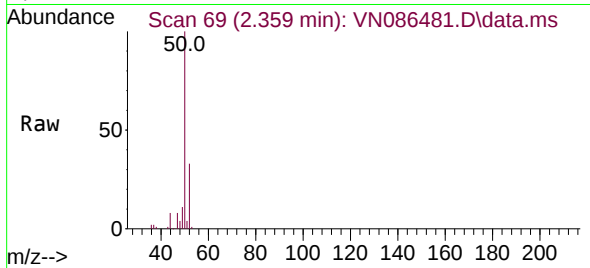




#3
Chloromethane
Concen: 17.747 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

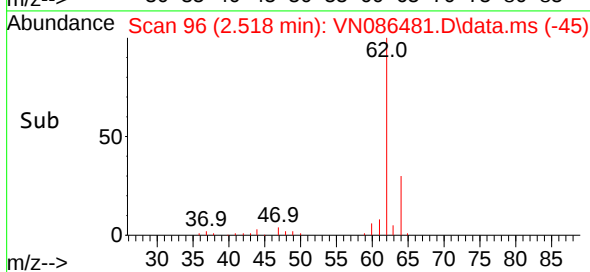
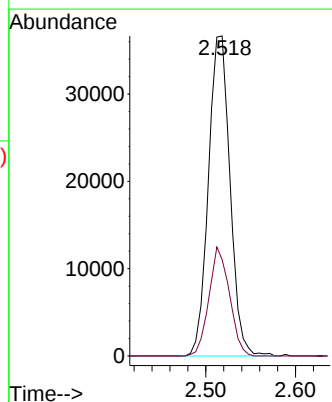
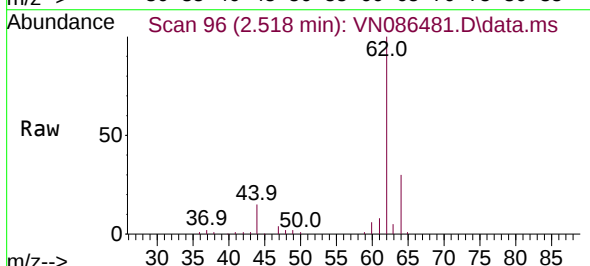
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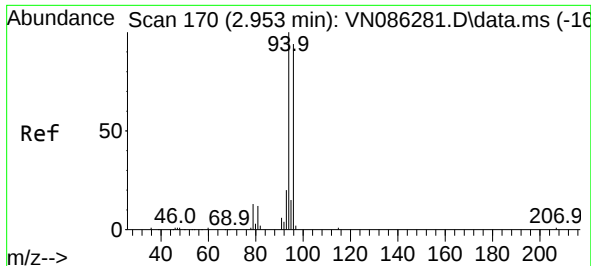
Tgt Ion: 50 Resp: 60081
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7



#4
Vinyl Chloride
Concen: 18.995 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 62 Resp: 61363
Ion Ratio Lower Upper
62 100
64 30.1 25.6 38.4

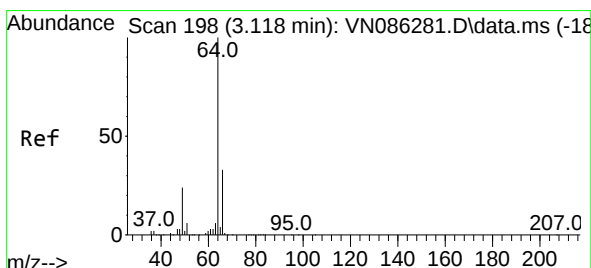
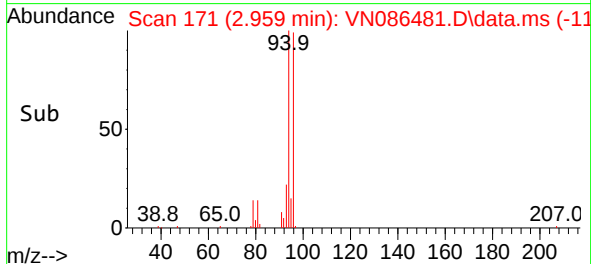
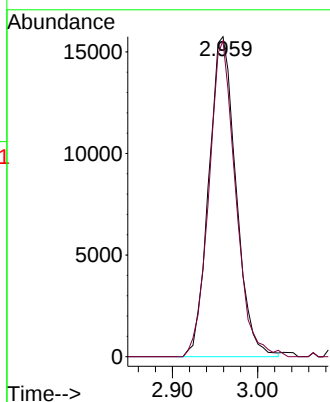
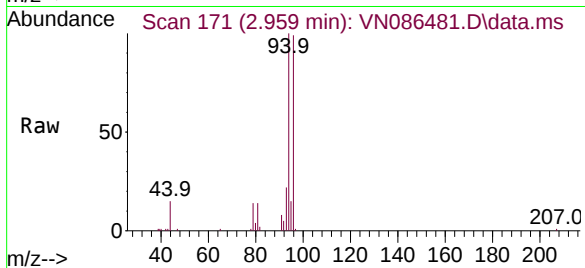




#5
Bromomethane
Concen: 24.079 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

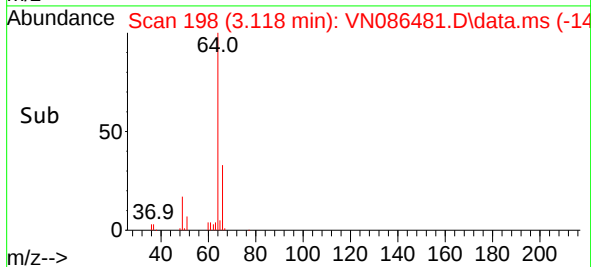
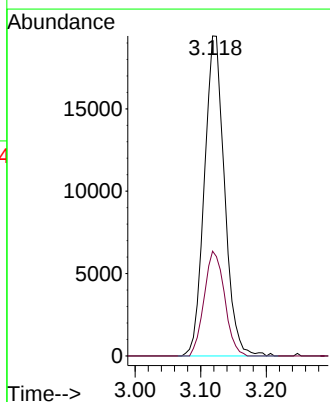
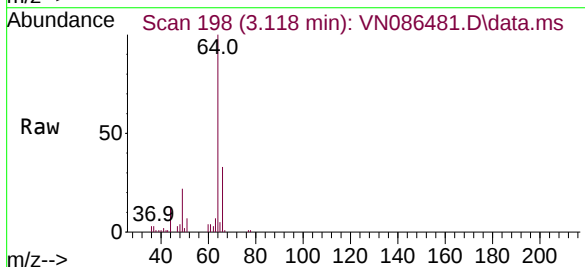
Instrument :
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Tgt Ion: 94 Resp: 34989
Ion Ratio Lower Upper
94 100
96 98.7 75.2 112.8



#6
Chloroethane
Concen: 19.211 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 64 Resp: 41536
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2

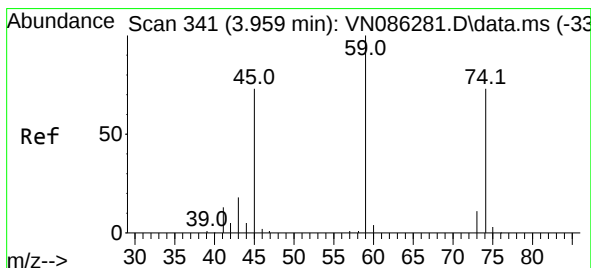
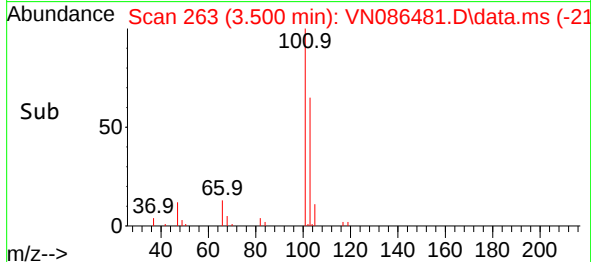
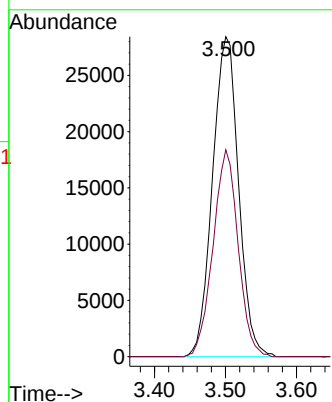
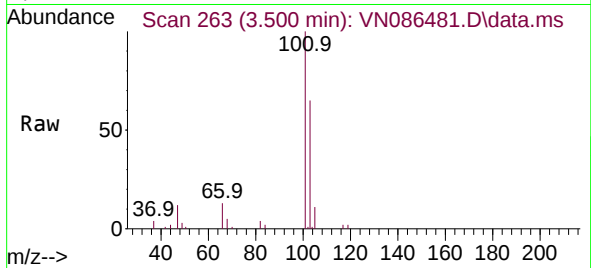




#7
 Trichlorofluoromethane
 Concen: 20.202 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VN086481.D
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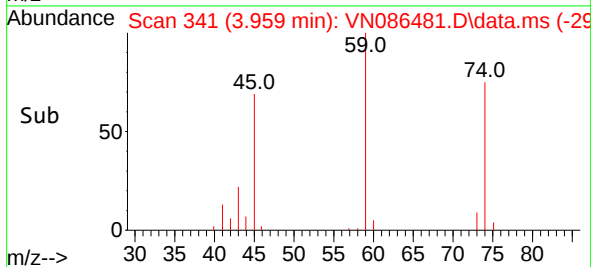
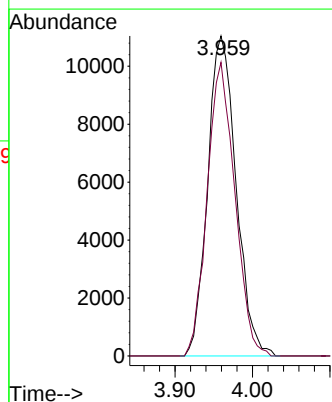
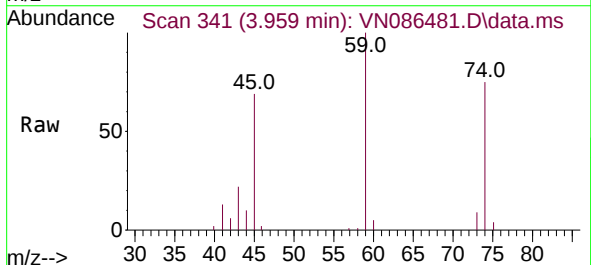
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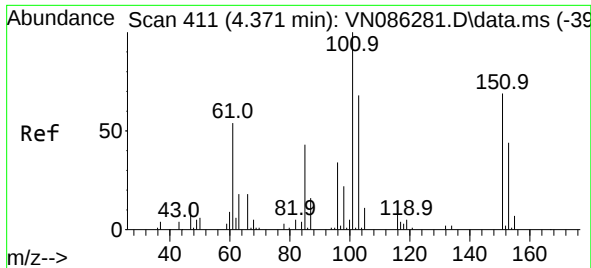
Tgt Ion:101 Resp: 72291
 Ion Ratio Lower Upper
 101 100
 103 64.7 49.2 73.8



#8
 Diethyl Ether
 Concen: 18.078 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

Tgt Ion: 74 Resp: 28241
 Ion Ratio Lower Upper
 74 100
 45 89.2 48.0 144.2

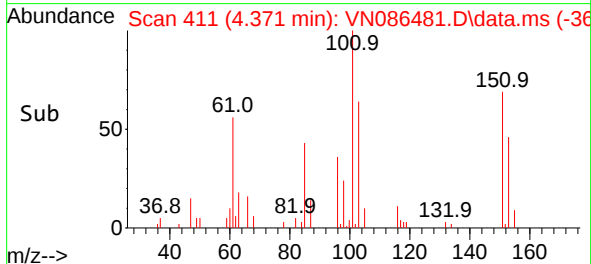
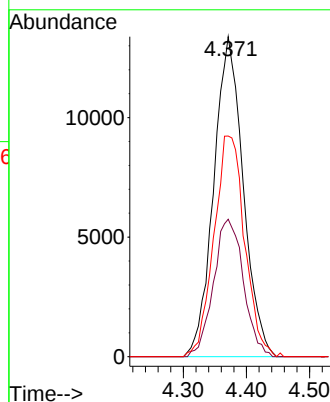
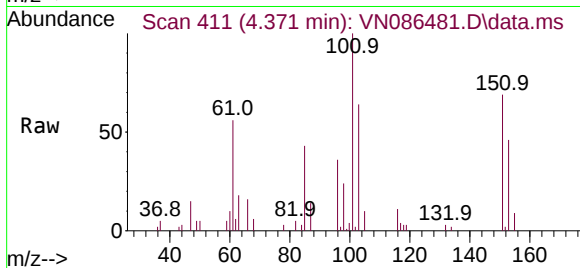




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.023 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086481.D
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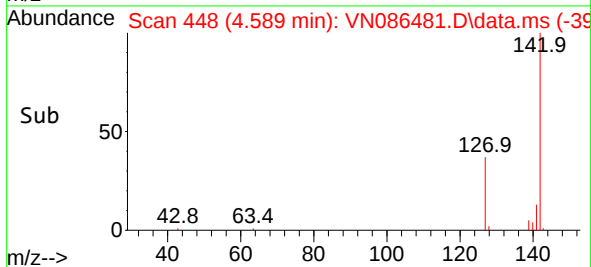
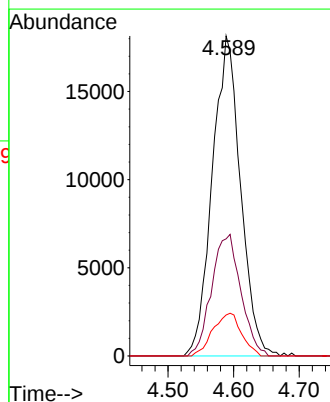
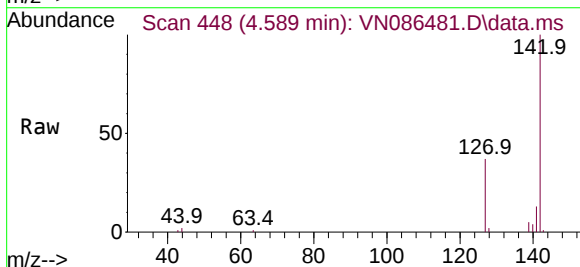
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion:101 Resp: 43345
Ion Ratio Lower Upper
101 100
85 43.6 34.7 52.1
151 72.0 56.1 84.1



#10
Methyl Iodide
Concen: 22.727 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion:142 Resp: 54089
Ion Ratio Lower Upper
142 100
127 36.6 32.7 49.1
141 12.8 11.7 17.5

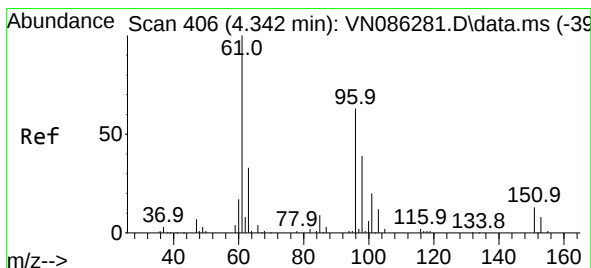
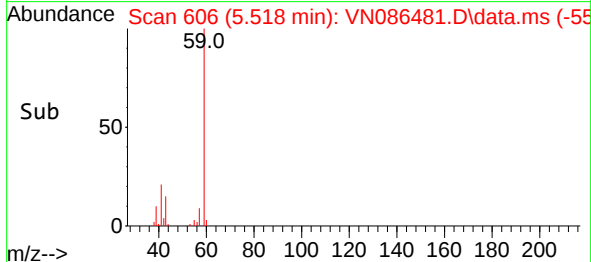
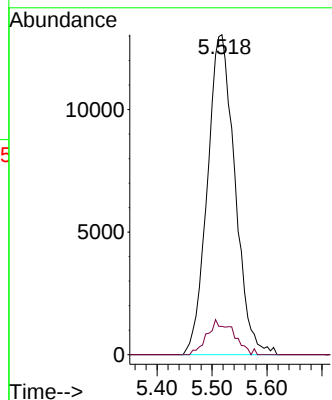
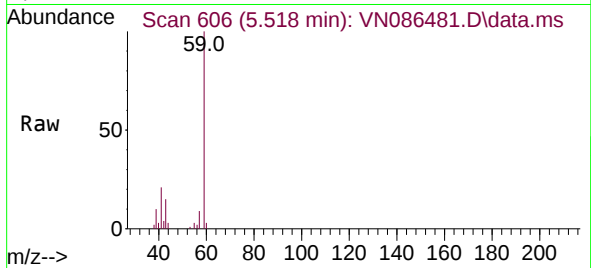




#11
Tert butyl alcohol
Concen: 87.429 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

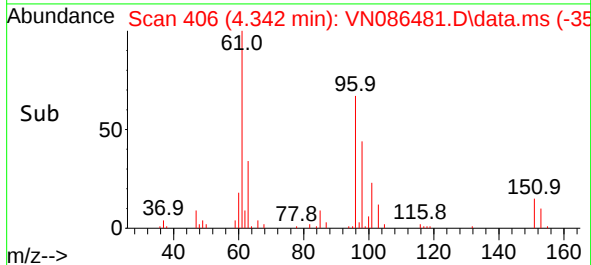
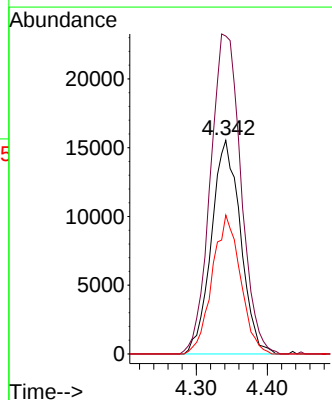
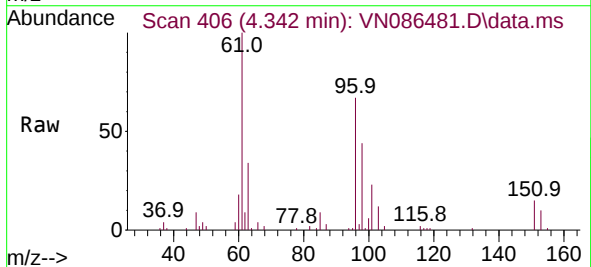
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion: 59 Resp: 45454
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.083 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 96 Resp: 44135
Ion Ratio Lower Upper
96 100
61 148.8 126.6 189.8
98 65.0 49.6 74.4

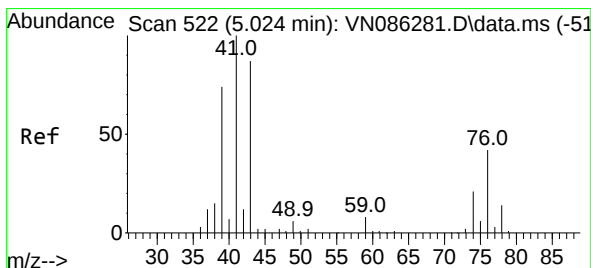
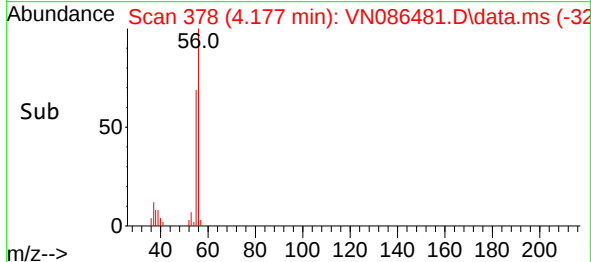
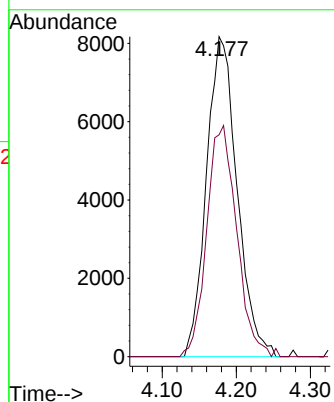
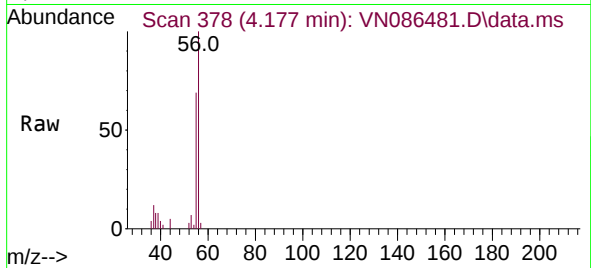




#13
Acrolein
Concen: 87.062 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

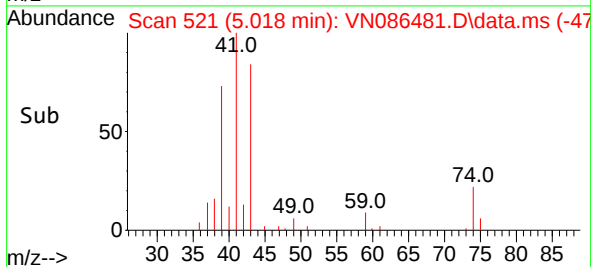
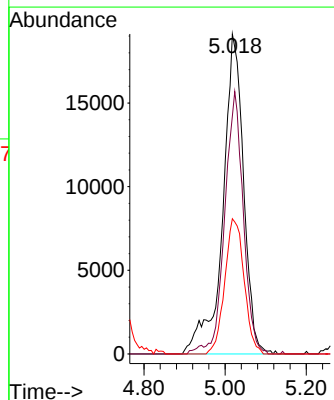
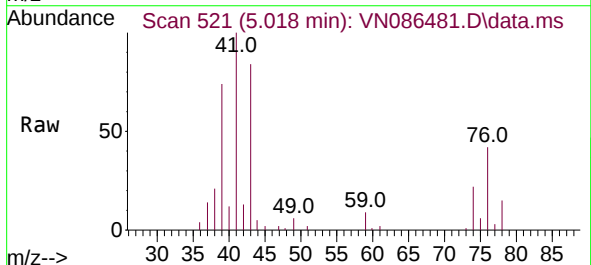
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion: 56 Resp: 23490
Ion Ratio Lower Upper
56 100
55 70.7 58.5 87.7



#14
Allyl chloride
Concen: 16.619 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 41 Resp: 68325
Ion Ratio Lower Upper
41 100
39 72.1 59.2 88.8
76 39.2 31.2 46.8

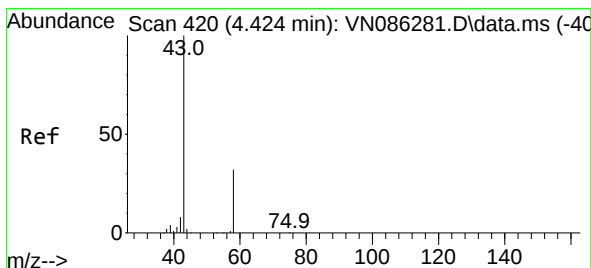
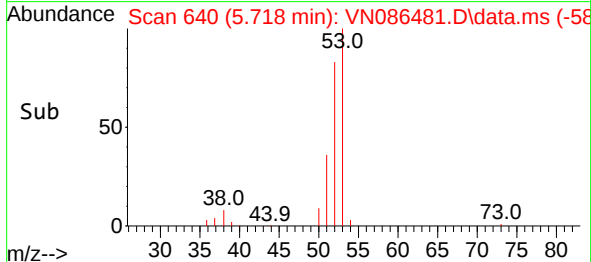
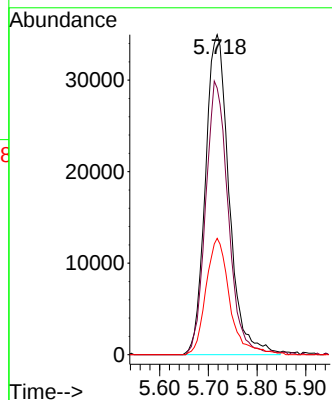
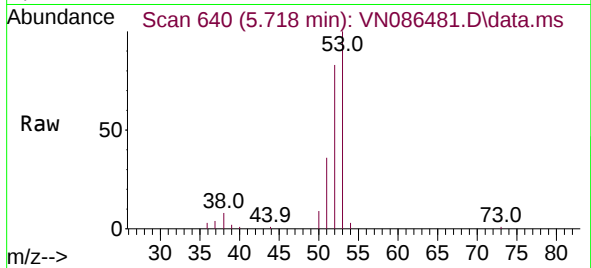




#15
Acrylonitrile
Concen: 91.907 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

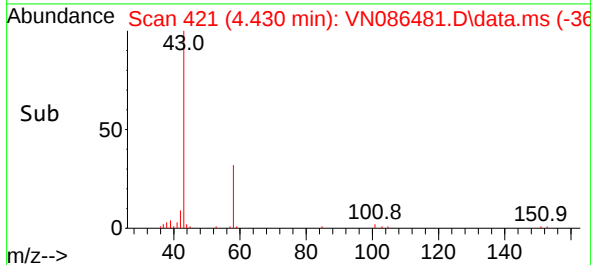
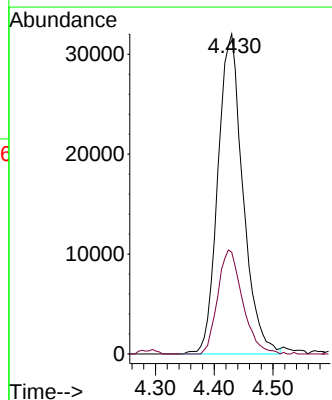
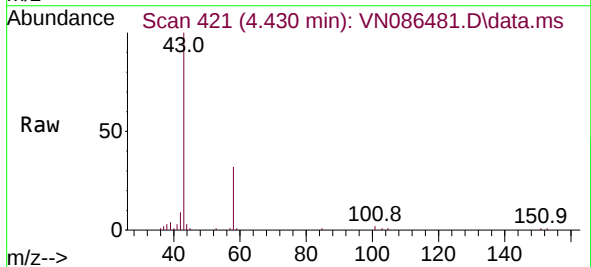
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion: 53 Resp: 118119
Ion Ratio Lower Upper
53 100
52 81.8 65.5 98.3
51 36.5 28.6 42.8



#16
Acetone
Concen: 92.739 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 43 Resp: 94899
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9

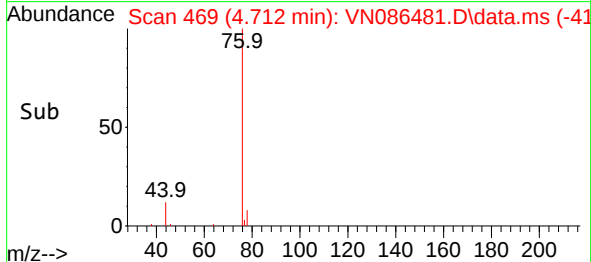
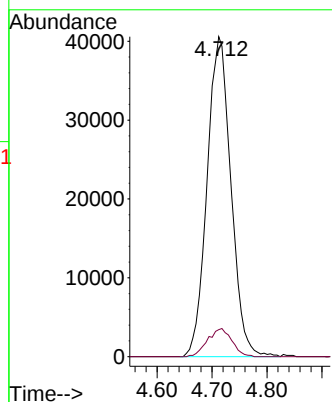
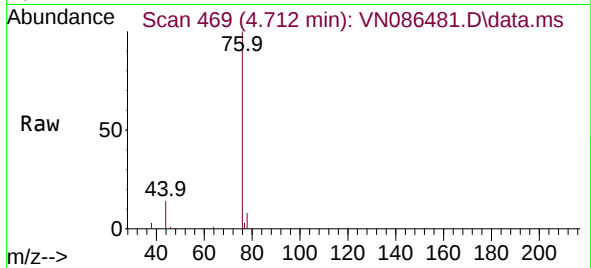




#17
Carbon Disulfide
Concen: 17.704 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

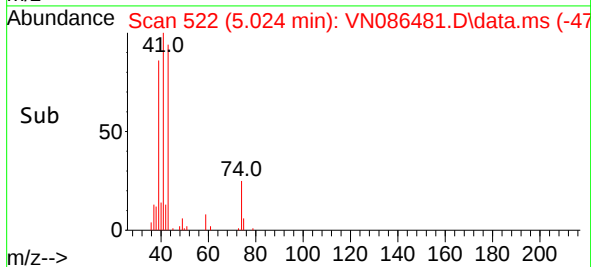
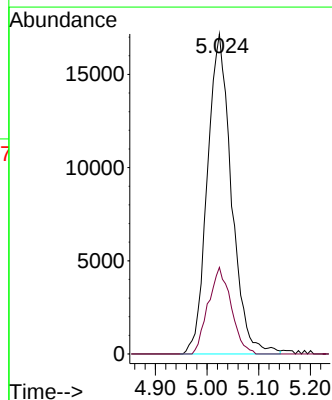
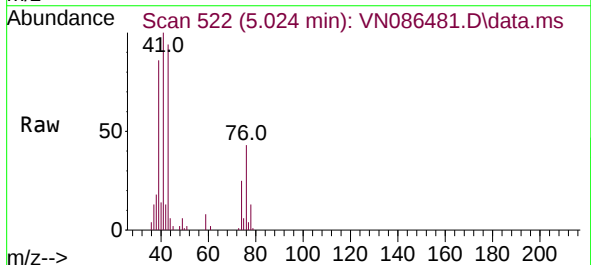
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

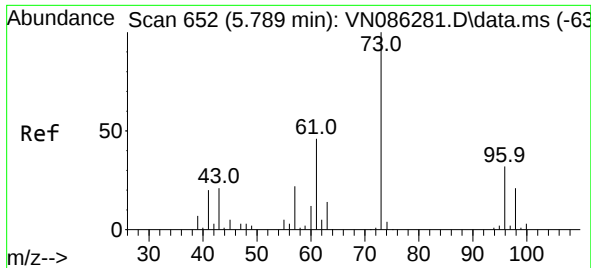
Tgt Ion: 76 Resp: 122600
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 16.253 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 43 Resp: 55592
Ion Ratio Lower Upper
43 100
74 25.7 19.8 29.6

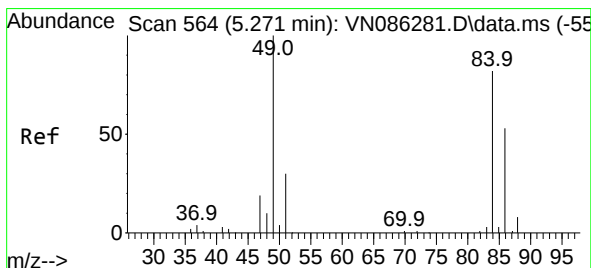
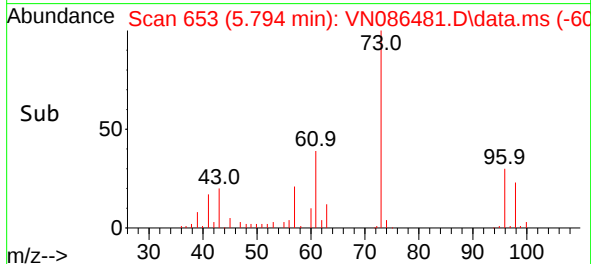
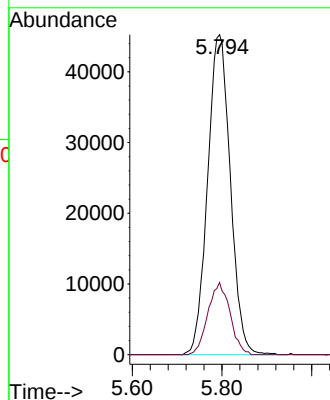
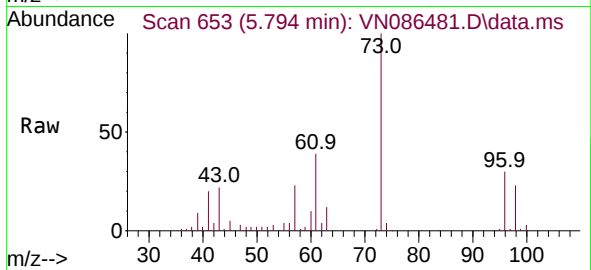




#19
Methyl tert-butyl Ether
Concen: 18.726 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

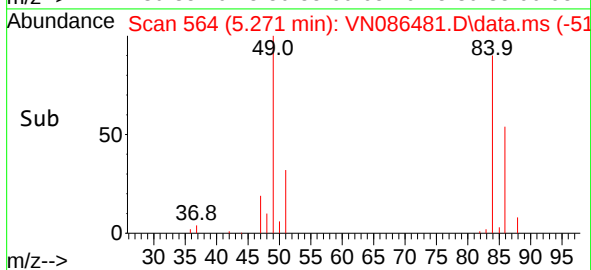
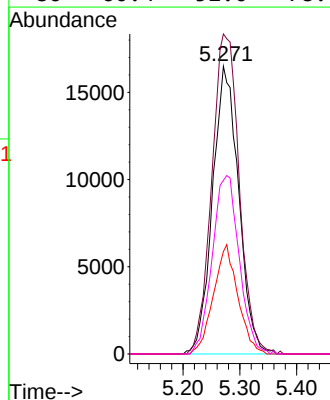
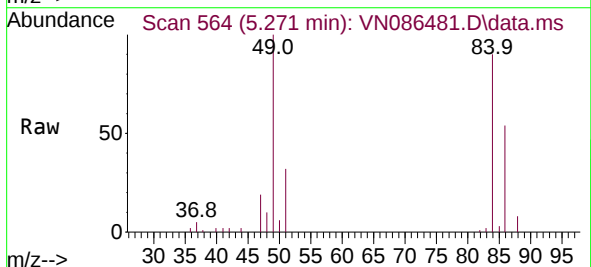
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

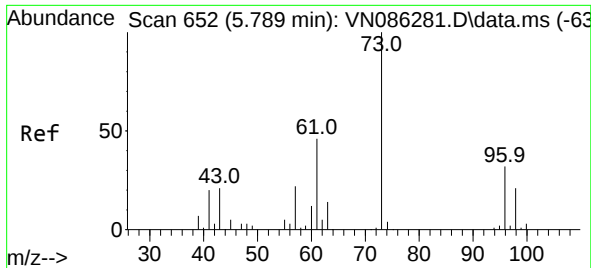
Tgt Ion: 73 Resp: 159201
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4



#20
Methylene Chloride
Concen: 20.002 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 84 Resp: 52689
Ion Ratio Lower Upper
84 100
49 111.3 98.2 147.2
51 35.6 29.8 44.6
86 60.4 52.0 78.0

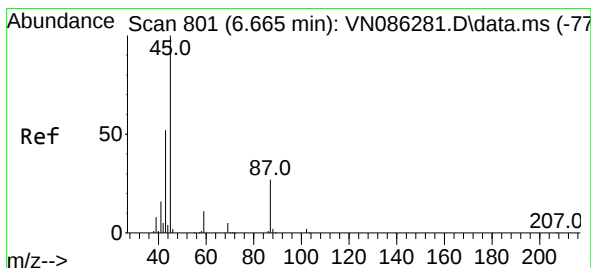
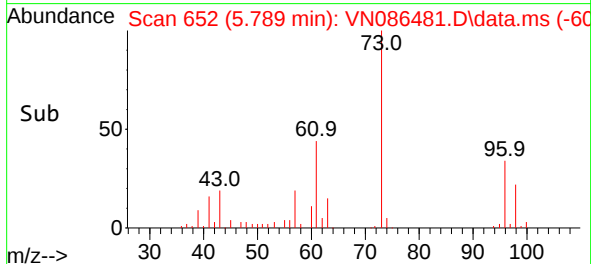
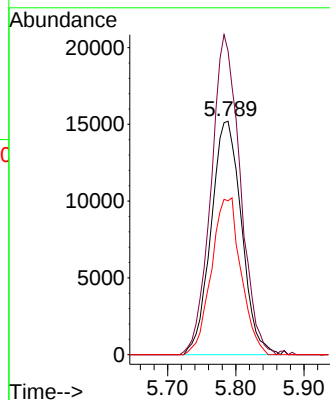
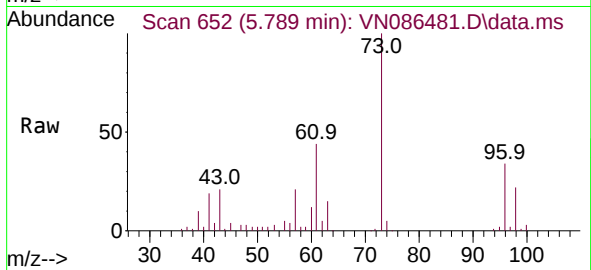




#21
trans-1,2-Dichloroethene
Concen: 19.567 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

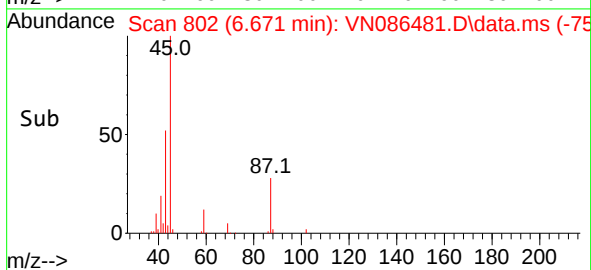
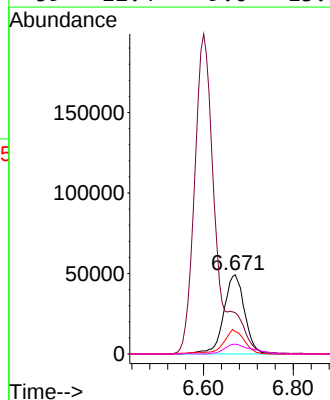
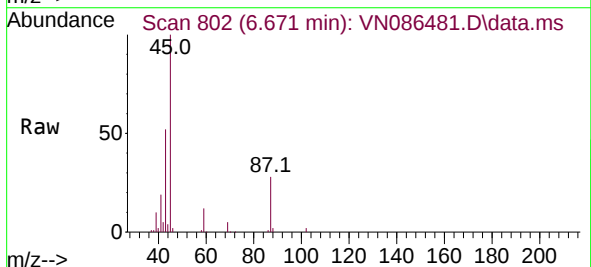
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion: 96 Resp: 47311
Ion Ratio Lower Upper
96 100
61 130.2 114.6 171.8
98 65.9 51.2 76.8



#22
Diisopropyl ether
Concen: 17.679 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 45 Resp: 158120
Ion Ratio Lower Upper
45 100
43 51.3 41.8 62.8
87 28.4 21.6 32.4
59 12.4 9.0 13.4

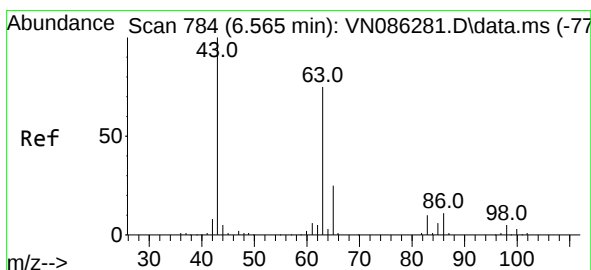
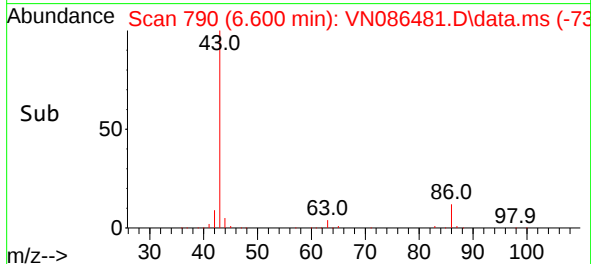
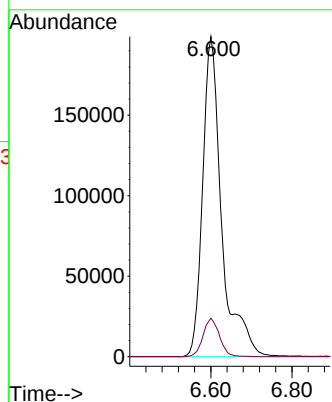
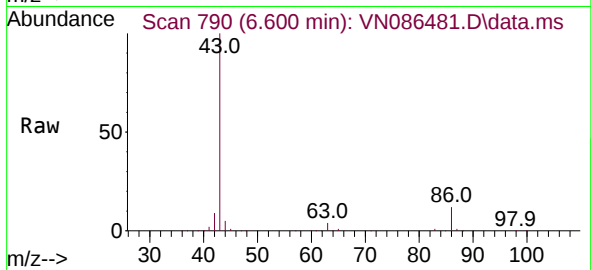




#23
 Vinyl Acetate
 Concen: 103.219 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

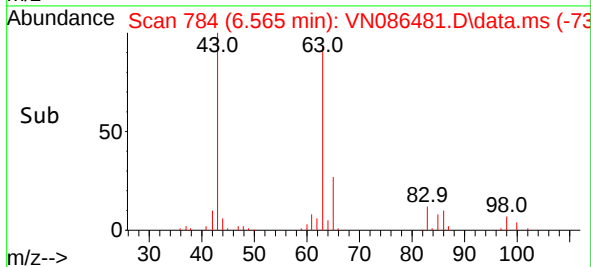
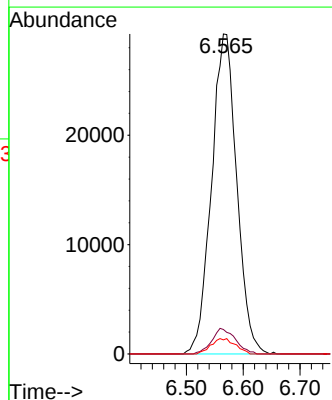
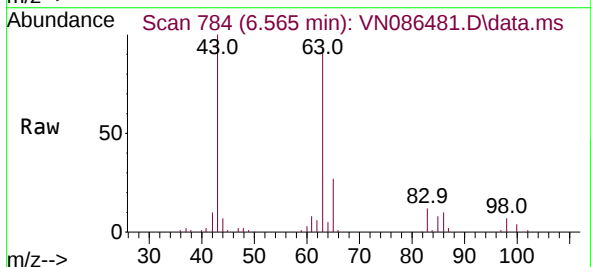
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Tgt Ion: 43 Resp: 645338
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.114 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

Tgt Ion: 63 Resp: 90200
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.2
 100 4.4 2.1 6.5

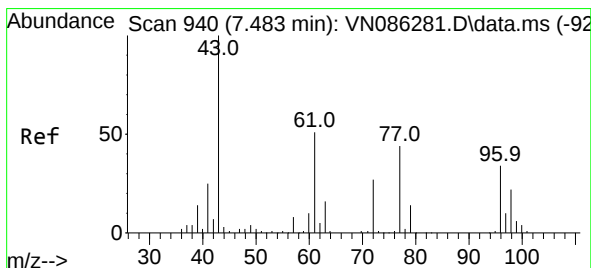
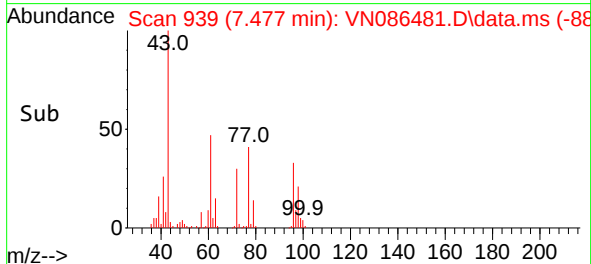
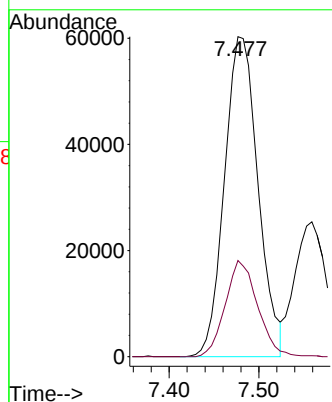
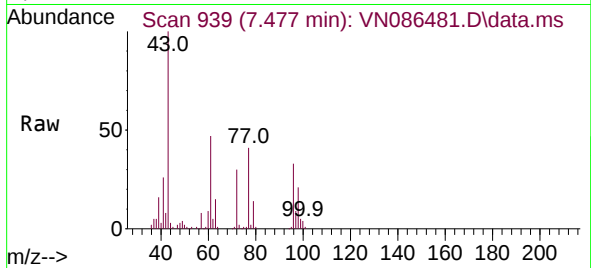




#25
2-Butanone
Concen: 88.327 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

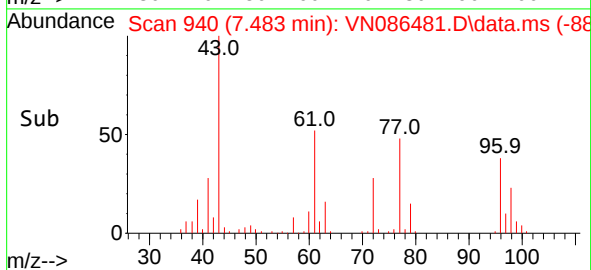
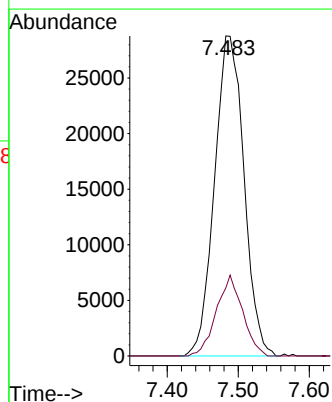
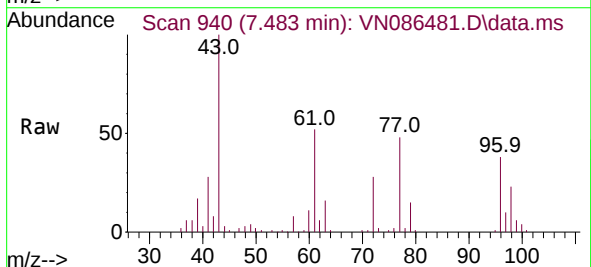
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

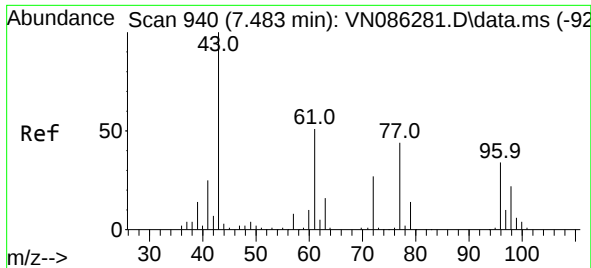
Tgt Ion: 43 Resp: 156656
Ion Ratio Lower Upper
43 100
72 30.0 21.7 32.5



#26
2,2-Dichloropropane
Concen: 19.593 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 77 Resp: 82783
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5



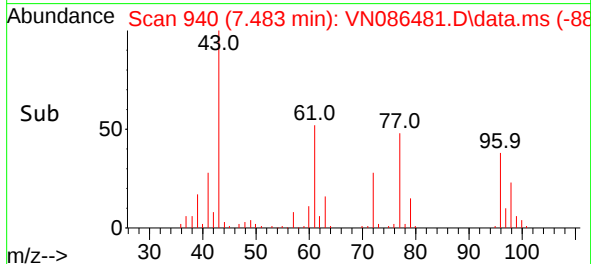
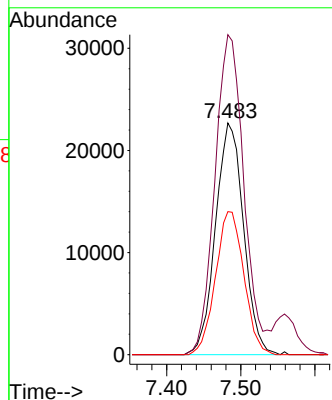
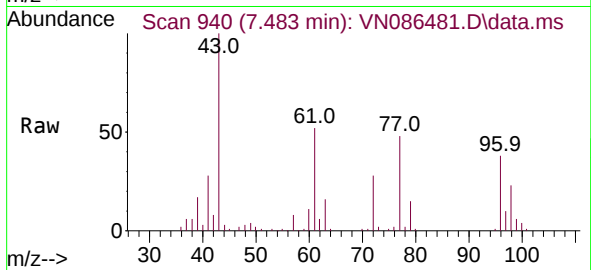


#27
 cis-1,2-Dichloroethene
 Concen: 19.896 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Tgt Ion: 96 Resp: 59708

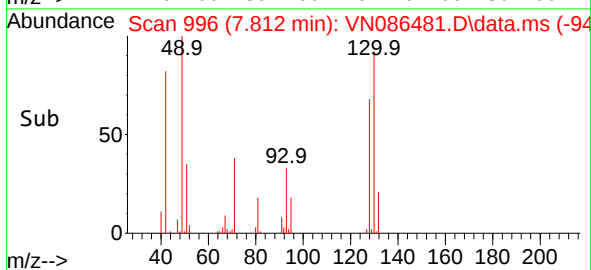
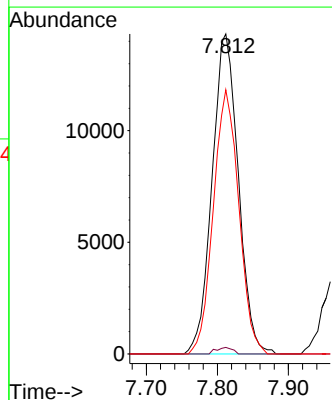
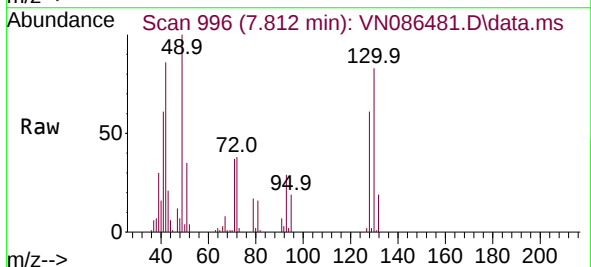
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	299.0
98	62.4	0.0	129.6



#28
 Bromochloromethane
 Concen: 18.359 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

Tgt Ion: 49 Resp: 36734

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	80.2	57.1	85.7





#29

Tetrahydrofuran

Concen: 87.803 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

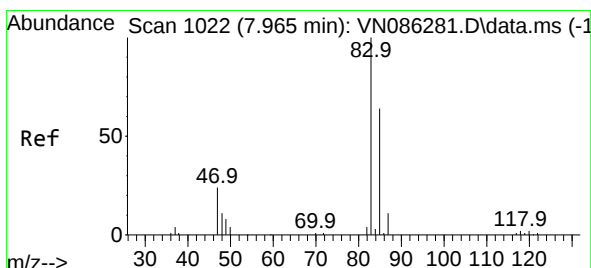
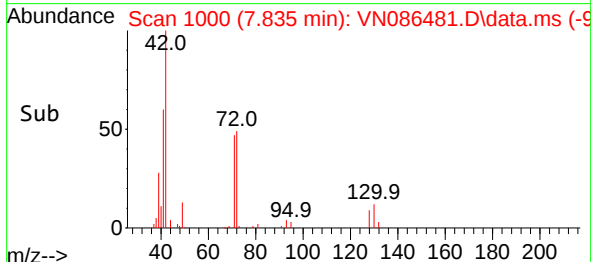
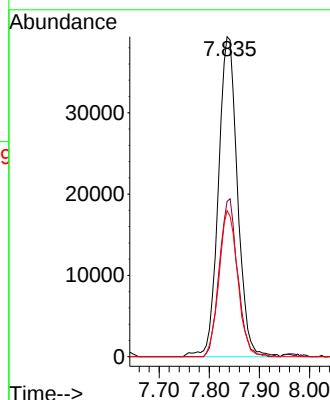
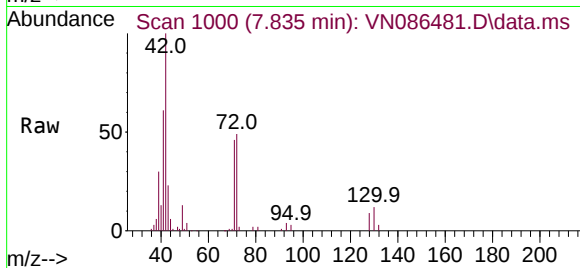
Tgt Ion: 42 Resp: 104135

Ion Ratio Lower Upper

42 100

72 47.3 36.2 54.4

71 44.7 34.0 51.0



#30

Chloroform

Concen: 20.166 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086481.D

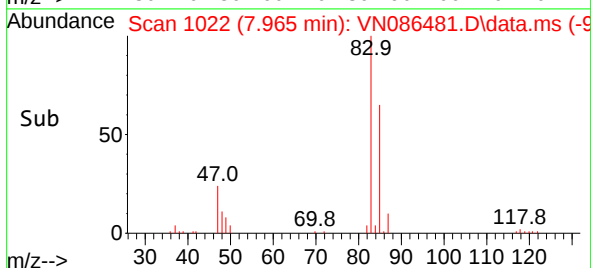
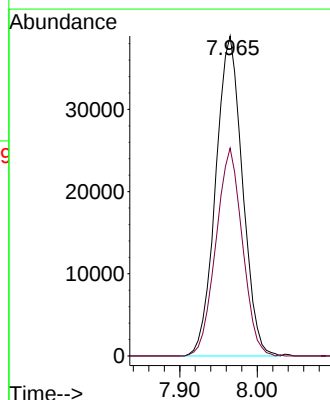
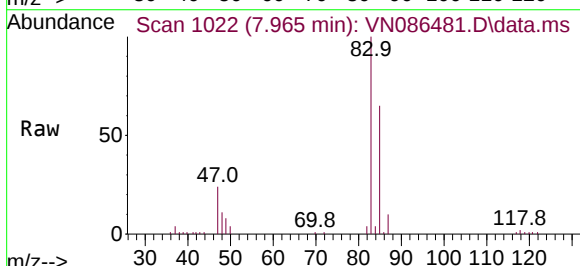
Acq: 05 May 2025 13:02

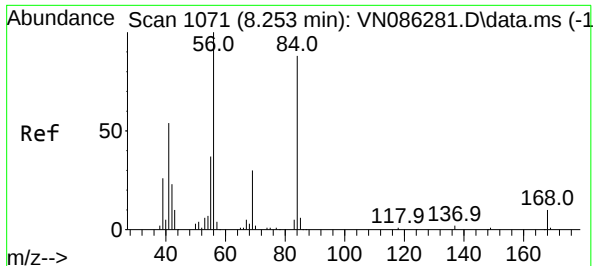
Tgt Ion: 83 Resp: 93481

Ion Ratio Lower Upper

83 100

85 64.9 51.5 77.3

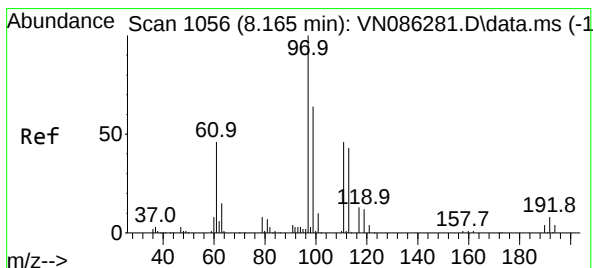
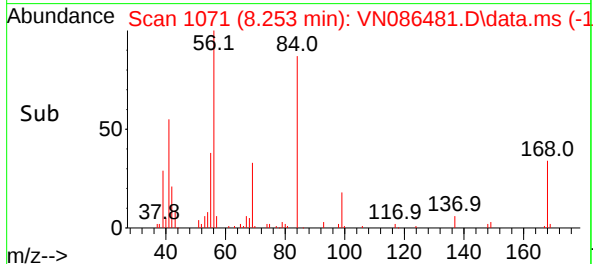
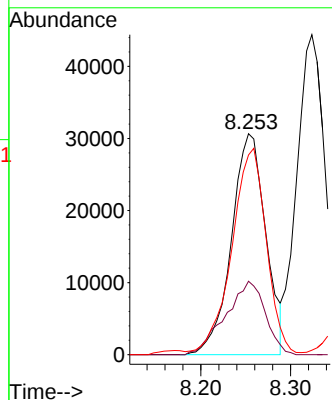
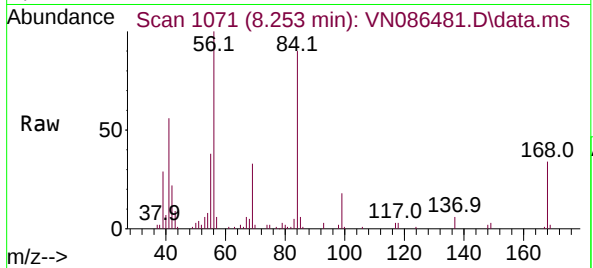




#31
Cyclohexane
Concen: 17.641 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

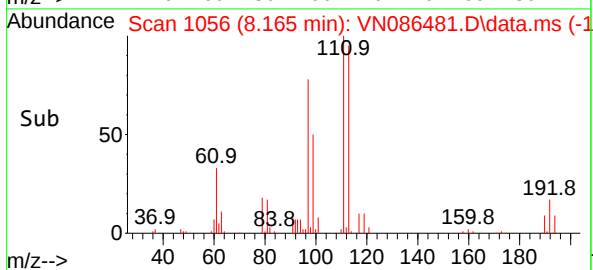
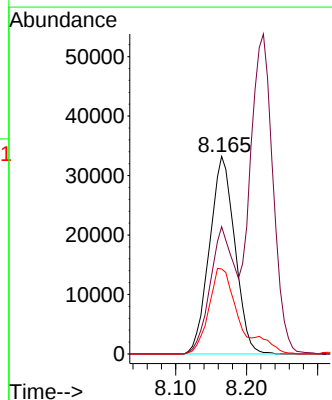
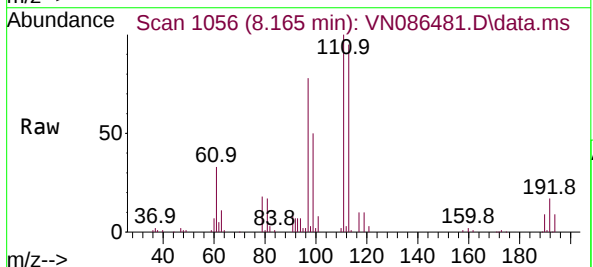
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion: 56 Resp: 81461
Ion Ratio Lower Upper
56 100
69 33.2 24.2 36.2
84 88.6 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 20.747 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 97 Resp: 82275
Ion Ratio Lower Upper
97 100
99 61.5 52.7 79.1
61 45.6 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 51.644 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

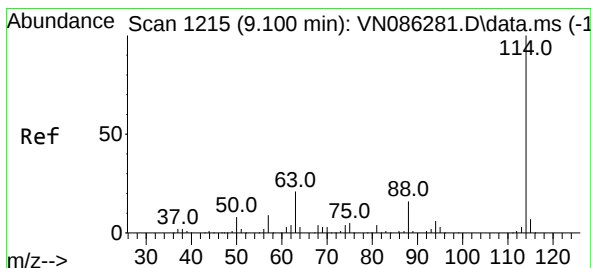
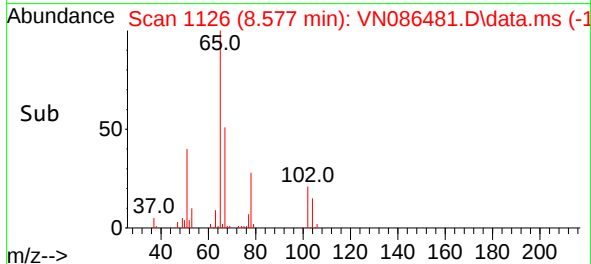
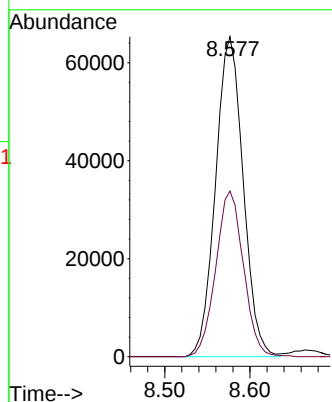
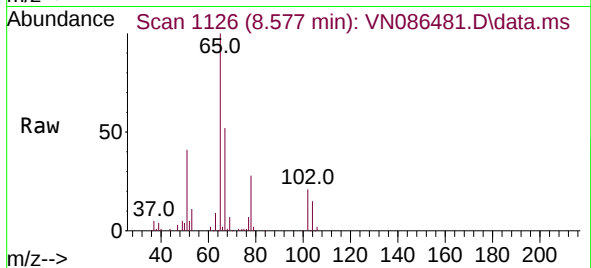
VN0505WBS01

Tgt Ion: 65 Resp: 147153

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

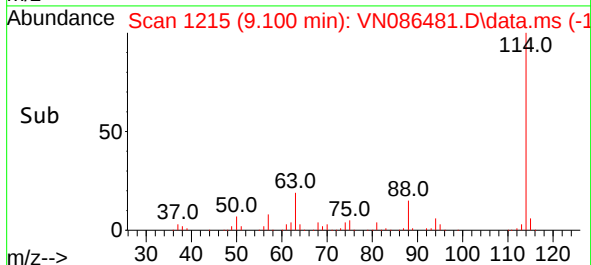
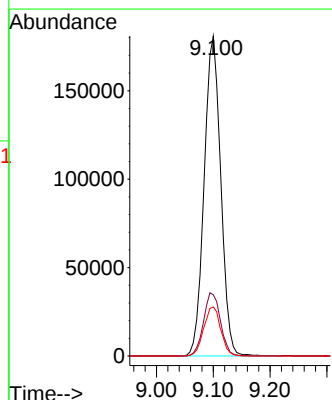
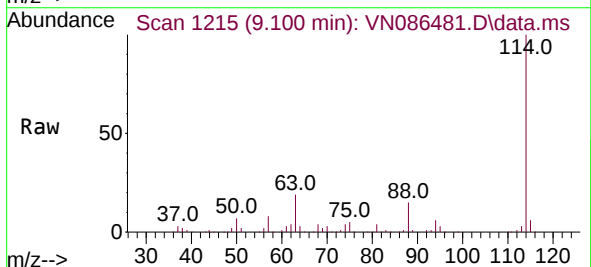
Tgt Ion: 114 Resp: 366604

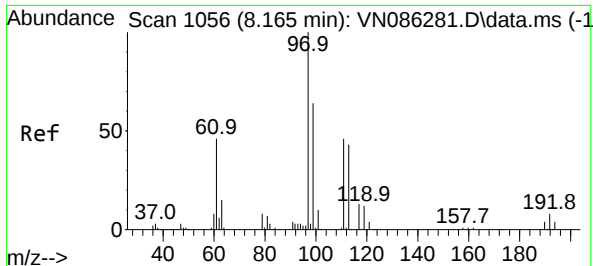
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

88 15.3 0.0 31.8

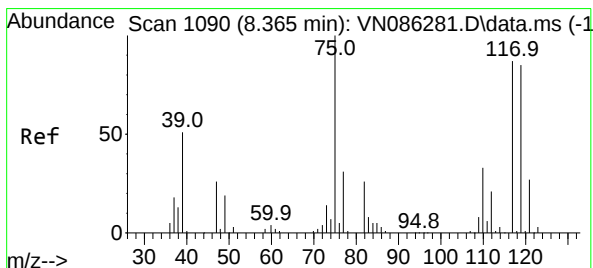
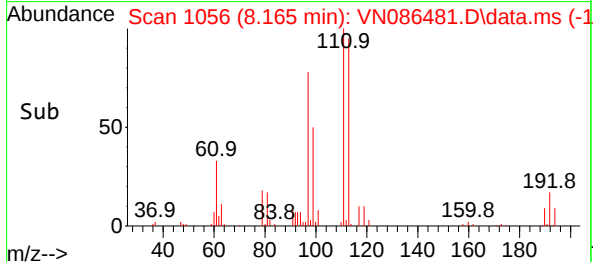
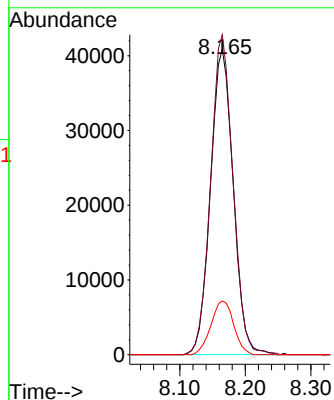
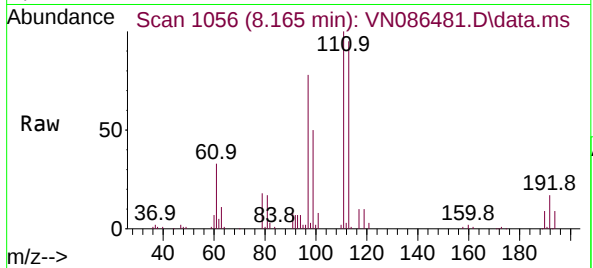




#35
Dibromofluoromethane
Concen: 57.808 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

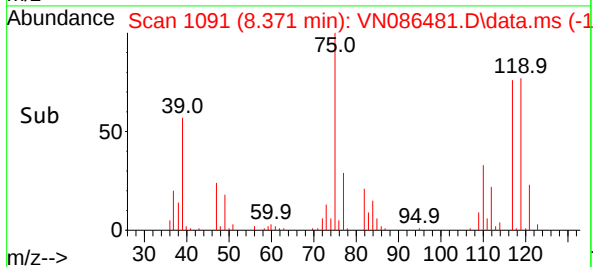
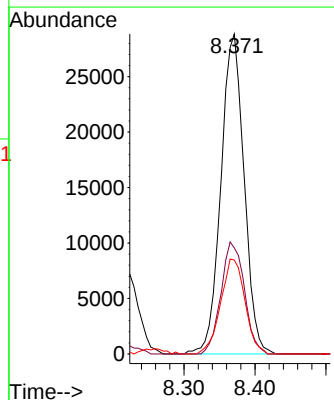
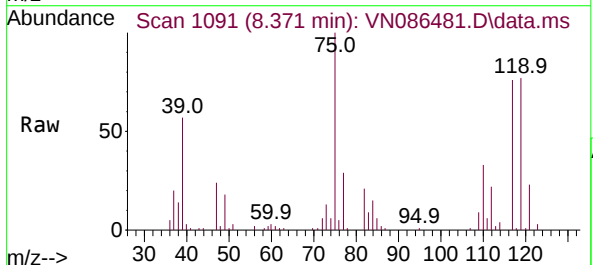
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

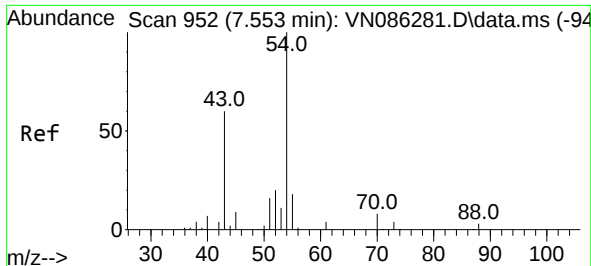
Tgt Ion:113 Resp: 98358
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 17.6 13.7 20.5



#36
1,1-Dichloropropene
Concen: 19.211 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 75 Resp: 65288
Ion Ratio Lower Upper
75 100
110 35.3 16.8 50.4
77 31.1 24.9 37.3





#37

Ethyl Acetate

Concen: 18.452 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

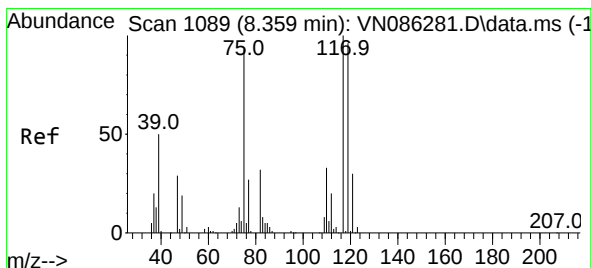
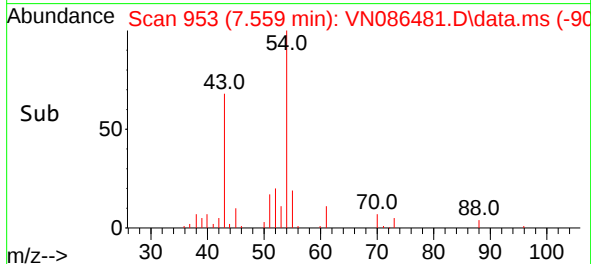
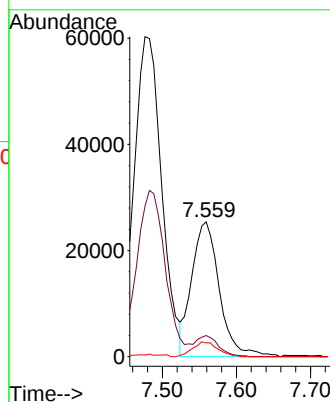
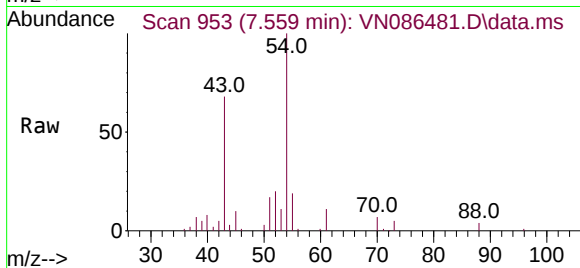
Tgt Ion: 43 Resp: 66017

Ion Ratio Lower Upper

43 100

61 12.0 11.1 16.7

70 9.9 9.2 13.8



#38

Carbon Tetrachloride

Concen: 20.607 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

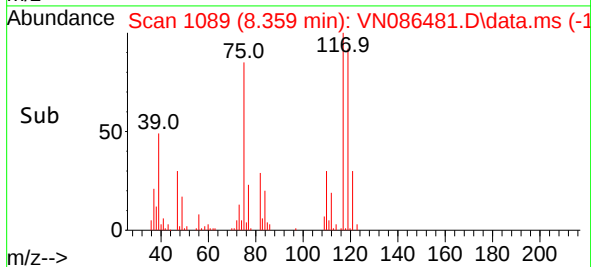
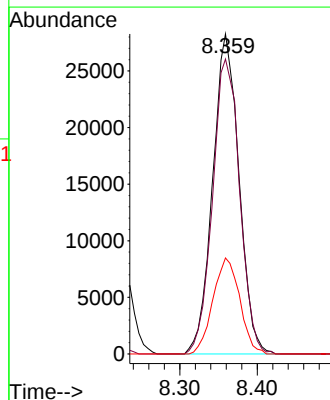
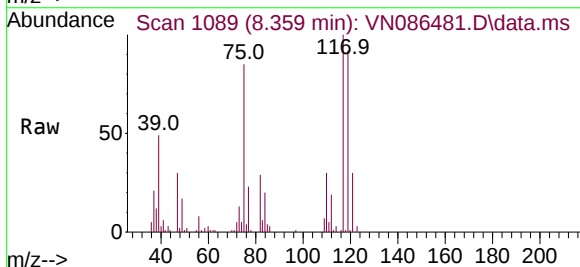
Tgt Ion: 117 Resp: 66692

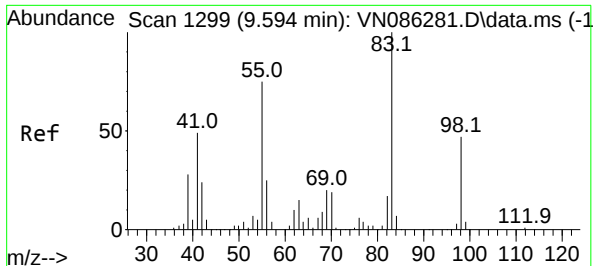
Ion Ratio Lower Upper

117 100

119 92.1 76.8 115.2

121 30.0 23.8 35.8





#39

Methylcyclohexane

Concen: 18.449 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

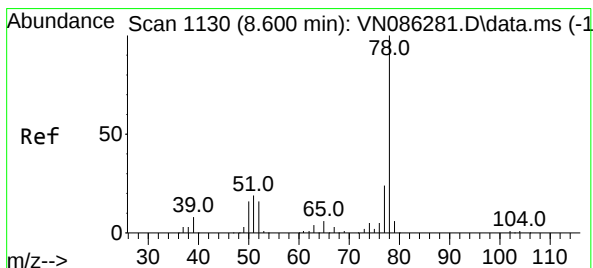
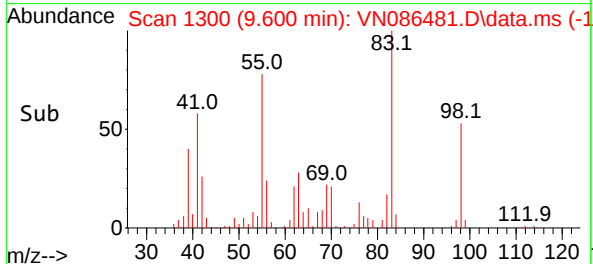
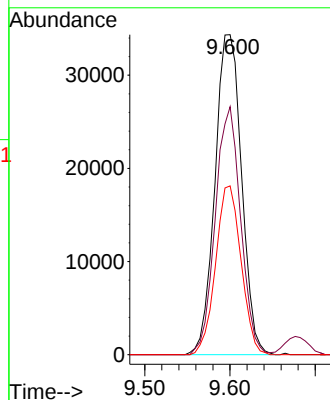
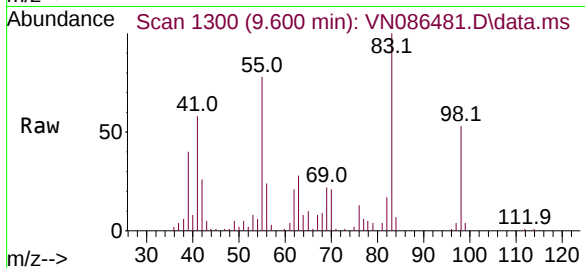
Tgt Ion: 83 Resp: 74520

Ion Ratio Lower Upper

83 100

55 77.5 59.8 89.8

98 52.7 37.9 56.9



#40

Benzene

Concen: 19.592 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086481.D

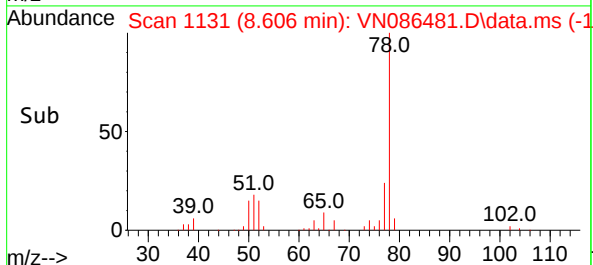
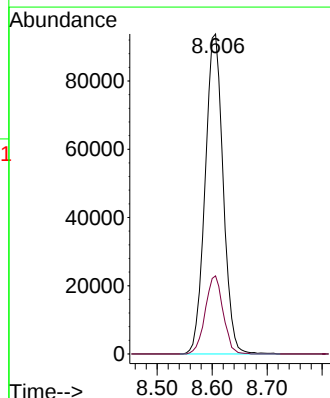
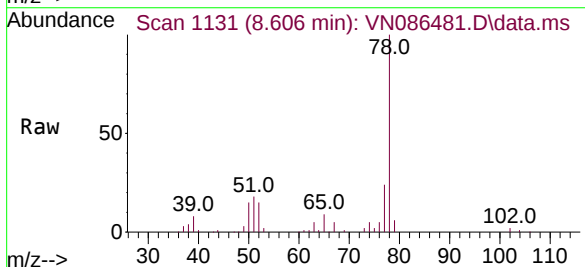
Acq: 05 May 2025 13:02

Tgt Ion: 78 Resp: 213326

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.2

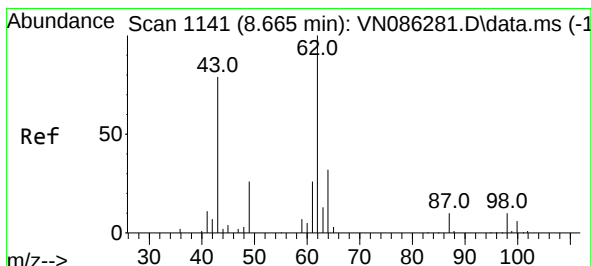
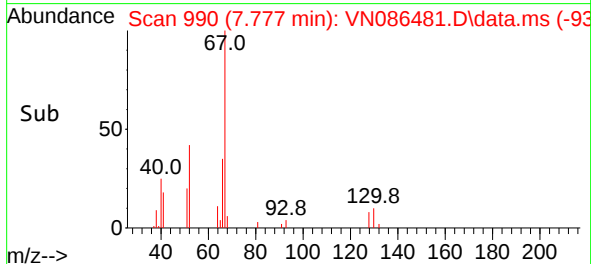
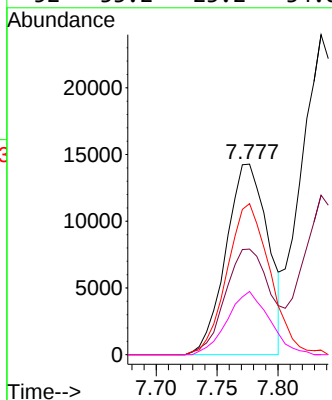
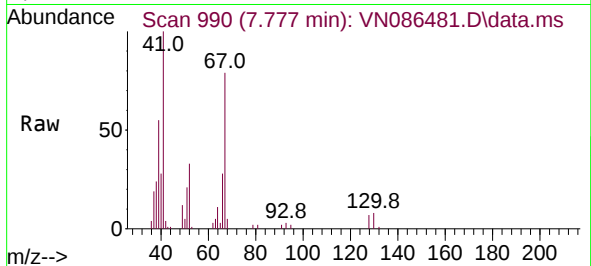




#41
Methacrylonitrile
Concen: 16.601 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

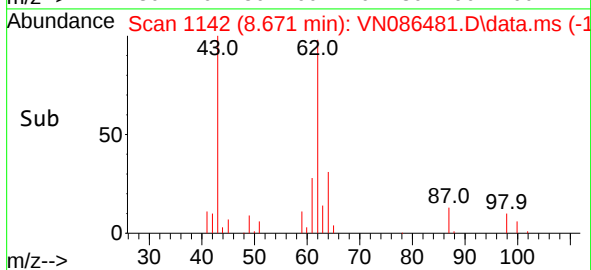
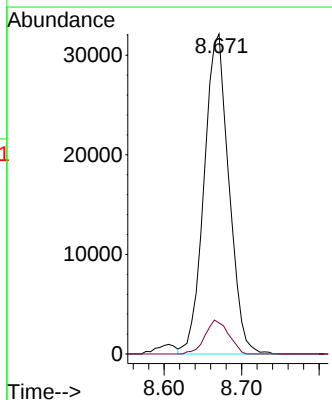
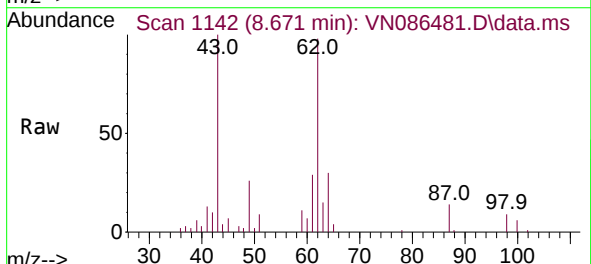
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

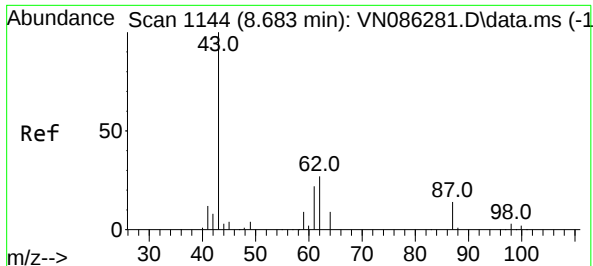
Tgt Ion:	41	Resp:	34423
Ion Ratio	Lower	Upper	
41	100		
39	61.2	43.0	64.4
67	80.8	58.8	88.2
52	33.2	23.2	34.8



#42
1,2-Dichloroethane
Concen: 20.565 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion:	62	Resp:	71406
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	19.2

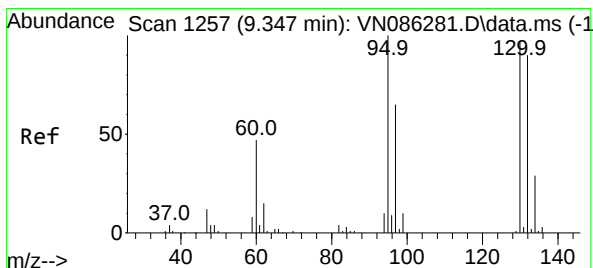
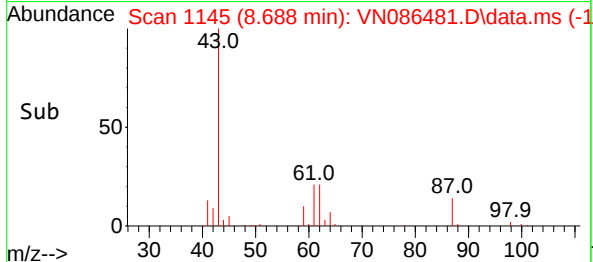
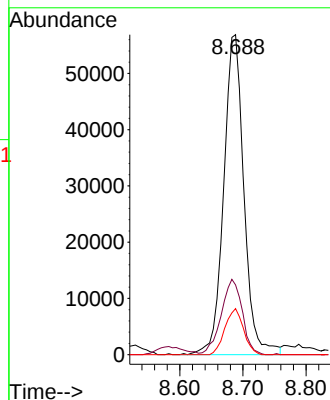
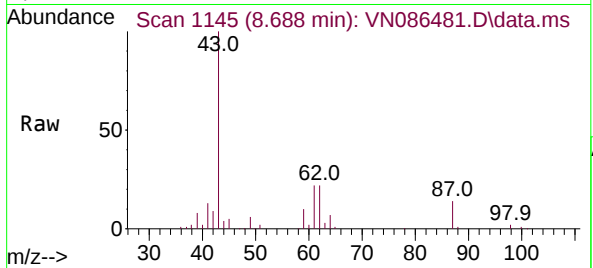




#43
Isopropyl Acetate
Concen: 18.324 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

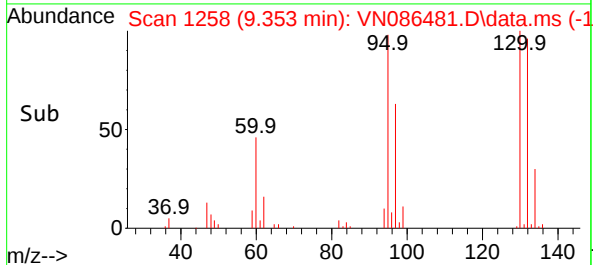
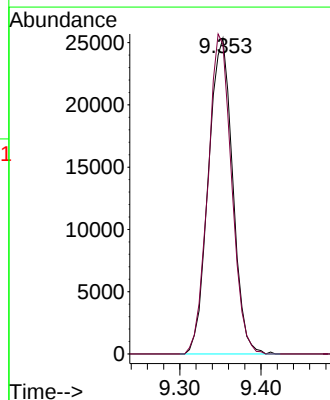
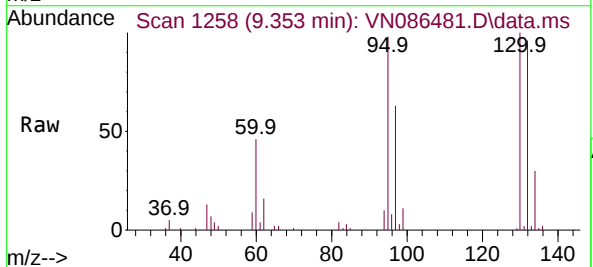
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion: 43 Resp: 126913
Ion Ratio Lower Upper
43 100
61 24.5 20.5 30.7
87 13.2 10.5 15.7



#44
Trichloroethene
Concen: 20.351 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 130 Resp: 52520
Ion Ratio Lower Upper
130 100
95 98.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 19.081 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

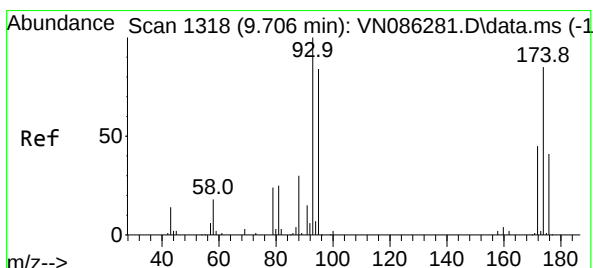
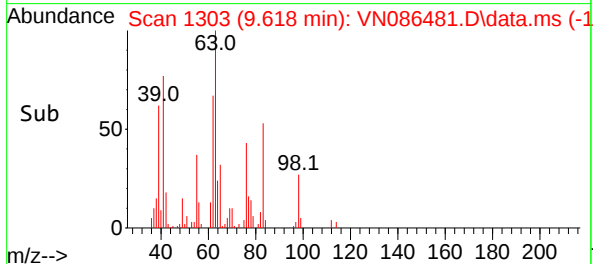
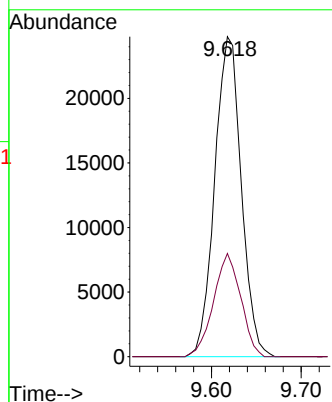
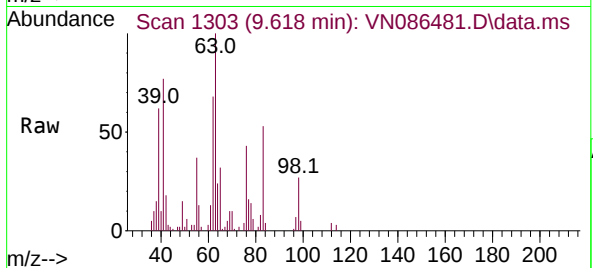
VN0505WBS01

Tgt Ion: 63 Resp: 50856

Ion Ratio Lower Upper

63 100

65 32.3 25.4 38.2



#46

Dibromomethane

Concen: 21.009 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

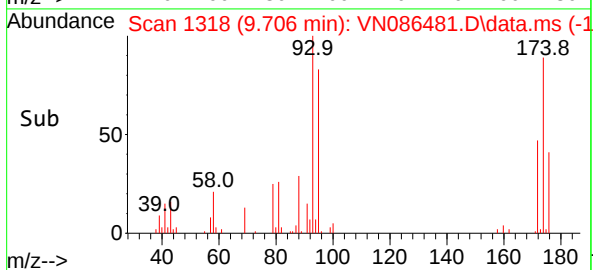
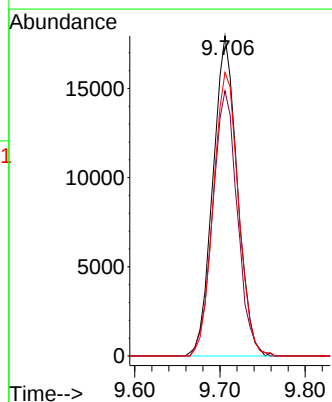
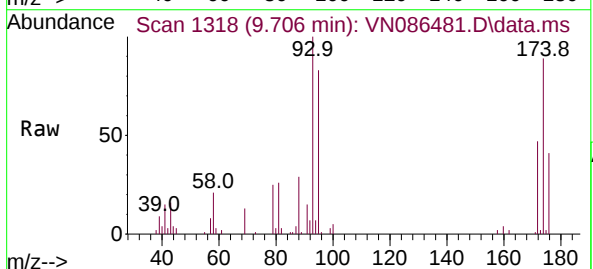
Tgt Ion: 93 Resp: 35677

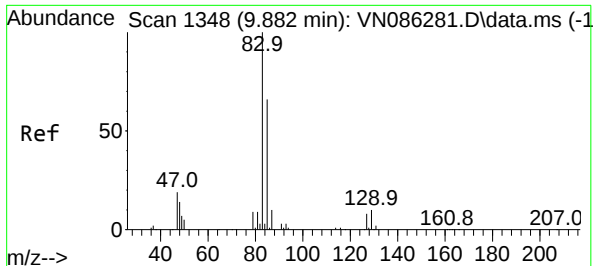
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 91.2 67.8 101.6

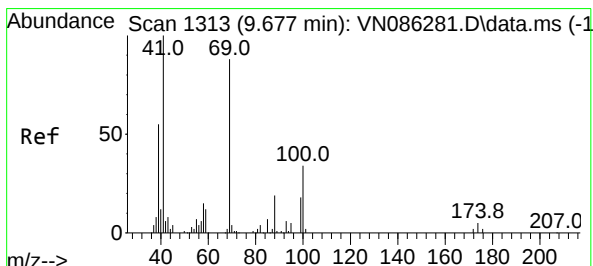
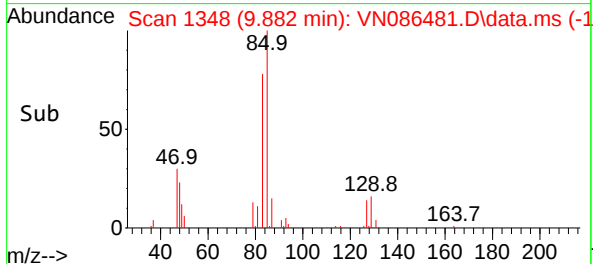
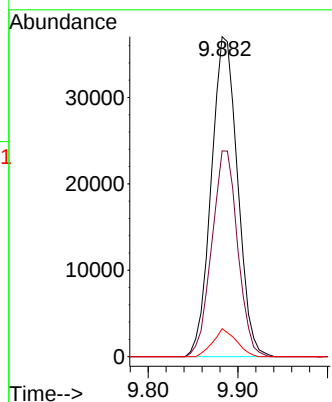
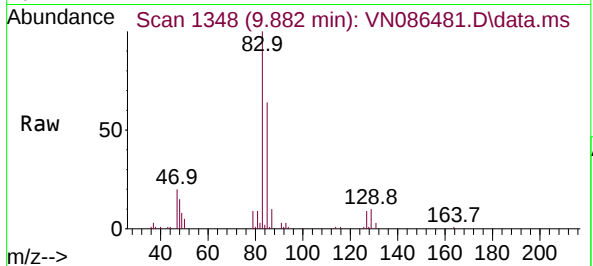




#47
Bromodichloromethane
Concen: 20.553 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

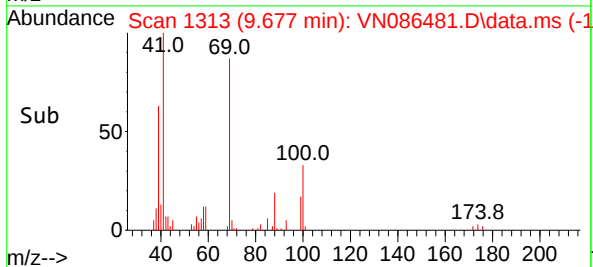
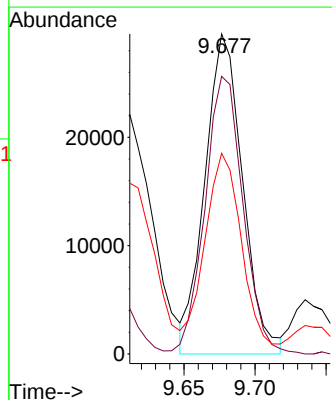
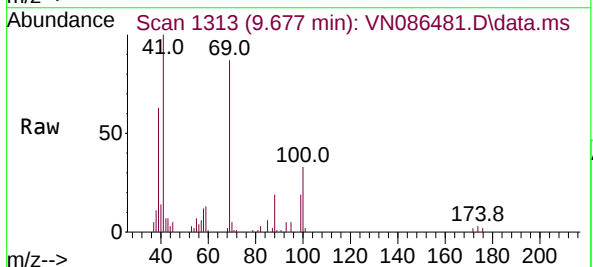
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

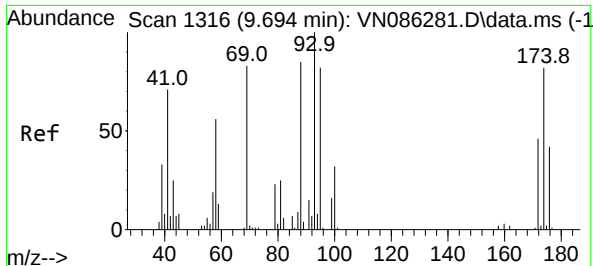
Tgt Ion: 83 Resp: 75382
Ion Ratio Lower Upper
83 100
85 64.3 52.6 78.8
127 8.8 6.1 9.1



#48
Methyl methacrylate
Concen: 17.374 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 41 Resp: 54587
Ion Ratio Lower Upper
41 100
69 87.8 68.2 102.2
39 62.5 45.2 67.8





#49

1,4-Dioxane

Concen: 396.625 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

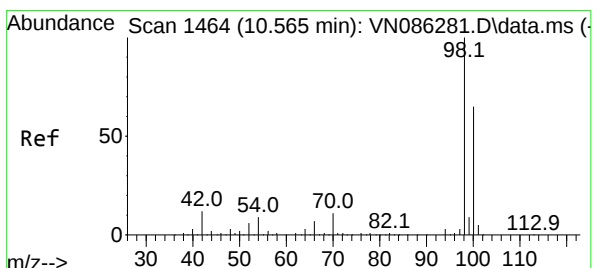
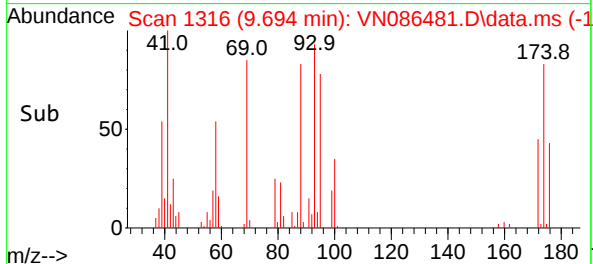
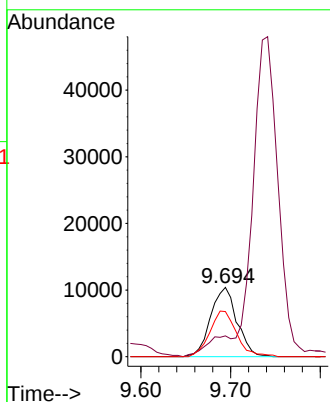
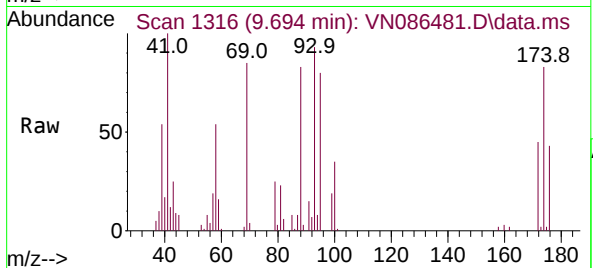
Tgt Ion: 88 Resp: 21197

Ion Ratio Lower Upper

88 100

43 28.4 23.8 35.8

58 67.0 57.4 86.2



#50

Toluene-d8

Concen: 51.369 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086481.D

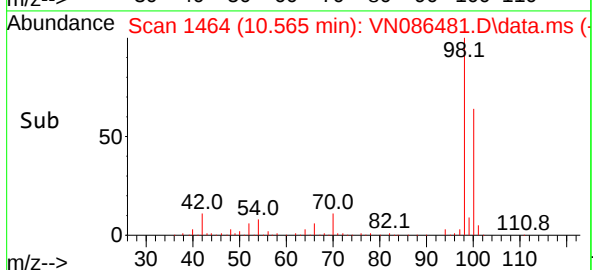
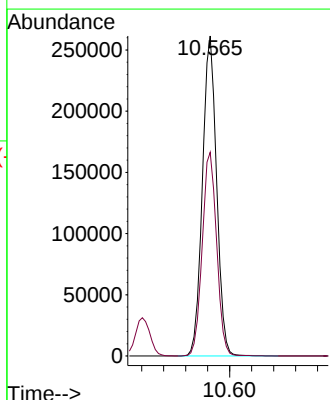
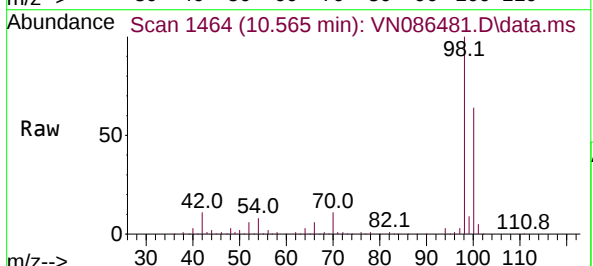
Acq: 05 May 2025 13:02

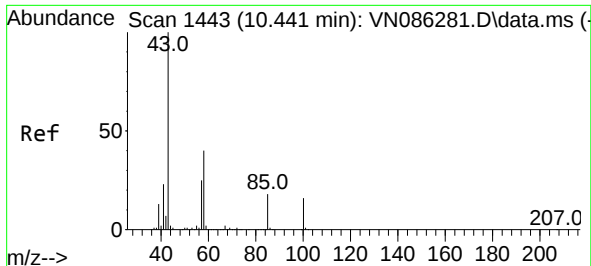
Tgt Ion: 98 Resp: 467119

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7

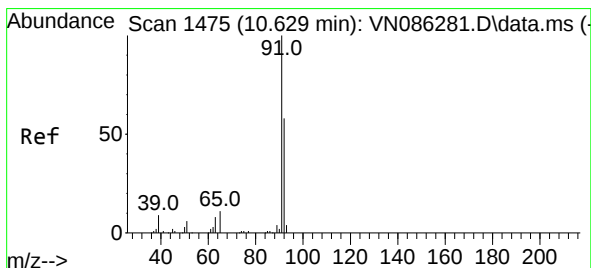
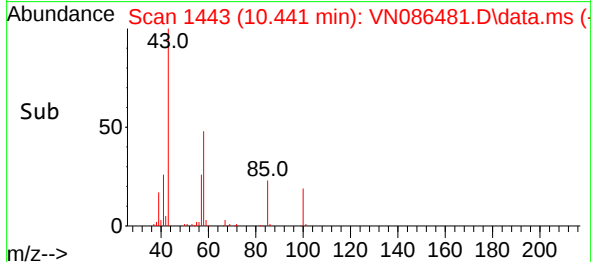
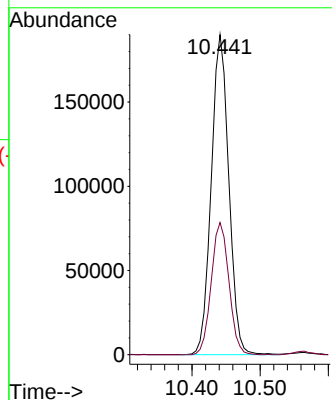
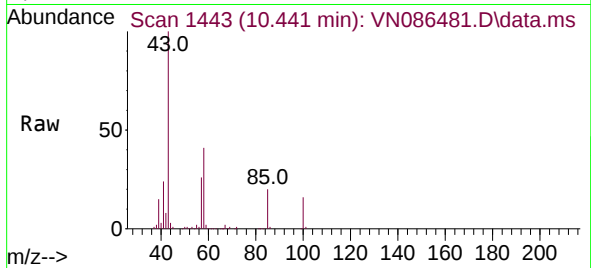




#51
4-Methyl-2-Pentanone
Concen: 93.047 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

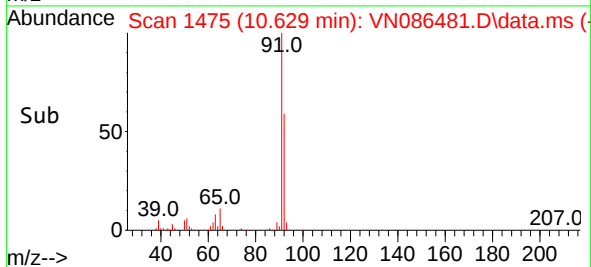
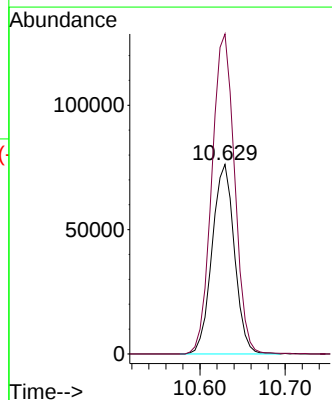
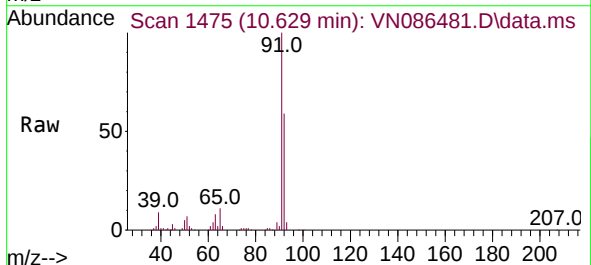
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

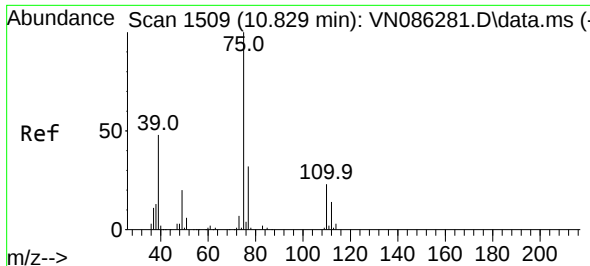
Tgt Ion: 43 Resp: 340895
Ion Ratio Lower Upper
43 100
58 41.5 32.2 48.4



#52
Toluene
Concen: 20.408 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 92 Resp: 138652
Ion Ratio Lower Upper
92 100
91 172.3 137.3 205.9

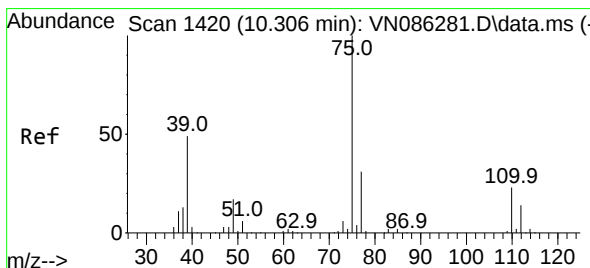
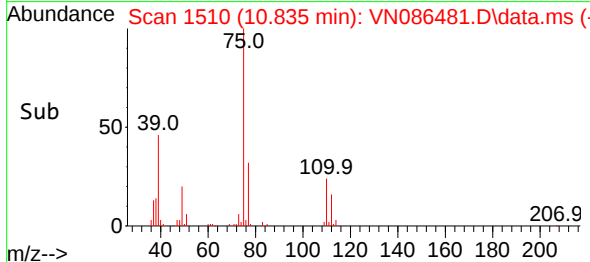
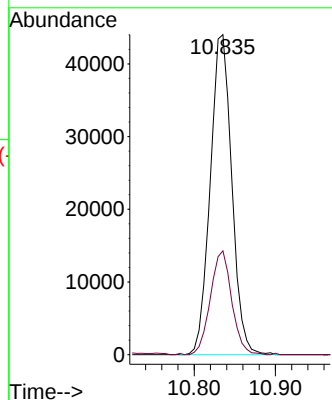
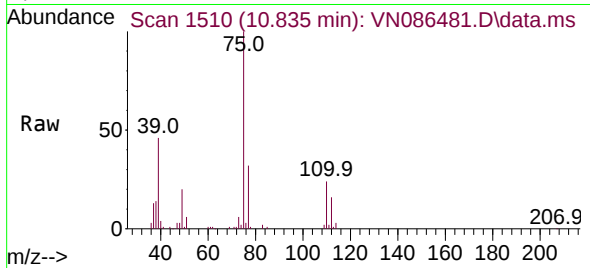




#53
 t-1,3-Dichloropropene
 Concen: 19.821 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

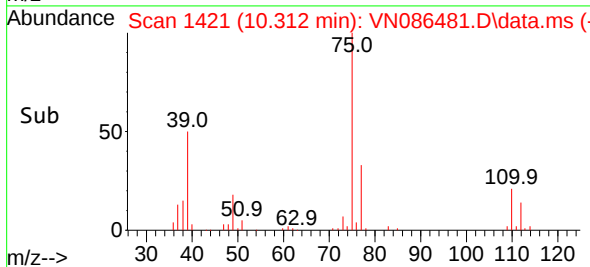
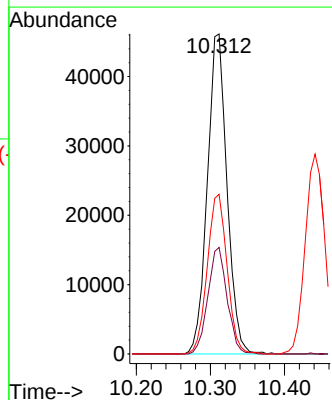
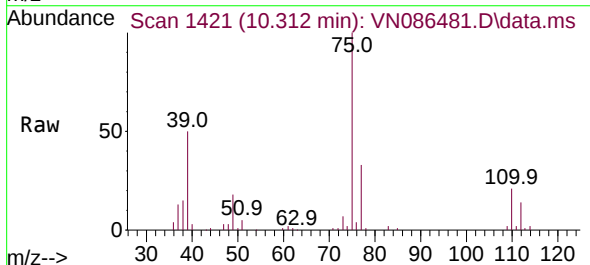
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

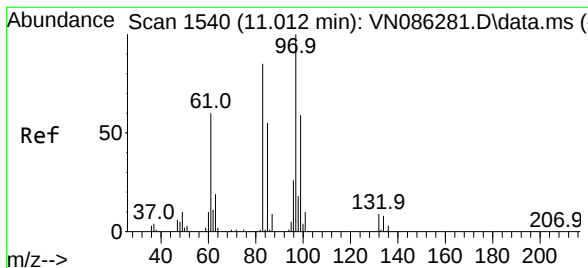
Tgt Ion: 75 Resp: 81152
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.934 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

Tgt Ion: 75 Resp: 85142
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.2 37.8
 39 49.9 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 20.900 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

Tgt Ion: 97 Resp: 51087

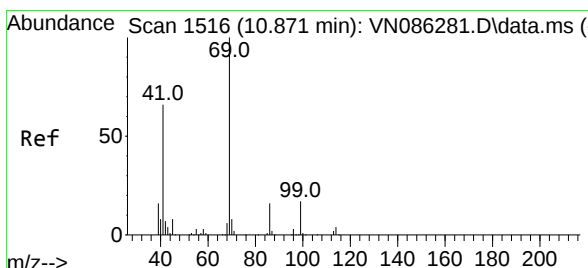
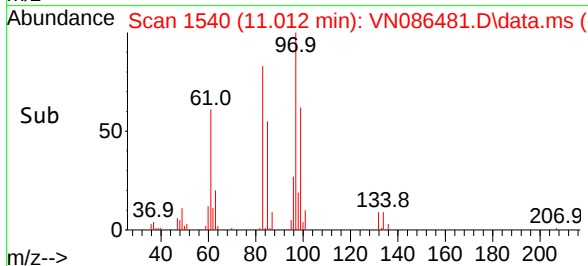
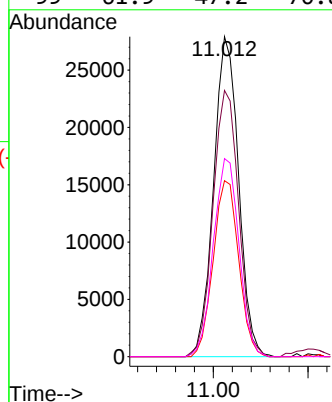
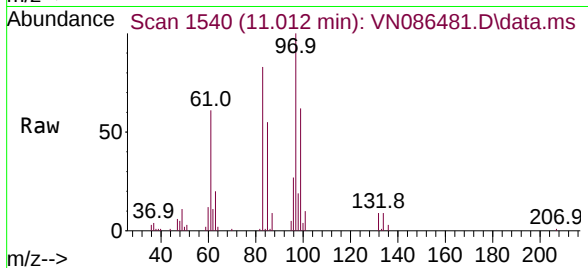
Ion Ratio Lower Upper

97 100

83 83.2 68.4 102.6

85 55.0 43.9 65.9

99 61.9 47.2 70.8



#56

Ethyl methacrylate

Concen: 19.100 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

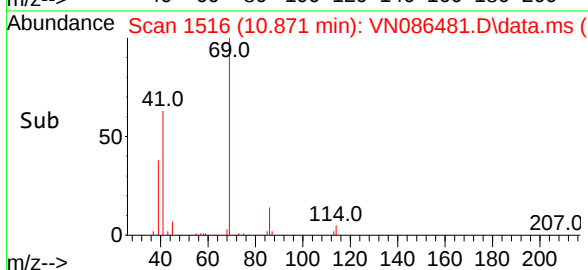
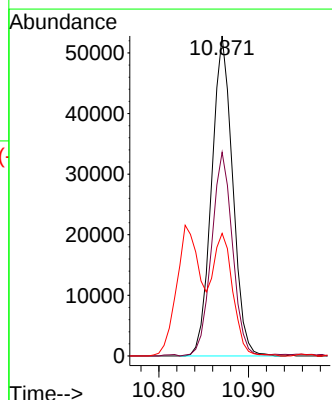
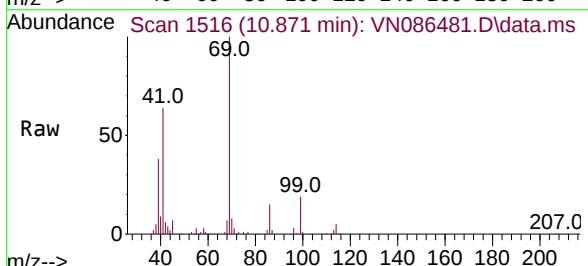
Tgt Ion: 69 Resp: 85820

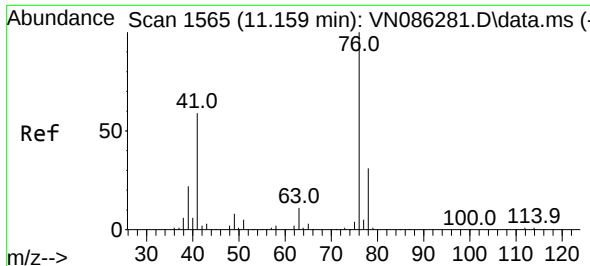
Ion Ratio Lower Upper

69 100

41 63.5 51.7 77.5

39 36.7 26.3 39.5





#57

1,3-Dichloropropane

Concen: 20.406 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

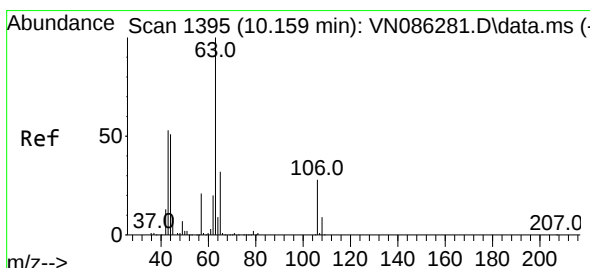
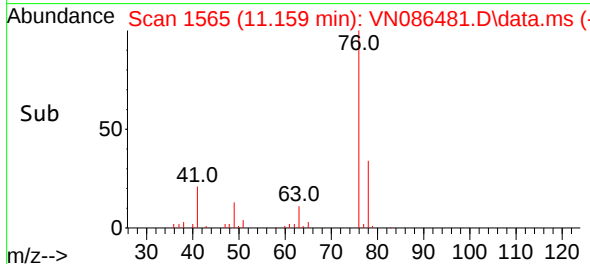
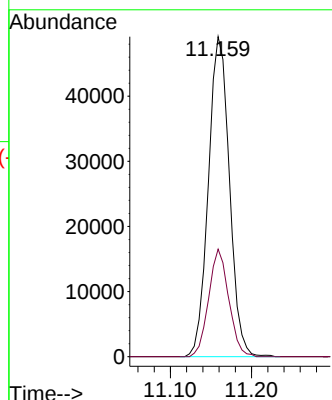
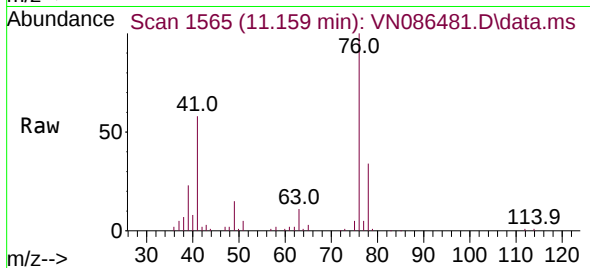
VN0505WBS01

Tgt Ion: 76 Resp: 88498

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 82.241 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086481.D

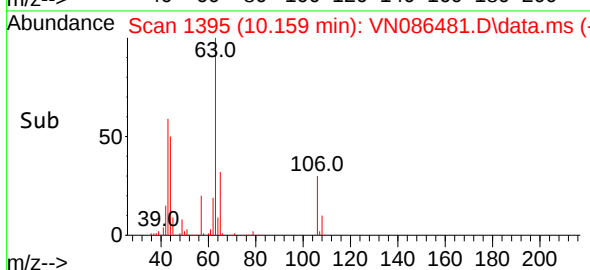
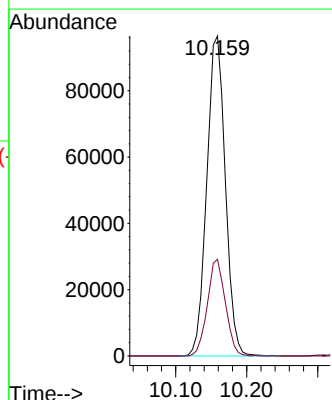
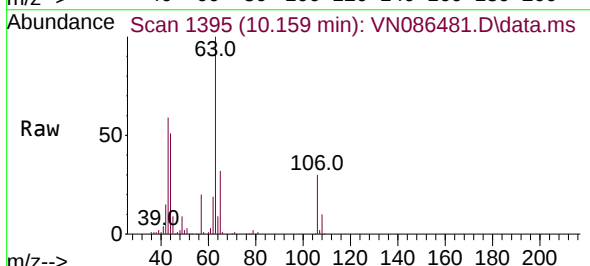
Acq: 05 May 2025 13:02

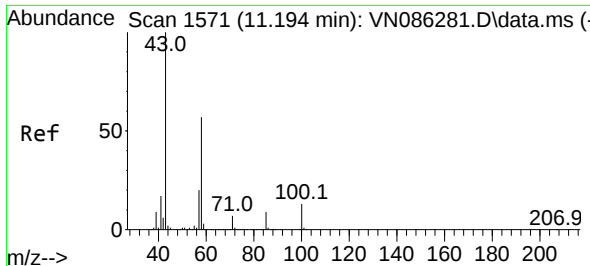
Tgt Ion: 63 Resp: 175389

Ion Ratio Lower Upper

63 100

106 29.3 22.2 33.2

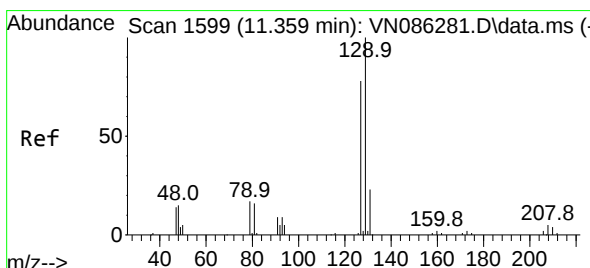
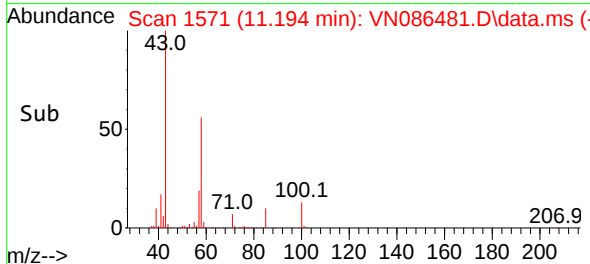
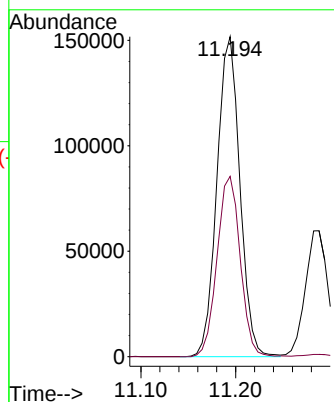
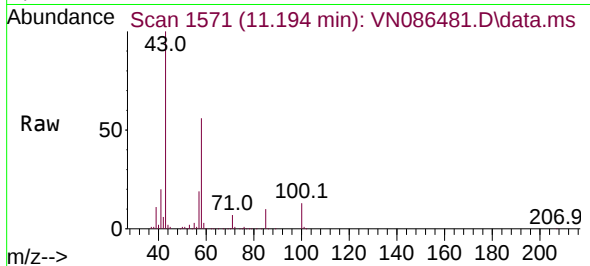




#59
2-Hexanone
Concen: 94.059 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

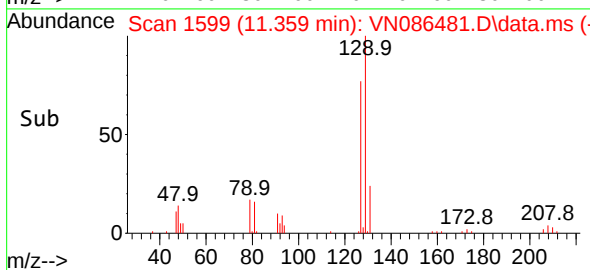
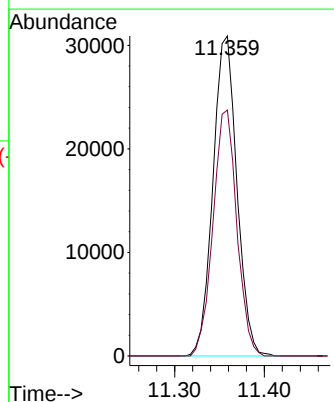
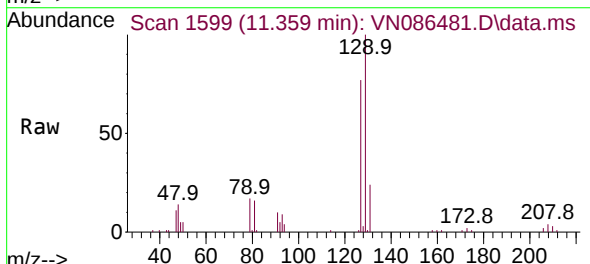
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

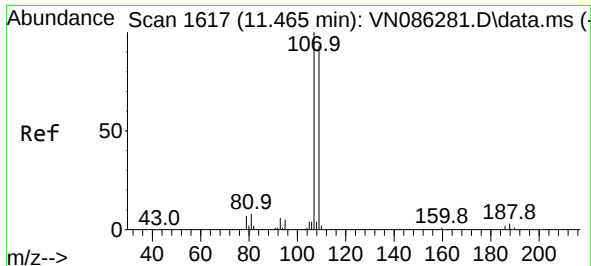
Tgt Ion: 43 Resp: 255604
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0



#60
Dibromochloromethane
Concen: 21.346 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 129 Resp: 57296
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1

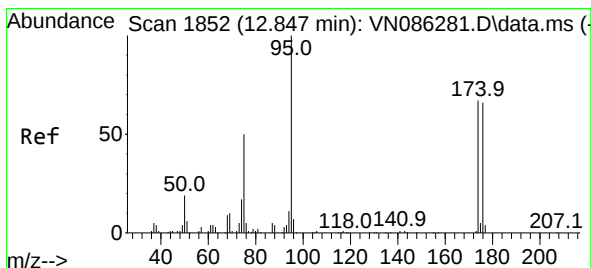
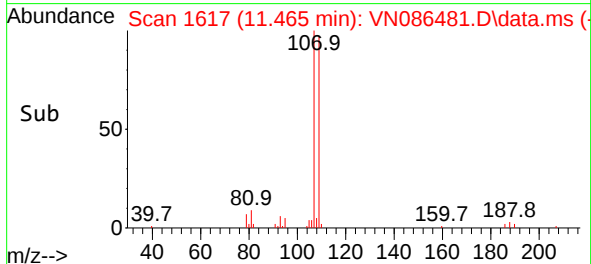
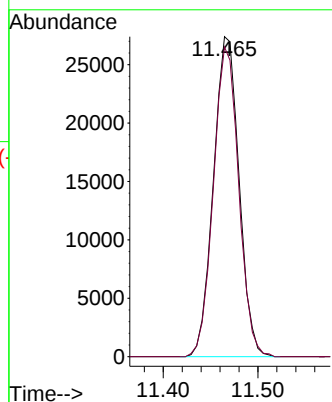
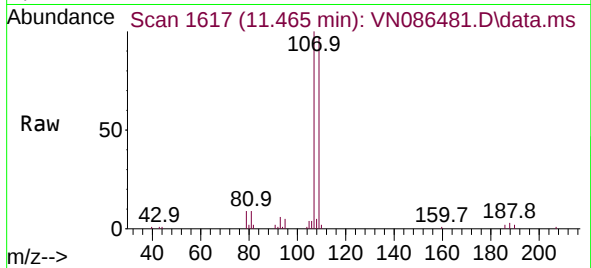




#61
1,2-Dibromoethane
Concen: 20.862 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

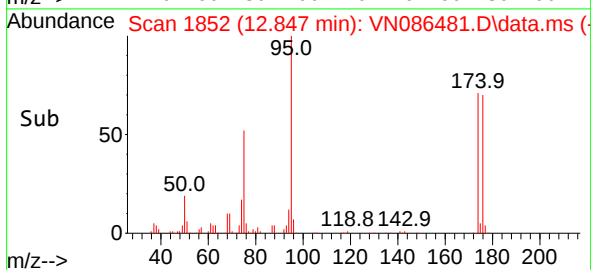
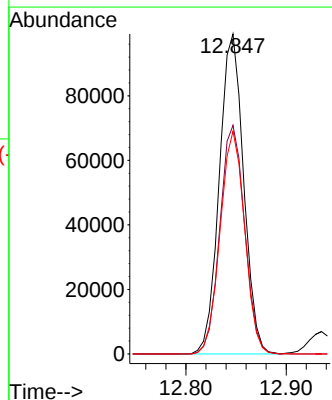
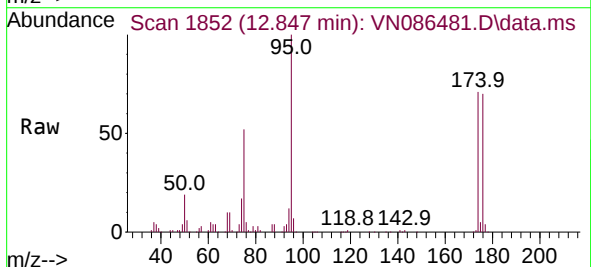
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

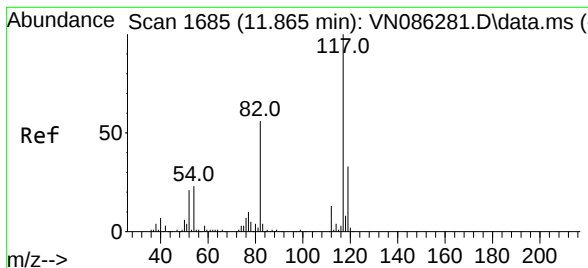
Tgt Ion:107 Resp: 51455
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 50.152 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 95 Resp: 166342
Ion Ratio Lower Upper
95 100
174 72.6 0.0 133.4
176 70.0 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

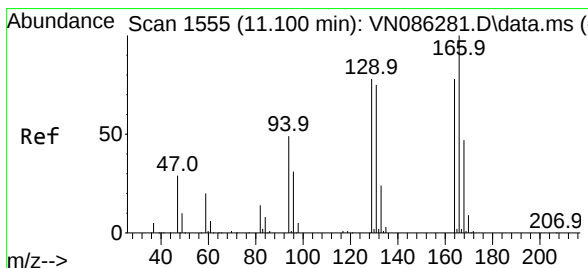
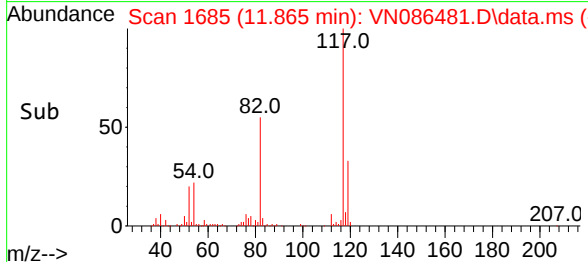
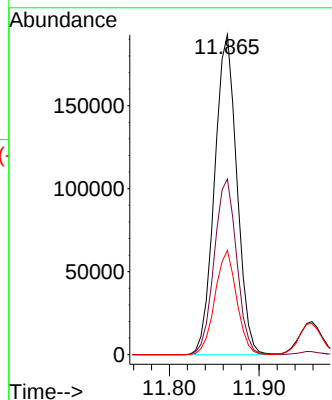
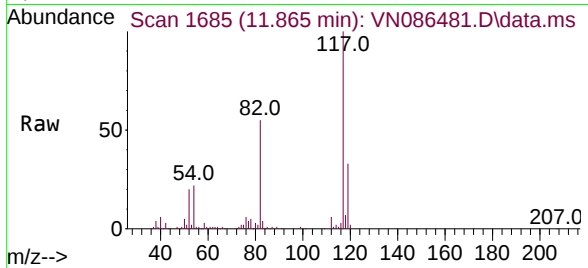
Tgt Ion:117 Resp: 333505

Ion Ratio Lower Upper

117 100

82 54.9 44.7 67.1

119 32.6 26.4 39.6



#64

Tetrachloroethene

Concen: 19.975 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Tgt Ion:164 Resp: 51243

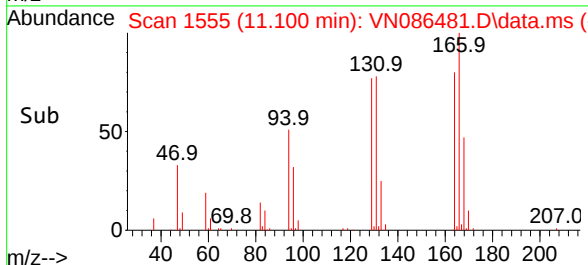
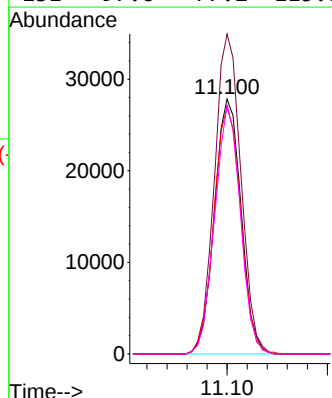
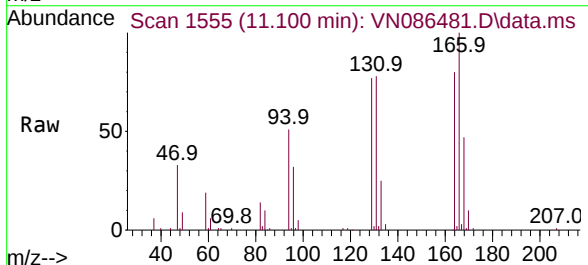
Ion Ratio Lower Upper

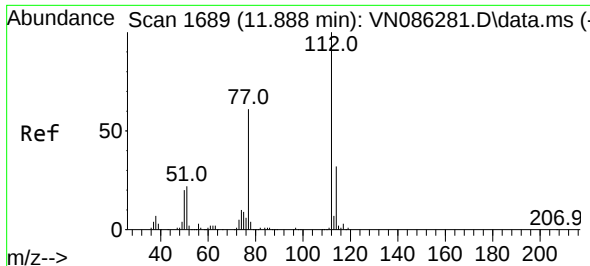
164 100

166 125.5 103.0 154.4

129 97.0 80.1 120.1

131 97.6 77.2 115.8

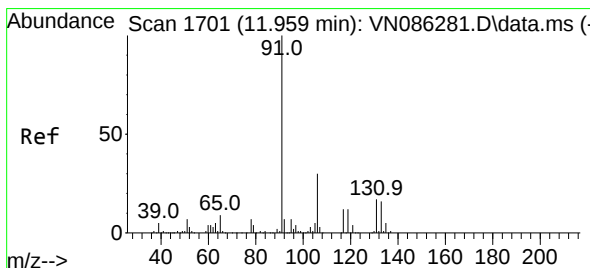
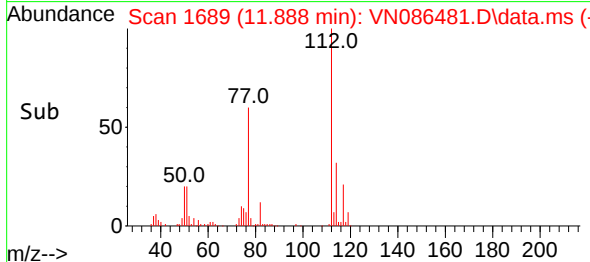
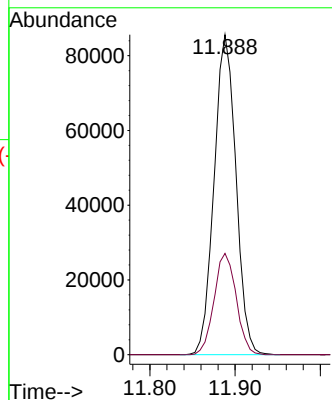
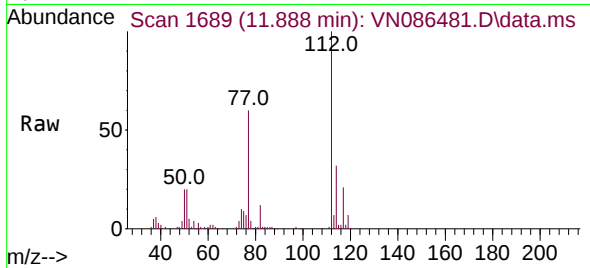




#65
Chlorobenzene
Concen: 20.502 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

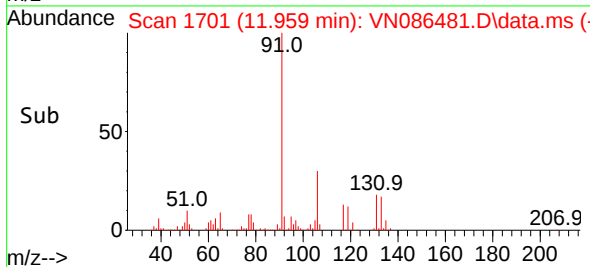
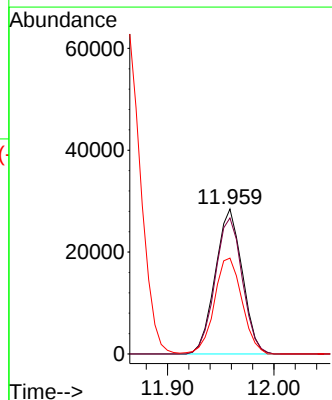
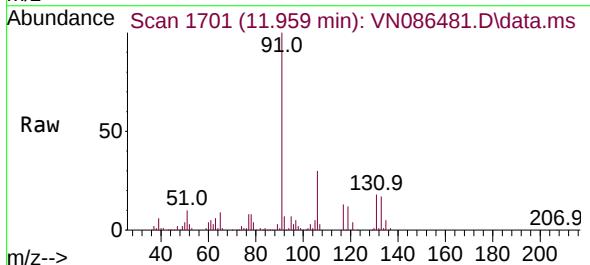
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

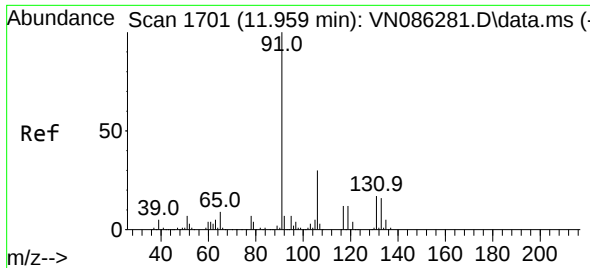
Tgt Ion:112 Resp: 152591
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.404 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion:131 Resp: 50098
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.3
119 67.8 33.8 101.4

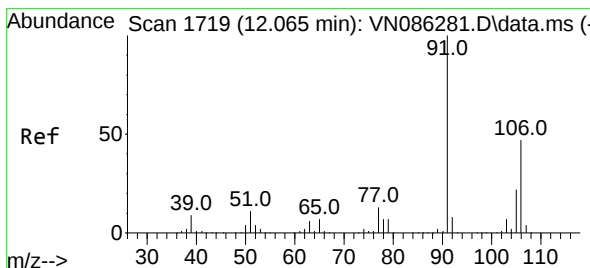
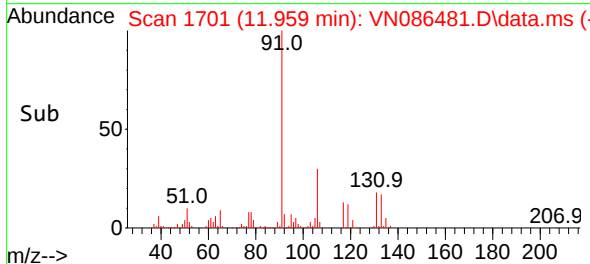
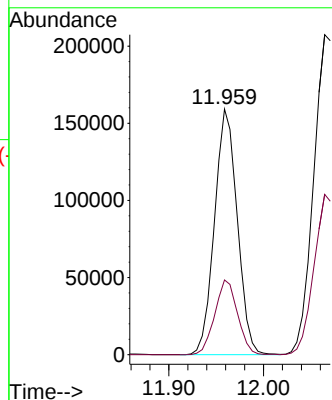
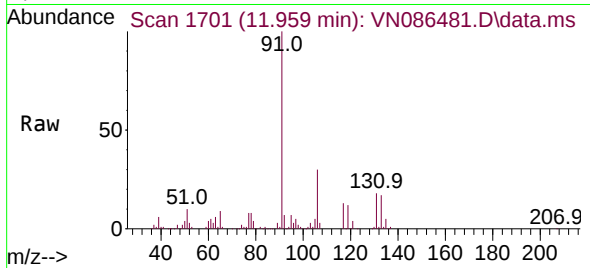




#67
Ethyl Benzene
Concen: 19.800 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

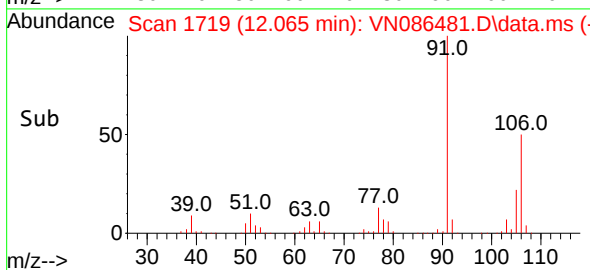
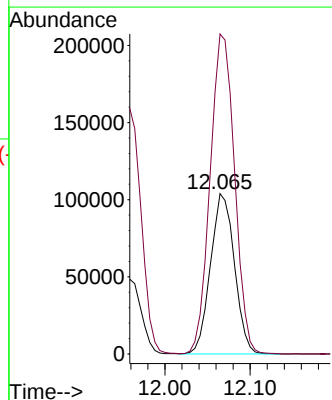
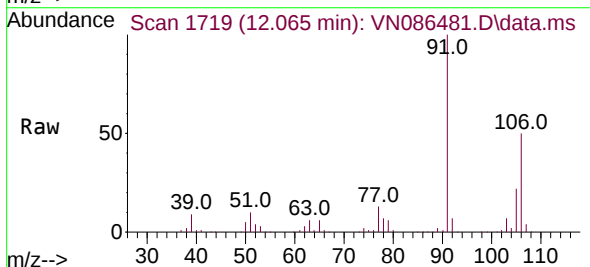
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

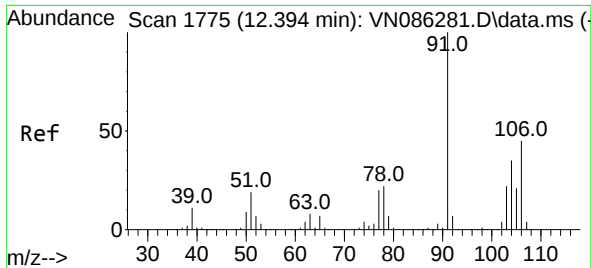
Tgt Ion: 91 Resp: 265929
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 40.289 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion:106 Resp: 202748
Ion Ratio Lower Upper
106 100
91 204.0 166.5 249.7

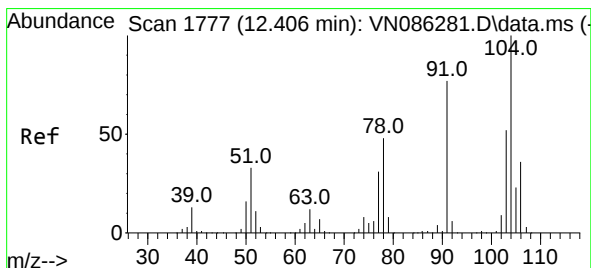
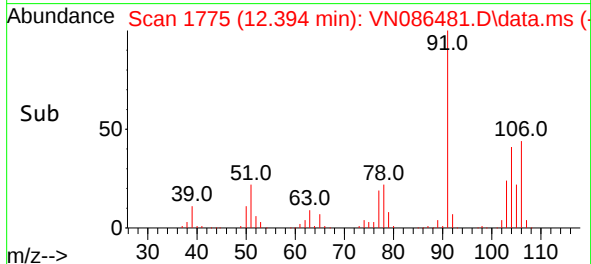
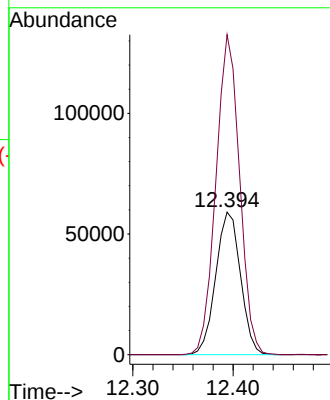
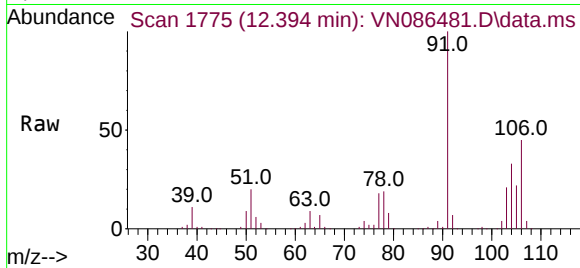




#69
o-Xylene
Concen: 20.337 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

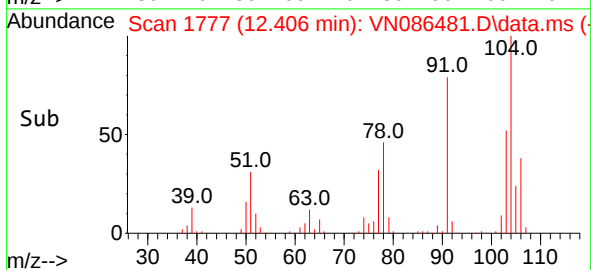
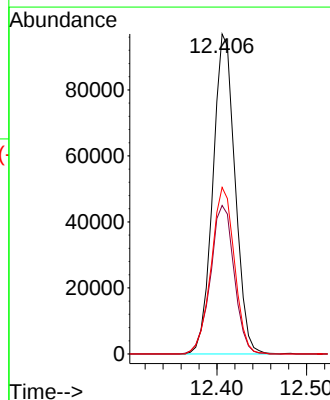
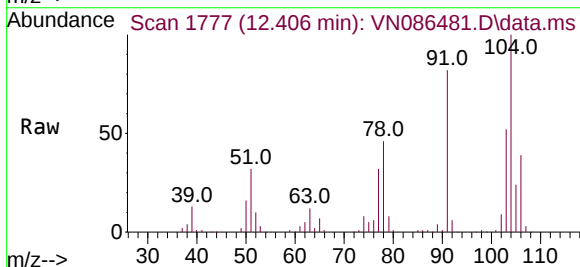
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

Tgt Ion:106 Resp: 101213
Ion Ratio Lower Upper
106 100
91 215.0 109.7 329.0



#70
Styrene
Concen: 20.041 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion:104 Resp: 166189
Ion Ratio Lower Upper
104 100
78 49.6 40.6 61.0
103 54.5 43.6 65.4

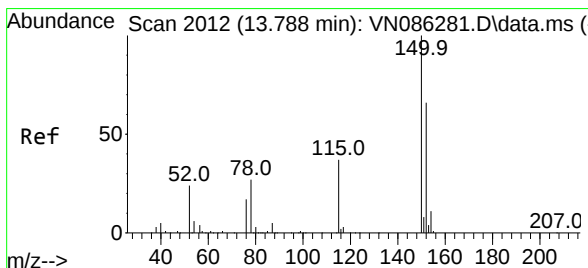
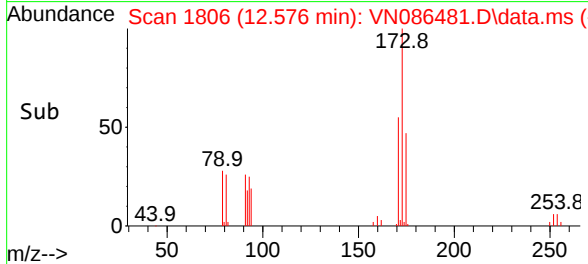
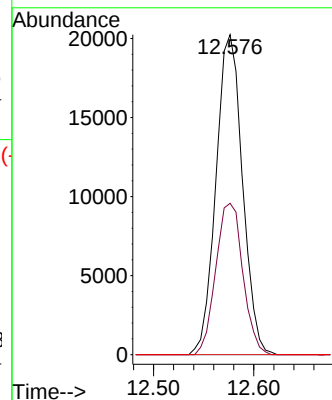
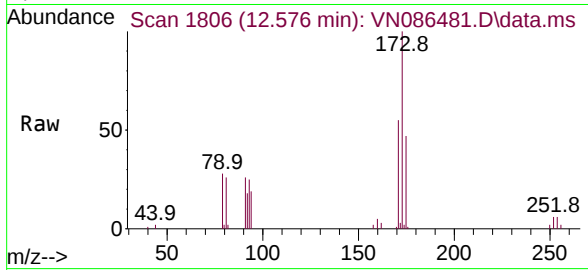




#71
Bromoform
Concen: 20.076 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

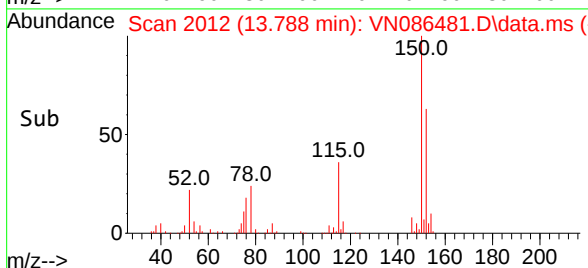
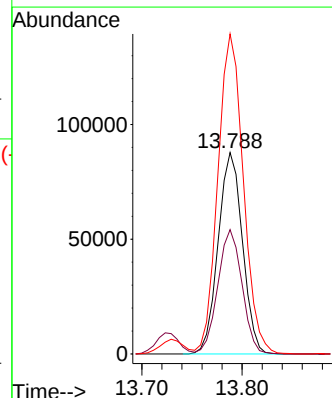
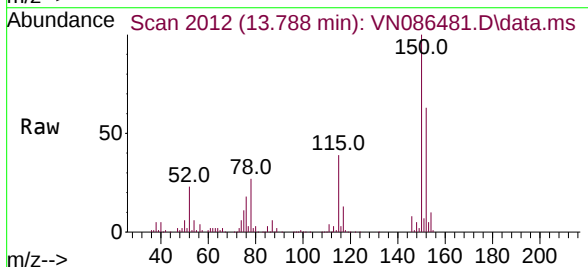
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

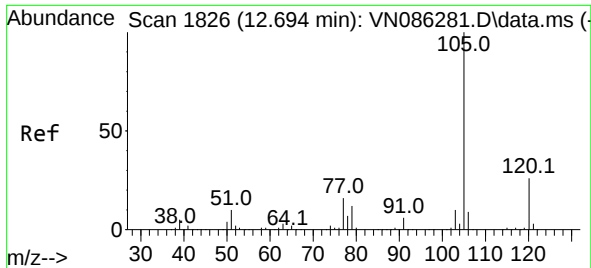
Tgt Ion:173 Resp: 37113
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion:152 Resp: 147574
Ion Ratio Lower Upper
152 100
115 61.3 31.9 95.9
150 166.5 0.0 352.0

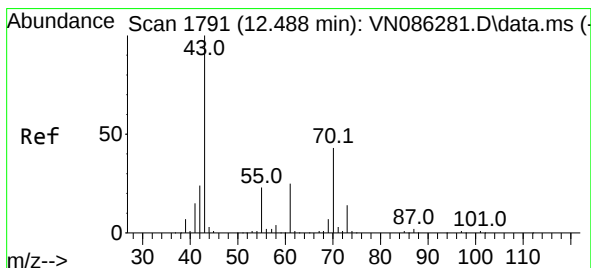
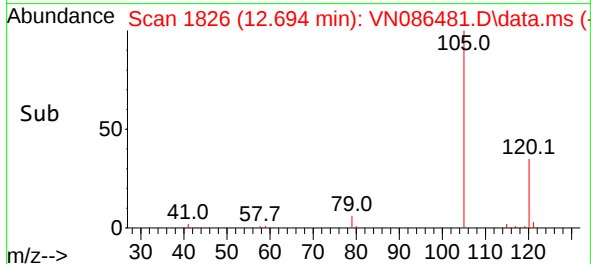
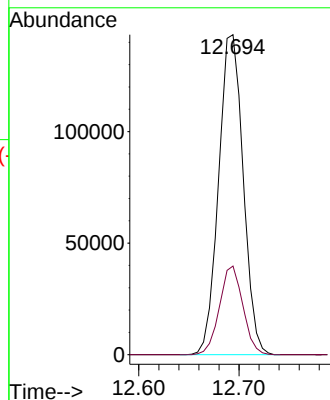
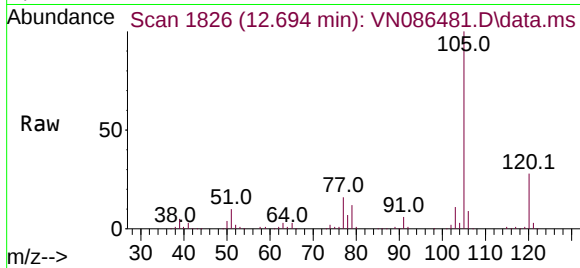




#73
Isopropylbenzene
Concen: 20.198 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

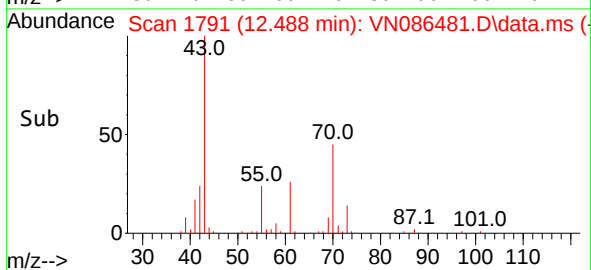
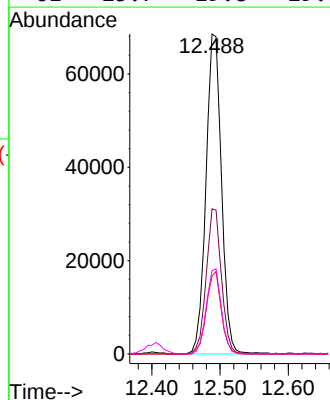
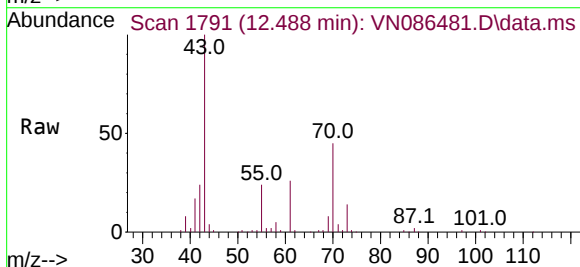
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

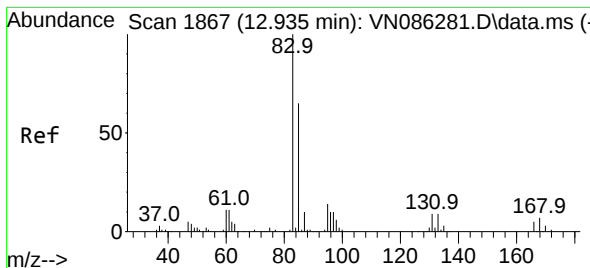
Tgt Ion:105 Resp: 243827
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 18.085 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 43 Resp: 108683
Ion Ratio Lower Upper
43 100
70 44.3 35.0 52.4
55 24.7 19.0 28.4
61 25.7 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.220 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

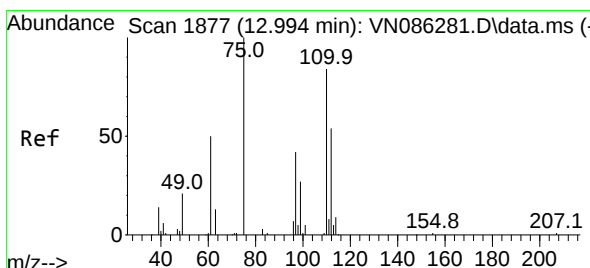
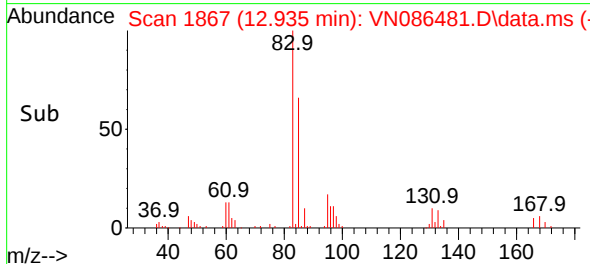
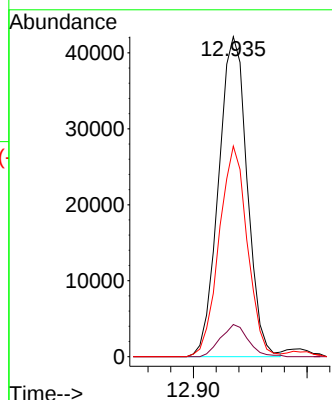
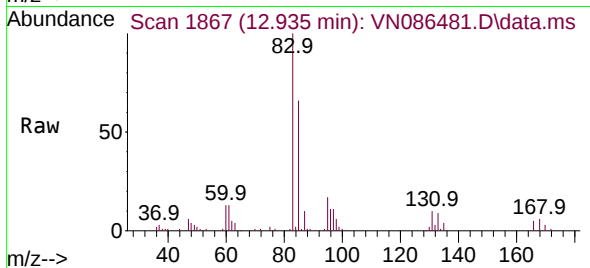
Tgt Ion: 83 Resp: 73655

Ion Ratio Lower Upper

83 100

131 9.8 4.7 14.1

85 65.0 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 28.111 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN086481.D

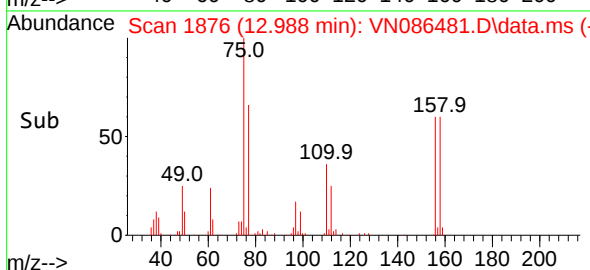
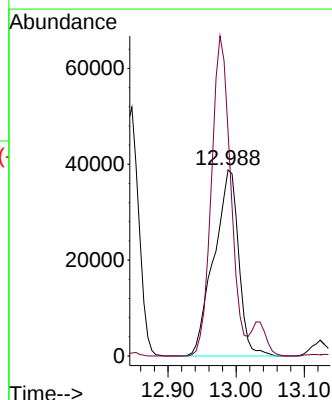
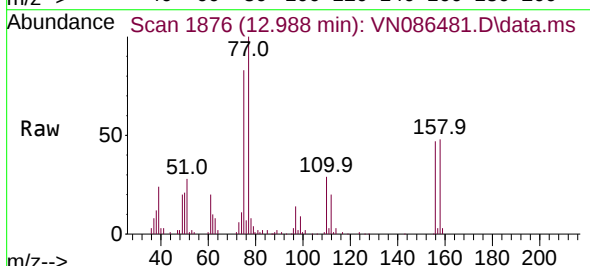
Acq: 05 May 2025 13:02

Tgt Ion: 75 Resp: 97897

Ion Ratio Lower Upper

75 100

77 134.6 98.8 296.4

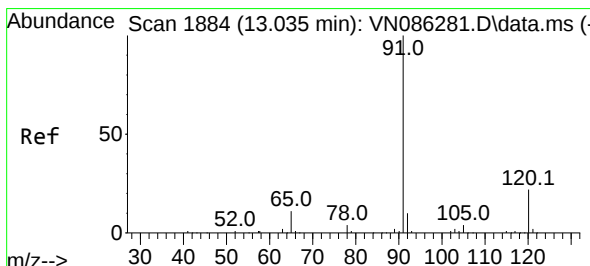
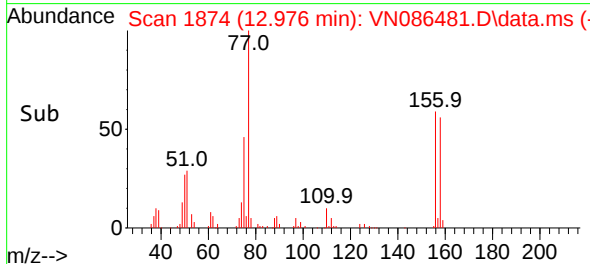
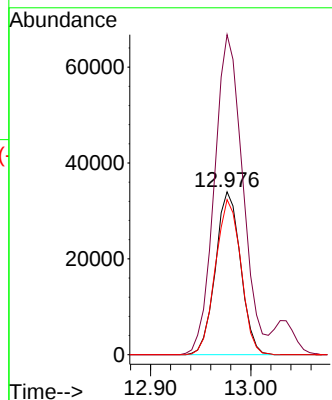
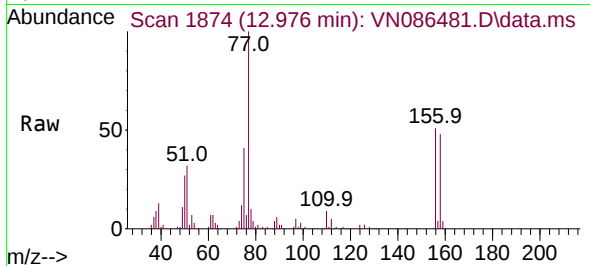




#77
Bromobenzene
Concen: 22.098 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

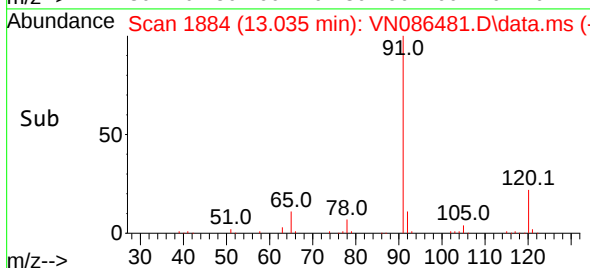
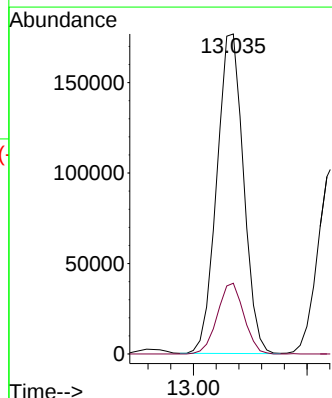
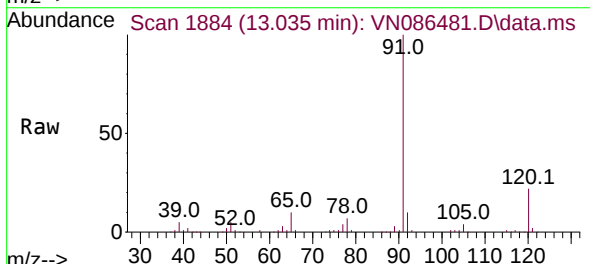
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

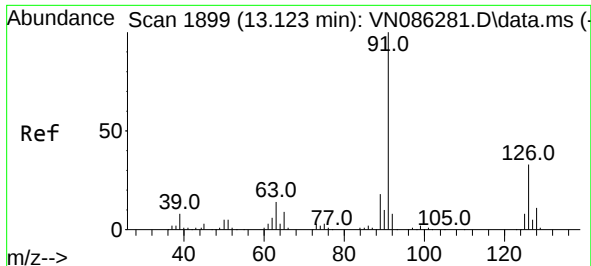
Tgt Ion:156 Resp: 59108
Ion Ratio Lower Upper
156 100
77 222.9 121.1 363.1
158 96.4 47.9 143.6



#78
n-propylbenzene
Concen: 20.277 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 91 Resp: 288441
Ion Ratio Lower Upper
91 100
120 21.9 11.1 33.3

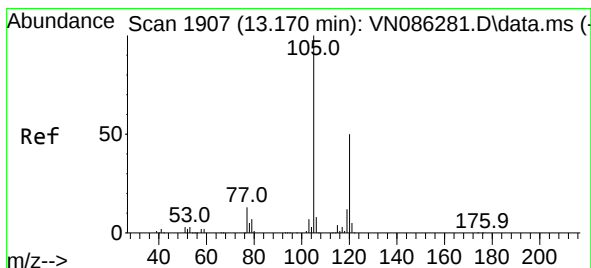
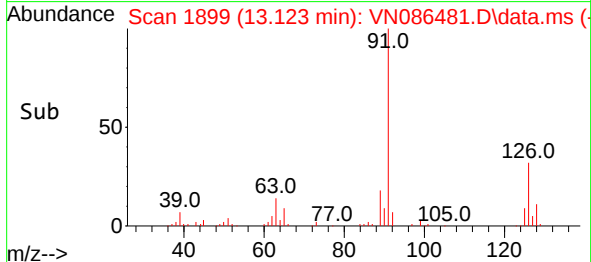
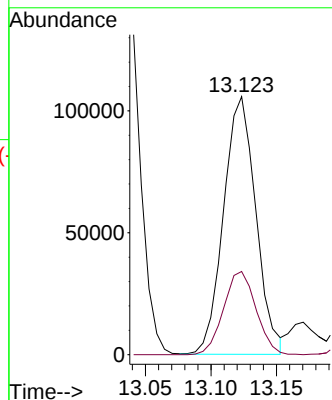
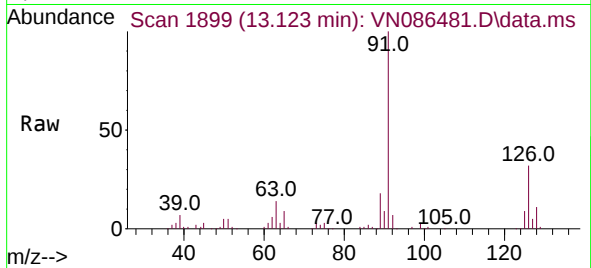




#79
2-Chlorotoluene
Concen: 20.343 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

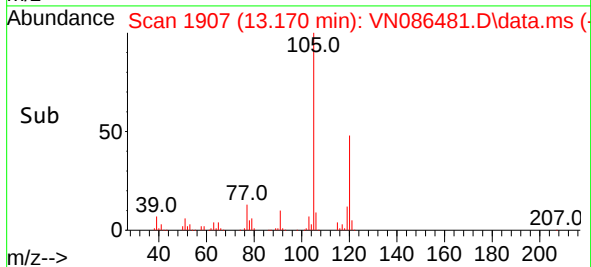
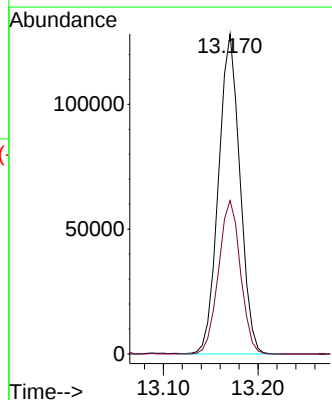
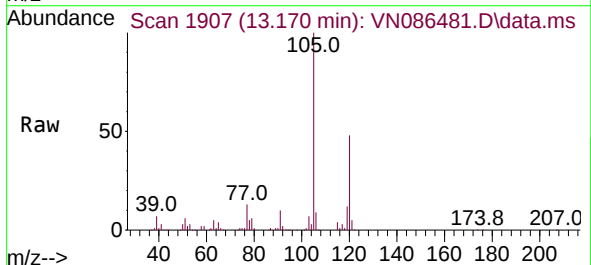
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

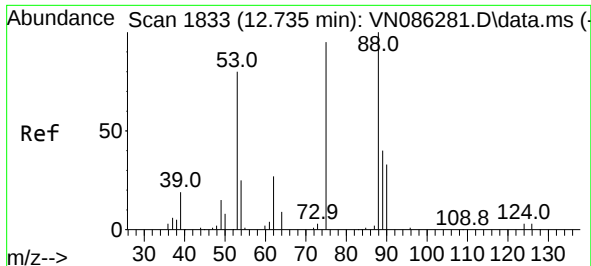
Tgt Ion: 91 Resp: 181075
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 20.431 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 105 Resp: 201865
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5

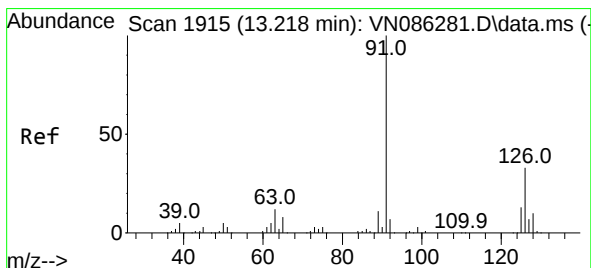
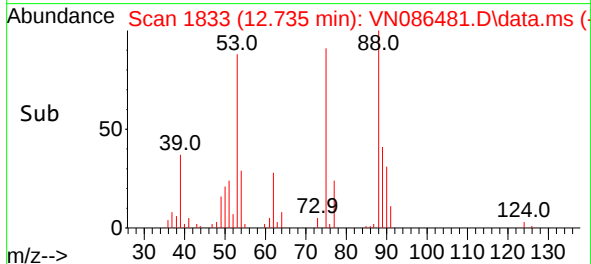
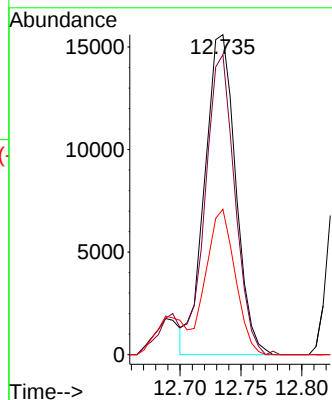
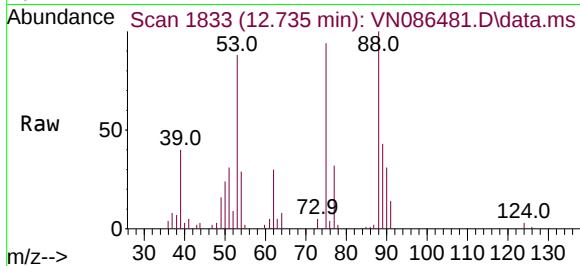




#81
trans-1,4-Dichloro-2-butene
Concen: 19.011 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

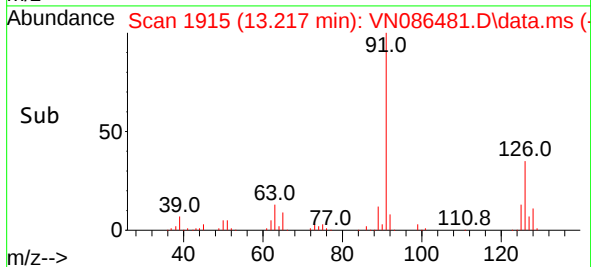
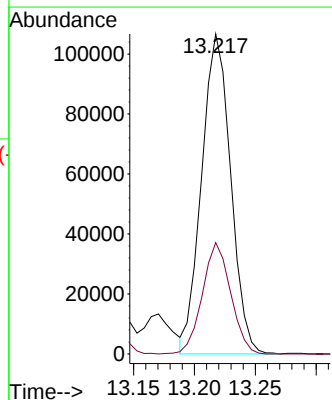
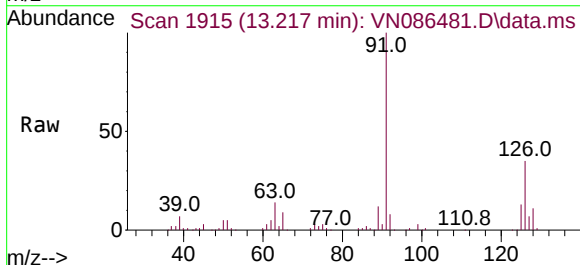
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

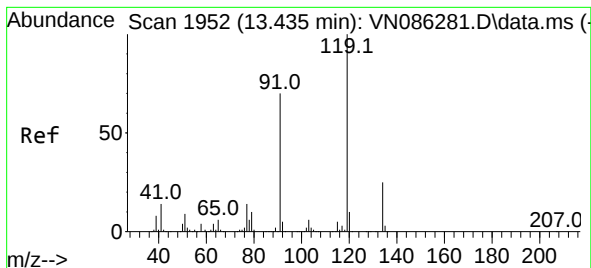
Tgt Ion: 75 Resp: 27567
Ion Ratio Lower Upper
75 100
53 89.7 79.2 118.8
89 43.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.030 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 91 Resp: 177105
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6





#83

tert-Butylbenzene

Concen: 20.424 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

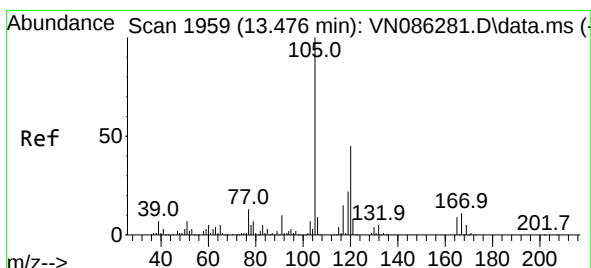
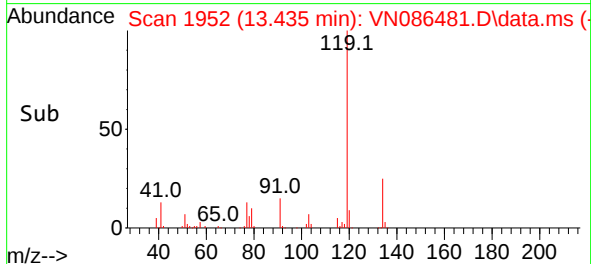
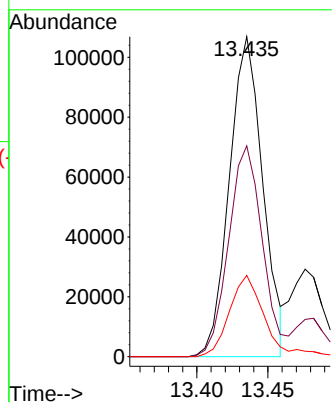
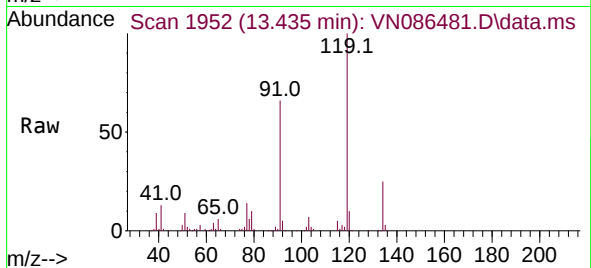
Tgt Ion:119 Resp: 174852

Ion Ratio Lower Upper

119 100

91 67.3 34.4 103.3

134 26.8 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 20.212 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086481.D

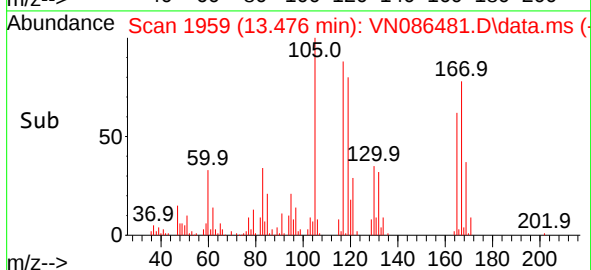
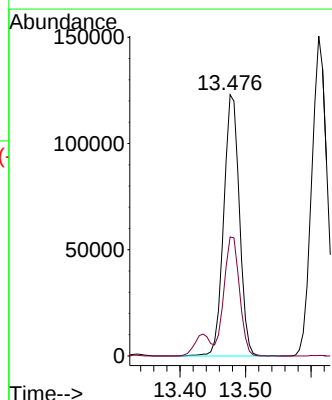
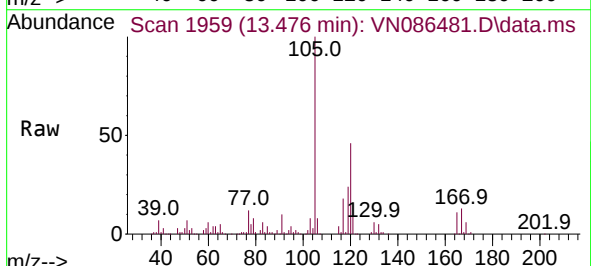
Acq: 05 May 2025 13:02

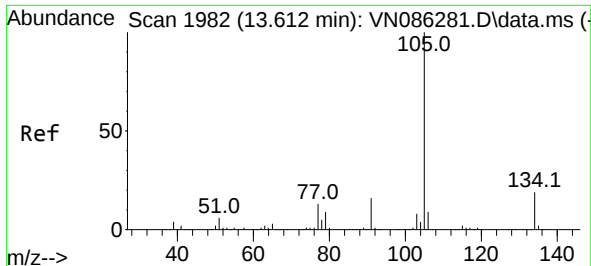
Tgt Ion:105 Resp: 203281

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.3

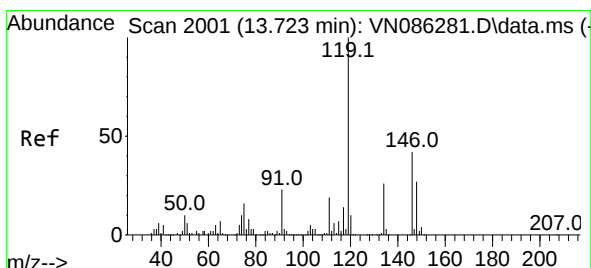
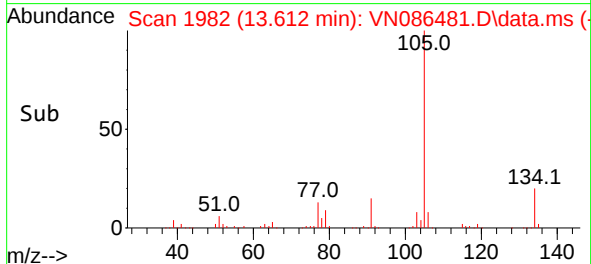
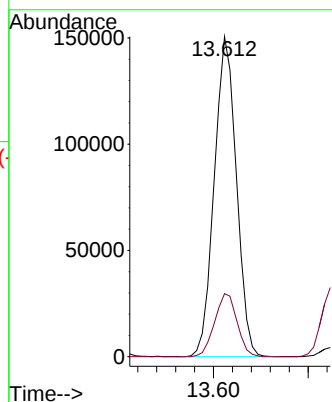
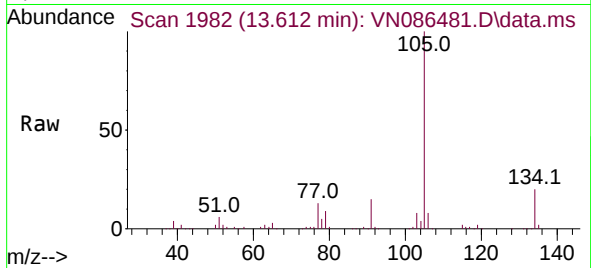




#85
 sec-Butylbenzene
 Concen: 20.585 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

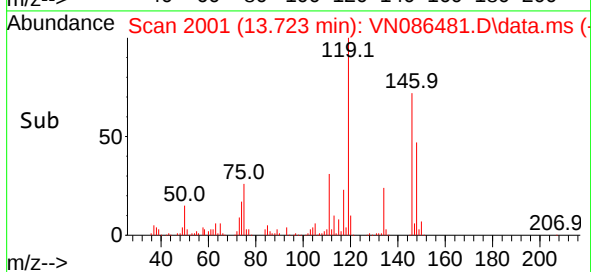
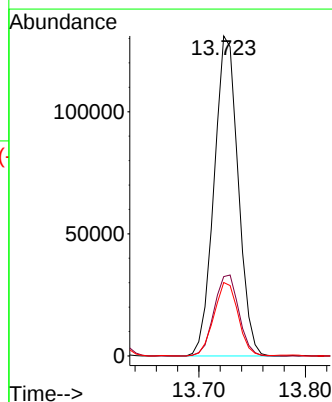
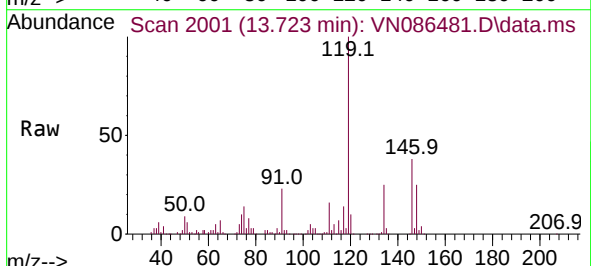
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Tgt Ion:105 Resp: 244446
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.958 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

Tgt Ion:119 Resp: 205137
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.1 11.9 35.9

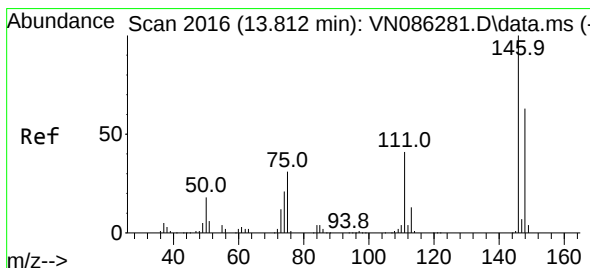
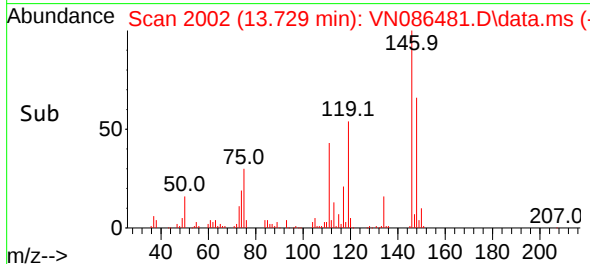
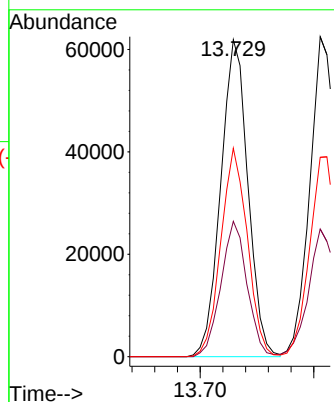
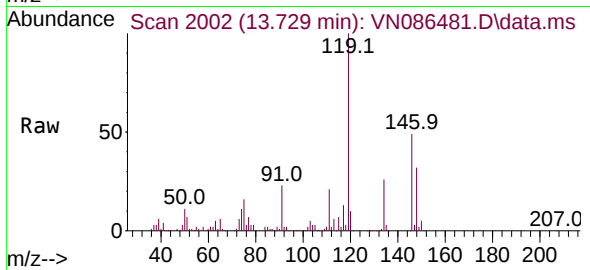




#87
 1,3-Dichlorobenzene
 Concen: 20.450 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

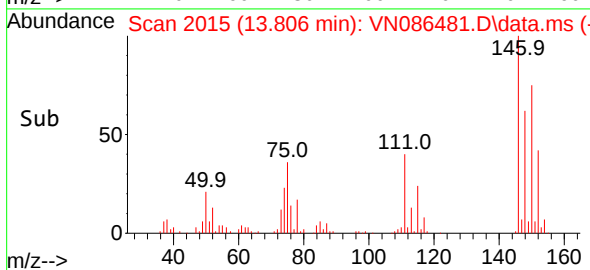
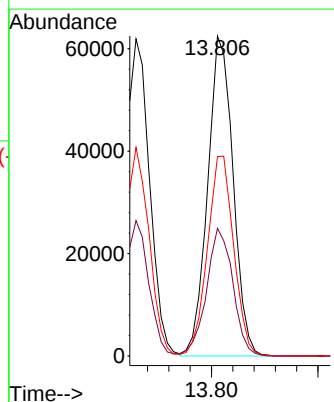
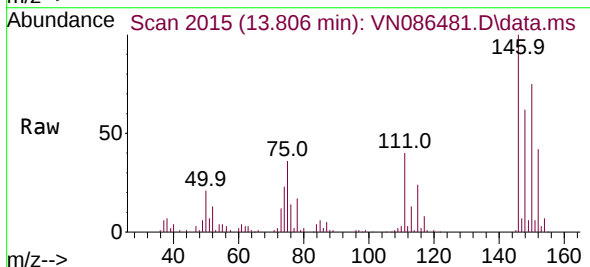
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

Tgt Ion:146 Resp: 102825
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.9 65.7
 148 64.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.448 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

Tgt Ion:146 Resp: 103560
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.3 63.9
 148 64.7 31.9 95.9





#89

n-Butylbenzene

Concen: 19.699 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

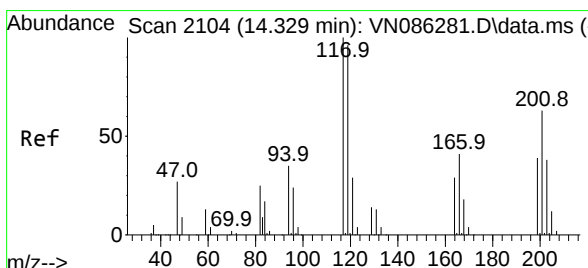
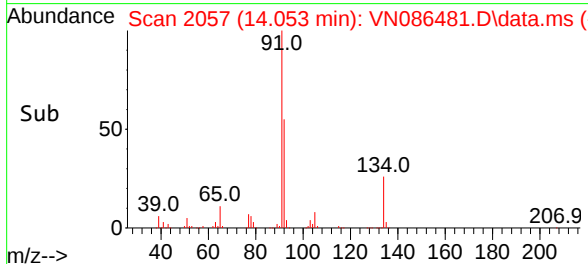
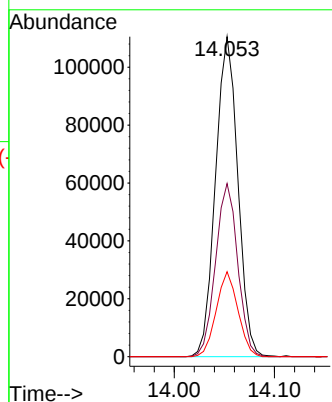
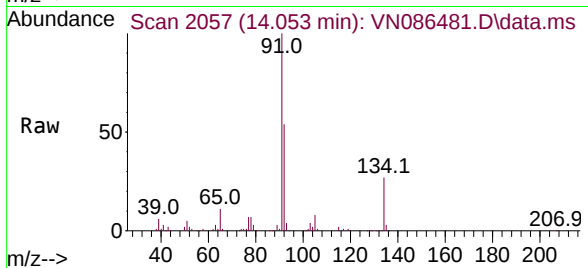
Tgt Ion: 91 Resp: 170904

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 25.8 12.2 36.6



#90

Hexachloroethane

Concen: 20.441 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN086481.D

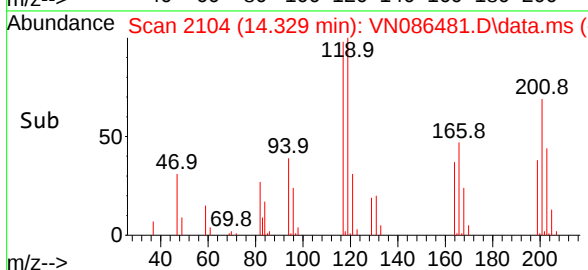
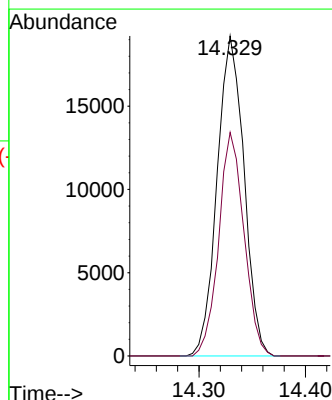
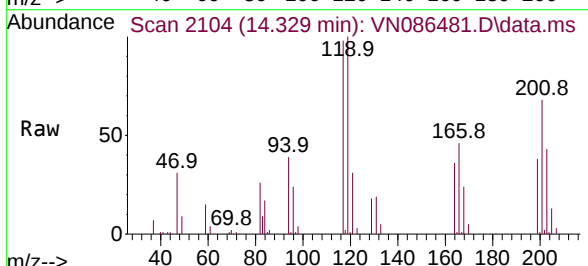
Acq: 05 May 2025 13:02

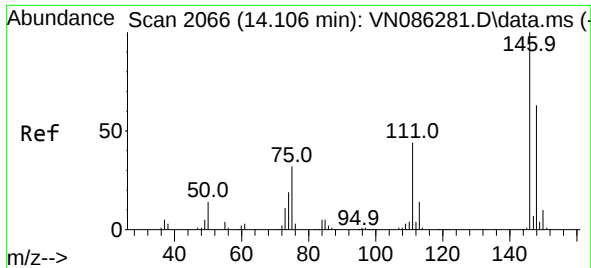
Tgt Ion: 117 Resp: 33653

Ion Ratio Lower Upper

117 100

201 65.7 31.4 94.2

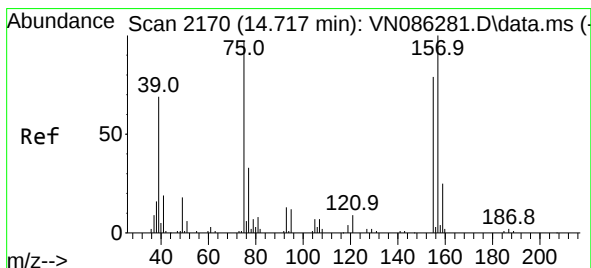
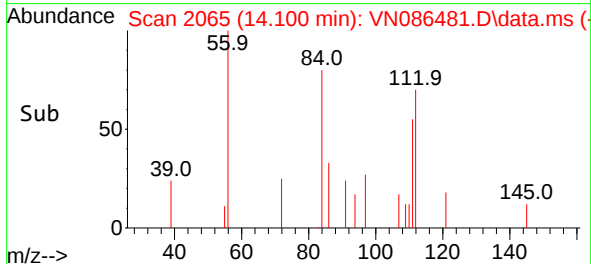
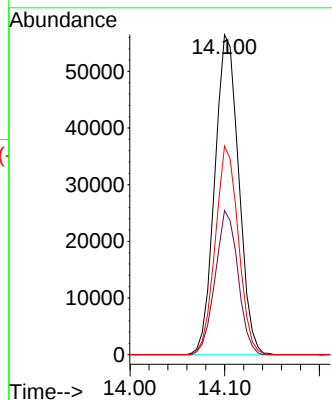
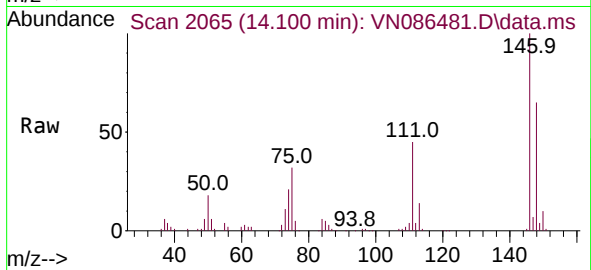




#91
1,2-Dichlorobenzene
Concen: 20.347 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

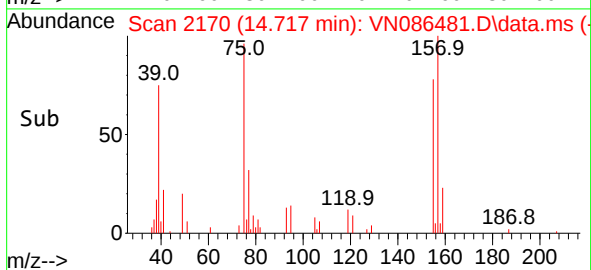
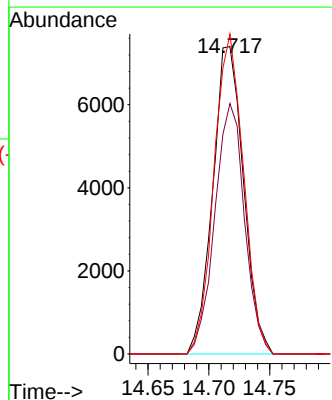
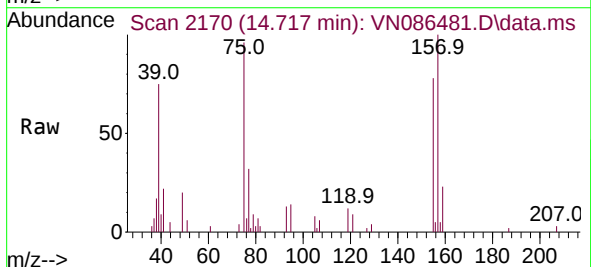
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBS01

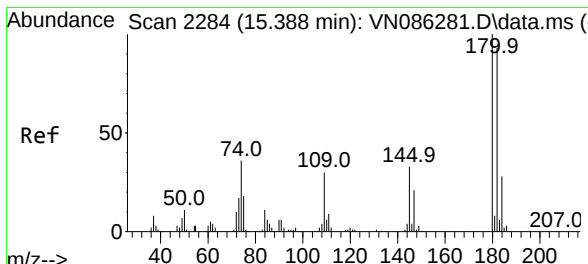
Tgt Ion:146 Resp: 99193
Ion Ratio Lower Upper
146 100
111 42.9 22.4 67.0
148 62.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.561 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086481.D
Acq: 05 May 2025 13:02

Tgt Ion: 75 Resp: 12990
Ion Ratio Lower Upper
75 100
155 78.8 40.3 120.9
157 99.8 49.0 147.2

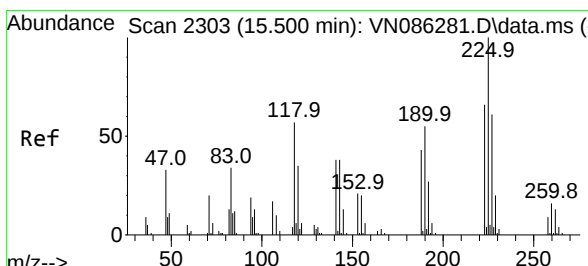
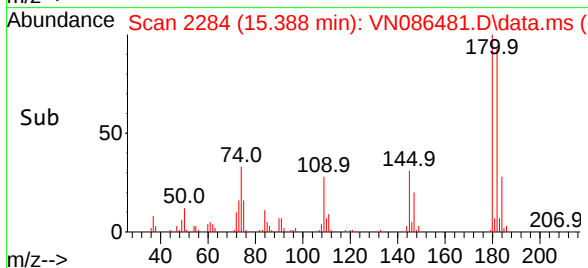
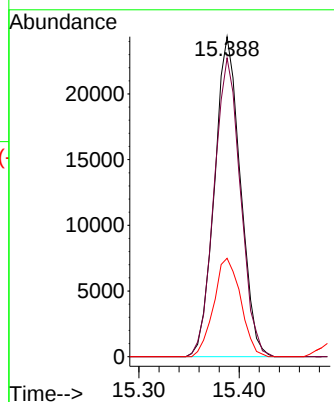
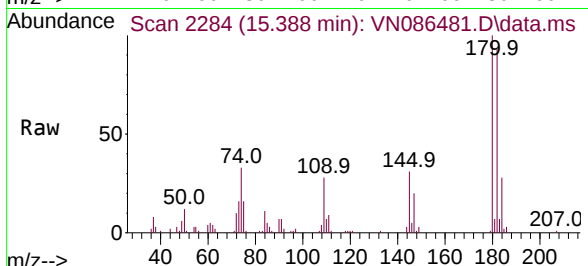




#93
 1,2,4-Trichlorobenzene
 Concen: 18.656 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

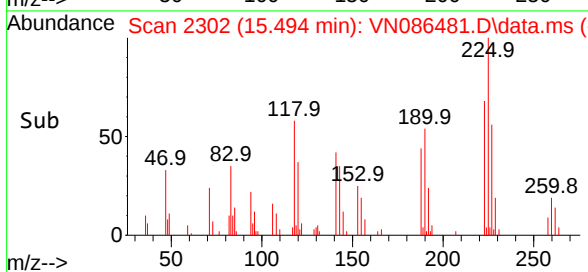
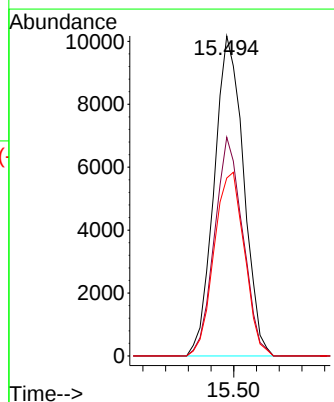
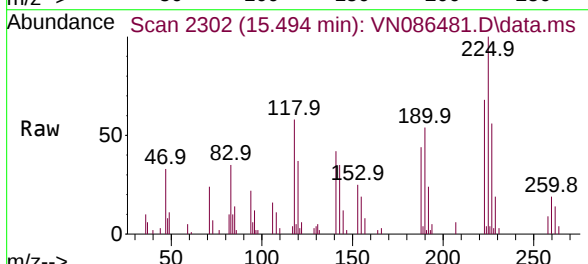
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBS01

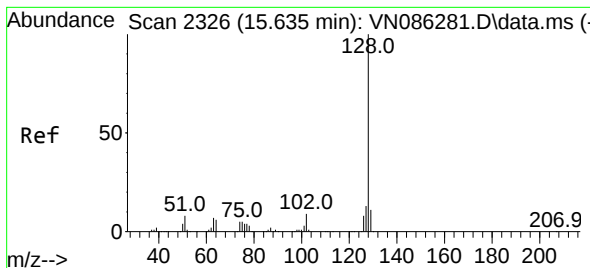
Tgt Ion:180 Resp: 43550
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.0 141.0
 145 32.1 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 20.727 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086481.D
 Acq: 05 May 2025 13:02

Tgt Ion:225 Resp: 18264
 Ion Ratio Lower Upper
 225 100
 223 65.8 32.8 98.3
 227 59.4 31.4 94.0





#95

Naphthalene

Concen: 17.320 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Instrument :

MSVOA_N

ClientSampleId :

VN0505WBS01

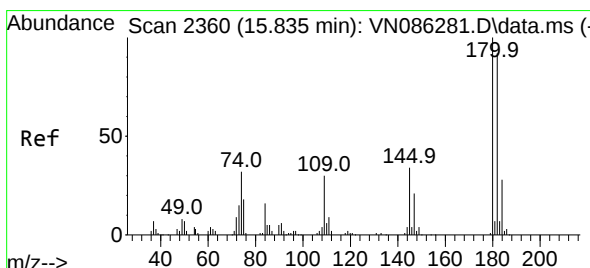
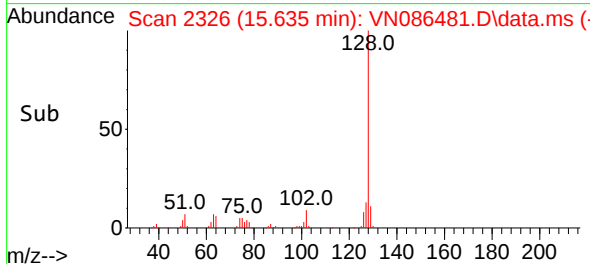
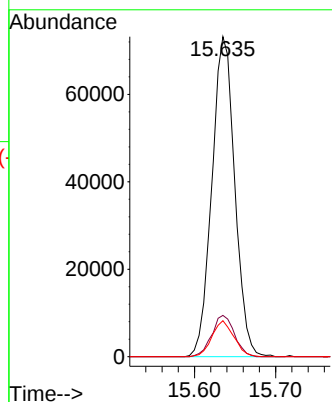
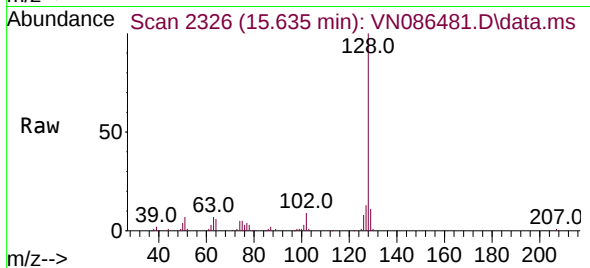
Tgt Ion:128 Resp: 143324

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.244 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086481.D

Acq: 05 May 2025 13:02

Tgt Ion:180 Resp: 42531

Ion Ratio Lower Upper

180 100

182 95.1 47.3 142.0

145 33.7 17.2 51.5

