

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086676.D
 Acq On : 16 May 2025 19:20
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051625

Quant Time: May 17 00:49:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	206060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	369474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160071	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140264	49.261	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.520%
35) Dibromofluoromethane	8.165	113	111929	50.868	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	10.565	98	473116	51.886	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.847	95	172745	53.653	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.300%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	125665	56.471	ug/l	100
3) Chloromethane	2.359	50	166521	49.474	ug/l	100
4) Vinyl Chloride	2.512	62	153716	50.852	ug/l	97
5) Bromomethane	2.948	94	85316	48.959	ug/l	94
6) Chloroethane	3.112	64	98096	49.538	ug/l	96
7) Trichlorofluoromethane	3.495	101	184202	50.991	ug/l	97
8) Diethyl Ether	3.959	74	75922	50.875	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	110896	51.278	ug/l	100
10) Methyl Iodide	4.589	142	139386	51.814	ug/l	98
11) Tert butyl alcohol	5.518	59	126055	243.079	ug/l	100
12) 1,1-Dichloroethene	4.342	96	114026	49.612	ug/l	99
13) Acrolein	4.171	56	131334	236.906	ug/l	100
14) Allyl chloride	5.024	41	169877	48.833	ug/l	99
15) Acrylonitrile	5.718	53	322582	251.235	ug/l	99
16) Acetone	4.424	43	253332	237.847	ug/l	96
17) Carbon Disulfide	4.712	76	325644	51.175	ug/l	99
18) Methyl Acetate	5.018	43	136726	45.864	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	392727	50.183	ug/l	98
20) Methylene Chloride	5.271	84	133075	47.346	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	120628	49.641	ug/l	98
22) Diisopropyl ether	6.665	45	398433	50.767	ug/l	98
23) Vinyl Acetate	6.600	43	1501158	254.501	ug/l	100
24) 1,1-Dichloroethane	6.565	63	228436	49.576	ug/l	100
25) 2-Butanone	7.477	43	412876	250.854	ug/l	100
26) 2,2-Dichloropropane	7.488	77	179110	47.102	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	148770	49.878	ug/l	99
28) Bromochloromethane	7.812	49	102816	49.112	ug/l	100
29) Tetrahydrofuran	7.835	42	273939	254.994	ug/l	100
30) Chloroform	7.965	83	223931	48.554	ug/l	97
31) Cyclohexane	8.253	56	202489	47.383	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	193811	49.842	ug/l	100
36) 1,1-Dichloropropene	8.371	75	166757	51.379	ug/l	100
37) Ethyl Acetate	7.559	43	164737	50.247	ug/l	99
38) Carbon Tetrachloride	8.359	117	162681	50.871	ug/l	97
39) Methylcyclohexane	9.594	83	182529	51.961	ug/l	99
40) Benzene	8.600	78	533304	50.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	90551	51.153	ug/l	98
42) 1,2-Dichloroethane	8.671	62	165024	50.029	ug/l	99
43) Isopropyl Acetate	8.682	43	298004	45.341	ug/l	100
44) Trichloroethene	9.347	130	129339	50.647	ug/l	98
45) 1,2-Dichloropropane	9.618	63	126955	50.475	ug/l	99
46) Dibromomethane	9.706	93	85276	50.246	ug/l	99
47) Bromodichloromethane	9.882	83	177360	50.719	ug/l	100
48) Methyl methacrylate	9.677	41	131470	51.620	ug/l	99
49) 1,4-Dioxane	9.694	88	57410	1064.544	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	841754	253.963	ug/l	99
52) Toluene	10.624	92	338248	51.401	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	194124	52.432	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	207544	51.351	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	120996	49.290	ug/l	99
56) Ethyl methacrylate	10.871	69	211241	53.596	ug/l	99
57) 1,3-Dichloropropane	11.159	76	212276	50.196	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	477348	270.990	ug/l	100
59) 2-Hexanone	11.194	43	631633	260.961	ug/l	100
60) Dibromochloromethane	11.359	129	133981	52.080	ug/l	98
61) 1,2-Dibromoethane	11.465	107	124934	50.647	ug/l	100
64) Tetrachloroethene	11.100	164	127416	49.218	ug/l	97
65) Chlorobenzene	11.888	112	366001	49.389	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	118803	49.660	ug/l	100
67) Ethyl Benzene	11.959	91	644463	50.773	ug/l	99
68) m/p-Xylenes	12.065	106	496729	103.321	ug/l	100
69) o-Xylene	12.394	106	244673	51.191	ug/l	99
70) Styrene	12.406	104	414973	53.030	ug/l	100
71) Bromoform	12.576	173	91062	53.523	ug/l #	97
73) Isopropylbenzene	12.694	105	584704	47.295	ug/l	100
74) N-amyl acetate	12.488	43	247445	47.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	174276	45.885	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	242758	67.057	ug/l	60
77) Bromobenzene	12.976	156	143739	46.220	ug/l	100
78) n-propylbenzene	13.029	91	695292	49.006	ug/l	100
79) 2-Chlorotoluene	13.123	91	442834	48.004	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	484744	48.940	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	68425	47.700	ug/l	97
82) 4-Chlorotoluene	13.217	91	439811	48.122	ug/l	99
83) tert-Butylbenzene	13.435	119	410379	47.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	493314	50.014	ug/l	99
85) sec-Butylbenzene	13.612	105	568753	49.105	ug/l	99
86) p-Isopropyltoluene	13.723	119	482931	50.868	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	263213	48.877	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	264501	49.573	ug/l	99
89) n-Butylbenzene	14.053	91	408204	51.865	ug/l	99
90) Hexachloroethane	14.329	117	79755	50.631	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	254715	49.729	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33507	53.253	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	113245	52.378	ug/l	100
94) Hexachlorobutadiene	15.494	225	44035	49.090	ug/l	97
95) Naphthalene	15.635	128	393211	52.378	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	106918	50.497	ug/l	99

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Response via : Initial Calibration

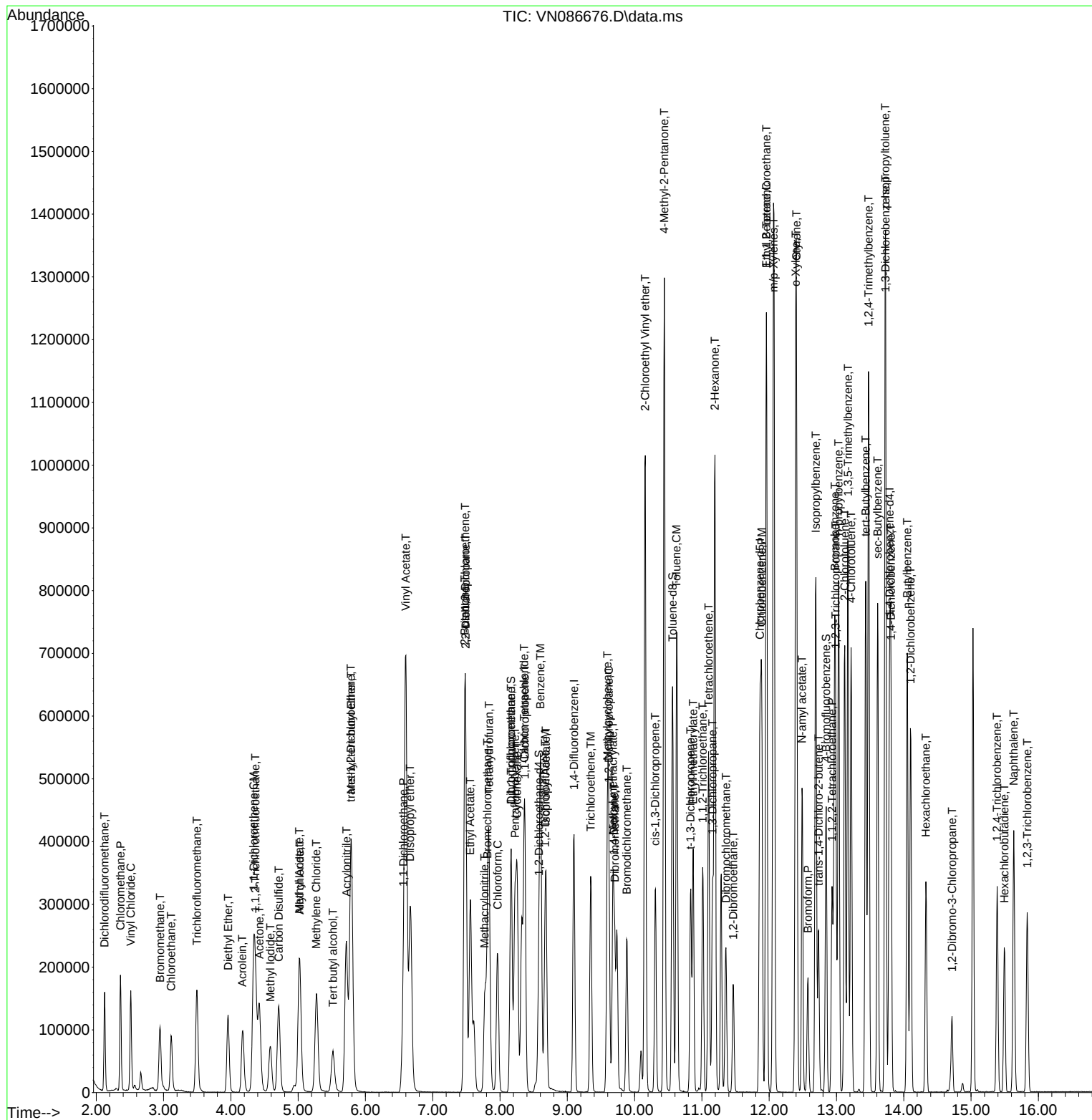
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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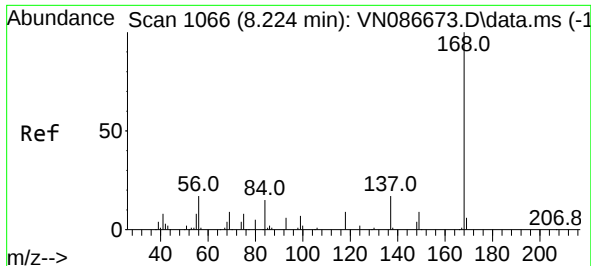
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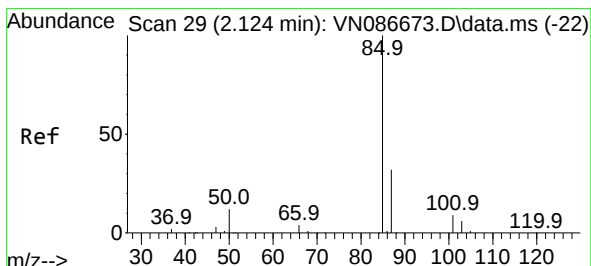
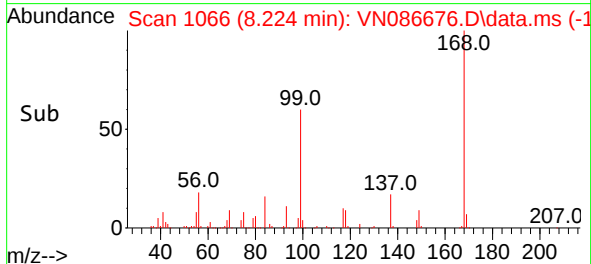
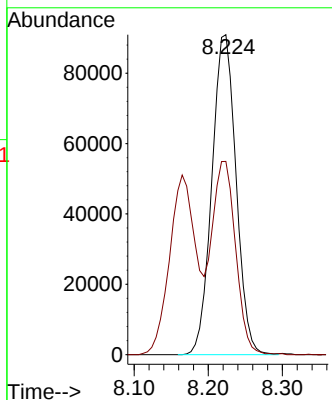
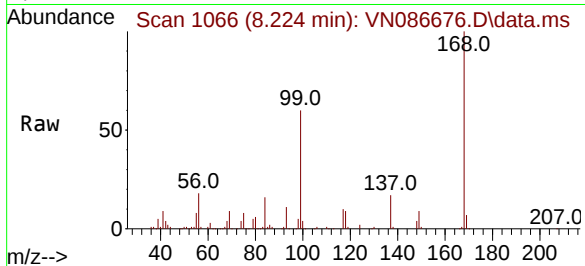




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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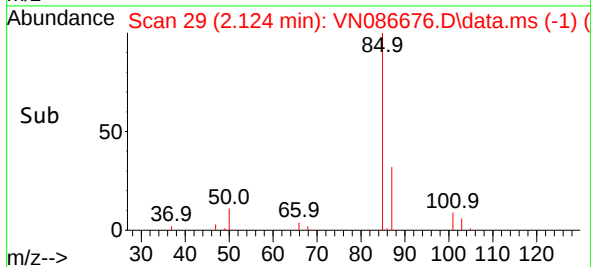
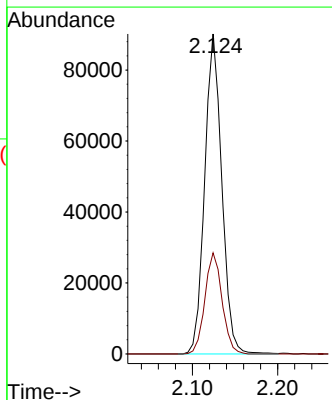
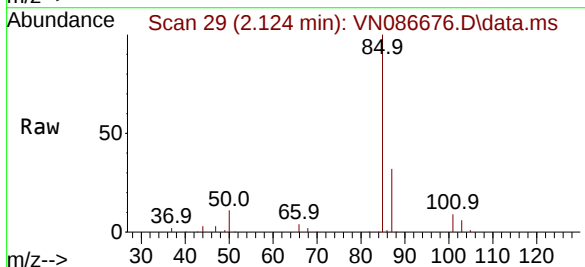
Instrument :
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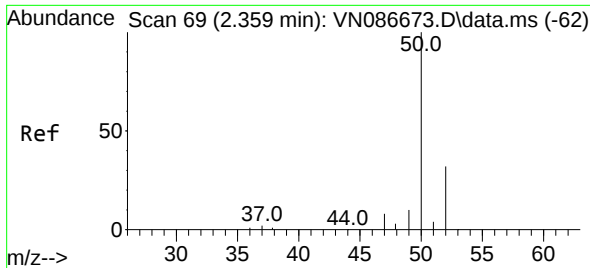
Tgt Ion:168 Resp: 206060
Ion Ratio Lower Upper
168 100
99 60.1 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 56.471 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 85 Resp: 125665
Ion Ratio Lower Upper
85 100
87 31.6 15.9 47.6

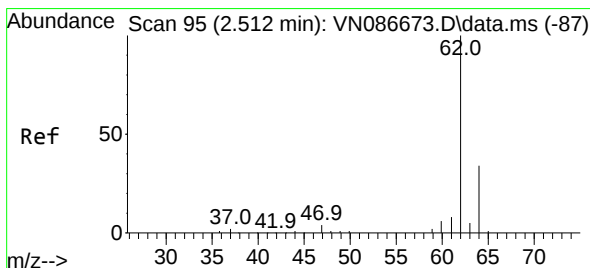
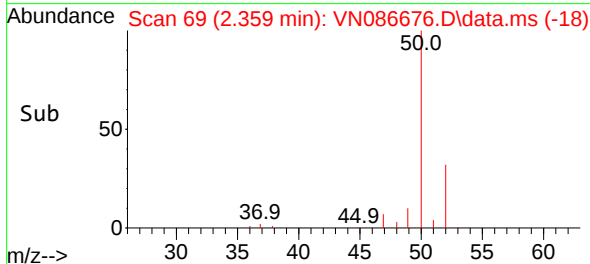
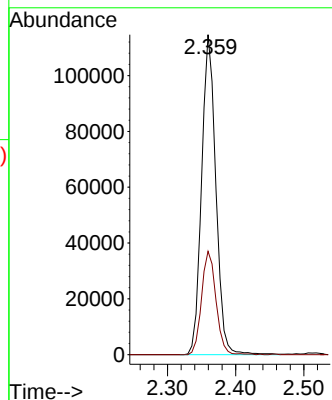
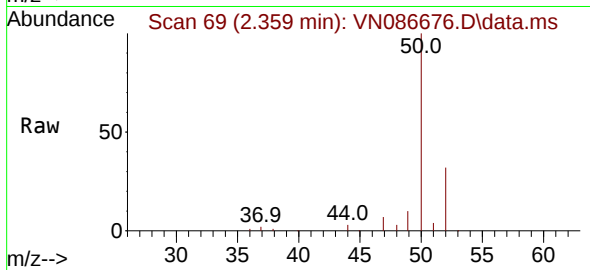




#3
Chloromethane
Concen: 49.474 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086676.D
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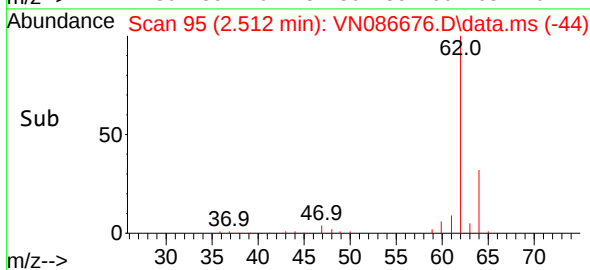
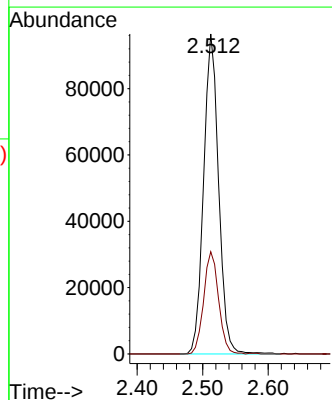
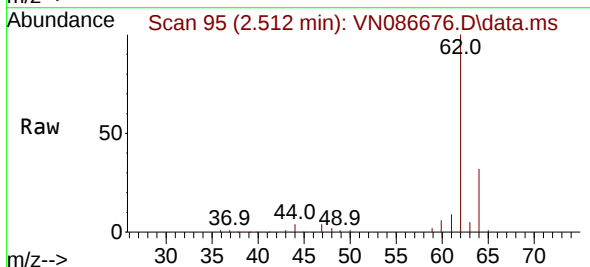
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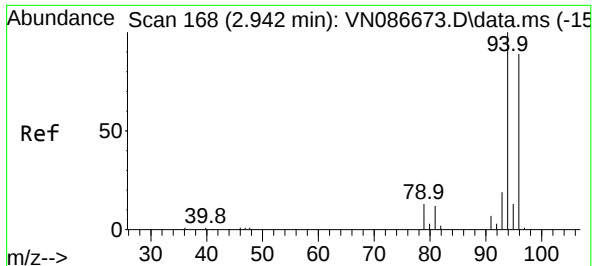
Tgt Ion: 50 Resp: 166521
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 50.852 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 62 Resp: 153716
Ion Ratio Lower Upper
62 100
64 32.0 26.9 40.3

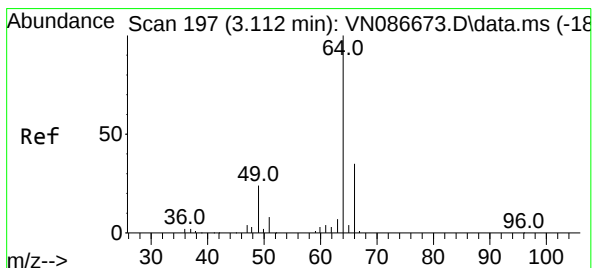
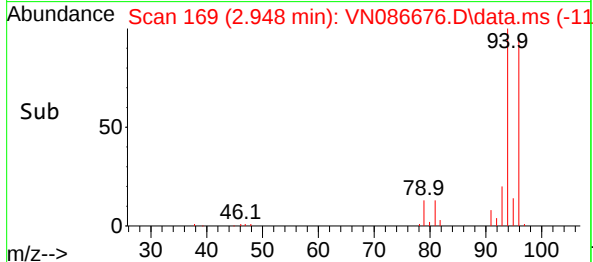
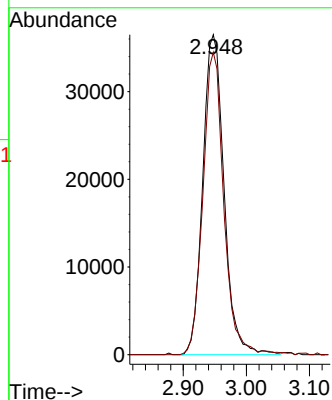
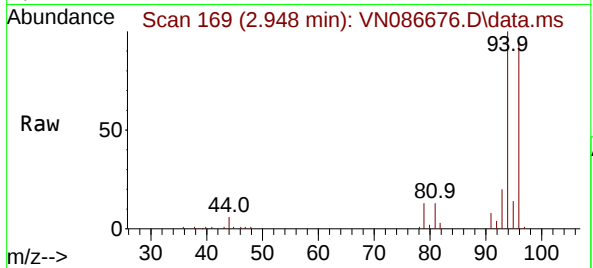




#5
Bromomethane
Concen: 48.959 ug/l
RT: 2.948 min Scan# 168
Delta R.T. 0.006 min
Lab File: VN086676.D
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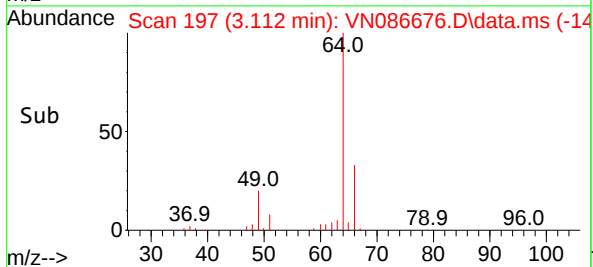
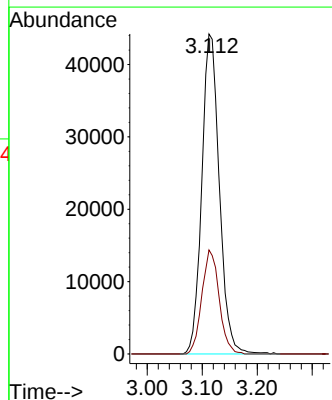
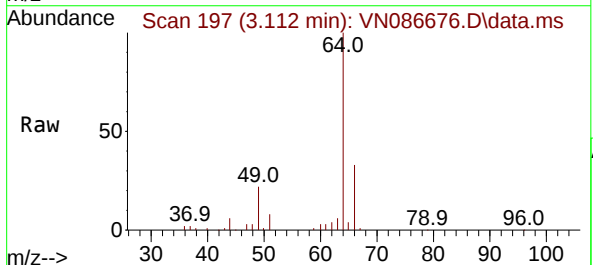
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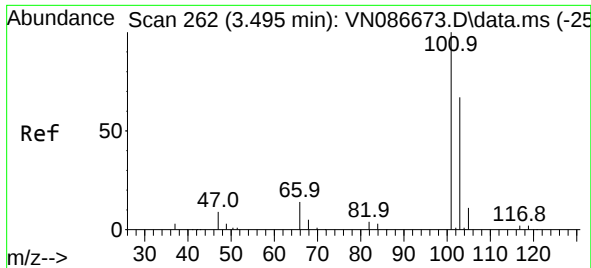
Tgt Ion: 94 Resp: 85316
Ion Ratio Lower Upper
94 100
96 94.5 71.2 106.8



#6
Chloroethane
Concen: 49.538 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086676.D
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Tgt Ion: 64 Resp: 98096
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5

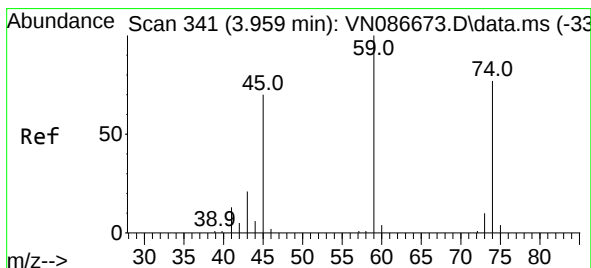
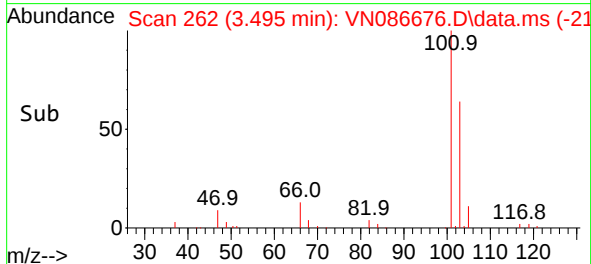
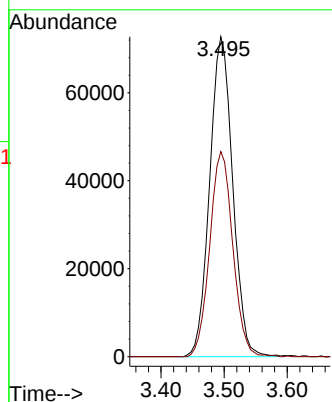
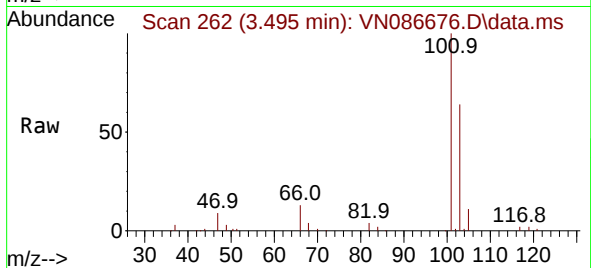




#7
 Trichlorofluoromethane
 Concen: 50.991 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

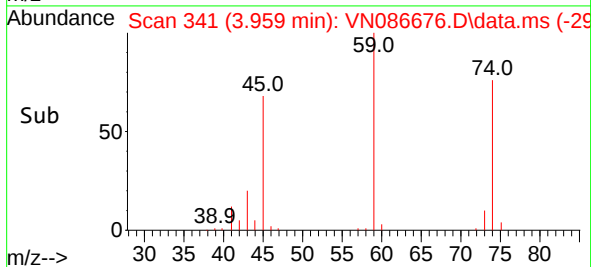
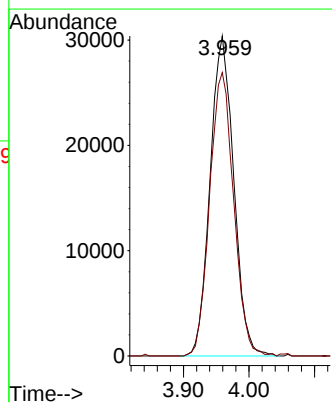
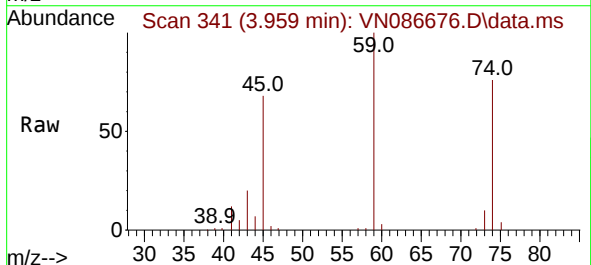
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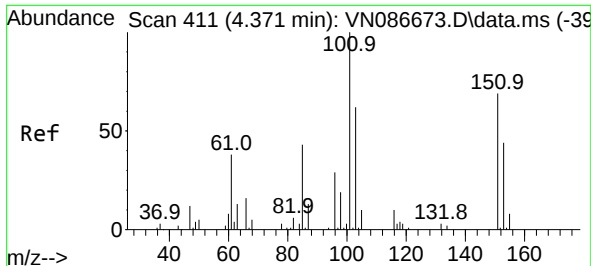
Tgt Ion:101 Resp: 184202
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.4 80.0



#8
 Diethyl Ether
 Concen: 50.875 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 75922
 Ion Ratio Lower Upper
 74 100
 45 90.2 45.0 135.0

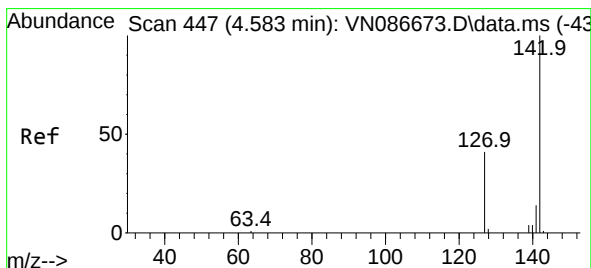
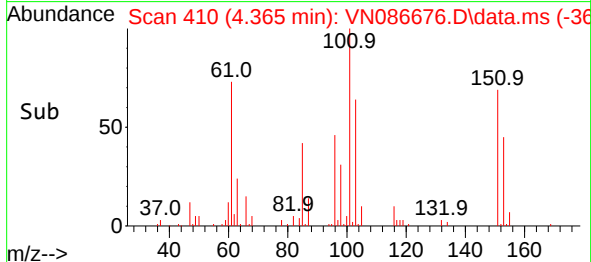
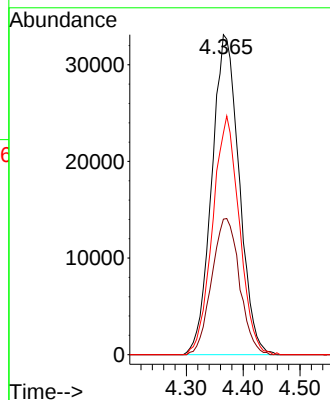
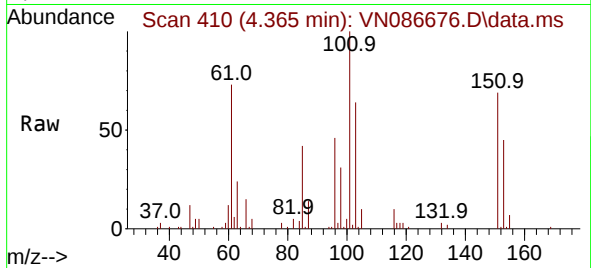




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.278 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

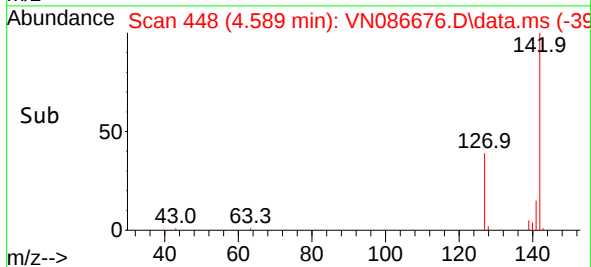
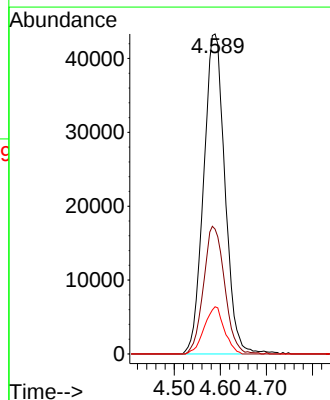
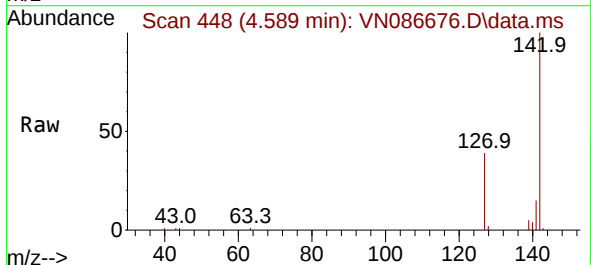
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

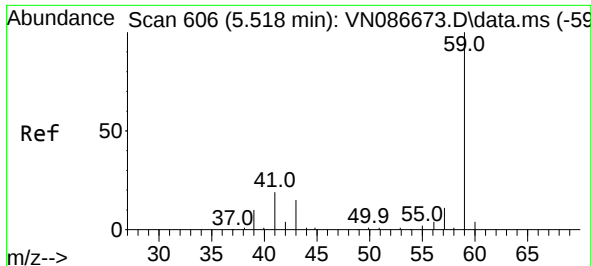
Tgt Ion:101 Resp: 110896
Ion Ratio Lower Upper
101 100
85 43.2 35.0 52.6
151 72.8 58.1 87.1



#10
Methyl Iodide
Concen: 51.814 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:142 Resp: 139386
Ion Ratio Lower Upper
142 100
127 39.0 32.4 48.6
141 14.8 11.4 17.2

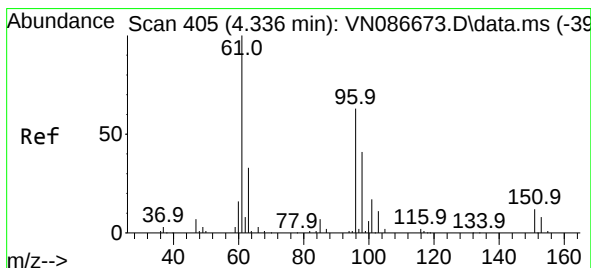
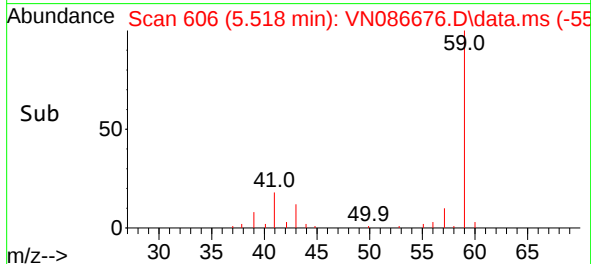
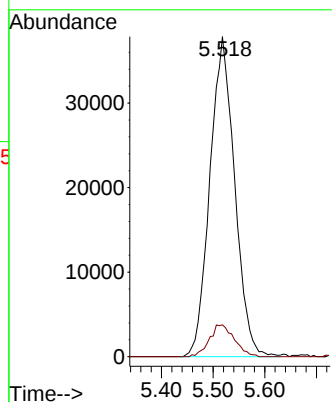
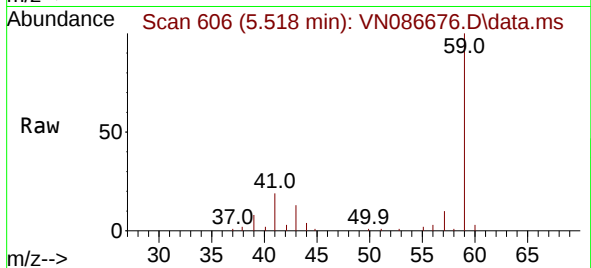




#11
Tert butyl alcohol
Concen: 243.079 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

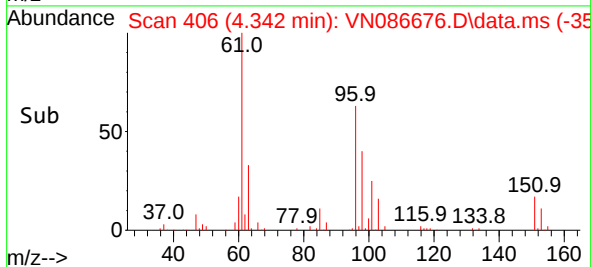
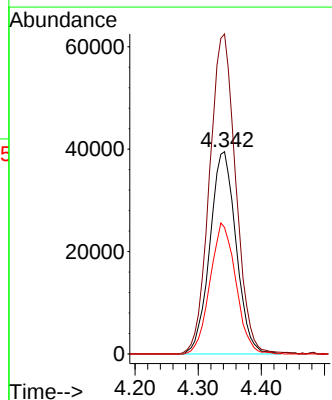
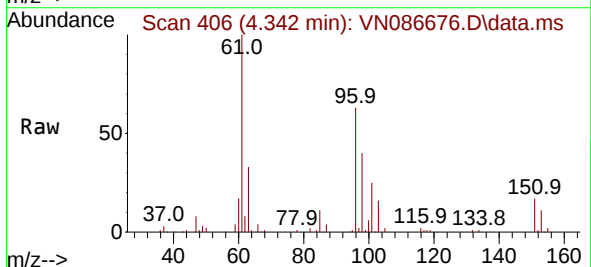
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

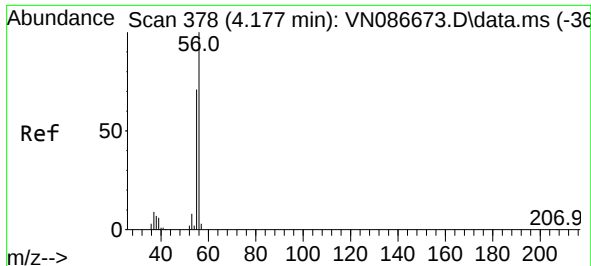
Tgt Ion: 59 Resp: 126055
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.612 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 96 Resp: 114026
Ion Ratio Lower Upper
96 100
61 158.2 126.2 189.2
98 62.6 51.5 77.3

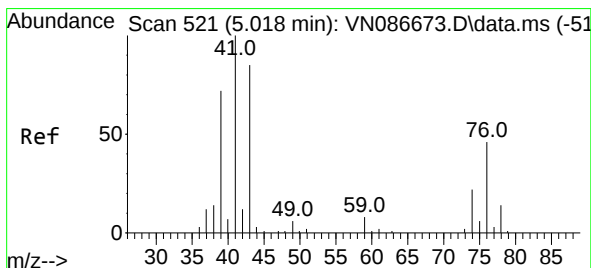
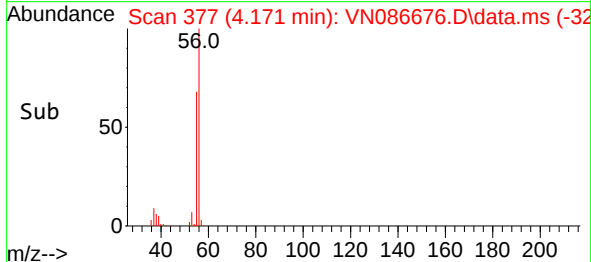
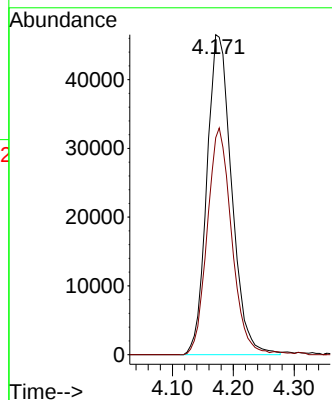
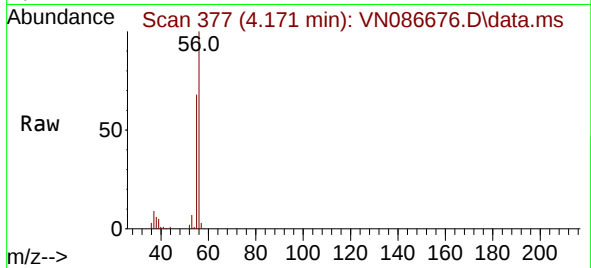




#13
Acrolein
Concen: 236.906 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

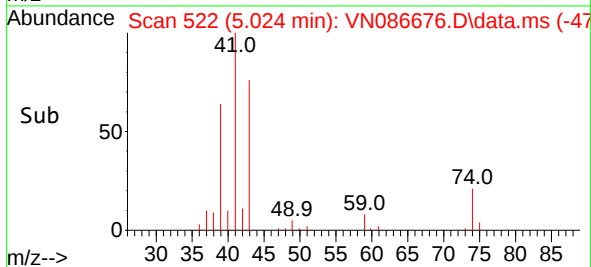
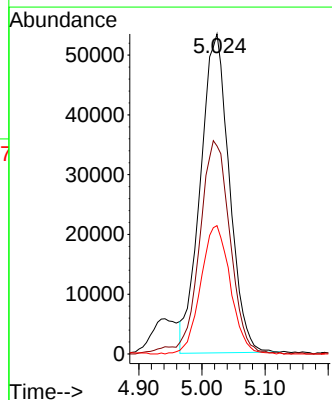
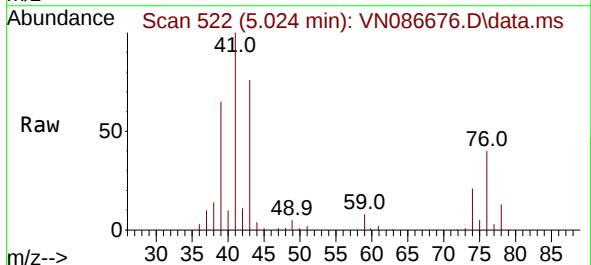
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

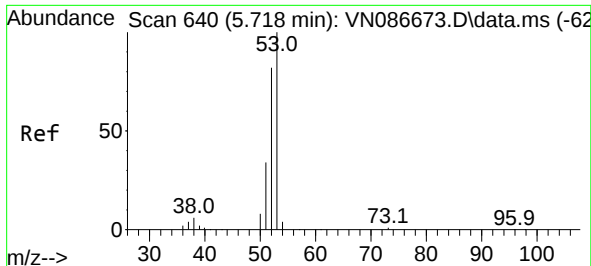
Tgt Ion: 56 Resp: 131334
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5



#14
Allyl chloride
Concen: 48.833 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 41 Resp: 169877
Ion Ratio Lower Upper
41 100
39 71.0 57.4 86.0
76 41.2 33.2 49.8

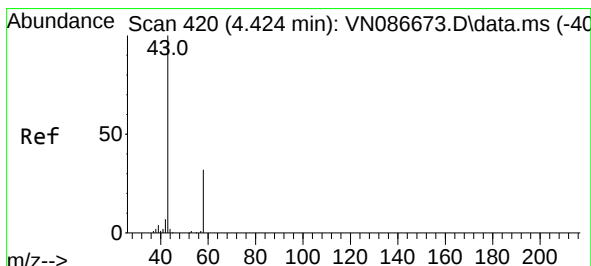
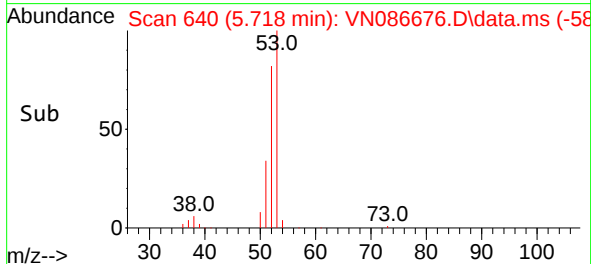
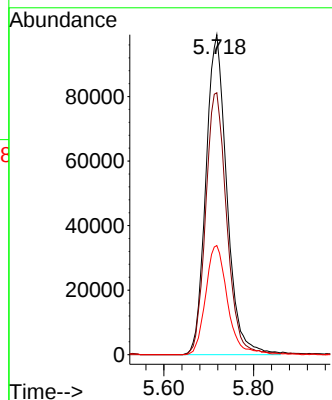
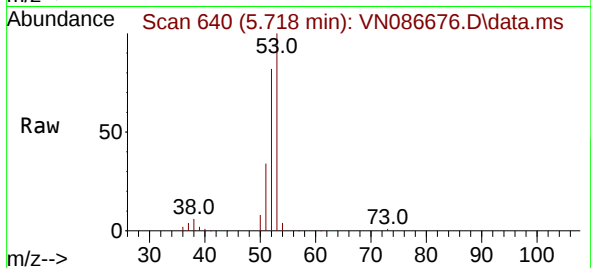




#15
Acrylonitrile
Concen: 251.235 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

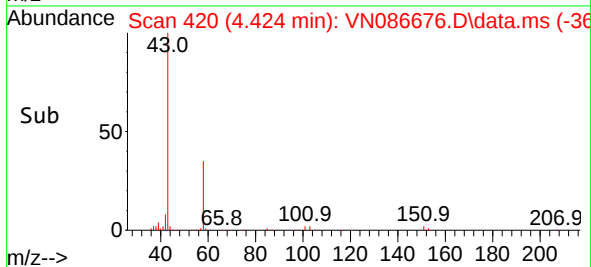
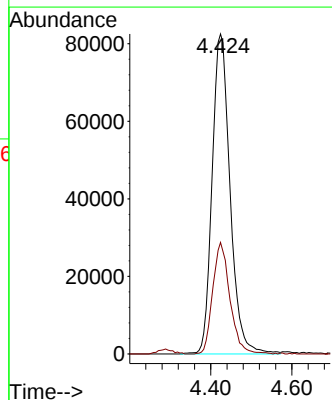
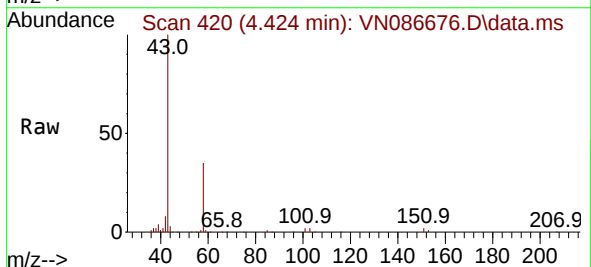
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

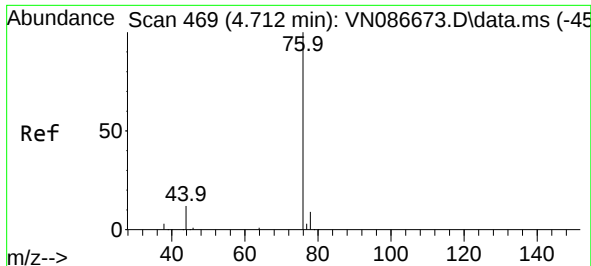
Tgt Ion: 53 Resp: 322582
Ion Ratio Lower Upper
53 100
52 82.3 65.4 98.2
51 35.4 27.9 41.9



#16
Acetone
Concen: 237.847 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 43 Resp: 253332
Ion Ratio Lower Upper
43 100
58 34.6 25.8 38.6

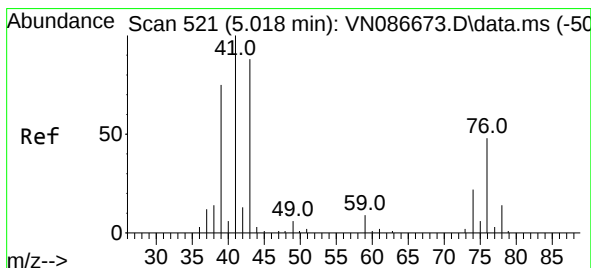
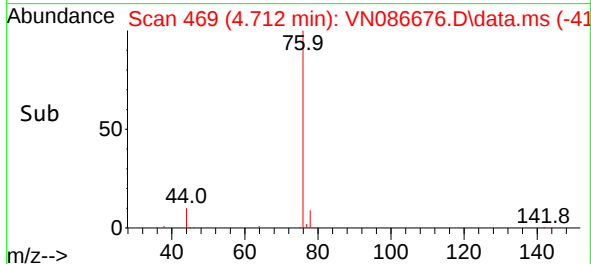
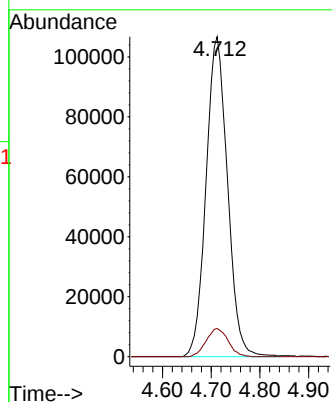
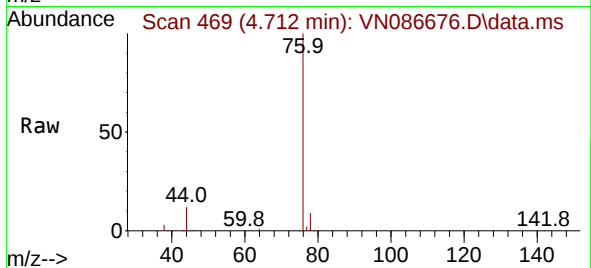




#17
Carbon Disulfide
Concen: 51.175 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

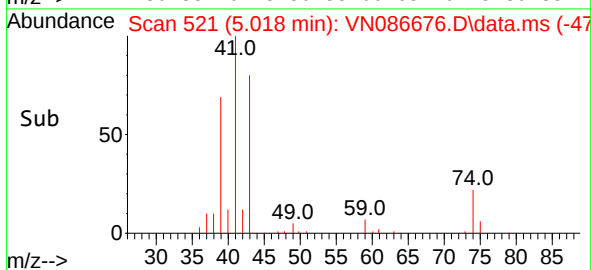
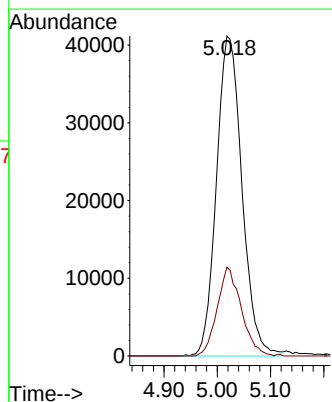
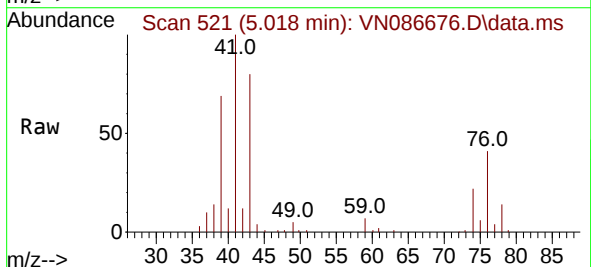
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

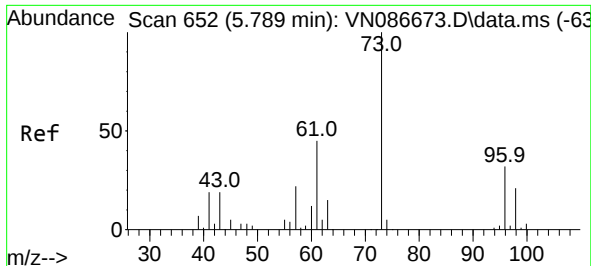
Tgt Ion: 76 Resp: 325644
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 45.864 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 43 Resp: 136726
Ion Ratio Lower Upper
43 100
74 26.2 20.5 30.7

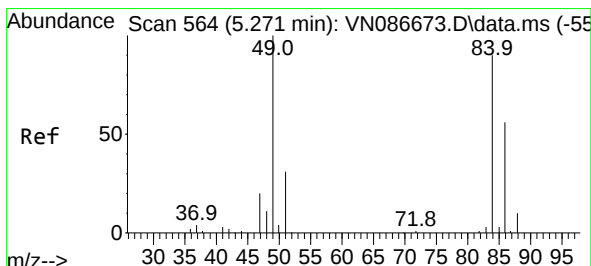
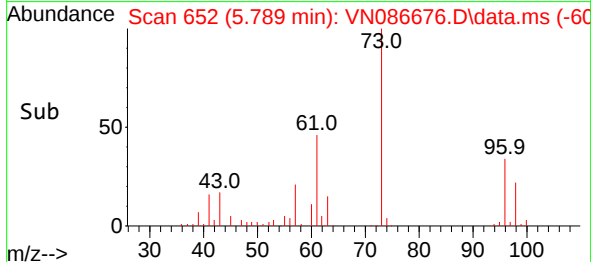
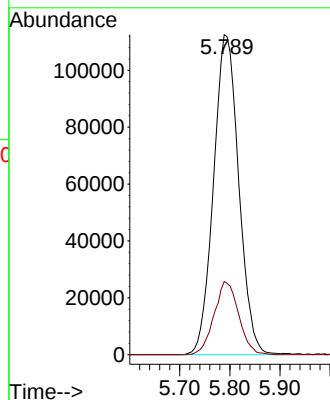
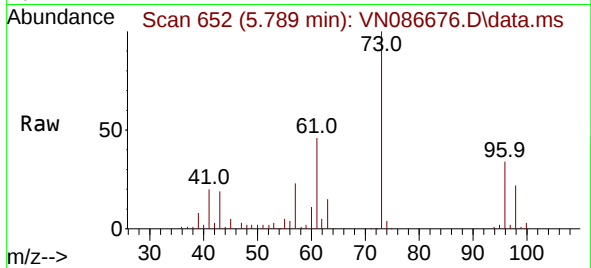




#19
Methyl tert-butyl Ether
Concen: 50.183 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

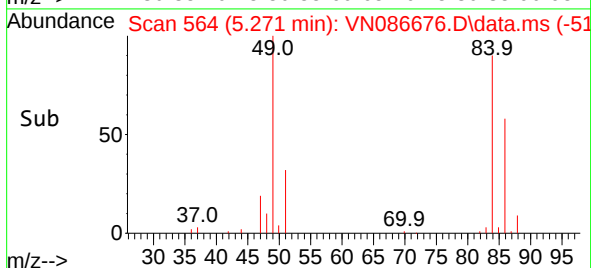
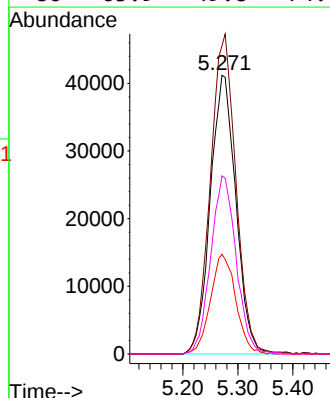
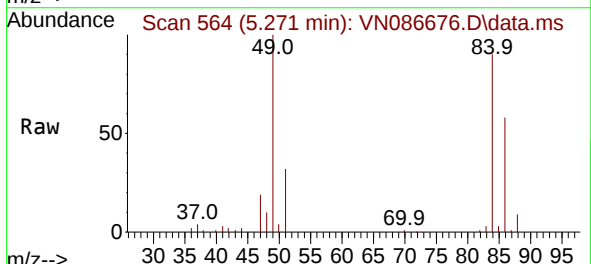
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

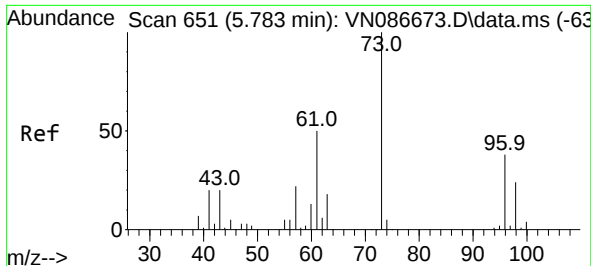
Tgt Ion: 73 Resp: 392727
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5



#20
Methylene Chloride
Concen: 47.346 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 84 Resp: 133075
Ion Ratio Lower Upper
84 100
49 110.6 88.8 133.2
51 35.8 27.8 41.6
86 63.9 49.8 74.6

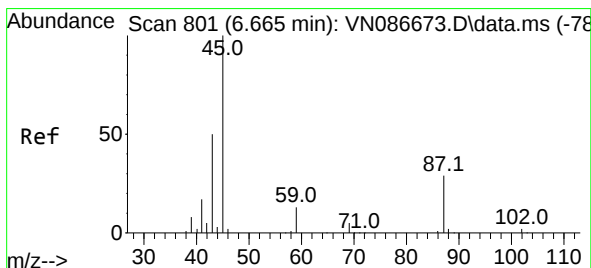
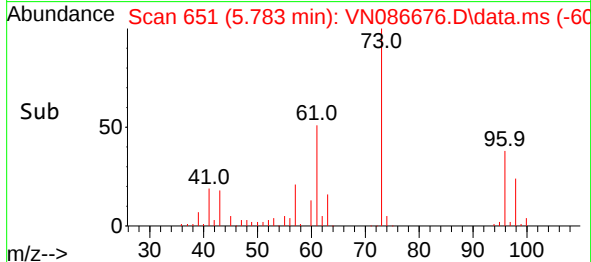
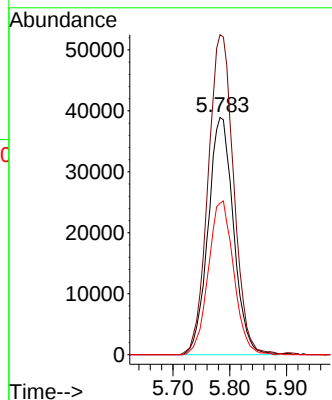
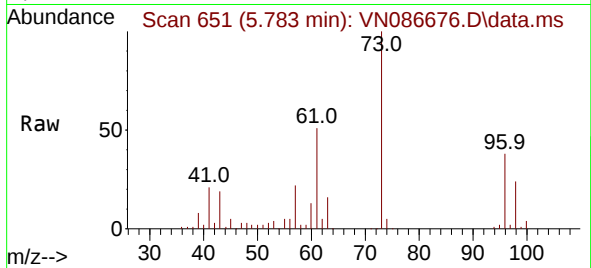




#21
trans-1,2-Dichloroethene
Concen: 49.641 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

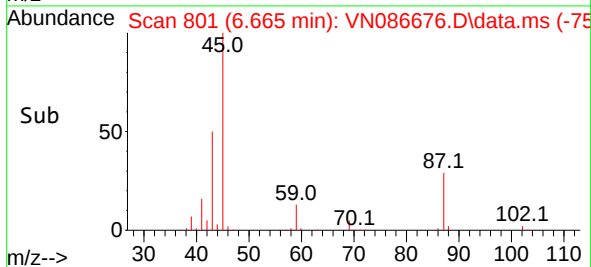
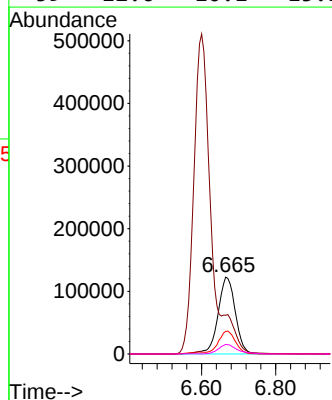
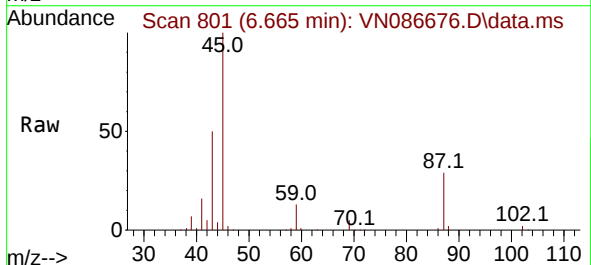
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

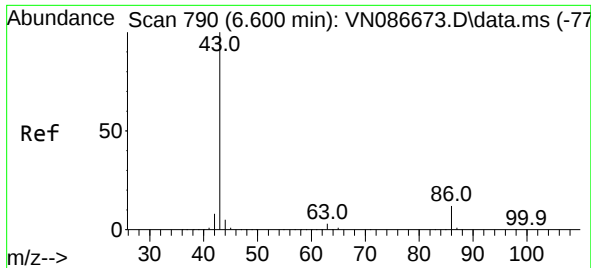
Tgt Ion: 96 Resp: 120628
Ion Ratio Lower Upper
96 100
61 134.8 105.7 158.5
98 63.8 51.0 76.6



#22
Diisopropyl ether
Concen: 50.767 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 45 Resp: 398433
Ion Ratio Lower Upper
45 100
43 49.8 41.4 62.2
87 29.4 22.9 34.3
59 12.6 10.1 15.1

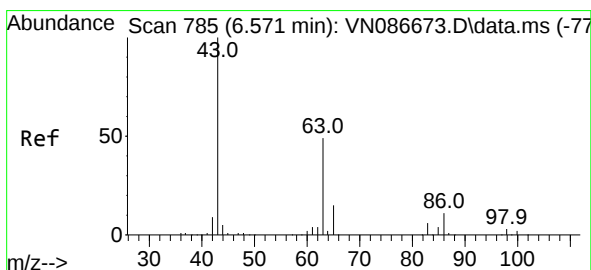
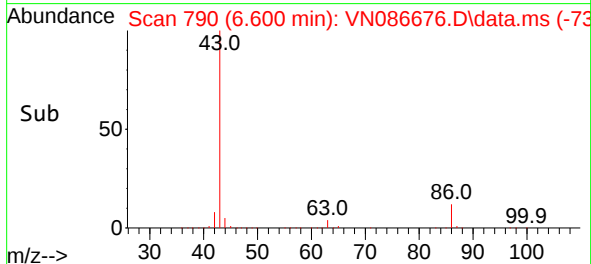
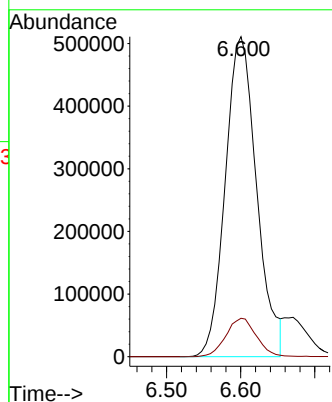
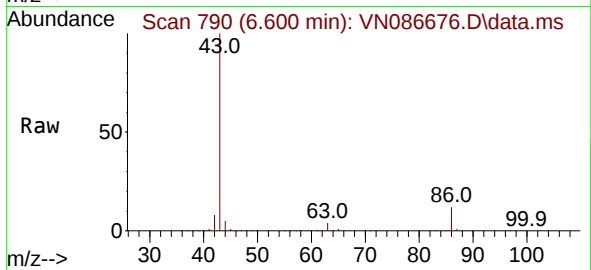




#23
 Vinyl Acetate
 Concen: 254.501 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

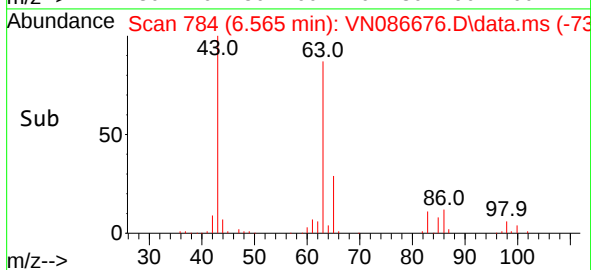
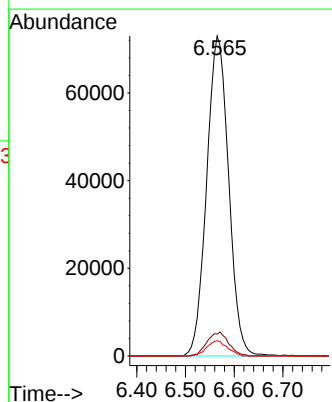
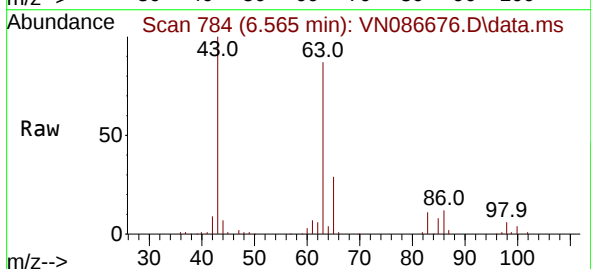
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051625

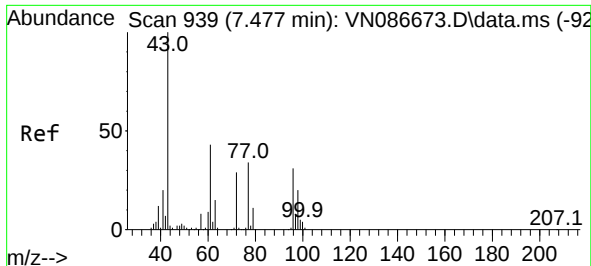
Tgt Ion: 43 Resp: 1501158
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 49.576 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

Tgt Ion: 63 Resp: 228436
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.8 2.4 7.1

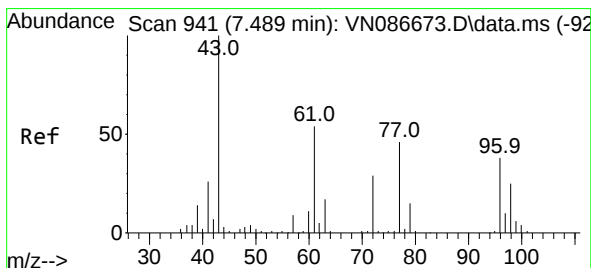
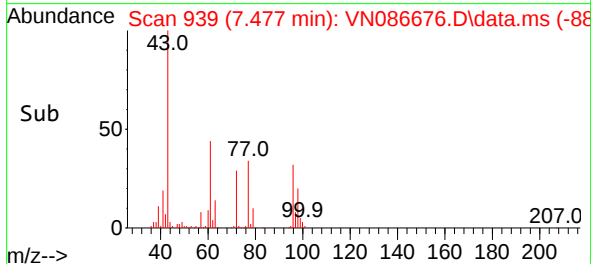
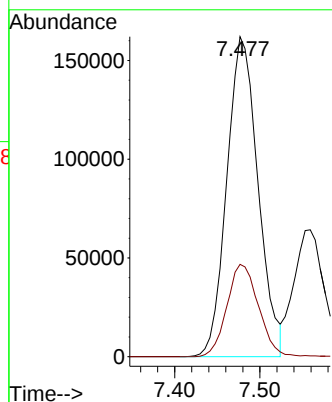
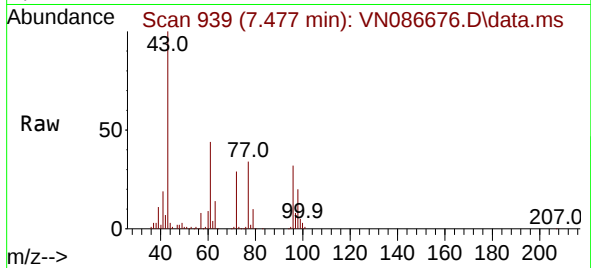




#25
2-Butanone
Concen: 250.854 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

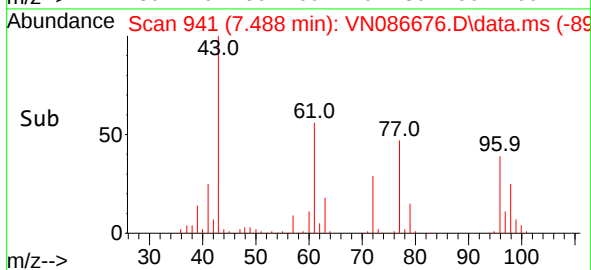
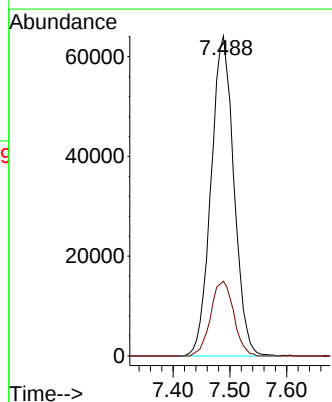
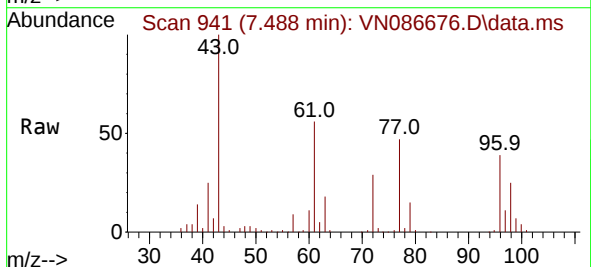
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

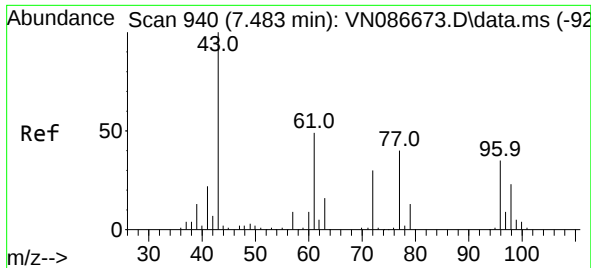
Tgt Ion: 43 Resp: 412876
Ion Ratio Lower Upper
43 100
72 28.8 23.1 34.7



#26
2,2-Dichloropropane
Concen: 47.102 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 77 Resp: 179110
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7

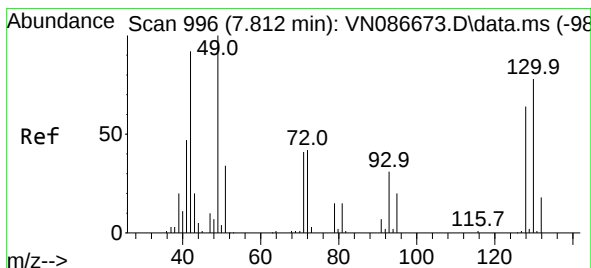
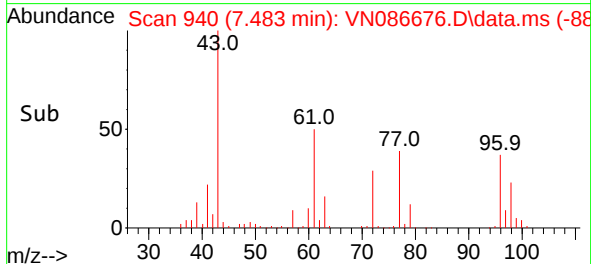
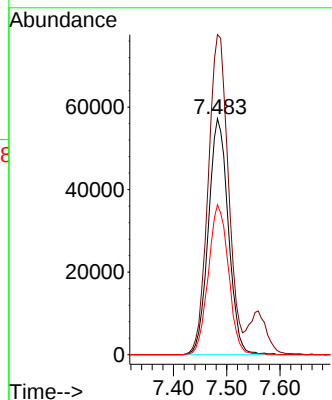
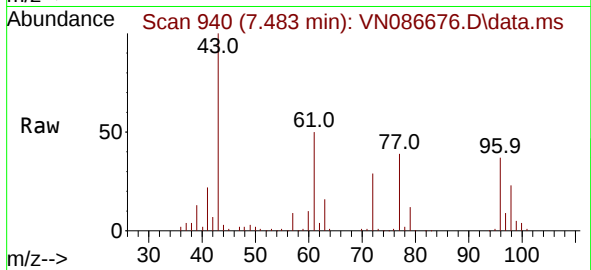




#27
 cis-1,2-Dichloroethene
 Concen: 49.878 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

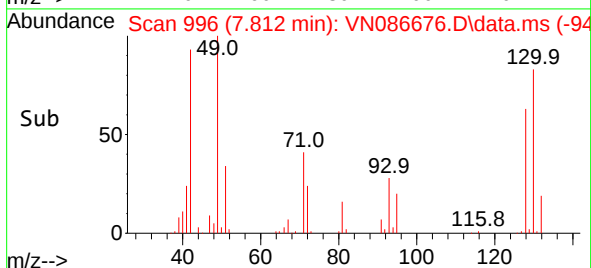
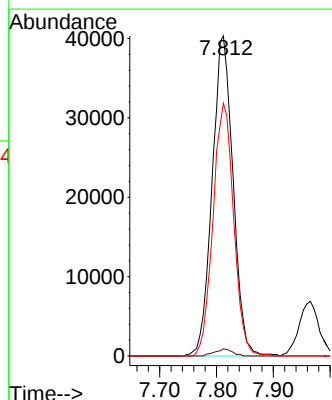
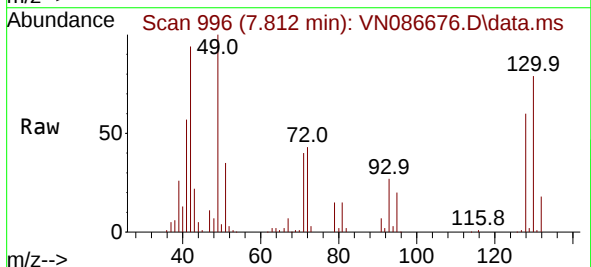
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051625

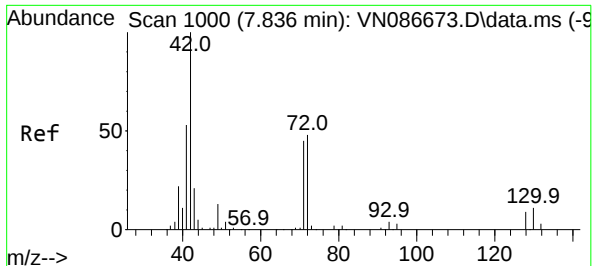
Tgt Ion: 96 Resp: 148770
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 277.4
 98 64.2 0.0 129.6



#28
 Bromochloromethane
 Concen: 49.112 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

Tgt Ion: 49 Resp: 102816
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 78.0 62.2 93.4





#29

Tetrahydrofuran

Concen: 254.994 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051625

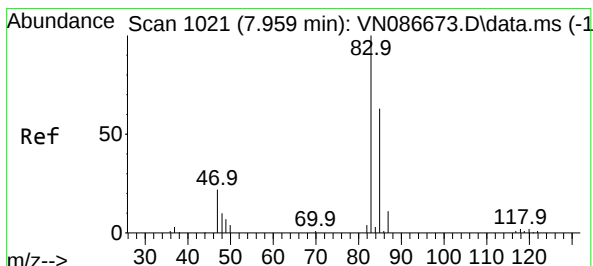
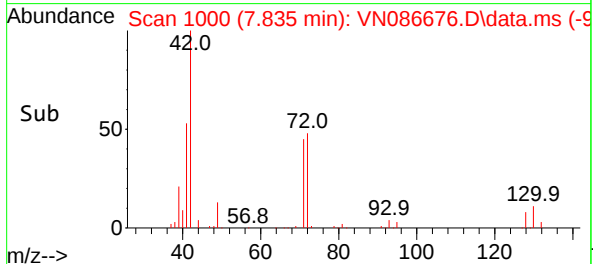
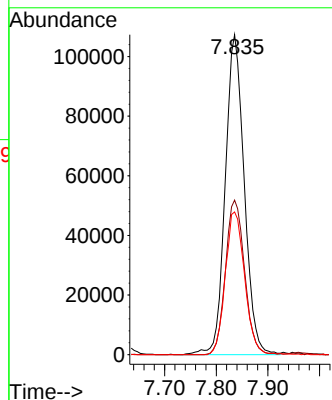
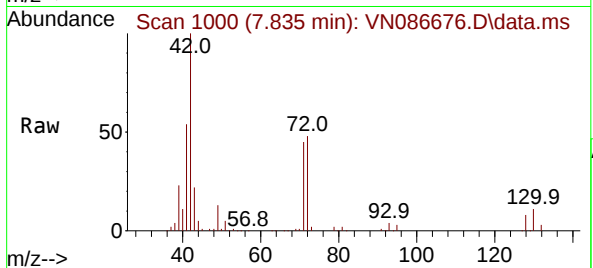
Tgt Ion: 42 Resp: 273939

Ion Ratio Lower Upper

42 100

72 48.7 38.7 58.1

71 45.6 36.2 54.4



#30

Chloroform

Concen: 48.554 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086676.D

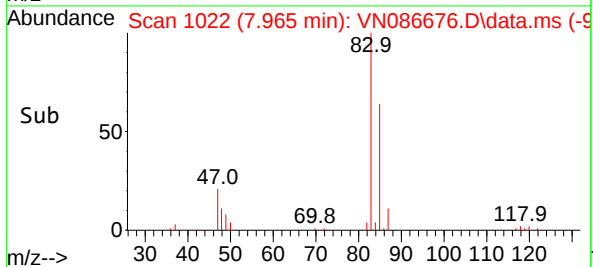
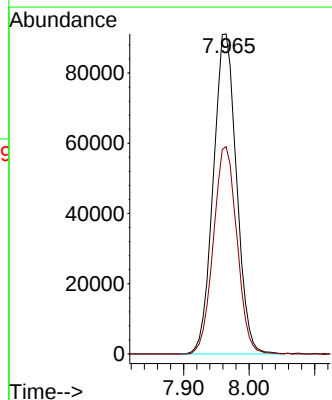
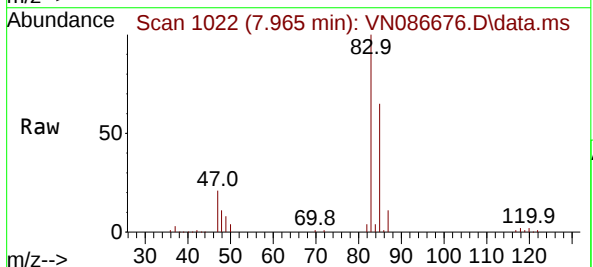
Acq: 16 May 2025 19:20

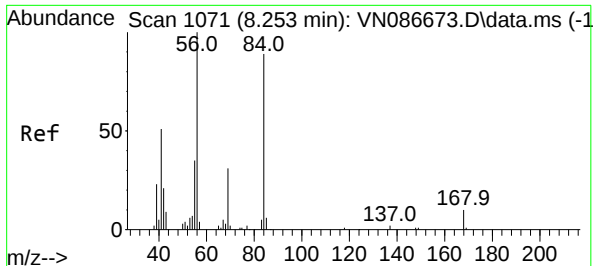
Tgt Ion: 83 Resp: 223931

Ion Ratio Lower Upper

83 100

85 64.8 50.2 75.4

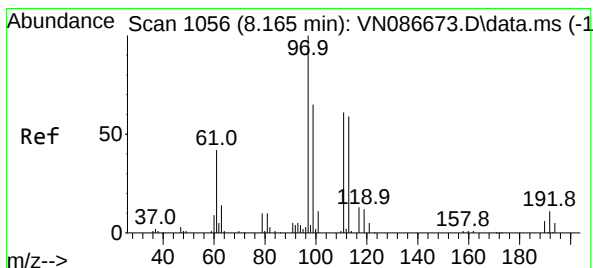
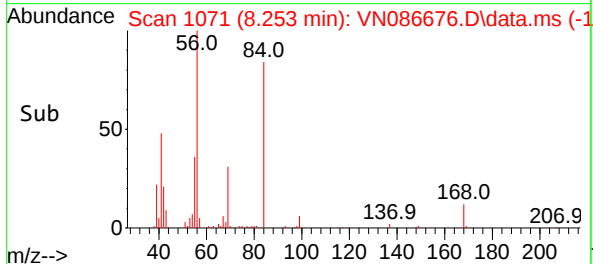
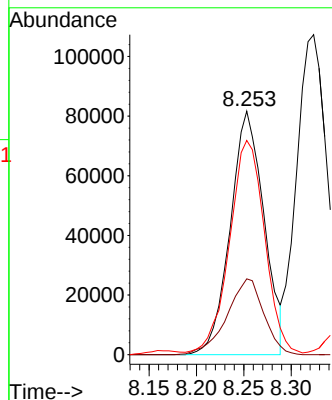
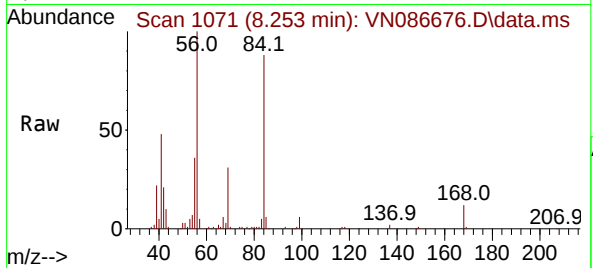




#31
Cyclohexane
Concen: 47.383 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

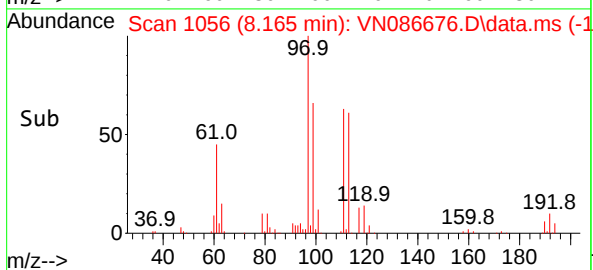
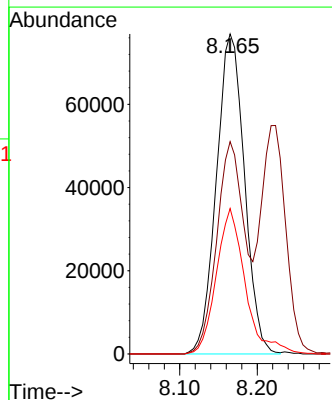
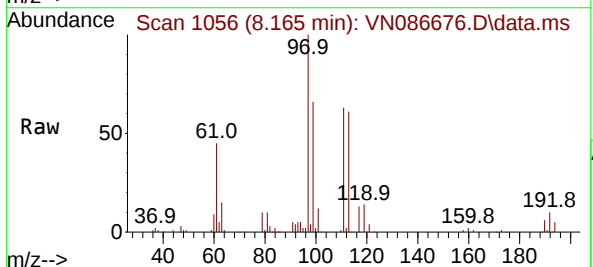
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

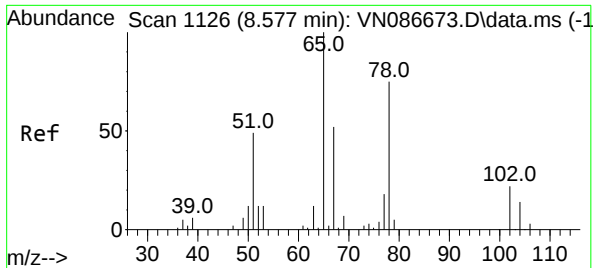
Tgt Ion: 56 Resp: 202489
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 86.9 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 49.842 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 97 Resp: 193811
Ion Ratio Lower Upper
97 100
99 66.1 52.6 79.0
61 46.8 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 49.261 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

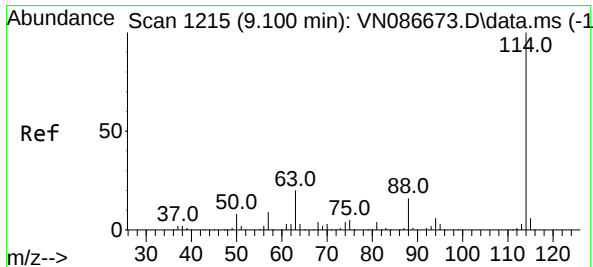
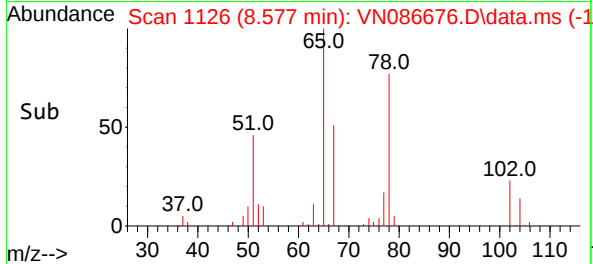
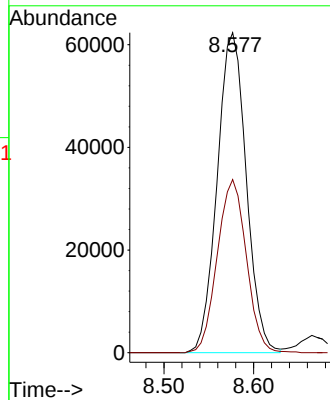
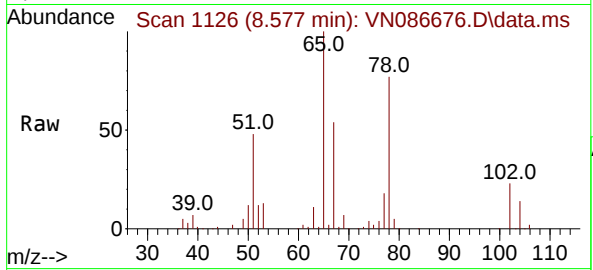
ICVVN051625

Tgt Ion: 65 Resp: 140264

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

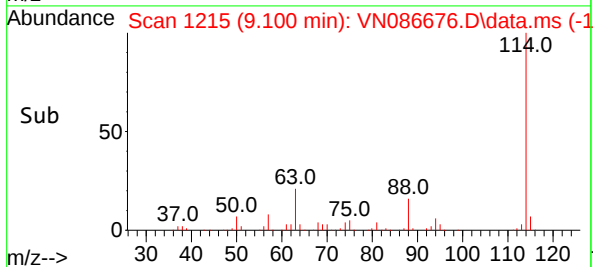
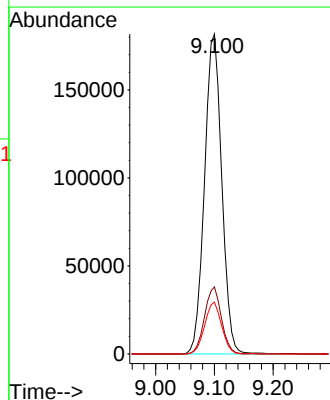
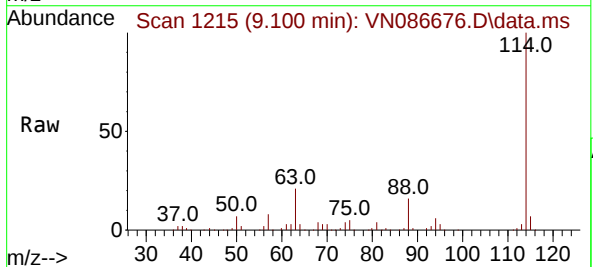
Tgt Ion: 114 Resp: 369474

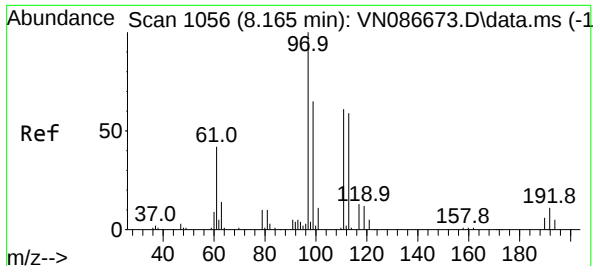
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

88 16.2 0.0 31.2

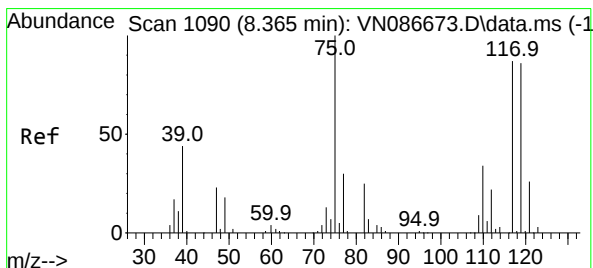
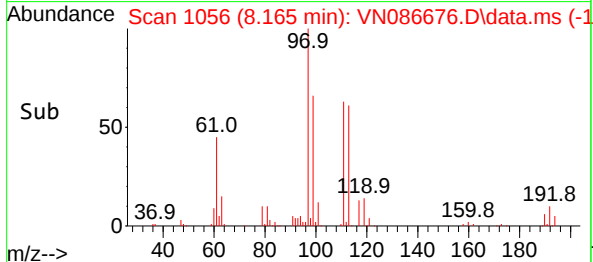
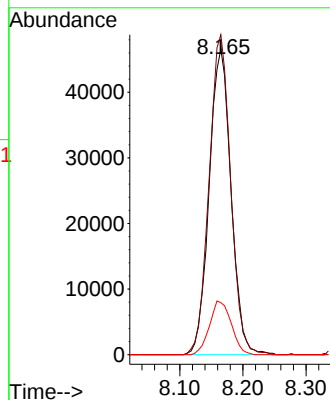
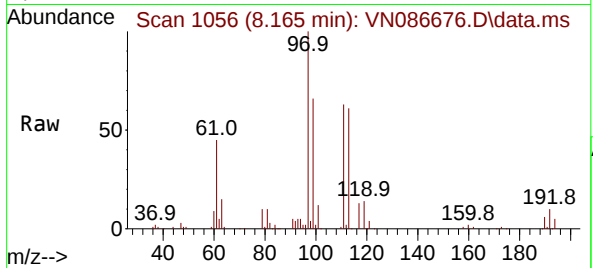




#35
Dibromofluoromethane
Concen: 50.868 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

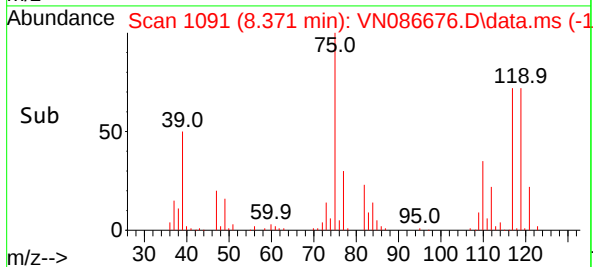
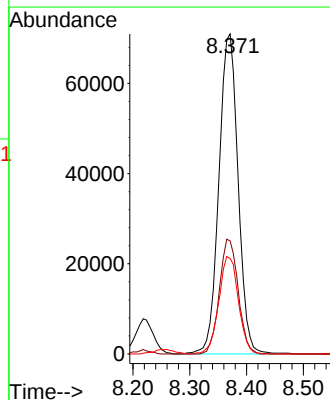
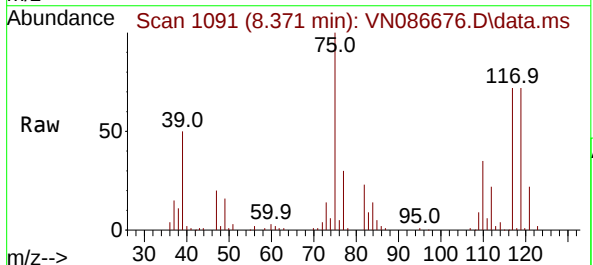
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

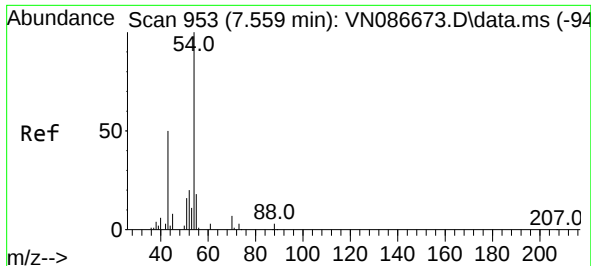
Tgt Ion:113 Resp: 111929
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 17.5 13.8 20.8



#36
1,1-Dichloropropene
Concen: 51.379 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 75 Resp: 166757
Ion Ratio Lower Upper
75 100
110 35.1 17.5 52.5
77 31.1 25.1 37.7

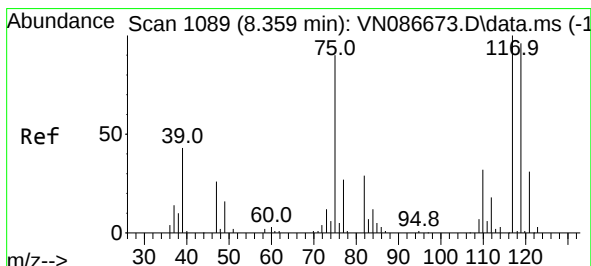
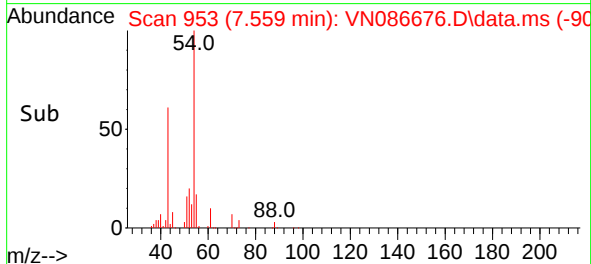
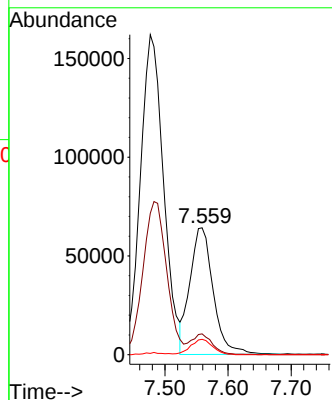
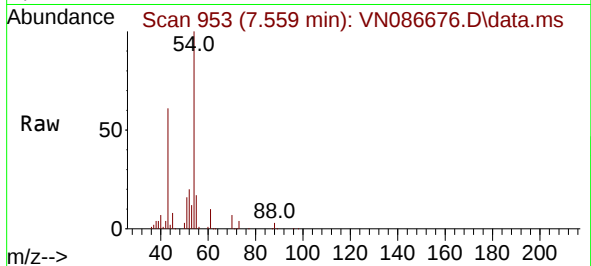




#37
Ethyl Acetate
Concen: 50.247 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

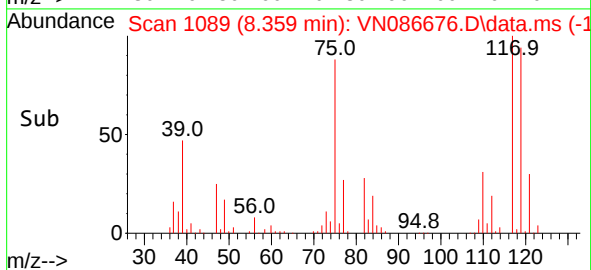
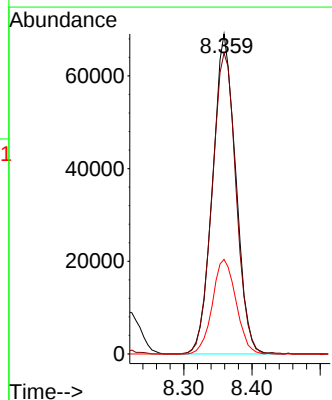
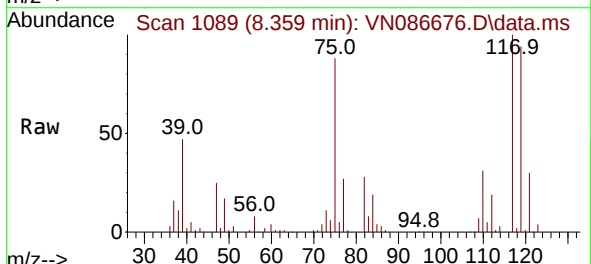
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

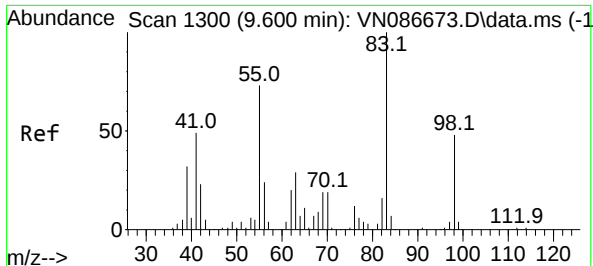
Tgt Ion: 43 Resp: 164737
Ion Ratio Lower Upper
43 100
61 14.2 11.6 17.4
70 11.4 9.4 14.0



#38
Carbon Tetrachloride
Concen: 50.871 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 117 Resp: 162681
Ion Ratio Lower Upper
117 100
119 94.0 77.0 115.6
121 29.5 25.0 37.6





#39

Methylcyclohexane

Concen: 51.961 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051625

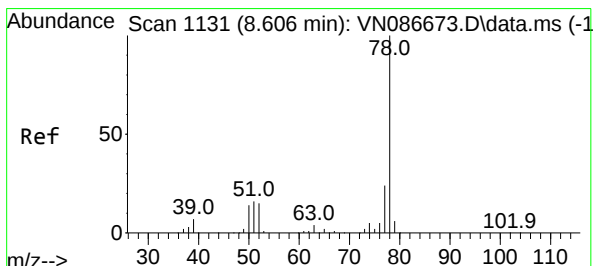
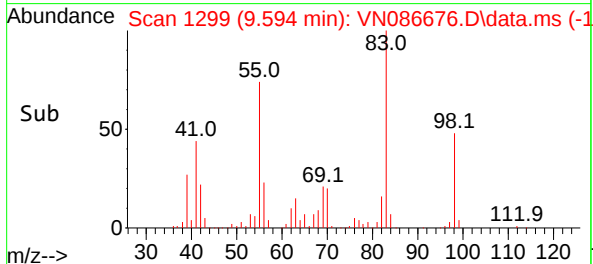
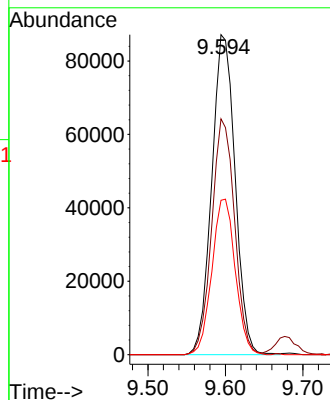
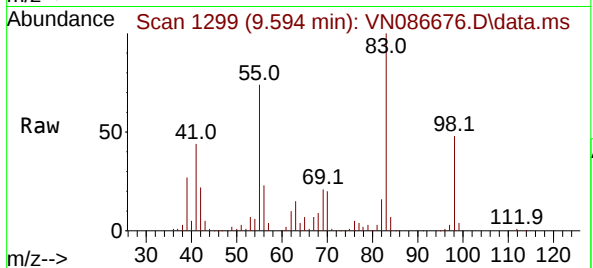
Tgt Ion: 83 Resp: 182529

Ion Ratio Lower Upper

83 100

55 73.7 58.2 87.4

98 48.3 38.4 57.6



#40

Benzene

Concen: 50.369 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086676.D

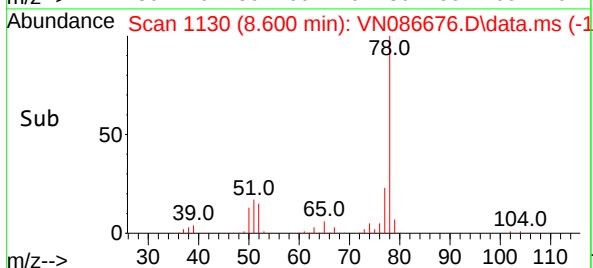
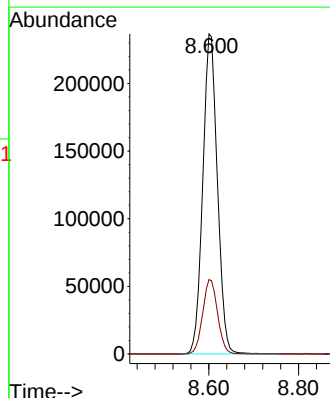
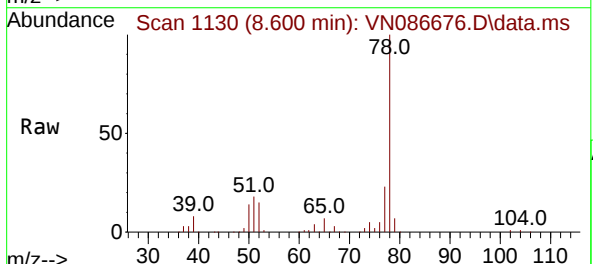
Acq: 16 May 2025 19:20

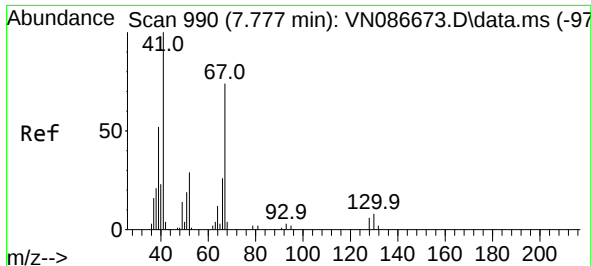
Tgt Ion: 78 Resp: 533304

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

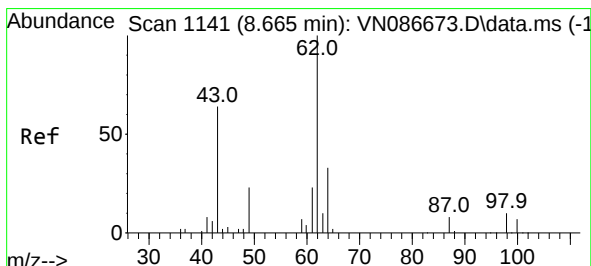
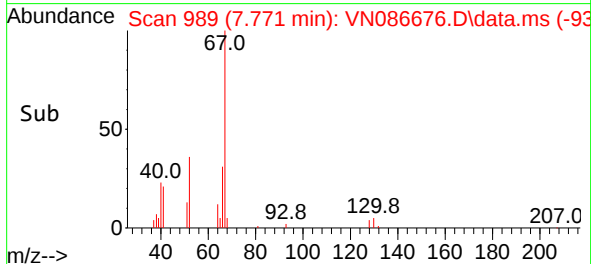
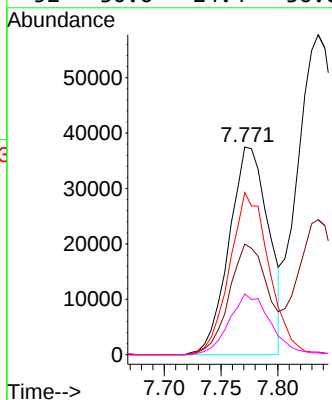
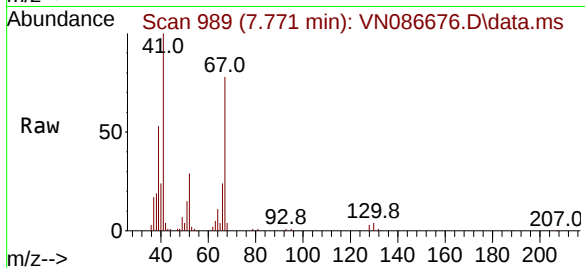




#41
Methacrylonitrile
Concen: 51.153 ug/l
RT: 7.771 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

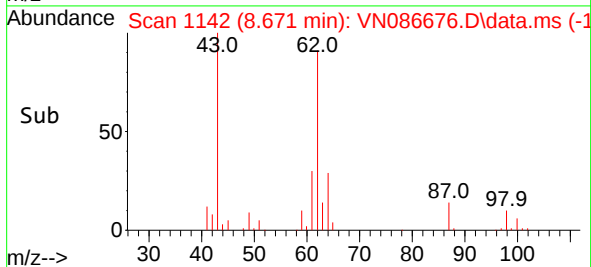
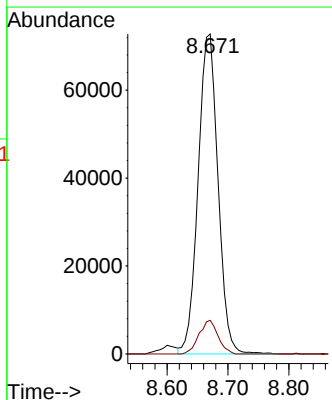
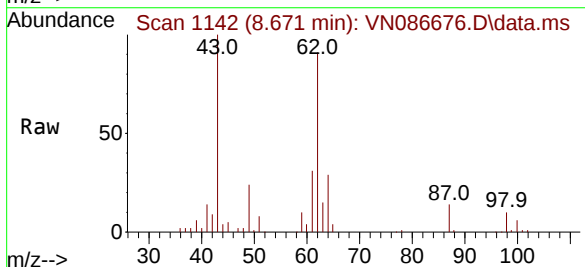
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

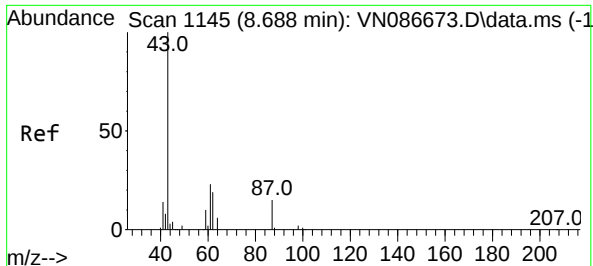
Tgt Ion:	41	Resp:	90551
Ion	Ratio	Lower	Upper
41	100		
39	51.9	44.9	67.3
67	78.6	63.4	95.0
52	30.6	24.4	36.6



#42
1,2-Dichloroethane
Concen: 50.029 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:	62	Resp:	165024
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.2

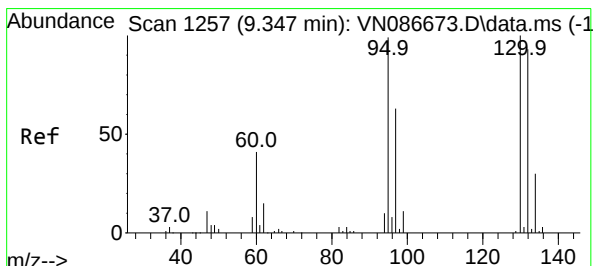
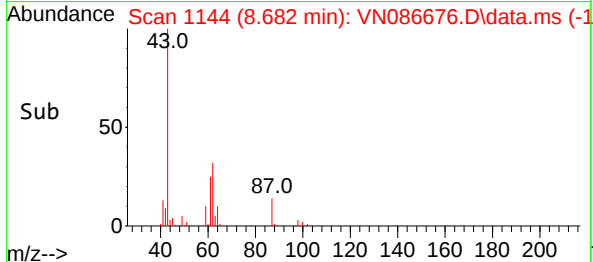
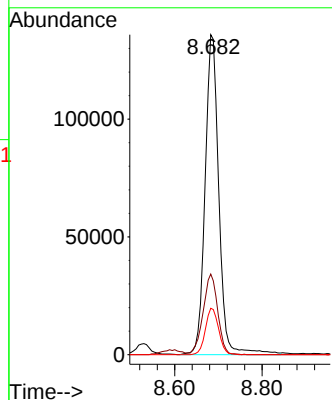
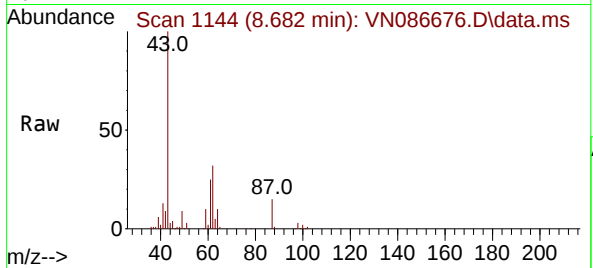




#43
Isopropyl Acetate
Concen: 45.341 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

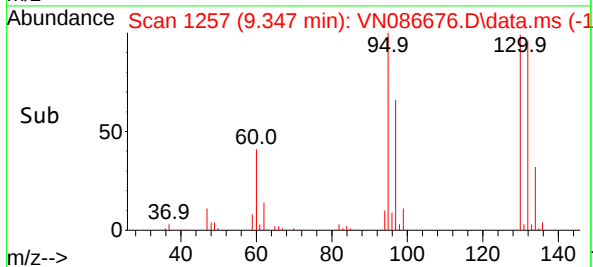
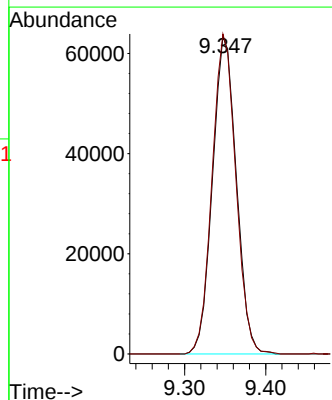
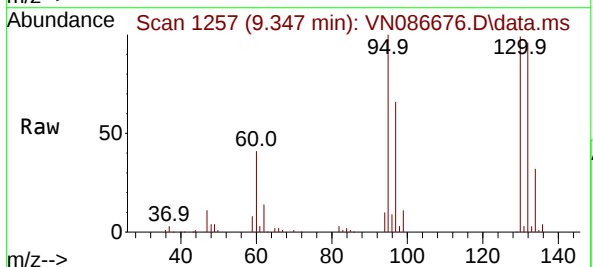
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

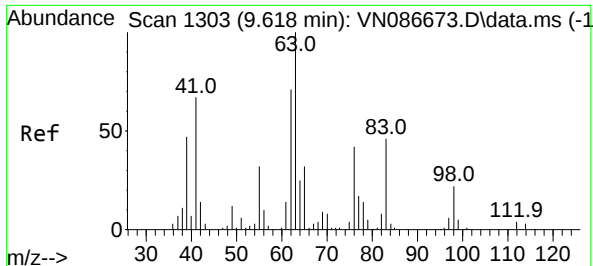
Tgt Ion: 43 Resp: 298004
Ion Ratio Lower Upper
43 100
61 26.7 21.4 32.2
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 50.647 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:130 Resp: 129339
Ion Ratio Lower Upper
130 100
95 100.8 0.0 197.0





#45

1,2-Dichloropropane

Concen: 50.475 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

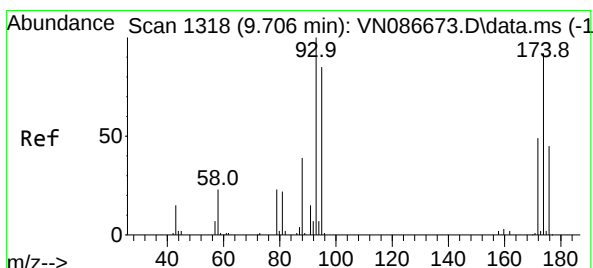
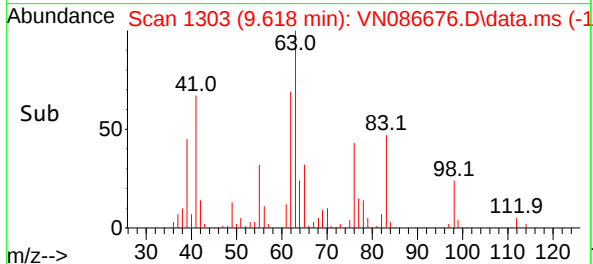
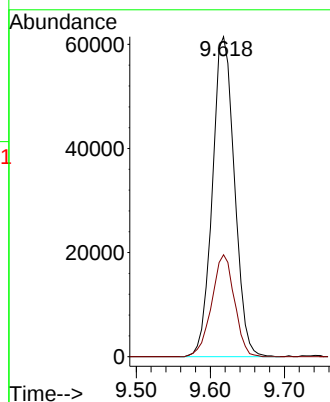
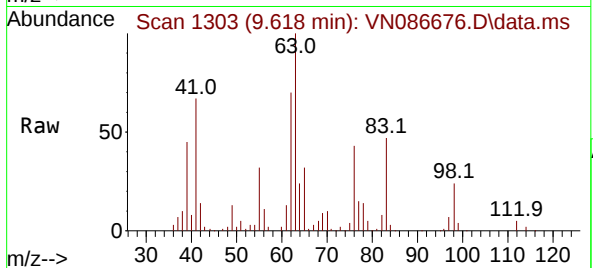
ICVVN051625

Tgt Ion: 63 Resp: 126955

Ion Ratio Lower Upper

63 100

65 31.8 25.8 38.6



#46

Dibromomethane

Concen: 50.246 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

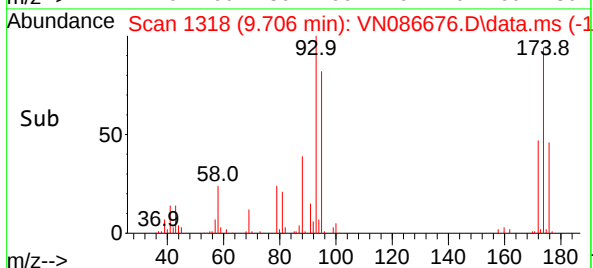
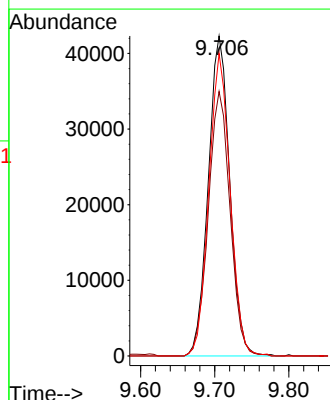
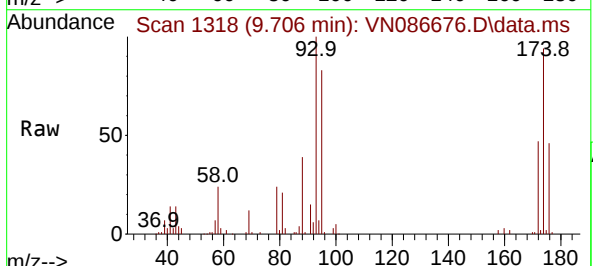
Tgt Ion: 93 Resp: 85276

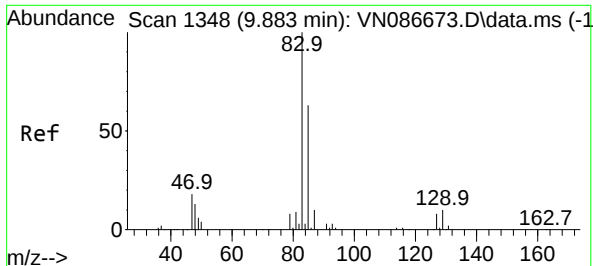
Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

174 93.6 73.8 110.6





#47

Bromodichloromethane

Concen: 50.719 ug/l

RT: 9.882 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051625

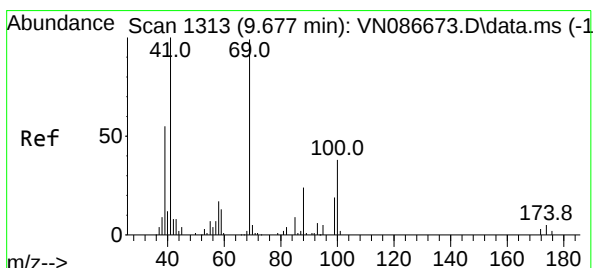
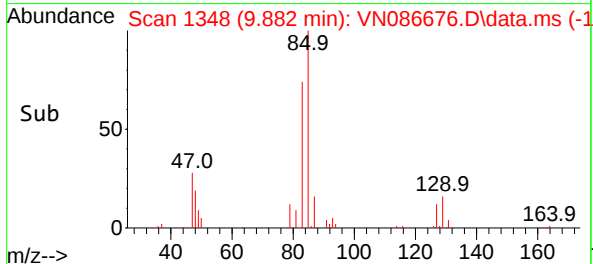
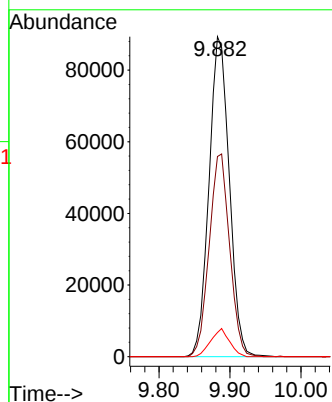
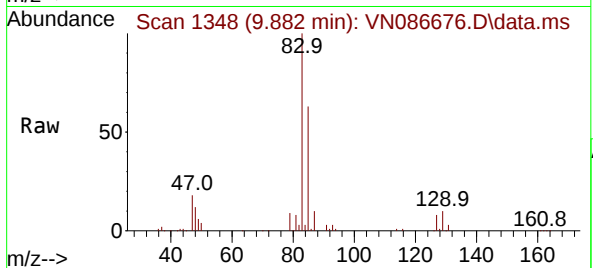
Tgt Ion: 83 Resp: 177360

Ion Ratio Lower Upper

83 100

85 62.6 50.1 75.1

127 7.6 6.2 9.4



#48

Methyl methacrylate

Concen: 51.620 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

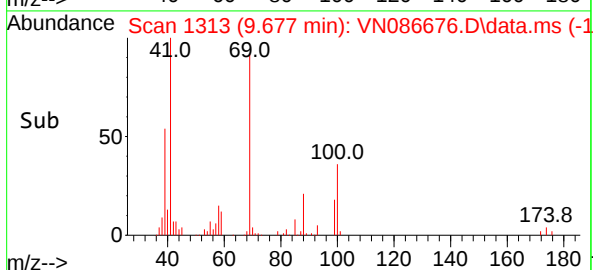
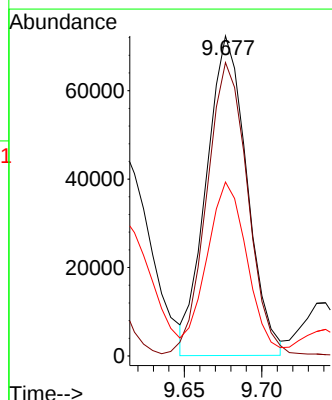
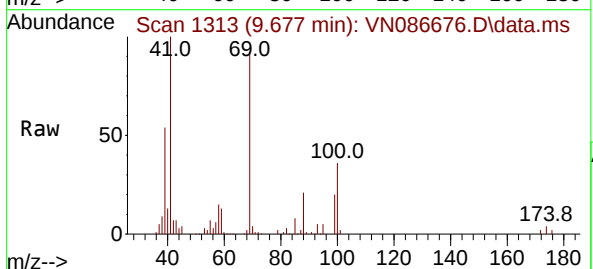
Tgt Ion: 41 Resp: 131470

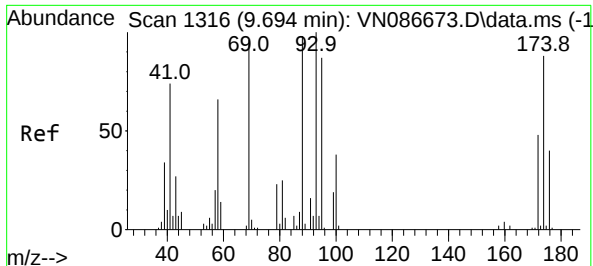
Ion Ratio Lower Upper

41 100

69 93.7 74.1 111.1

39 54.7 44.1 66.1





#49

1,4-Dioxane

Concen: 1064.544 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051625

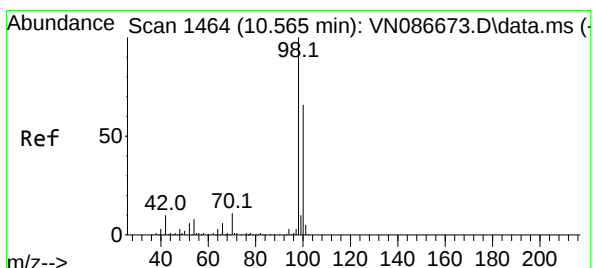
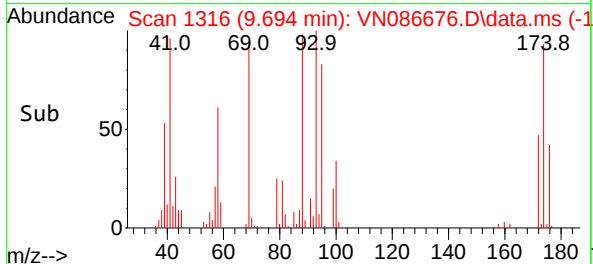
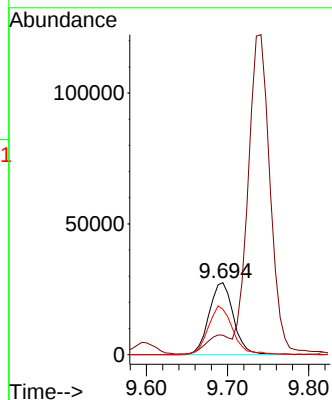
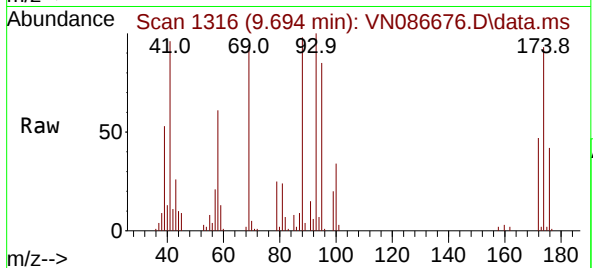
Tgt Ion: 88 Resp: 57410

Ion Ratio Lower Upper

88 100

43 23.7 23.6 35.4

58 68.6 55.3 82.9



#50

Toluene-d8

Concen: 51.886 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086676.D

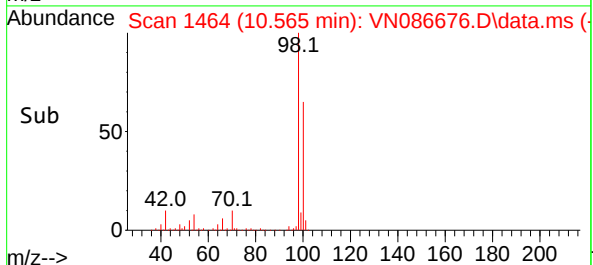
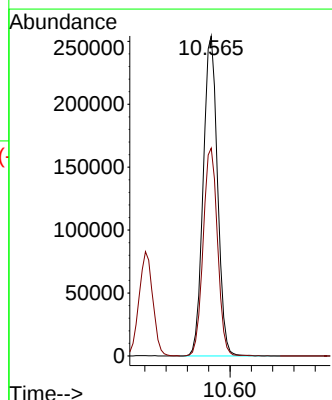
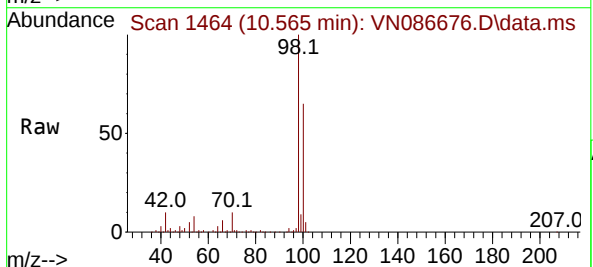
Acq: 16 May 2025 19:20

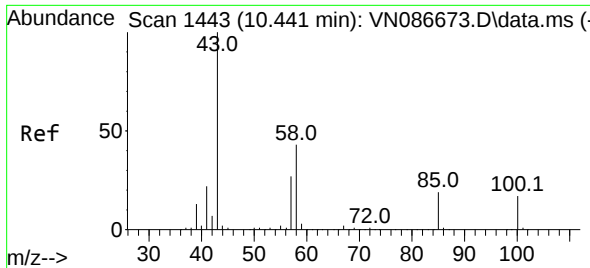
Tgt Ion: 98 Resp: 473116

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3

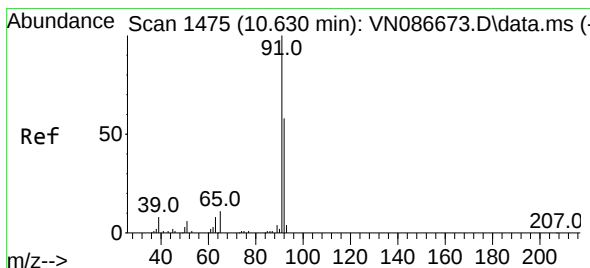
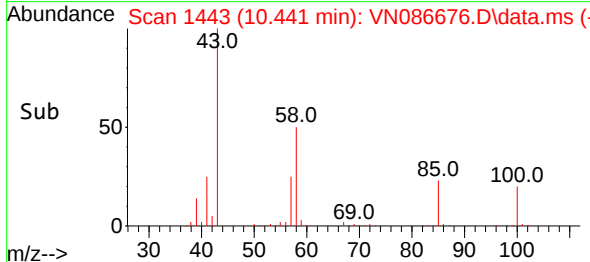
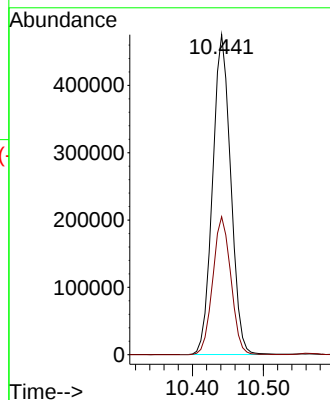
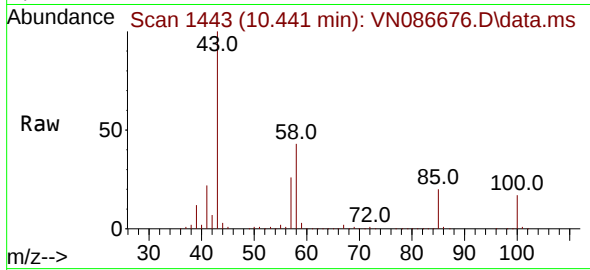




#51
4-Methyl-2-Pentanone
Concen: 253.963 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

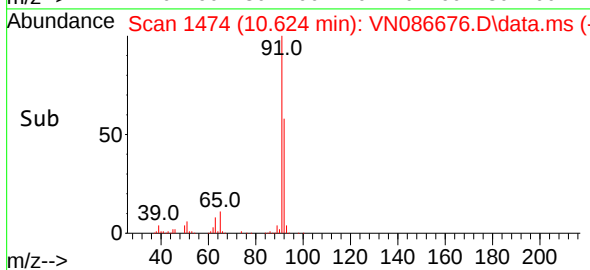
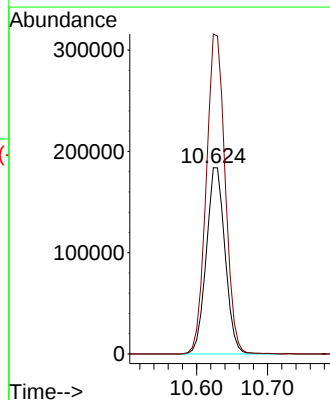
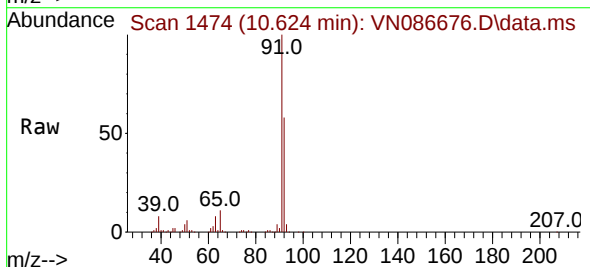
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

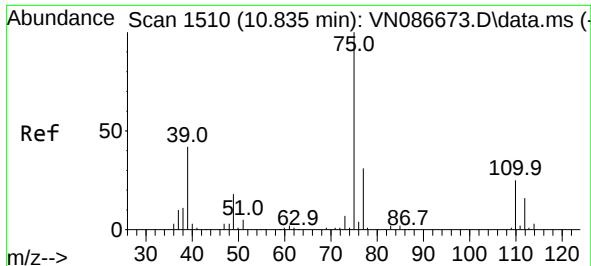
Tgt Ion: 43 Resp: 841754
Ion Ratio Lower Upper
43 100
58 43.0 33.9 50.9



#52
Toluene
Concen: 51.401 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 92 Resp: 338248
Ion Ratio Lower Upper
92 100
91 172.7 137.8 206.8

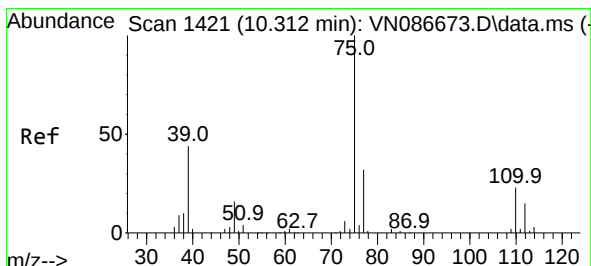
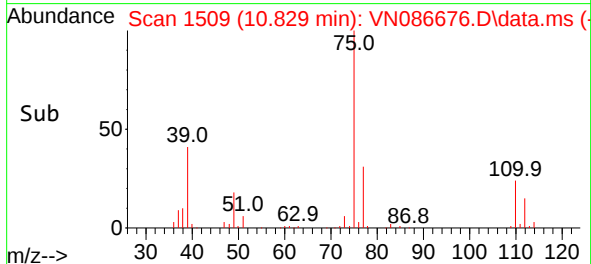
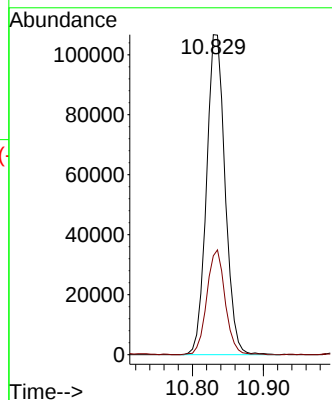
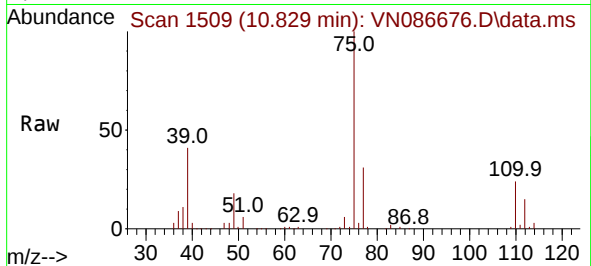




#53
 t-1,3-Dichloropropene
 Concen: 52.432 ug/l
 RT: 10.829 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

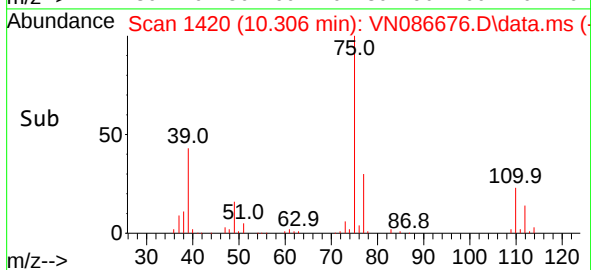
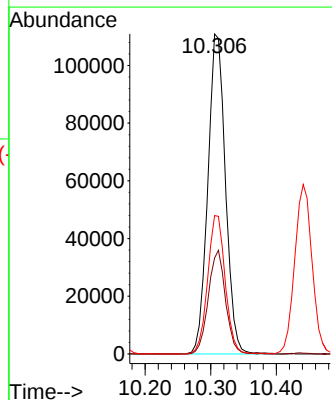
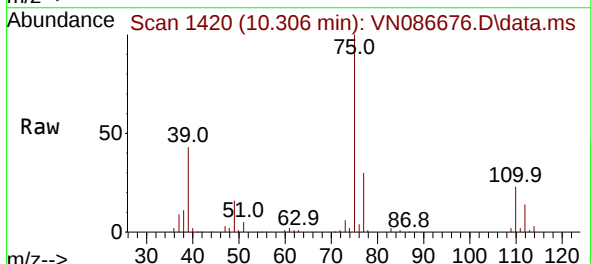
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051625

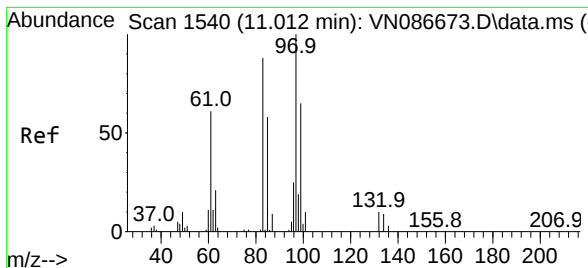
Tgt Ion: 75 Resp: 194124
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.351 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

Tgt Ion: 75 Resp: 207544
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.3 37.9
 39 43.3 35.2 52.8

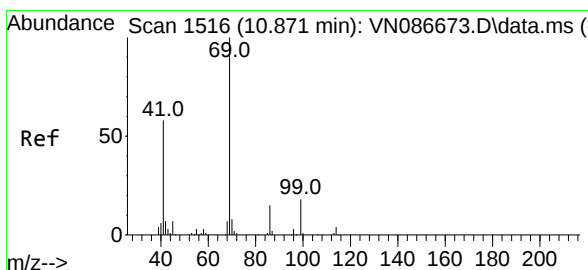
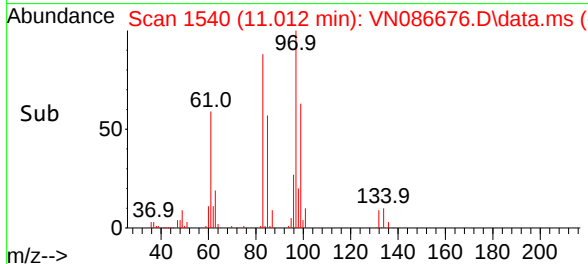
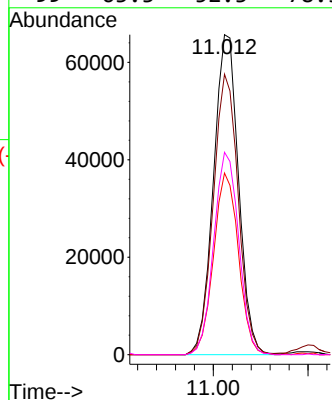
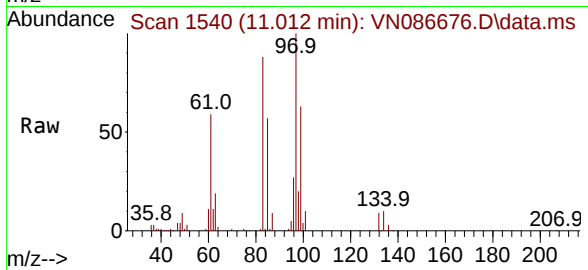




#55
1,1,2-Trichloroethane
Concen: 49.290 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

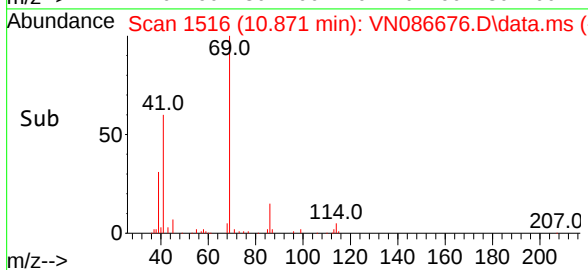
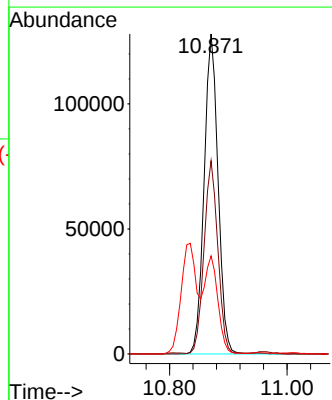
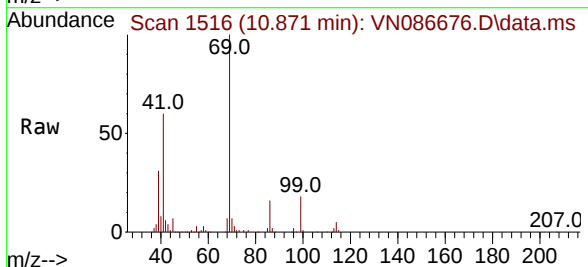
Instrument : MSVOA_N
ClientSampleId : ICVVN051625

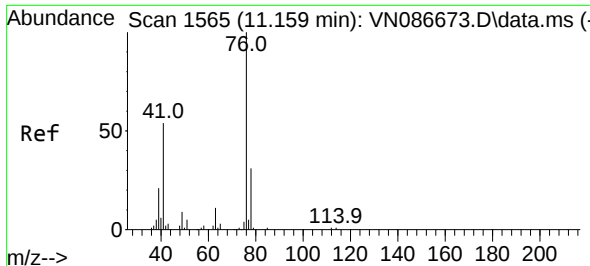
Tgt Ion:	97	Resp:	120996
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.4	105.6
85	56.7	46.1	69.1
99	63.3	52.3	78.5



#56
Ethyl methacrylate
Concen: 53.596 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:	69	Resp:	211241
Ion	Ratio	Lower	Upper
69	100		
41	59.2	47.4	71.0
39	28.6	24.0	36.0





#57

1,3-Dichloropropane

Concen: 50.196 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

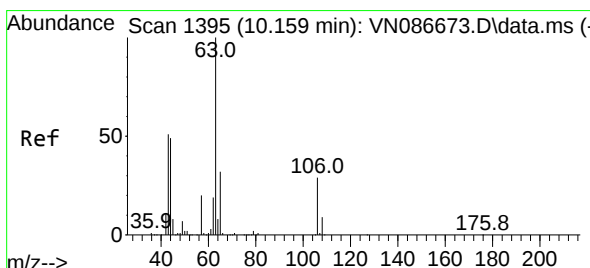
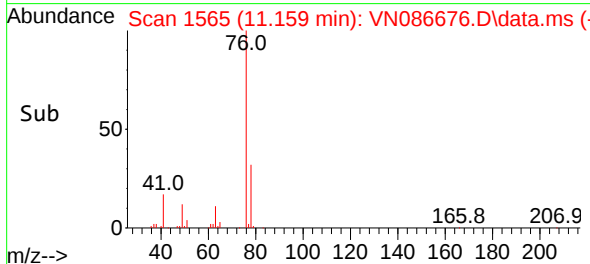
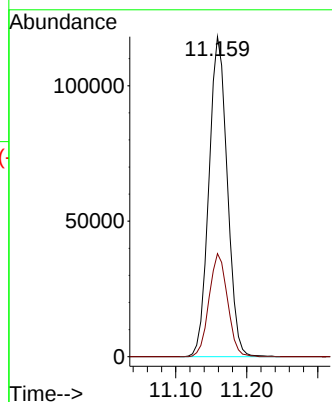
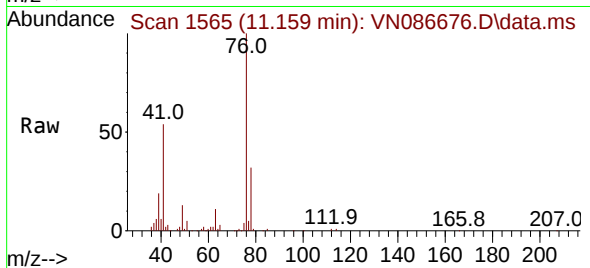
ICVVN051625

Tgt Ion: 76 Resp: 212276

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 270.990 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086676.D

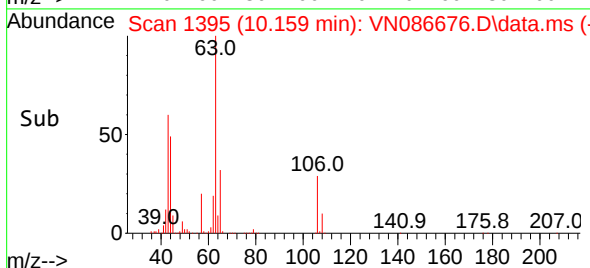
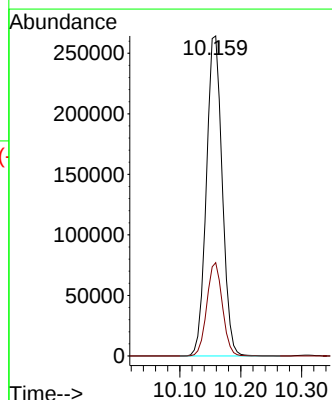
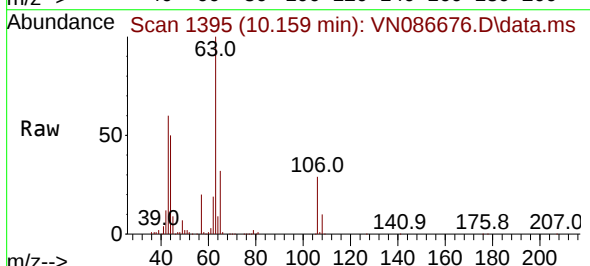
Acq: 16 May 2025 19:20

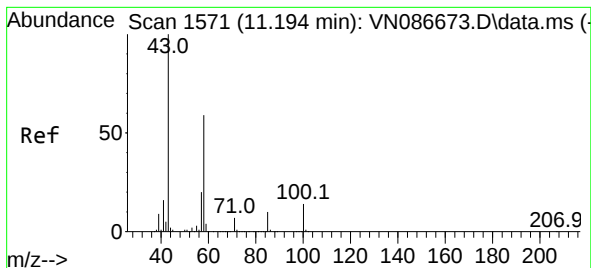
Tgt Ion: 63 Resp: 477348

Ion Ratio Lower Upper

63 100

106 28.6 23.1 34.7

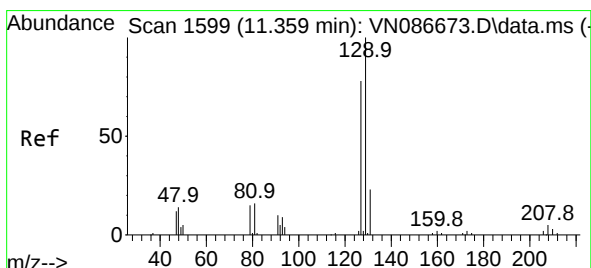
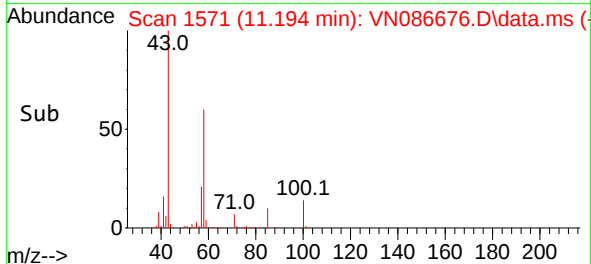
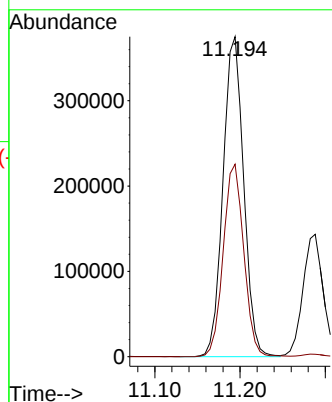
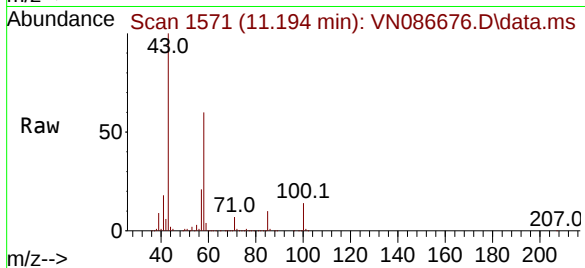




#59
2-Hexanone
Concen: 260.961 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

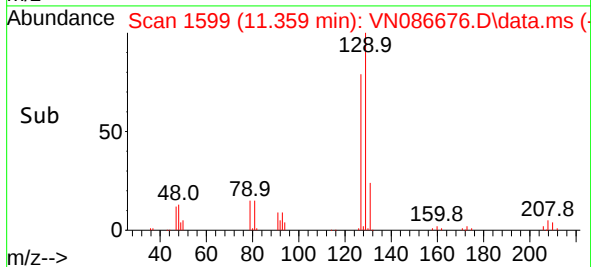
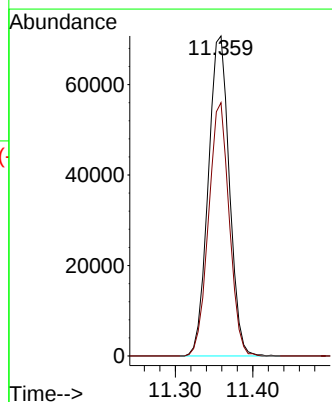
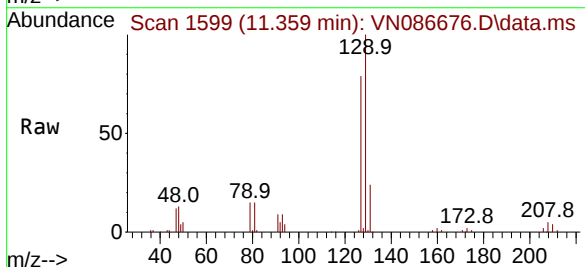
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

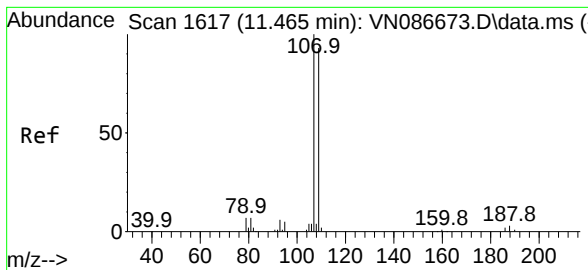
Tgt Ion: 43 Resp: 631633
Ion Ratio Lower Upper
43 100
58 59.8 29.8 89.5



#60
Dibromochloromethane
Concen: 52.080 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 129 Resp: 133981
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.3

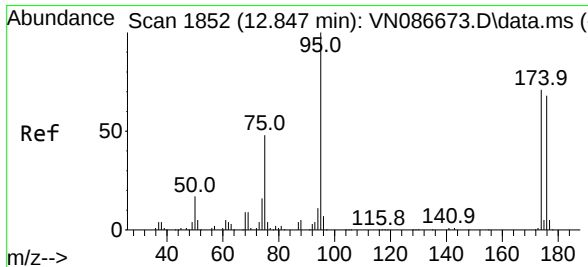
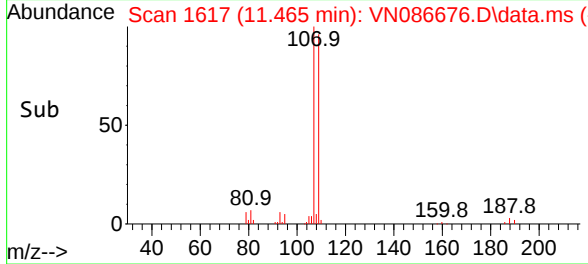
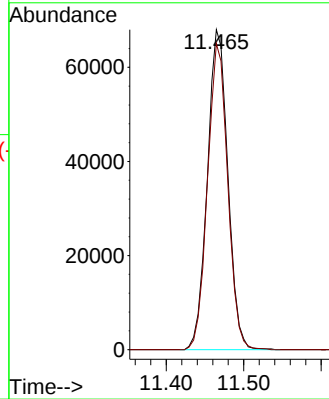
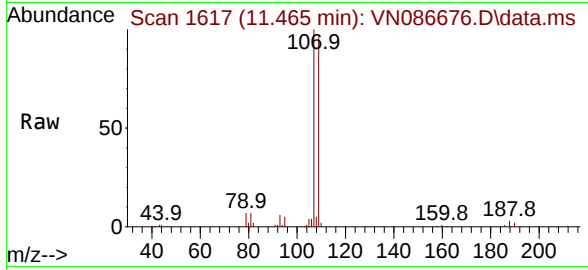




#61
1,2-Dibromoethane
Concen: 50.647 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

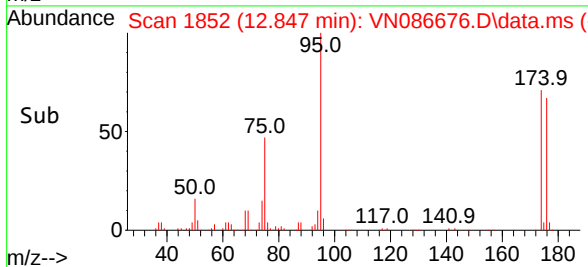
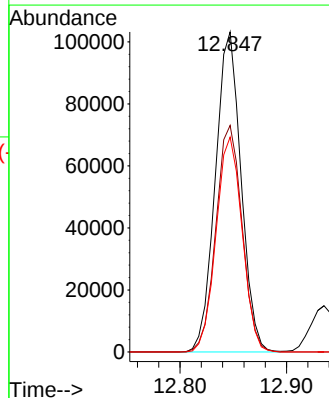
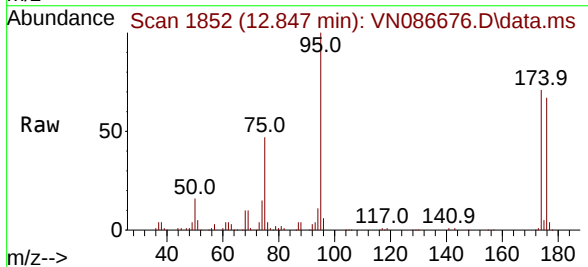
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

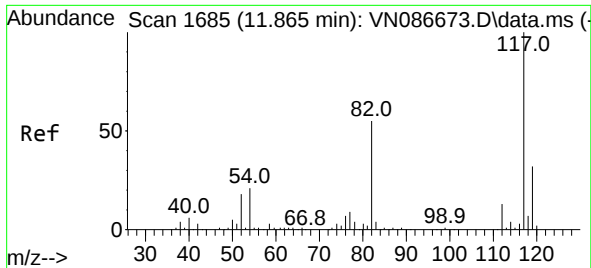
Tgt Ion:107 Resp: 124934
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 53.653 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 95 Resp: 172745
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.4
176 68.1 0.0 137.8

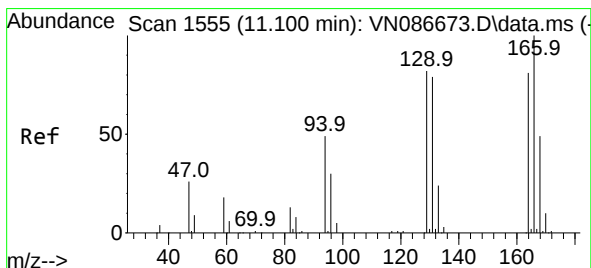
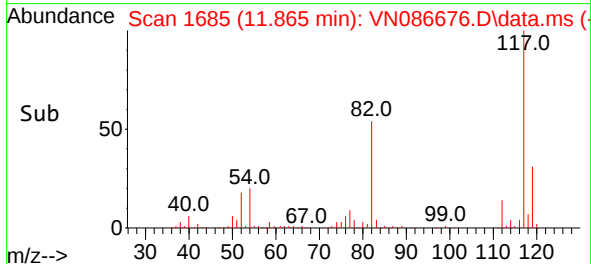
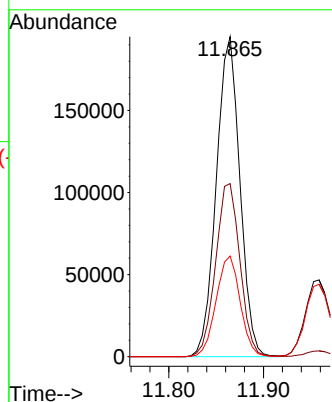
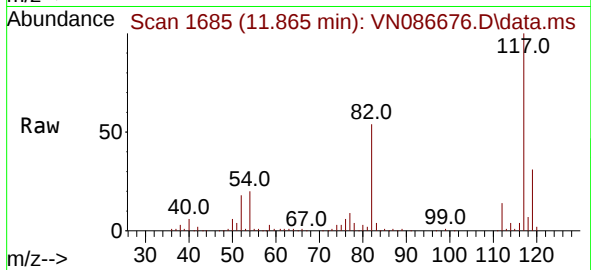




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

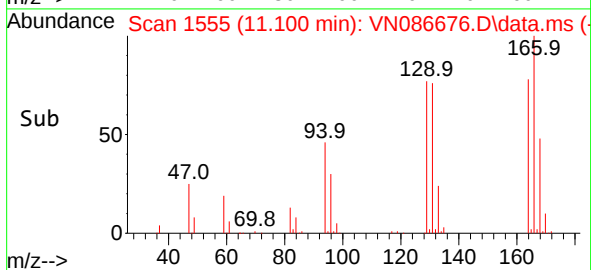
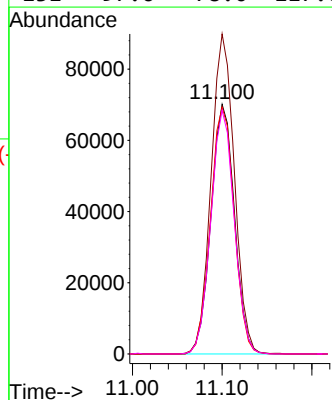
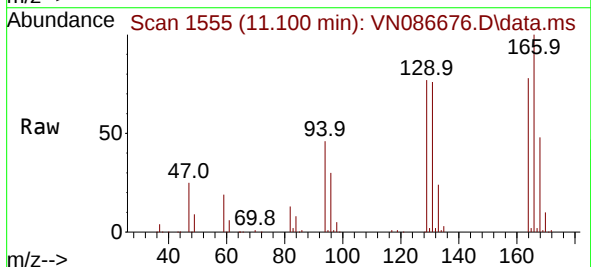
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

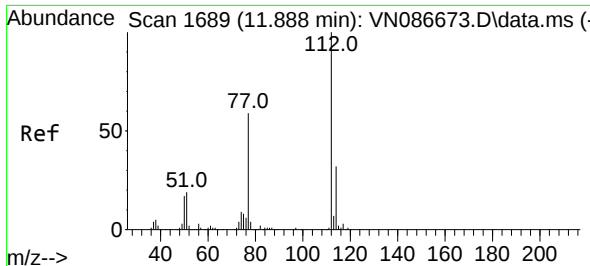
Tgt Ion:117 Resp: 337944
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 31.5 25.4 38.2



#64
Tetrachloroethene
Concen: 49.218 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:164 Resp: 127416
Ion Ratio Lower Upper
164 100
166 128.2 98.2 147.4
129 98.9 81.0 121.4
131 97.6 78.0 117.0

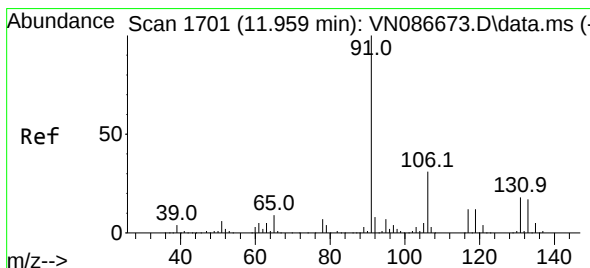
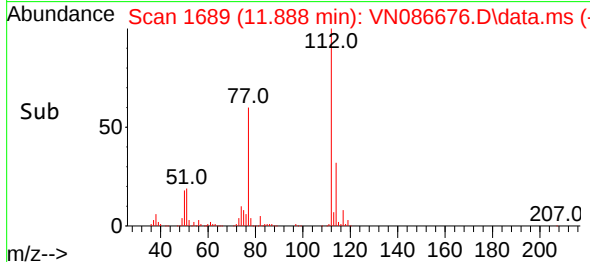
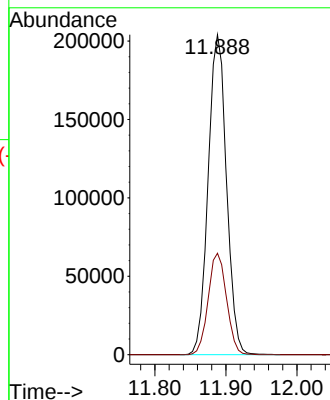
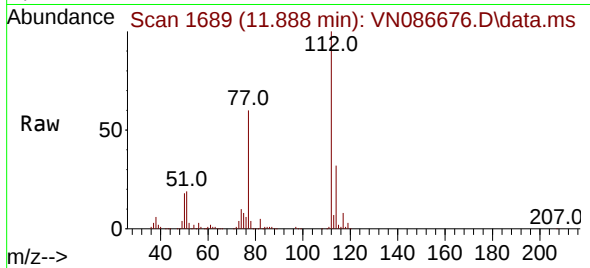




#65
Chlorobenzene
Concen: 49.389 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

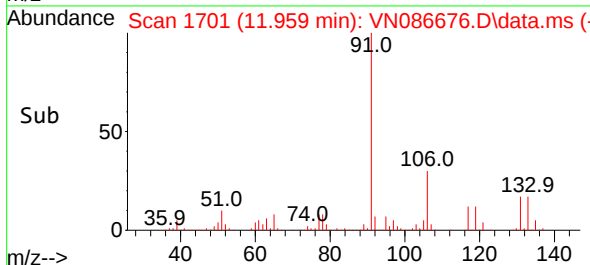
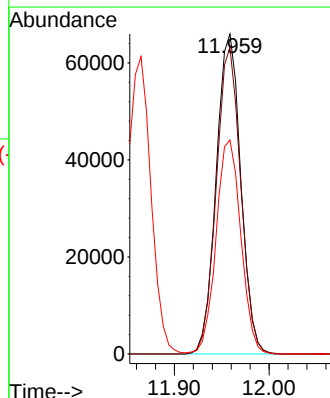
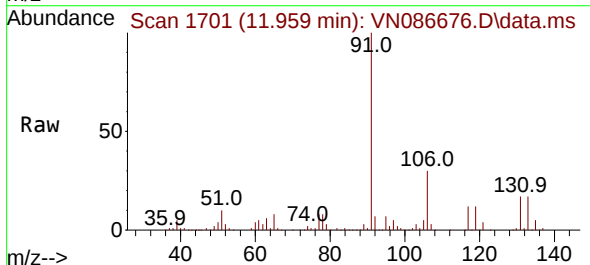
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

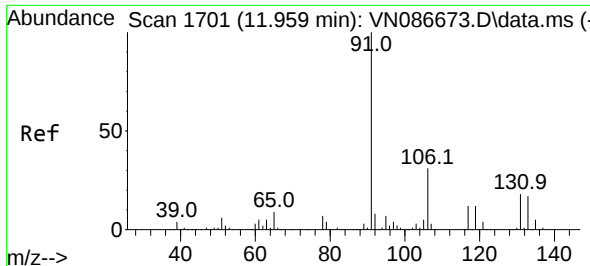
Tgt Ion:112 Resp: 366001
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.660 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:131 Resp: 118803
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 67.7 33.6 100.8





#67

Ethyl Benzene

Concen: 50.773 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

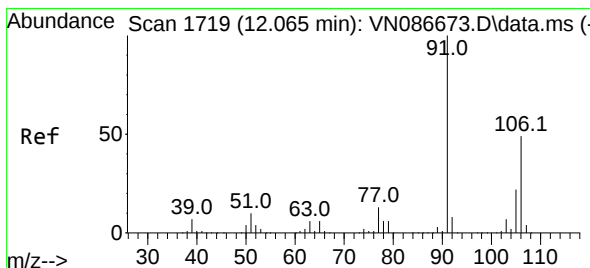
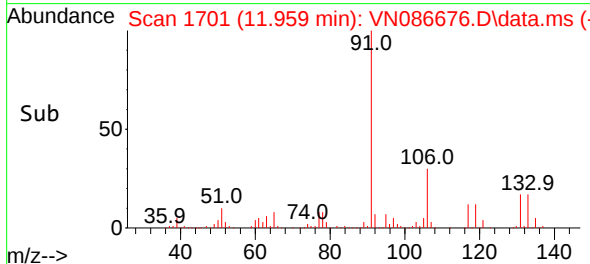
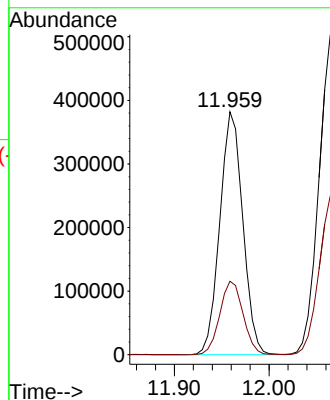
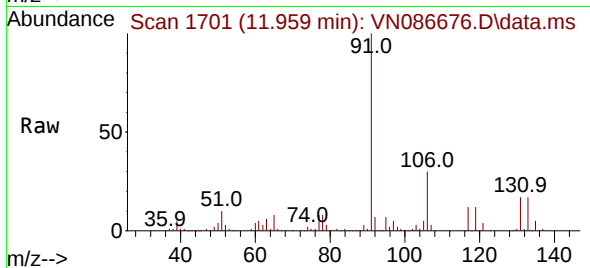
ICVNV051625

Tgt Ion: 91 Resp: 644463

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 103.321 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086676.D

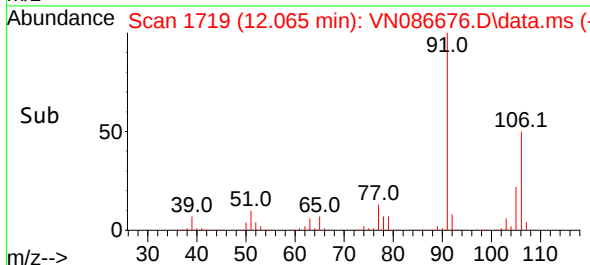
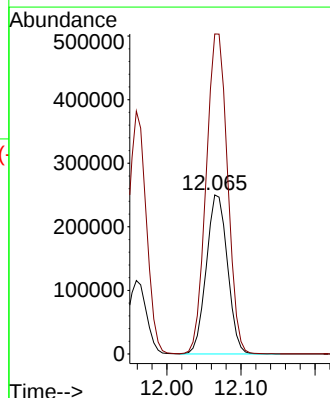
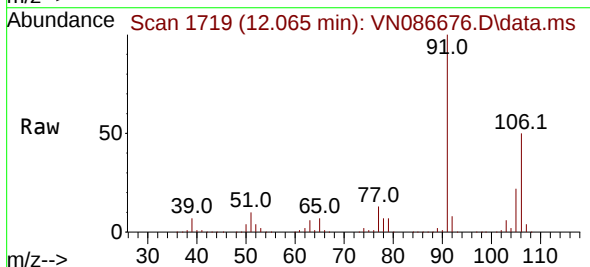
Acq: 16 May 2025 19:20

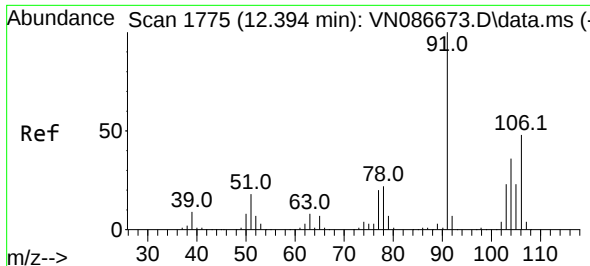
Tgt Ion:106 Resp: 496729

Ion Ratio Lower Upper

106 100

91 203.1 162.4 243.6

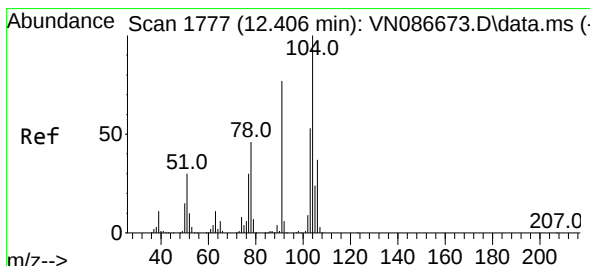
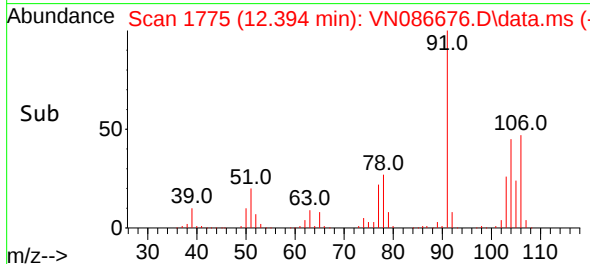
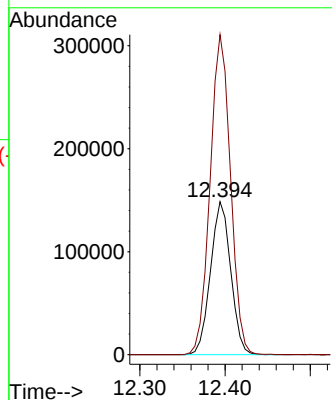
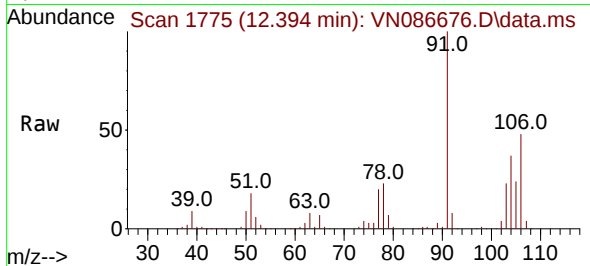




#69
o-Xylene
Concen: 51.191 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

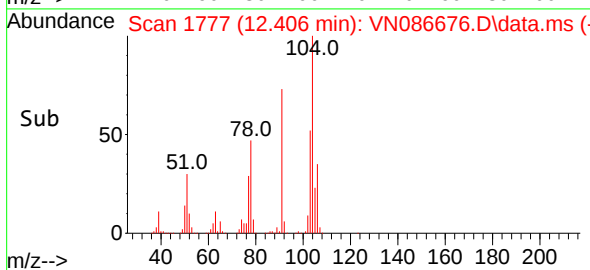
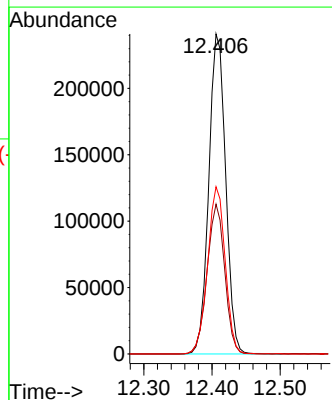
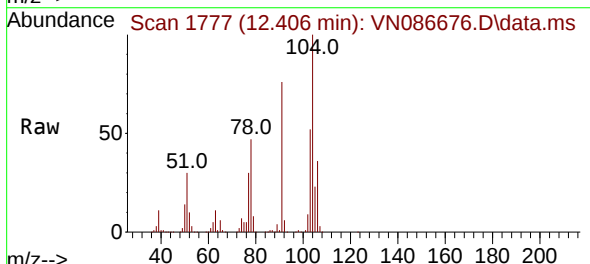
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

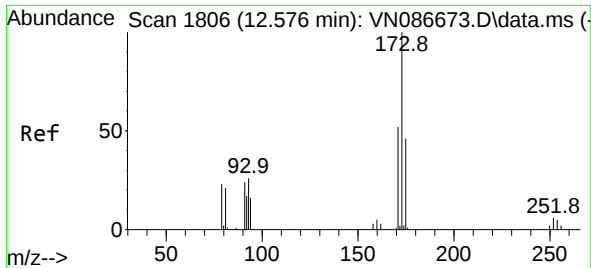
Tgt Ion:106 Resp: 244673
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.1



#70
Styrene
Concen: 53.030 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:104 Resp: 414973
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.5 43.8 65.8

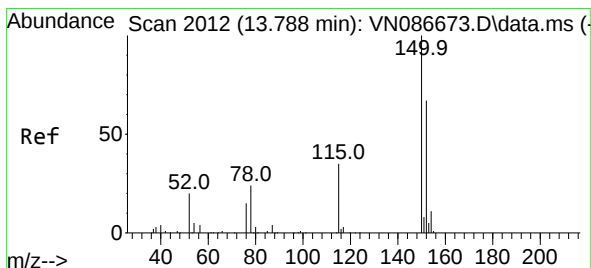
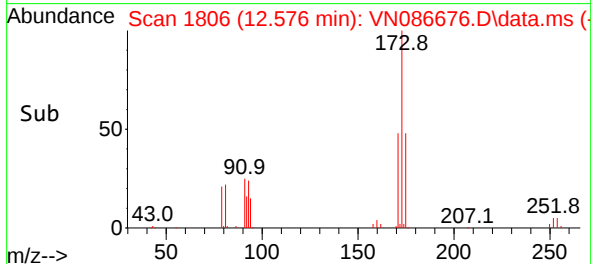
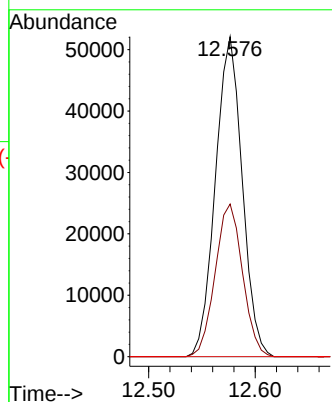
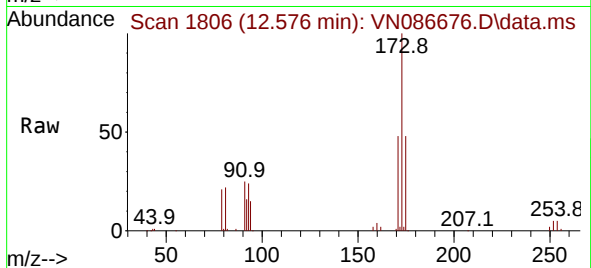




#71
Bromoform
Concen: 53.523 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

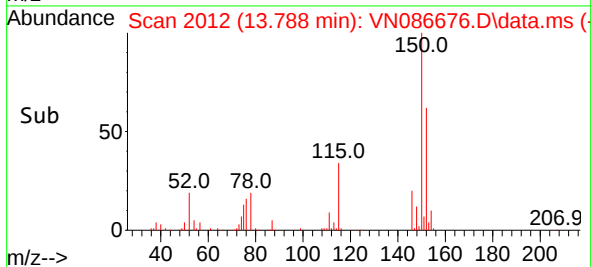
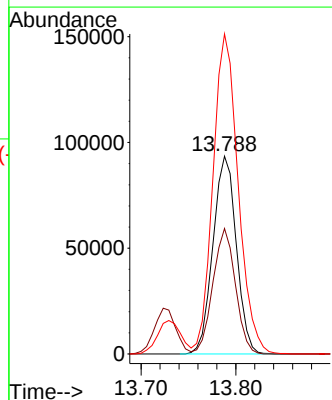
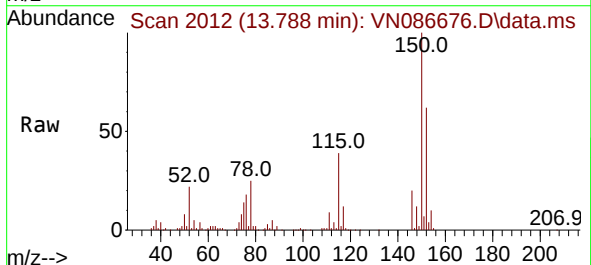
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

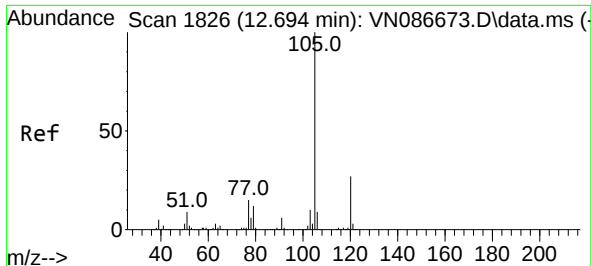
Tgt Ion:173 Resp: 91062
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:152 Resp: 160071
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 174.6 0.0 347.8

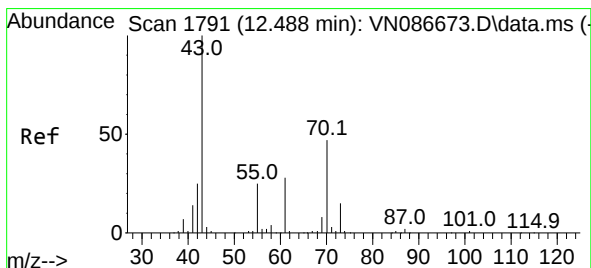
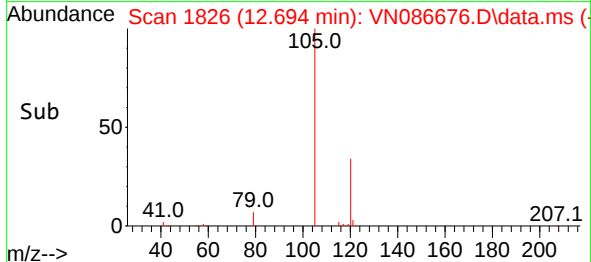
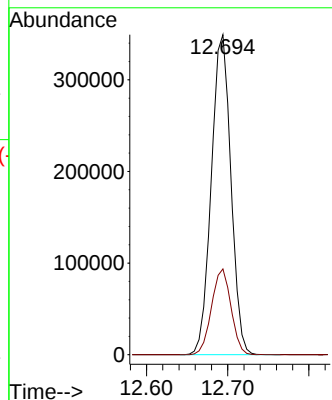
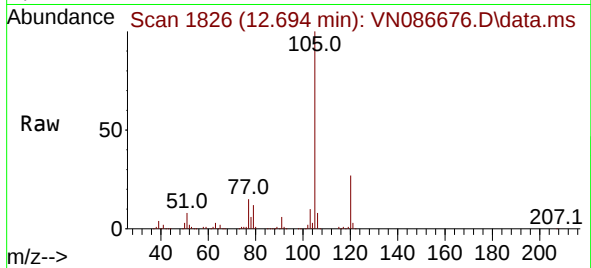




#73
Isopropylbenzene
Concen: 47.295 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

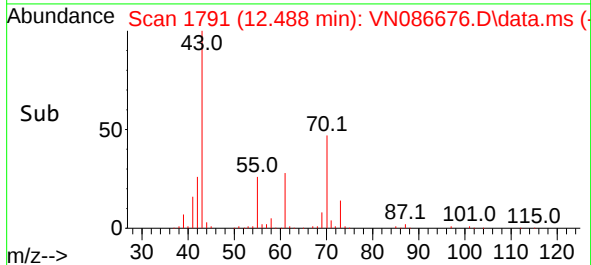
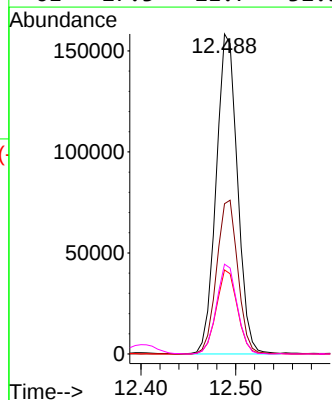
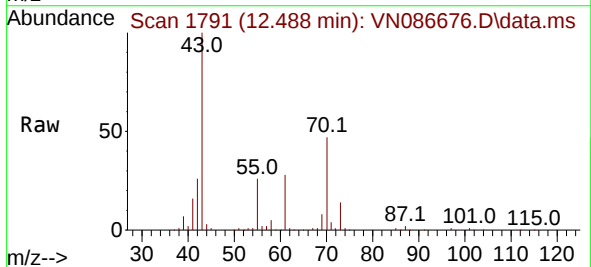
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

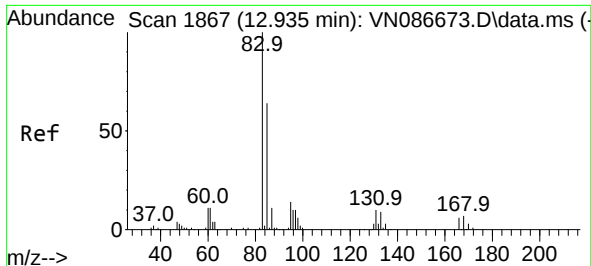
Tgt Ion:105 Resp: 584704
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 47.905 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 43 Resp: 247445
Ion Ratio Lower Upper
43 100
70 48.0 37.9 56.9
55 26.0 20.5 30.7
61 27.3 21.7 32.5

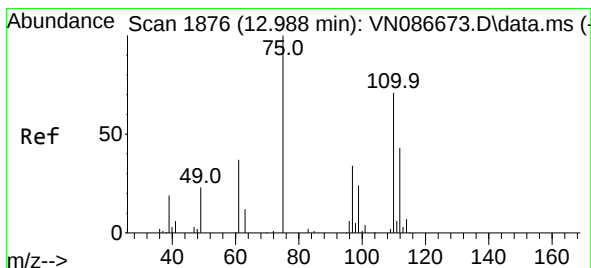
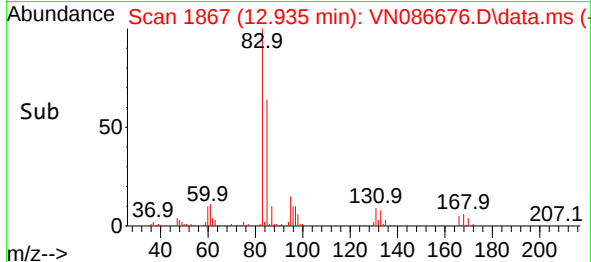
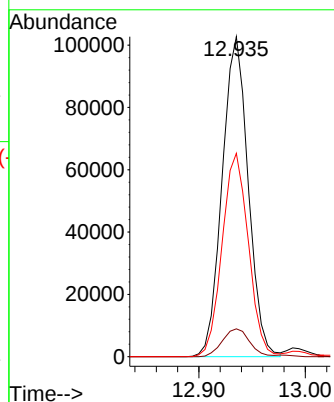
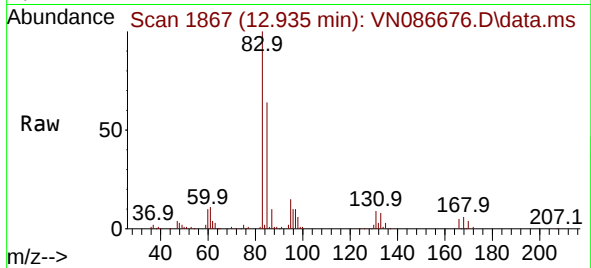




#75
1,1,2,2-Tetrachloroethane
Concen: 45.885 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

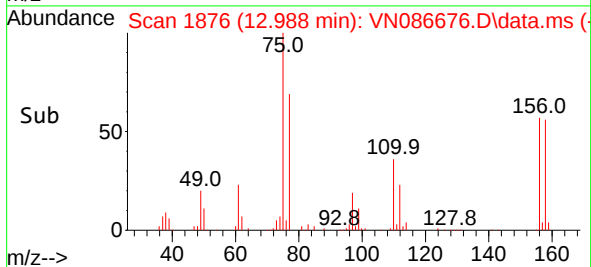
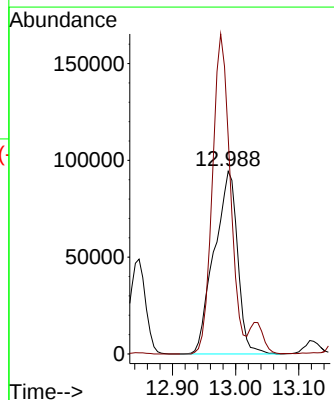
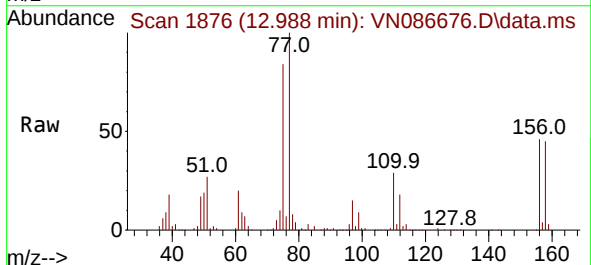
Instrument : MSVOA_N
ClientSampleId : ICVVN051625

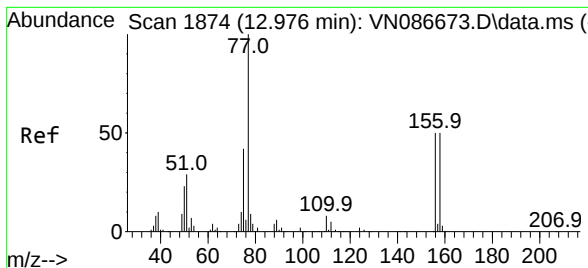
Tgt Ion: 83 Resp: 174276
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 64.1 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 67.057 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 75 Resp: 242758
Ion Ratio Lower Upper
75 100
77 133.7 96.0 288.1





#77

Bromobenzene

Concen: 46.220 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051625

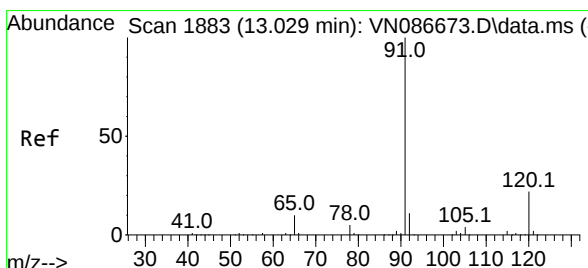
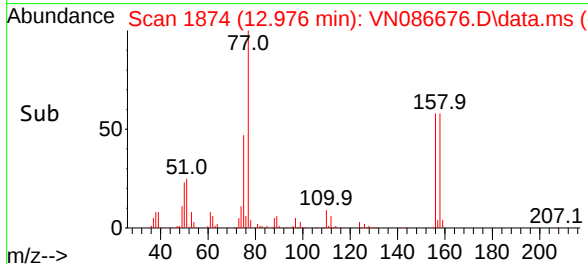
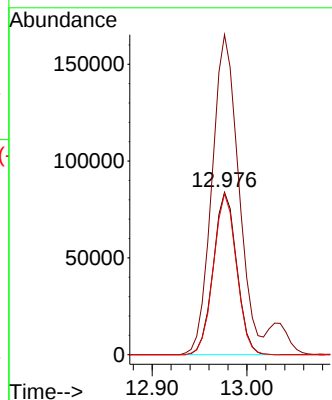
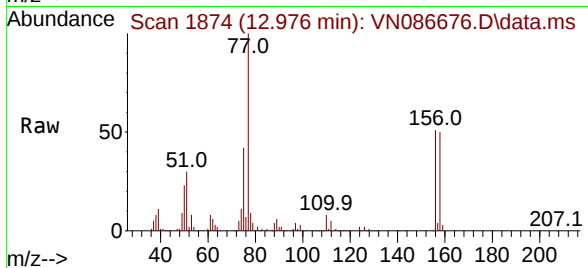
Tgt Ion:156 Resp: 143739

Ion Ratio Lower Upper

156 100

77 225.9 113.1 339.2

158 97.7 48.6 145.9



#78

n-propylbenzene

Concen: 49.006 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN086676.D

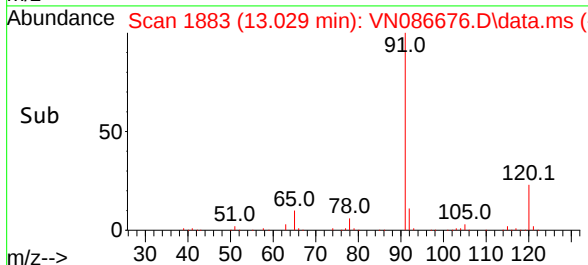
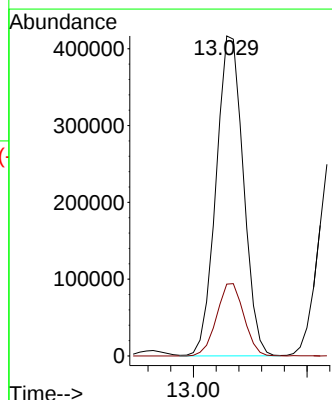
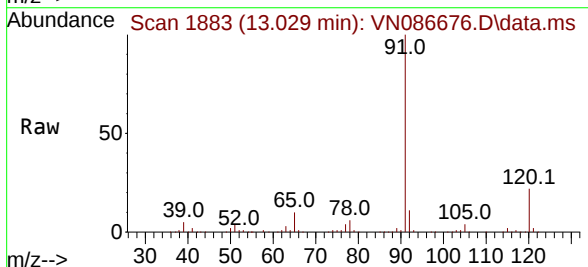
Acq: 16 May 2025 19:20

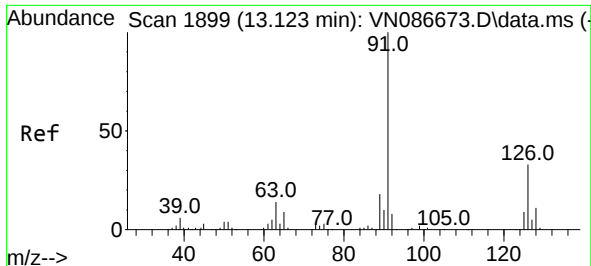
Tgt Ion: 91 Resp: 695292

Ion Ratio Lower Upper

91 100

120 22.5 11.4 34.1

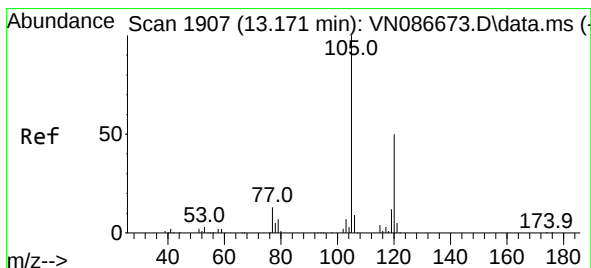
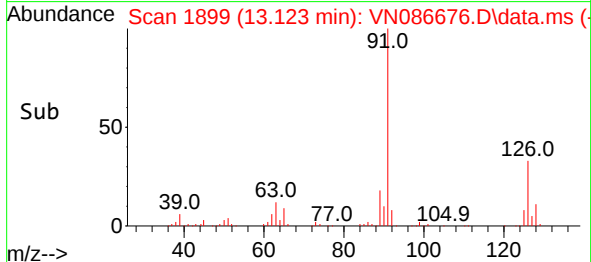
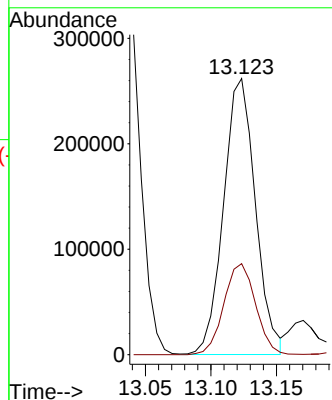
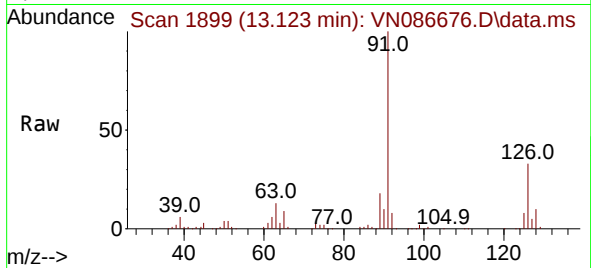




#79
2-Chlorotoluene
Concen: 48.004 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

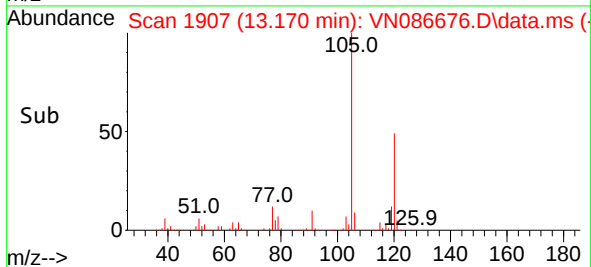
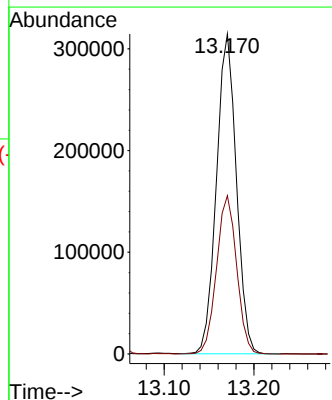
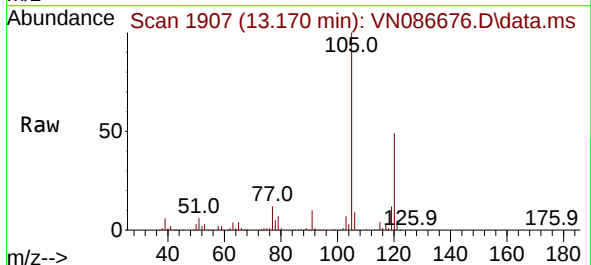
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

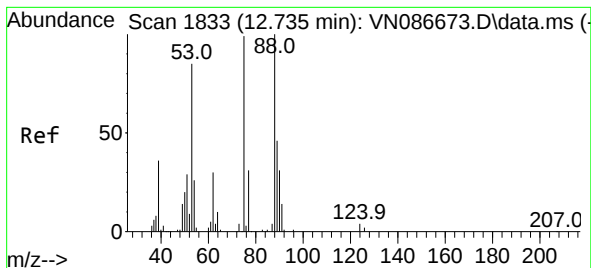
Tgt Ion: 91 Resp: 442834
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 48.940 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 105 Resp: 484744
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6

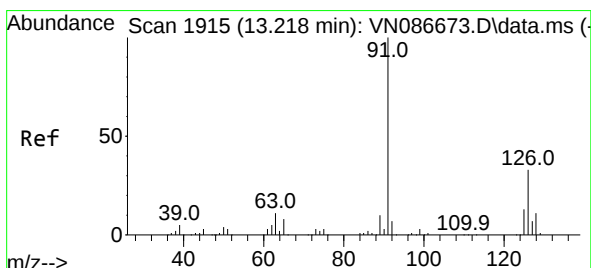
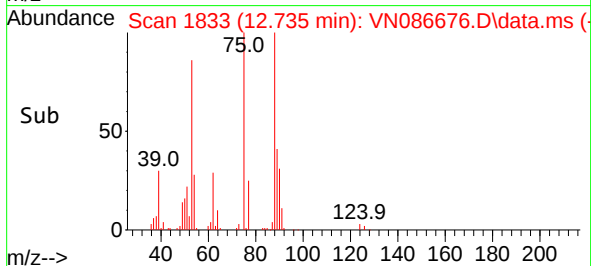
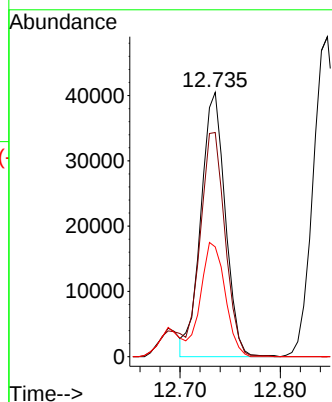
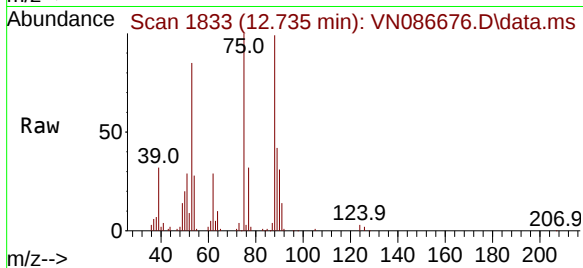




#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.700 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

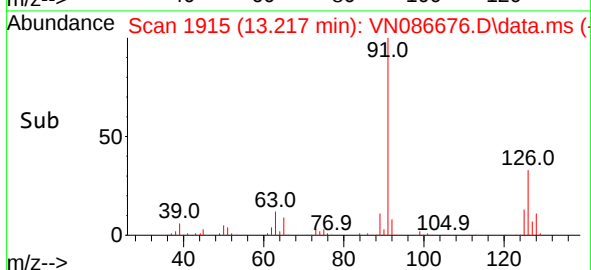
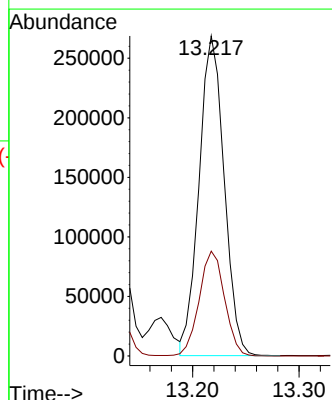
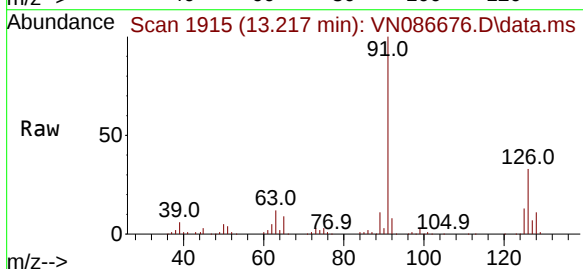
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051625

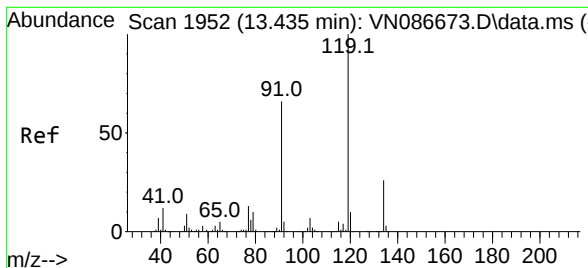
Tgt Ion: 75 Resp: 68425
 Ion Ratio Lower Upper
 75 100
 53 85.5 70.4 105.6
 89 43.2 32.4 48.6



#82
 4-Chlorotoluene
 Concen: 48.122 ug/l
 RT: 13.217 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

Tgt Ion: 91 Resp: 439811
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 47.509 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051625

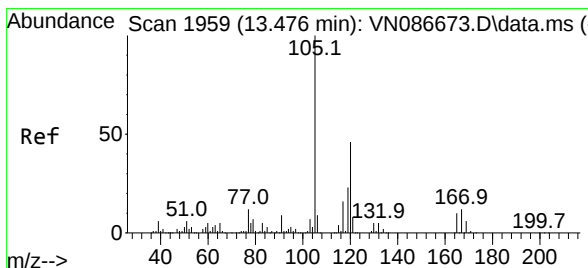
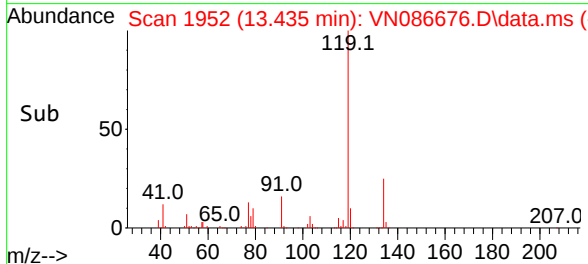
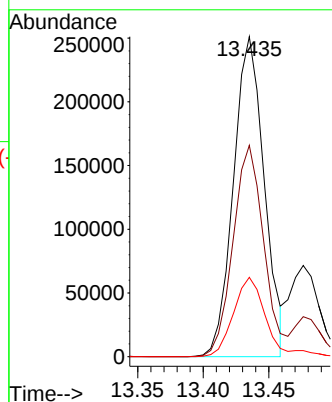
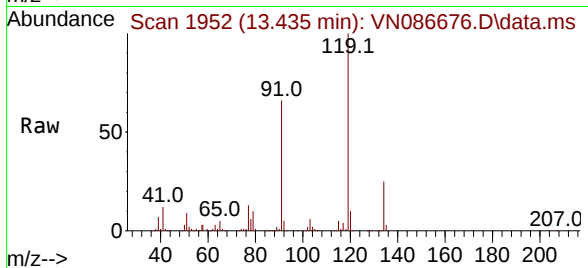
Tgt Ion:119 Resp: 410379

Ion Ratio Lower Upper

119 100

91 66.2 32.9 98.7

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.014 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086676.D

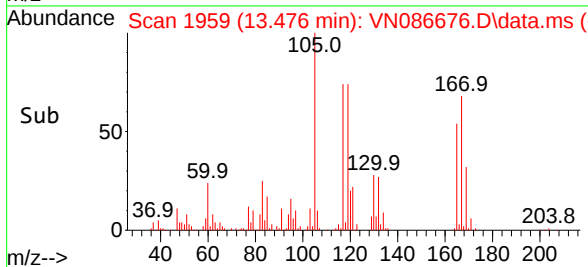
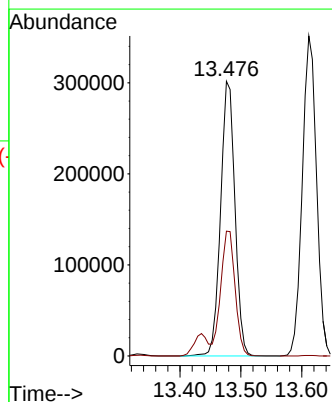
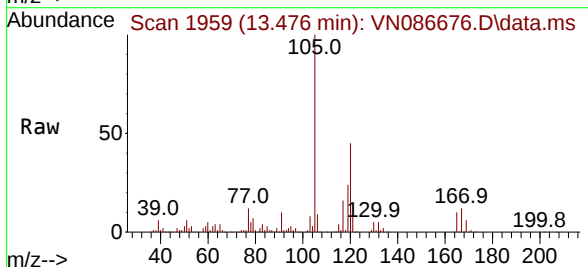
Acq: 16 May 2025 19:20

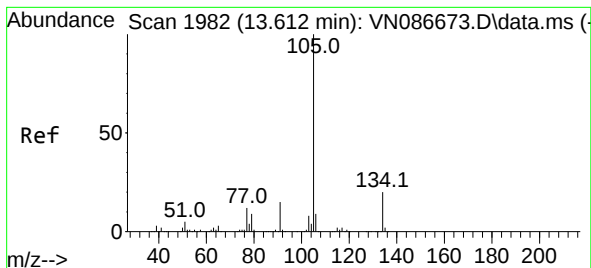
Tgt Ion:105 Resp: 493314

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.105 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

Instrument :

MSVOA_N

ClientSampleId :

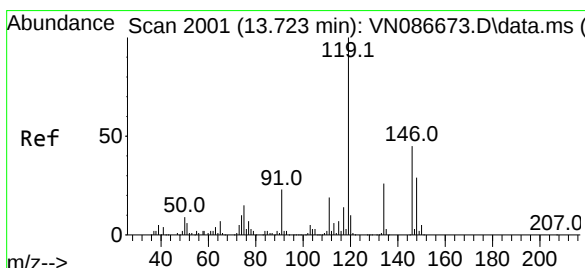
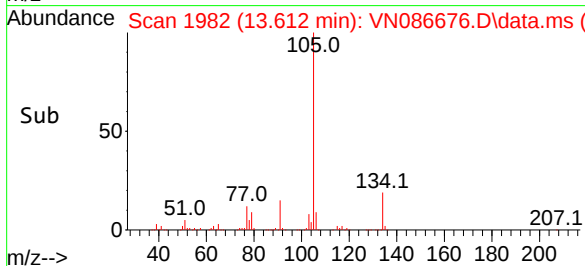
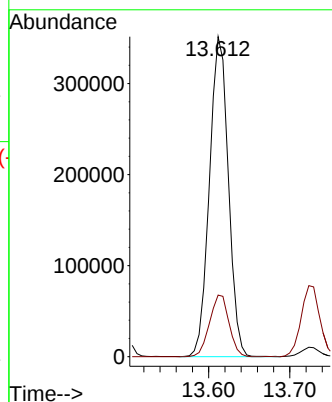
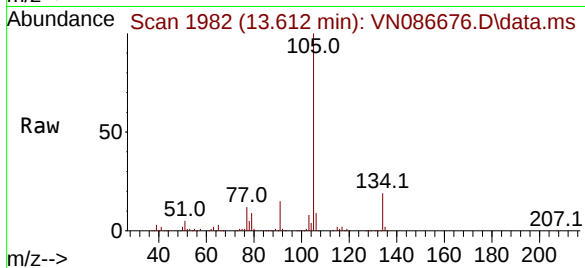
ICVVN051625

Tgt Ion:105 Resp: 568753

Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.868 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086676.D

Acq: 16 May 2025 19:20

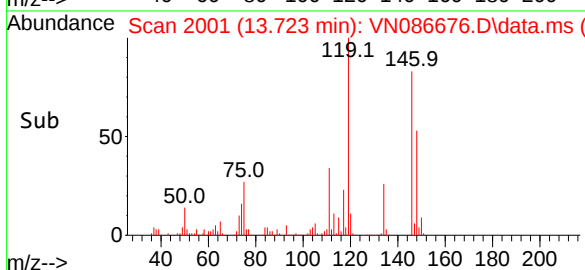
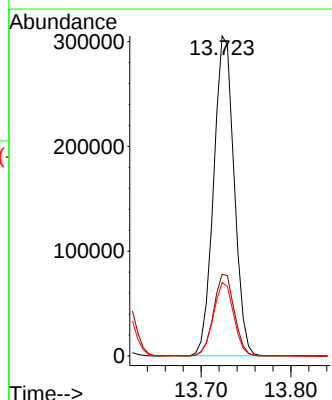
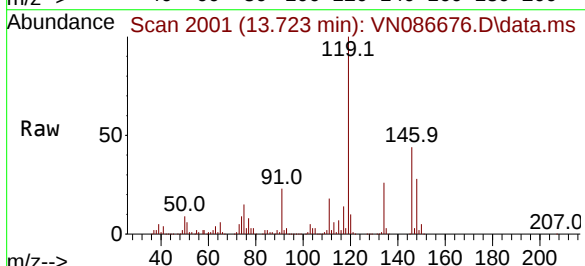
Tgt Ion:119 Resp: 482931

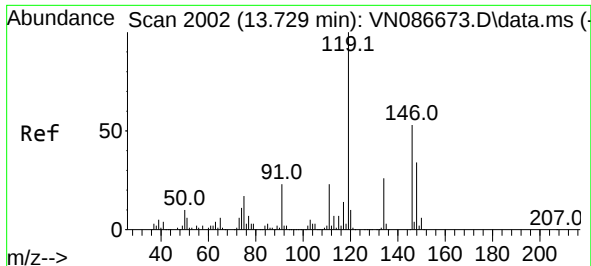
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 22.7 11.5 34.5

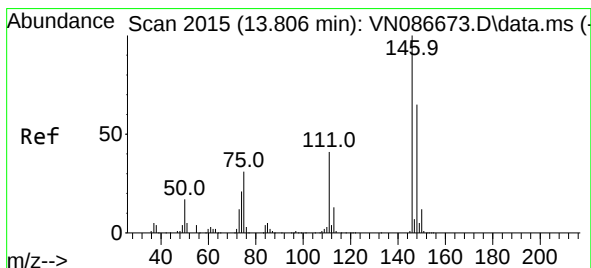
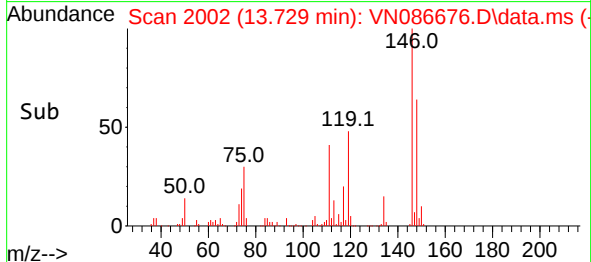
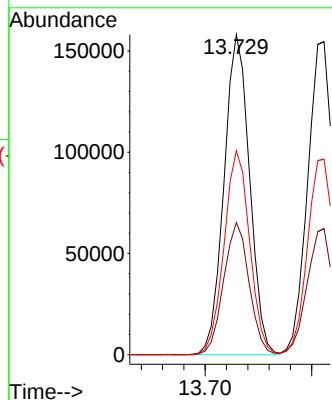
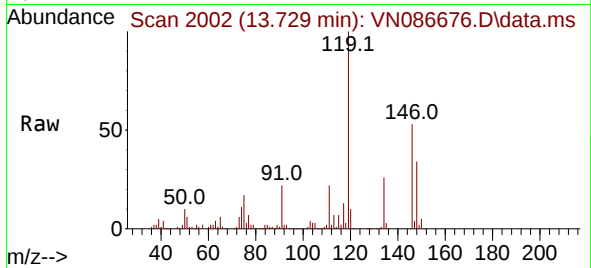




#87
1,3-Dichlorobenzene
Concen: 48.877 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

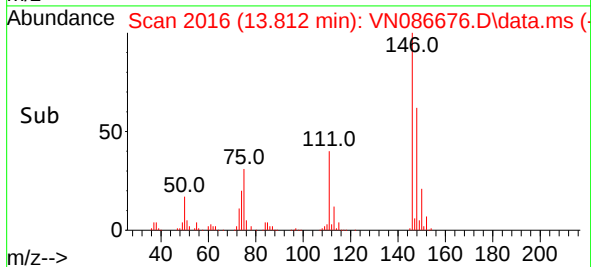
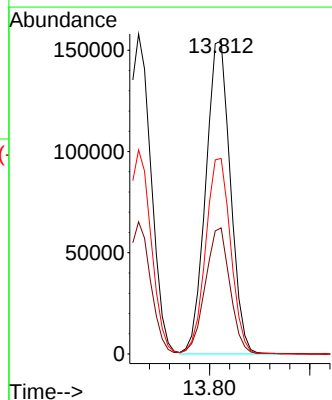
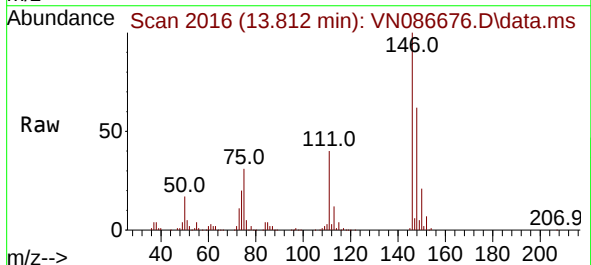
Instrument :
MSVOA_N
ClientSampleId :
ICV051625

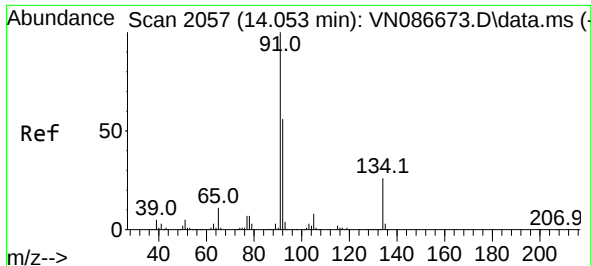
Tgt Ion:146 Resp: 263213
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.7
148 63.9 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 49.573 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:146 Resp: 264501
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 63.6 32.0 96.0

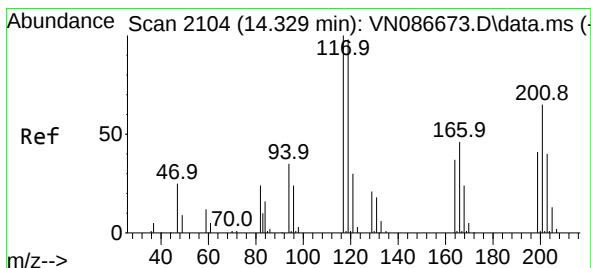
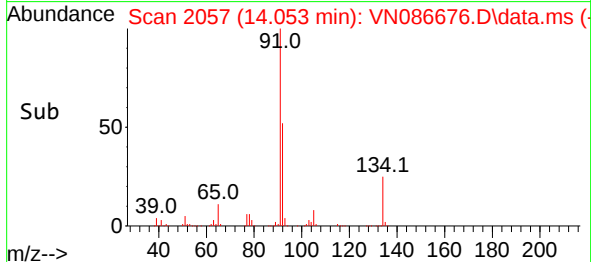
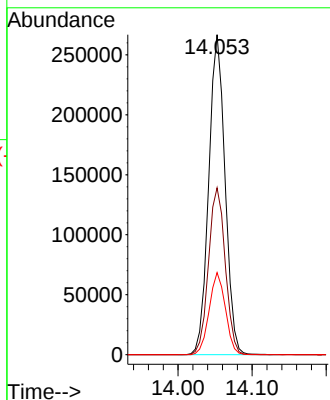
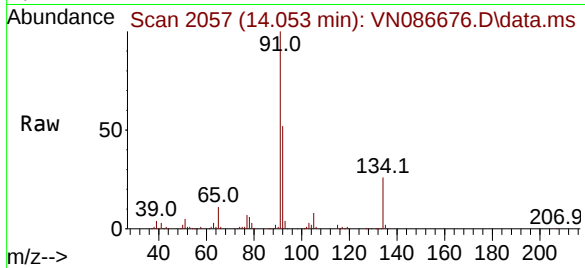




#89
n-Butylbenzene
Concen: 51.865 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

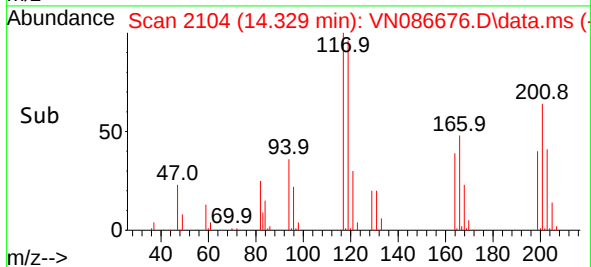
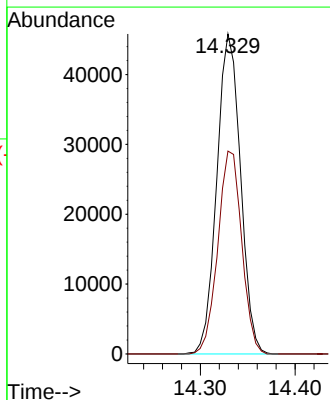
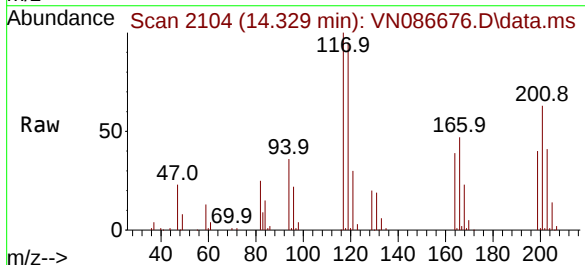
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

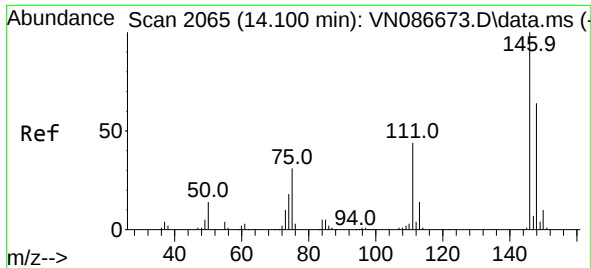
Tgt Ion: 91 Resp: 408204
Ion Ratio Lower Upper
91 100
92 53.5 27.4 82.0
134 25.4 12.8 38.4



#90
Hexachloroethane
Concen: 50.631 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 117 Resp: 79755
Ion Ratio Lower Upper
117 100
201 63.8 32.0 96.0

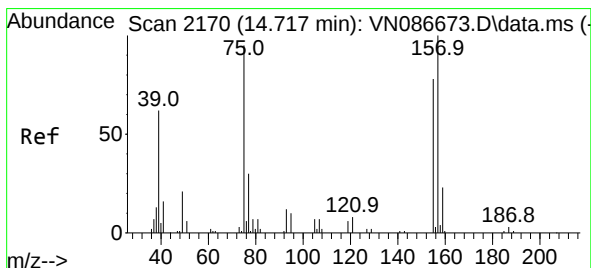
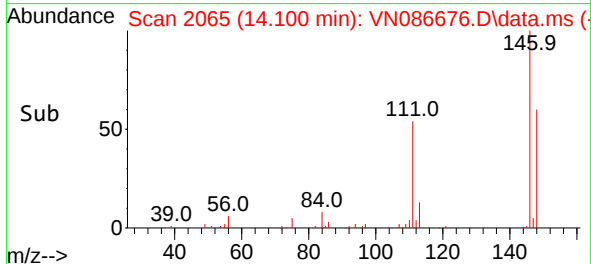
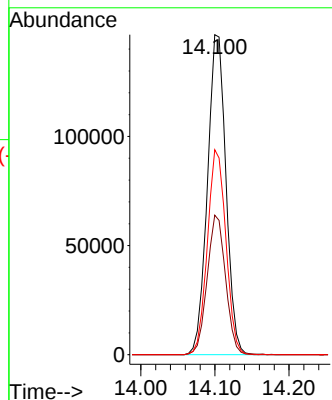
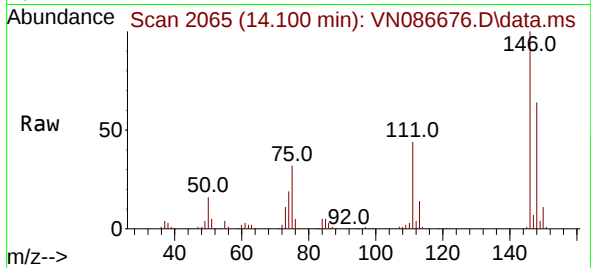




#91
1,2-Dichlorobenzene
Concen: 49.729 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

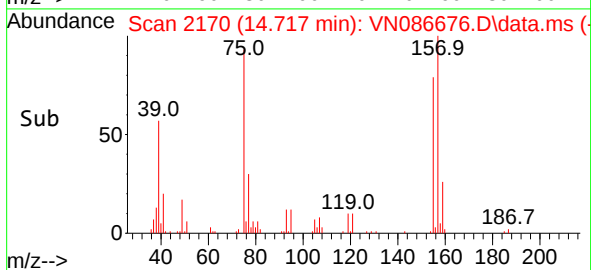
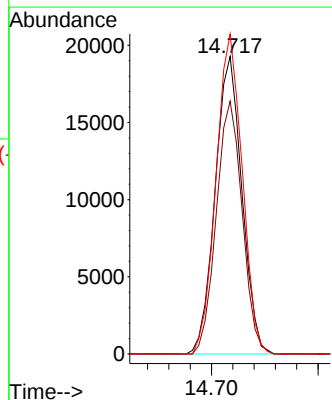
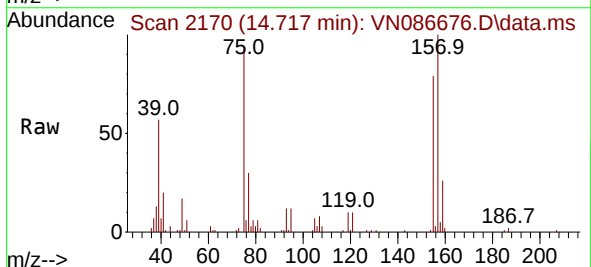
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

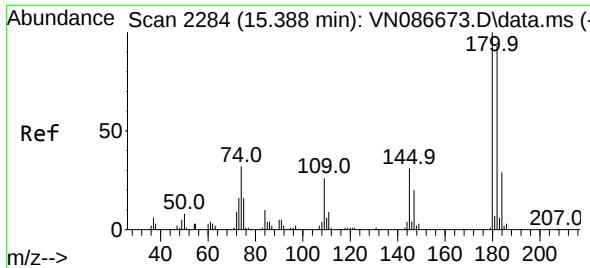
Tgt Ion:146 Resp: 254715
Ion Ratio Lower Upper
146 100
111 43.2 21.6 65.0
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.253 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion: 75 Resp: 33507
Ion Ratio Lower Upper
75 100
155 82.5 40.5 121.5
157 105.3 53.6 160.8

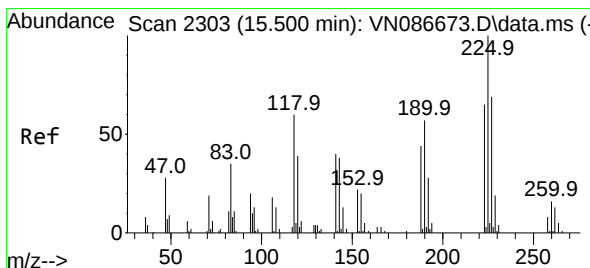
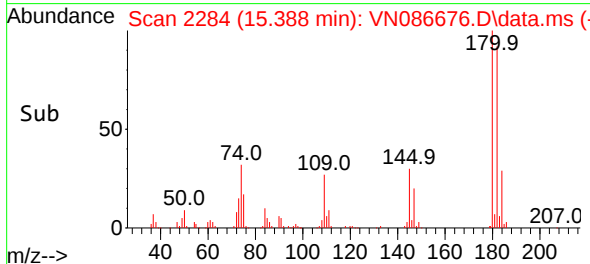
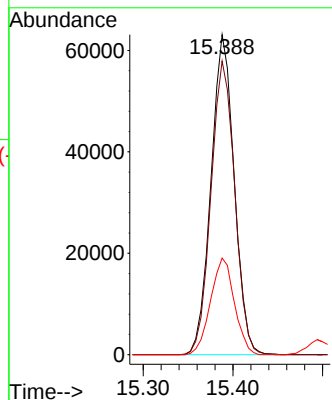
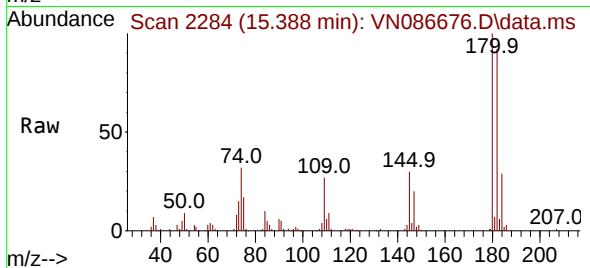




#93
 1,2,4-Trichlorobenzene
 Concen: 52.378 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

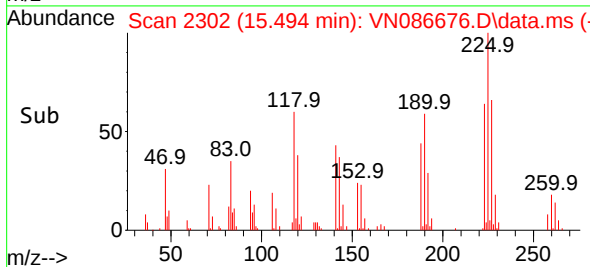
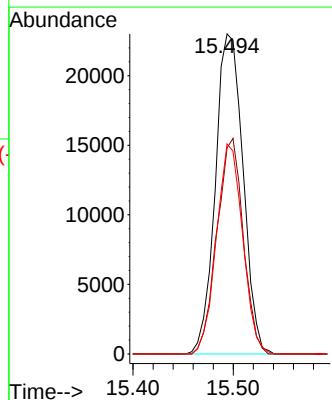
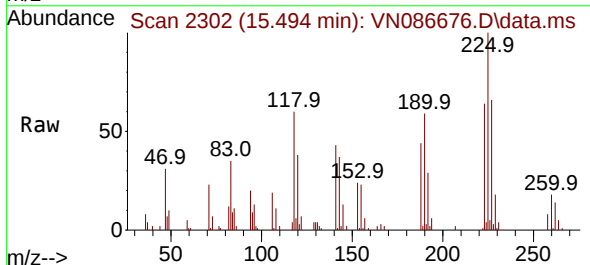
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051625

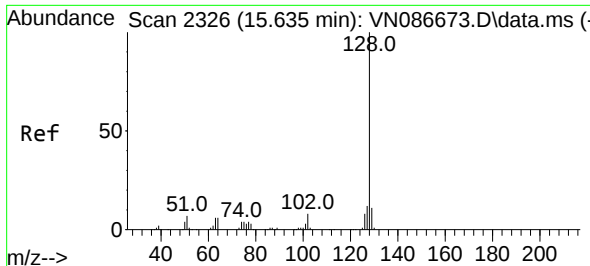
Tgt Ion:180 Resp: 113245
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.1 141.3
 145 31.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 49.090 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086676.D
 Acq: 16 May 2025 19:20

Tgt Ion:225 Resp: 44035
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.9 98.6
 227 62.3 32.4 97.2

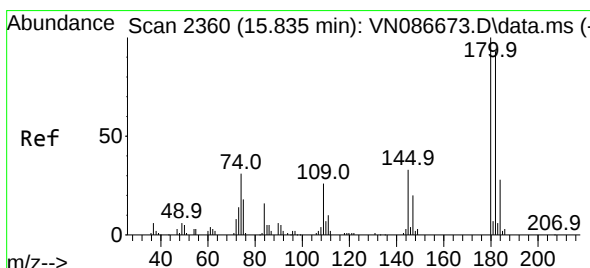
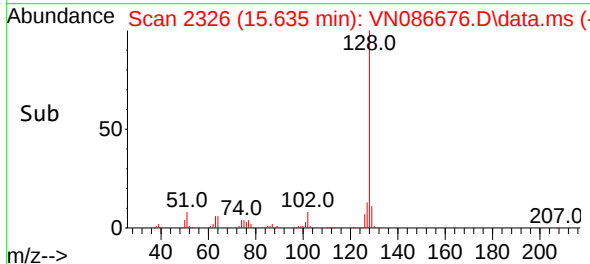
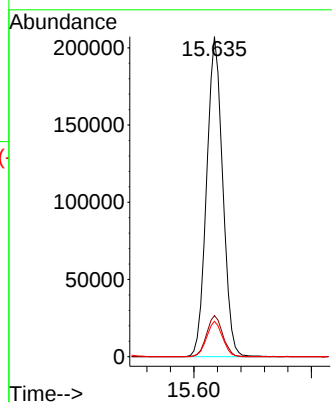
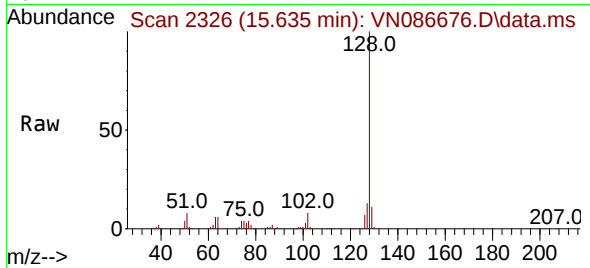




#95
Naphthalene
Concen: 52.378 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051625

Tgt Ion:128 Resp: 393211
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.497 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086676.D
Acq: 16 May 2025 19:20

Tgt Ion:180 Resp: 106918
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.2
145 33.2 16.7 50.1

