

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086866.D
 Acq On : 06 Jun 2025 14:26
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 07 01:58:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 01:51:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	181996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147098	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	238957	98.065	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 196.120%#	
35) Dibromofluoromethane	8.177	113	195212	100.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 200.980%#	
50) Toluene-d8	10.570	98	772210	100.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 200.840%#	
62) 4-Bromofluorobenzene	12.847	95	292385	102.339	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 204.680%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.153	85	194799	107.350	ug/l	100
3) Chloromethane	2.395	50	224558	95.833	ug/l	98
4) Vinyl Chloride	2.553	62	245135	101.414	ug/l	98
5) Bromomethane	2.977	94	137967	101.996	ug/l	99
6) Chloroethane	3.147	64	152150	97.447	ug/l	97
7) Trichlorofluoromethane	3.524	101	312394	98.917	ug/l	99
8) Diethyl Ether	3.983	74	139844	101.631	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	198739	100.163	ug/l	99
10) Methyl Iodide	4.612	142	262771	102.162	ug/l	99
11) Tert butyl alcohol	5.547	59	327987	496.062	ug/l	99
12) 1,1-Dichloroethene	4.359	96	200212	98.838	ug/l	99
13) Acrolein	4.200	56	94171	449.961	ug/l	98
14) Allyl chloride	5.047	41	329412	98.055	ug/l	99
15) Acrylonitrile	5.735	53	770470	498.552	ug/l	99
16) Acetone	4.447	43	608178	470.648	ug/l	98
17) Carbon Disulfide	4.736	76	544511	97.179	ug/l	100
18) Methyl Acetate	5.047	43	381808	101.390	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	735694	100.306	ug/l	100
20) Methylene Chloride	5.294	84	228800	94.575	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	215177	95.476	ug/l	99
22) Diisopropyl ether	6.688	45	696881	98.409	ug/l	98
23) Vinyl Acetate	6.618	43	2919350	487.936	ug/l	100
24) 1,1-Dichloroethane	6.588	63	404207	99.186	ug/l	99
25) 2-Butanone	7.494	43	1043385	496.743	ug/l	100
26) 2,2-Dichloropropane	7.500	77	331995	104.729	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	265248	98.410	ug/l	99
28) Bromochloromethane	7.824	49	188050	93.851	ug/l	99
29) Tetrahydrofuran	7.847	42	677636	495.240	ug/l	99
30) Chloroform	7.977	83	394927	97.040	ug/l	99
31) Cyclohexane	8.265	56	374933	94.869	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	336819	97.306	ug/l	99
36) 1,1-Dichloropropene	8.382	75	289907	100.156	ug/l	99
37) Ethyl Acetate	7.571	43	370652	100.591	ug/l	99
38) Carbon Tetrachloride	8.371	117	285325	100.404	ug/l	98
39) Methylcyclohexane	9.606	83	395603	99.758	ug/l	99
40) Benzene	8.612	78	927083	97.946	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	195946	94.688	ug/l	95
42) 1,2-Dichloroethane	8.676	62	282015	98.232	ug/l	100
43) Isopropyl Acetate	8.694	43	579464	97.981	ug/l	99
44) Trichloroethene	9.359	130	222822	99.280	ug/l	97
45) 1,2-Dichloropropane	9.629	63	230454	100.077	ug/l	98
46) Dibromomethane	9.712	93	155530	101.685	ug/l	99
47) Bromodichloromethane	9.894	83	316375	100.533	ug/l	100
48) Methyl methacrylate	9.682	41	275710	101.288	ug/l	99
49) 1,4-Dioxane	9.706	88	104771	2115.744	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1843274	517.729	ug/l	99
52) Toluene	10.635	92	578978	100.092	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	359200	102.077	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	383030	101.730	ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	219922	98.808	ug/l	98
56) Ethyl methacrylate	10.882	69	389802	109.955	ug/l	99
57) 1,3-Dichloropropane	11.165	76	382510	99.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1113523	526.621	ug/l	100
59) 2-Hexanone	11.200	43	1301539	567.535	ug/l	99
60) Dibromochloromethane	11.359	129	237965	102.616	ug/l	100
61) 1,2-Dibromoethane	11.470	107	232214	101.787	ug/l	98
64) Tetrachloroethene	11.106	164	181568	98.824	ug/l	94
65) Chlorobenzene	11.894	112	632563	98.793	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	206895	100.521	ug/l	100
67) Ethyl Benzene	11.964	91	1110803	100.717	ug/l	99
68) m/p-Xylenes	12.070	106	854557	202.411	ug/l	99
69) o-Xylene	12.400	106	412719	102.070	ug/l	100
70) Styrene	12.412	104	713548	103.127	ug/l	100
71) Bromoform	12.576	173	165781	108.707	ug/l #	99
73) Isopropylbenzene	12.694	105	1065297	99.410	ug/l	100
74) N-amyl acetate	12.506	43	403587	113.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	354386	97.616	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	485083	138.300	ug/l	69
77) Bromobenzene	12.982	156	246413	100.266	ug/l	99
78) n-propylbenzene	13.035	91	1301631	99.948	ug/l	100
79) 2-Chlorotoluene	13.123	91	770308	98.630	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	901317	101.873	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	160736	105.820	ug/l	92
82) 4-Chlorotoluene	13.223	91	783657	99.166	ug/l	100
83) tert-Butylbenzene	13.435	119	807528	99.710	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	904794	101.983	ug/l	100
85) sec-Butylbenzene	13.617	105	1182155	100.513	ug/l	99
86) p-Isopropyltoluene	13.729	119	990273	101.857	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	474162	98.063	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	483003	97.978	ug/l	99
89) n-Butylbenzene	14.053	91	937913	99.598	ug/l	100
90) Hexachloroethane	14.335	117	169772	103.019	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	458049	98.602	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	83243	95.877	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	298870	100.751	ug/l	99
94) Hexachlorobutadiene	15.500	225	112496	101.789	ug/l	98
95) Naphthalene	15.641	128	1129434	102.290	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	294127	99.796	ug/l	99

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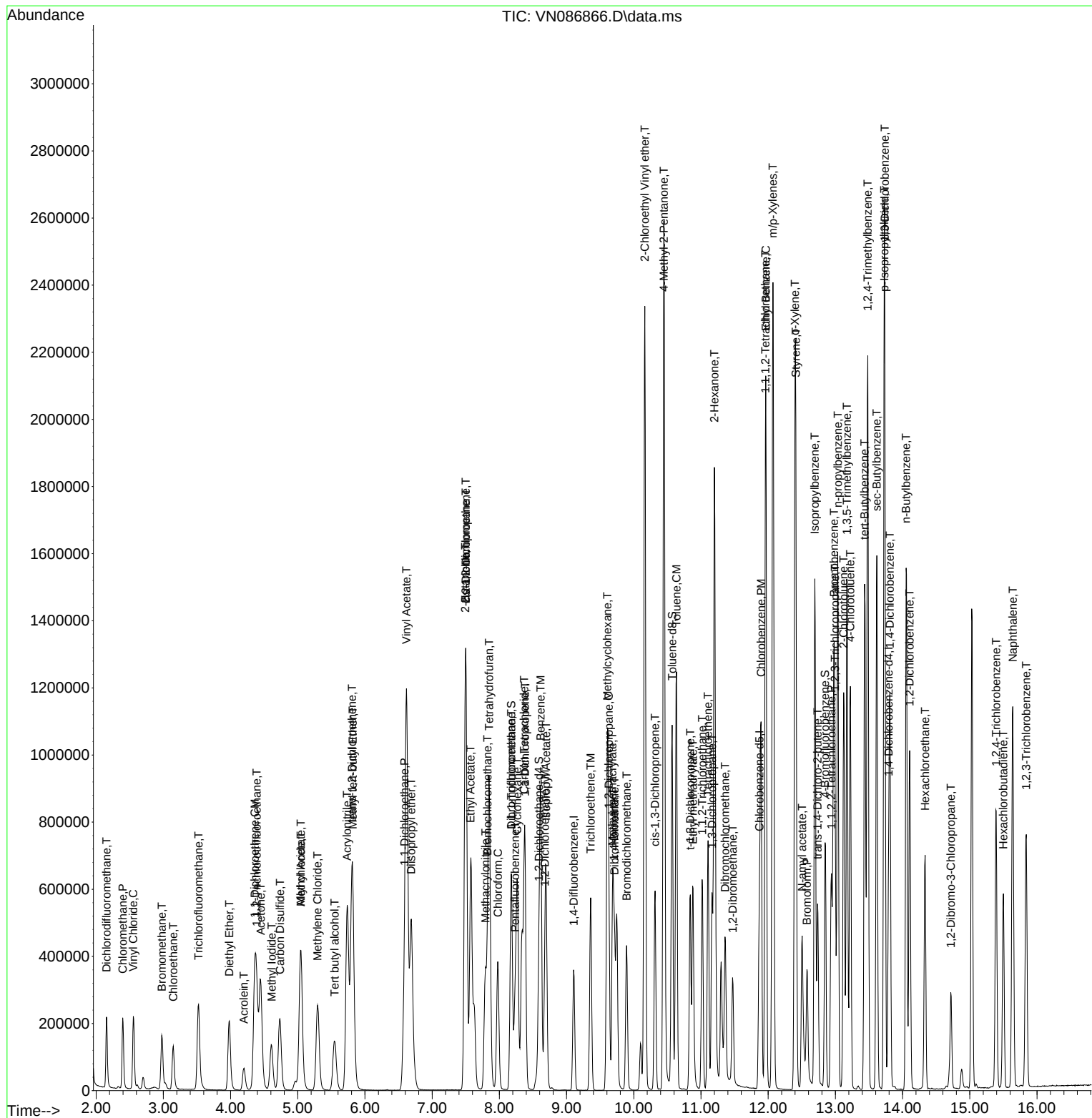
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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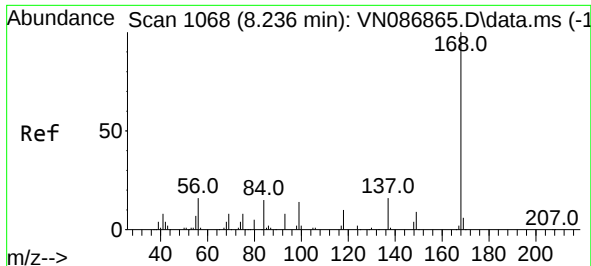
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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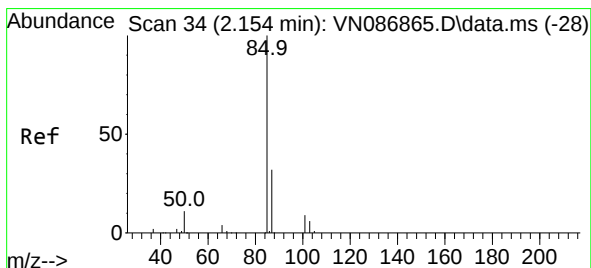
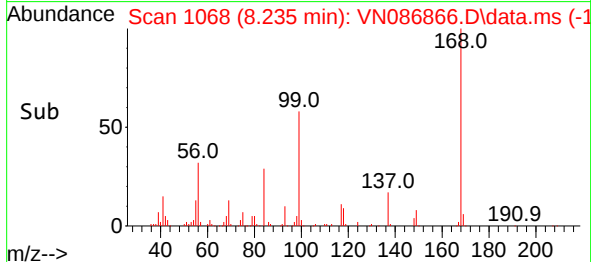
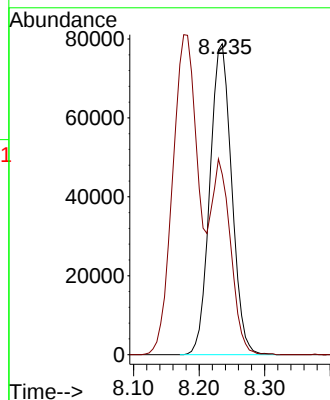
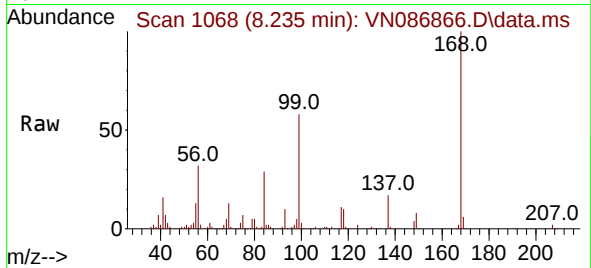




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
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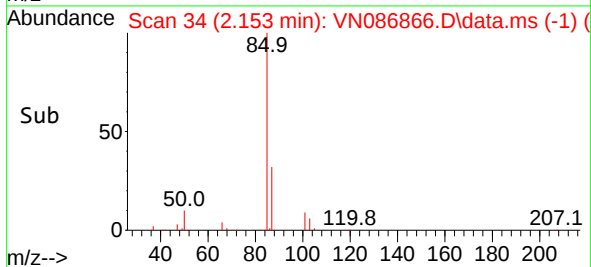
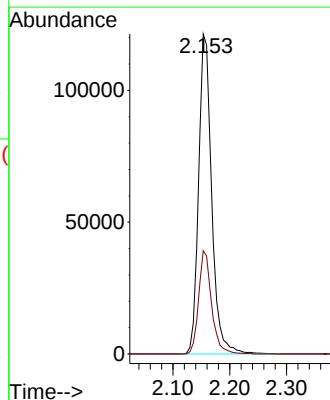
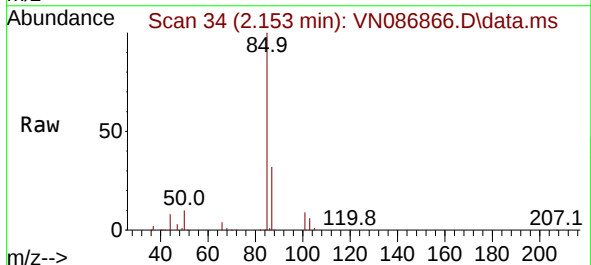
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 181996
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 107.350 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 85 Resp: 194799
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

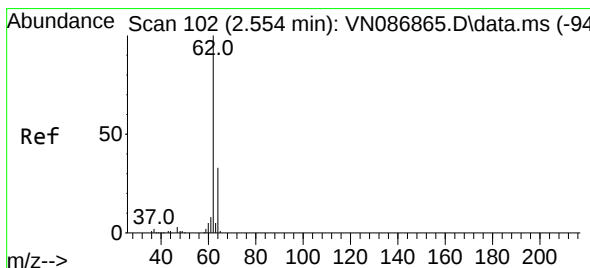
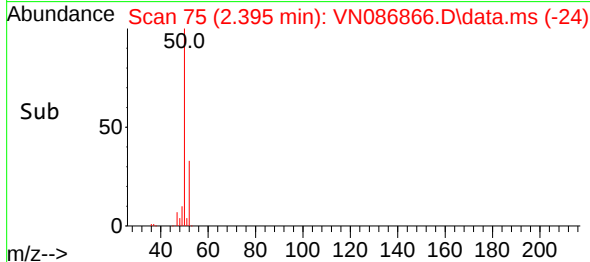
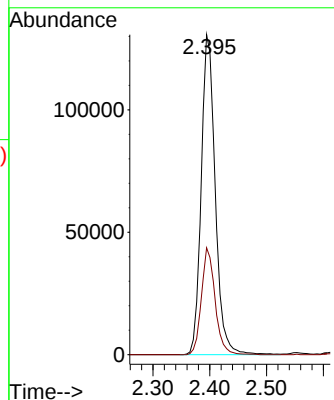
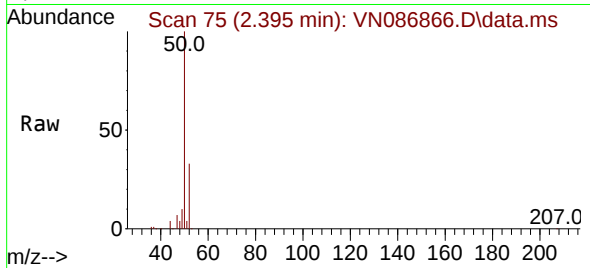




#3
Chloromethane
Concen: 95.833 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086866.D
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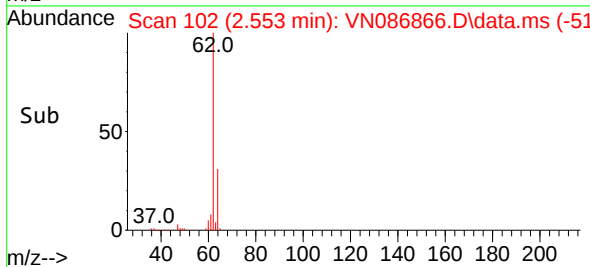
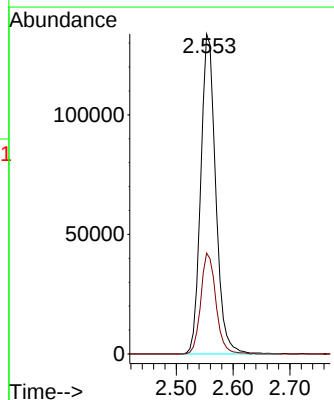
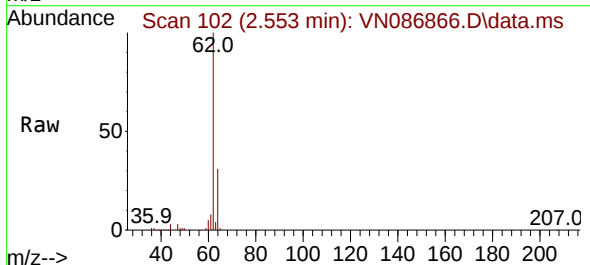
Instrument :
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ClientSampleId :
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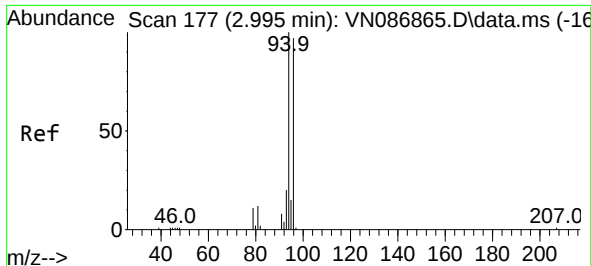
Tgt Ion: 50 Resp: 224558
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5



#4
Vinyl Chloride
Concen: 101.414 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
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Tgt Ion: 62 Resp: 245135
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0

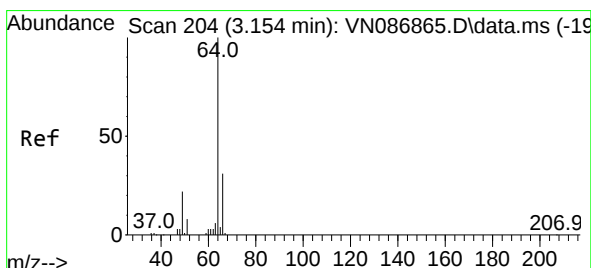
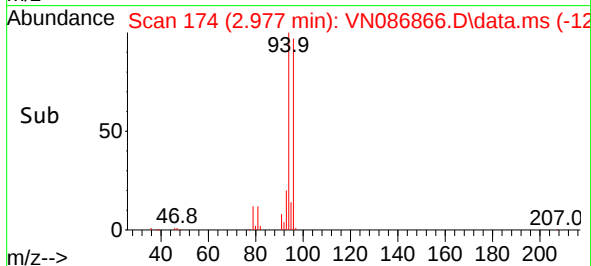
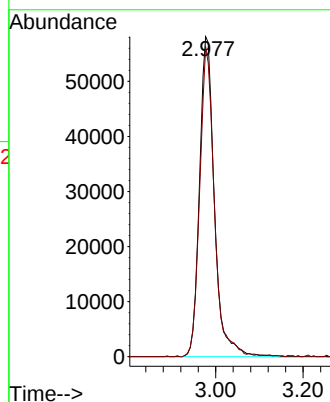
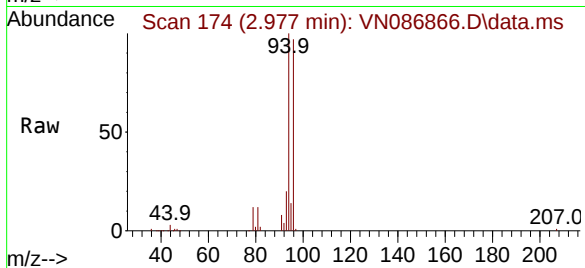




#5
Bromomethane
Concen: 101.996 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

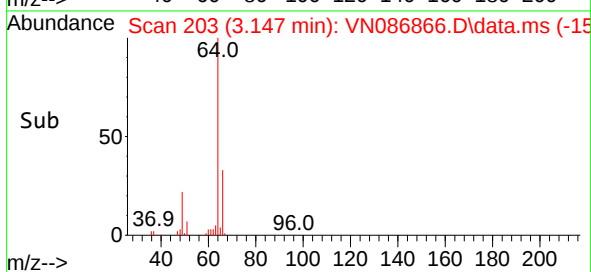
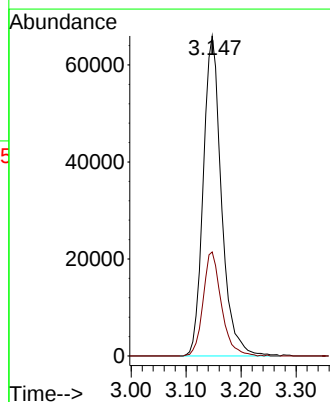
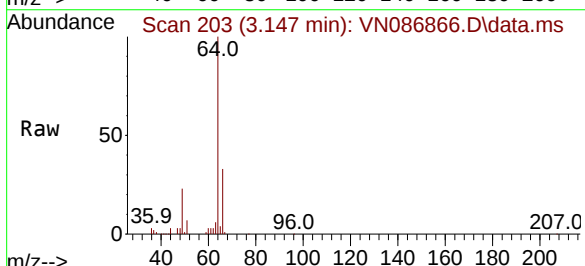
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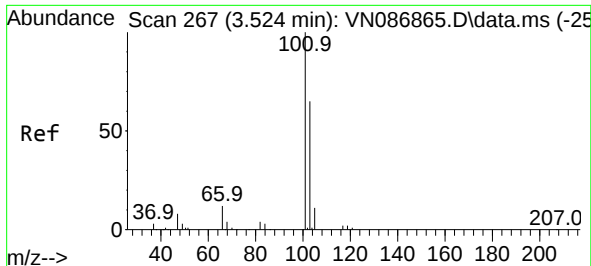
Tgt Ion: 94 Resp: 137967
Ion Ratio Lower Upper
94 100
96 96.8 77.9 116.9



#6
Chloroethane
Concen: 97.447 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN086866.D
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Tgt Ion: 64 Resp: 152150
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8

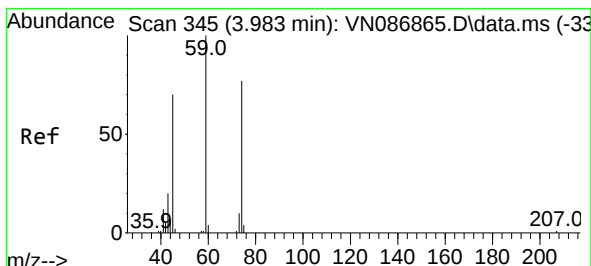
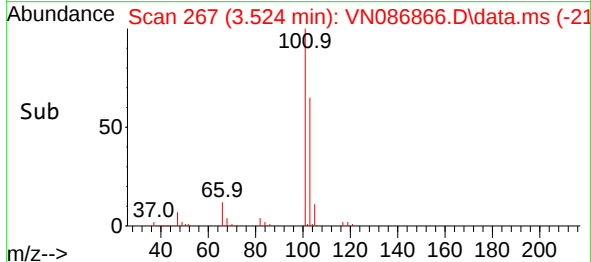
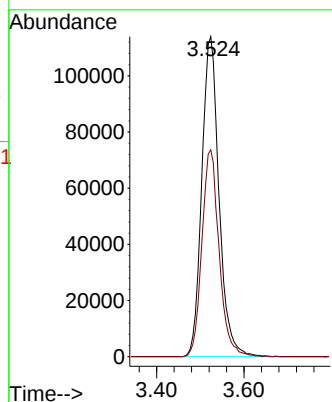
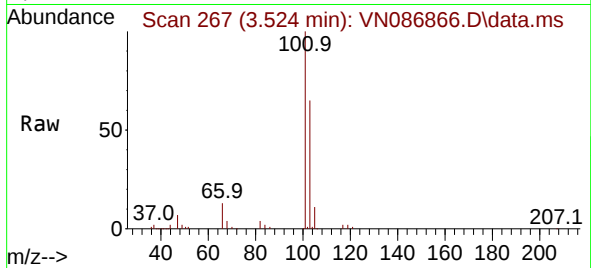




#7
 Trichlorofluoromethane
 Concen: 98.917 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN086866.D
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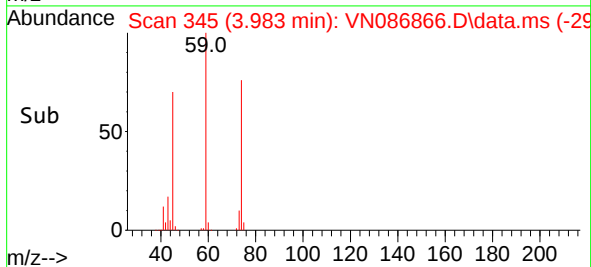
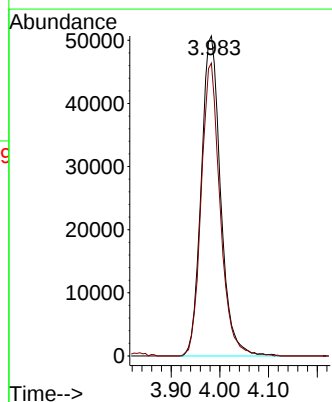
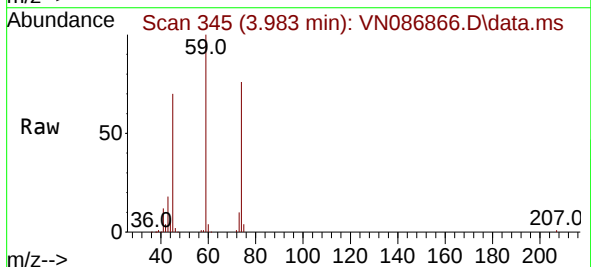
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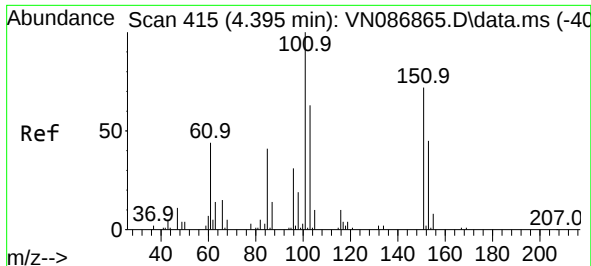
Tgt Ion:101 Resp: 312394
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.2



#8
 Diethyl Ether
 Concen: 101.631 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 139844
 Ion Ratio Lower Upper
 74 100
 45 89.5 45.5 136.5

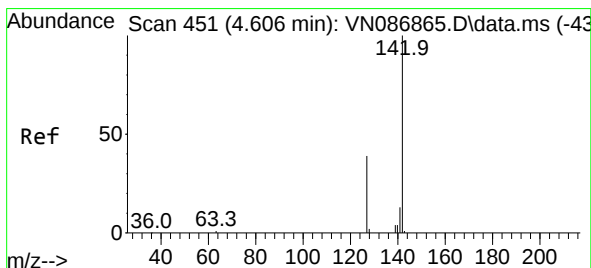
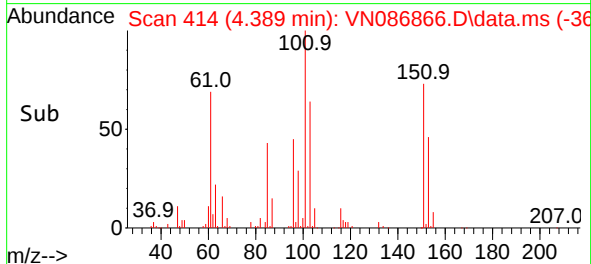
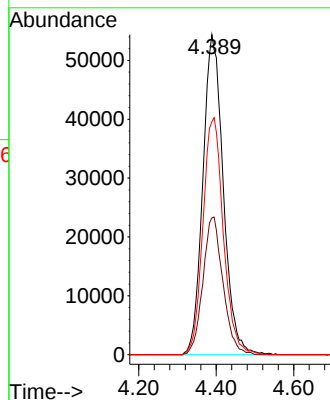
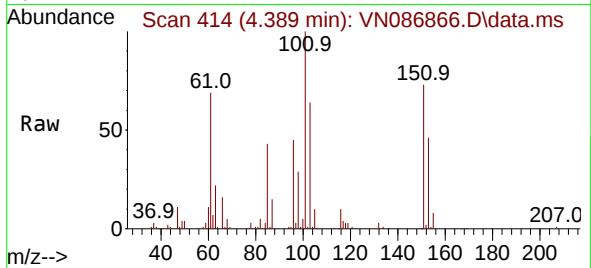




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.163 ug/l
RT: 4.389 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

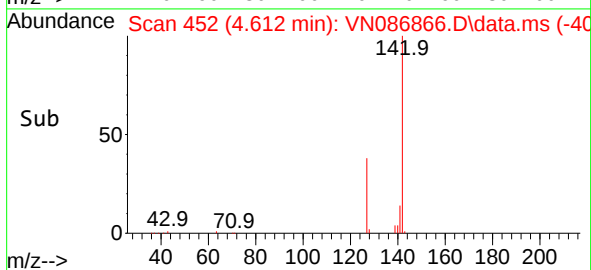
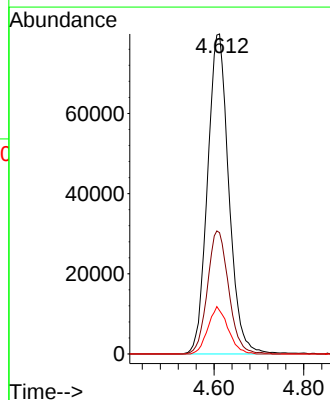
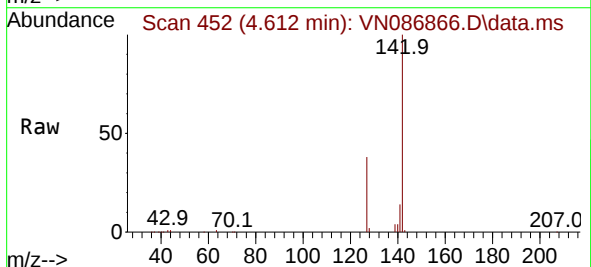
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 198739
Ion Ratio Lower Upper
101 100
85 42.2 33.8 50.8
151 74.2 58.7 88.1



#10
Methyl Iodide
Concen: 102.162 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:142 Resp: 262771
Ion Ratio Lower Upper
142 100
127 37.9 30.9 46.3
141 13.6 10.4 15.6

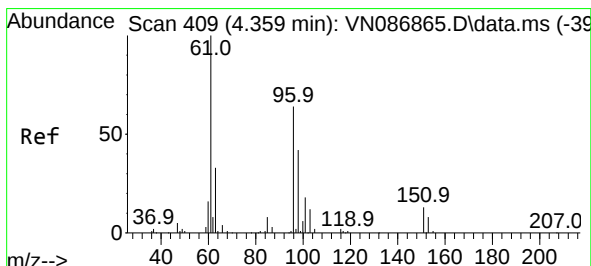
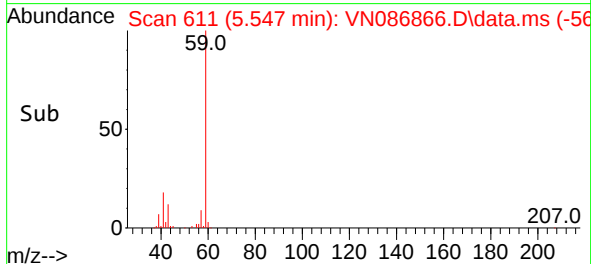
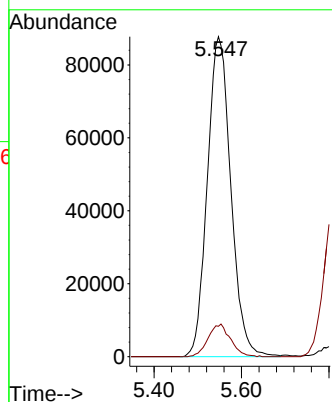
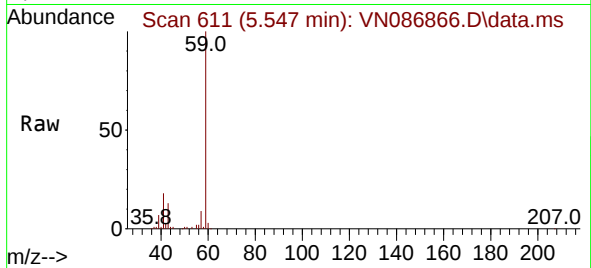




#11
Tert butyl alcohol
Concen: 496.062 ug/l
RT: 5.547 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

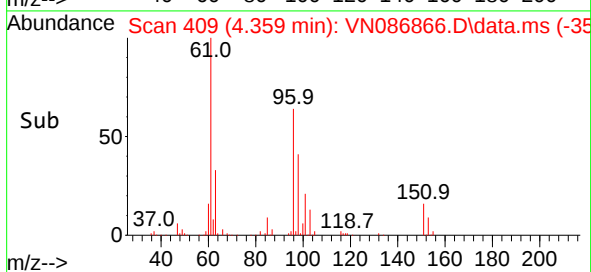
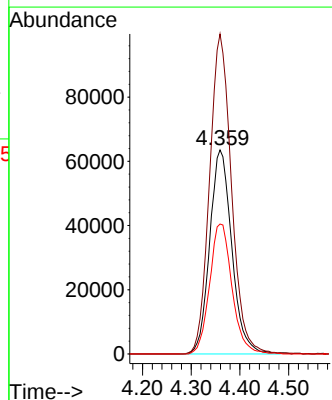
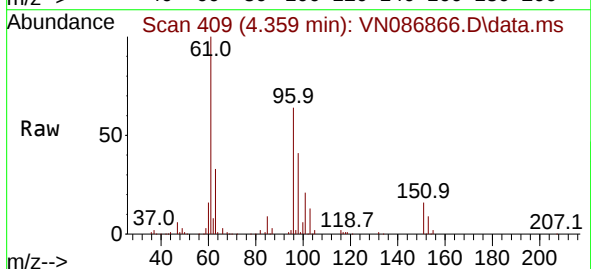
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

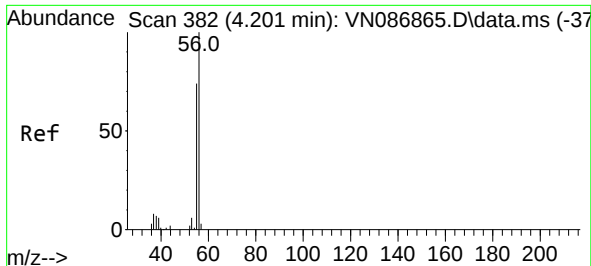
Tgt Ion: 59 Resp: 327987
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 98.838 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 96 Resp: 200212
Ion Ratio Lower Upper
96 100
61 156.9 125.8 188.6
98 63.7 52.5 78.7

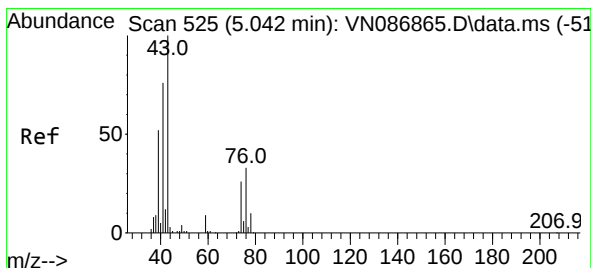
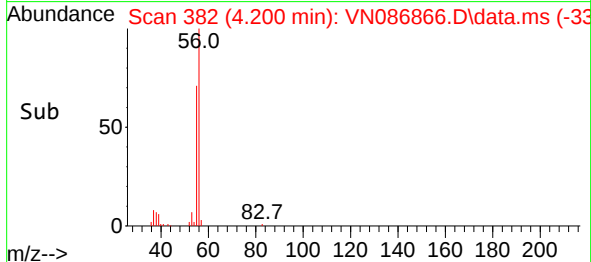
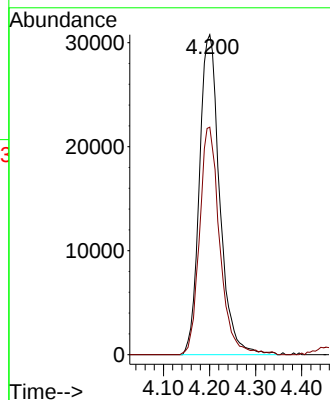
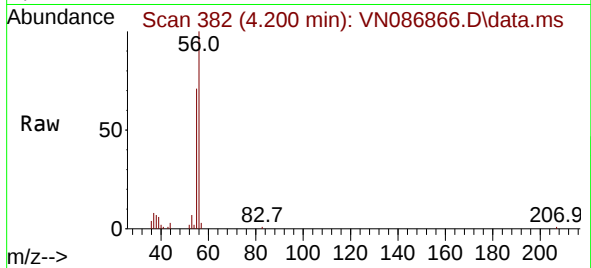




#13
Acrolein
Concen: 449.961 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

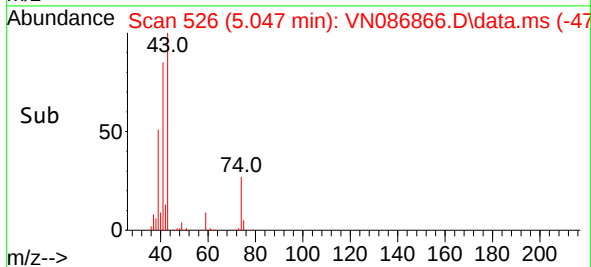
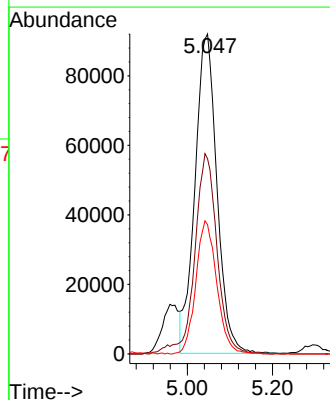
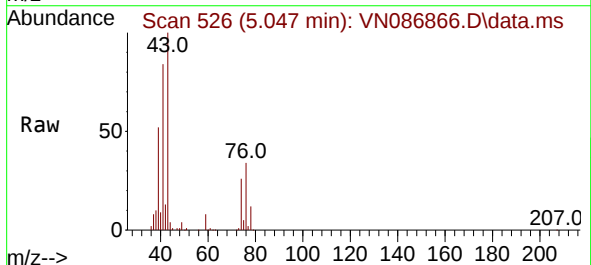
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

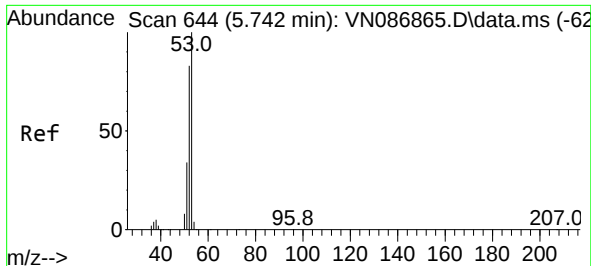
Tgt Ion: 56 Resp: 94171
Ion Ratio Lower Upper
56 100
55 70.9 55.6 83.4



#14
Allyl chloride
Concen: 98.055 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 41 Resp: 329412
Ion Ratio Lower Upper
41 100
39 63.7 51.3 76.9
76 39.7 31.4 47.0

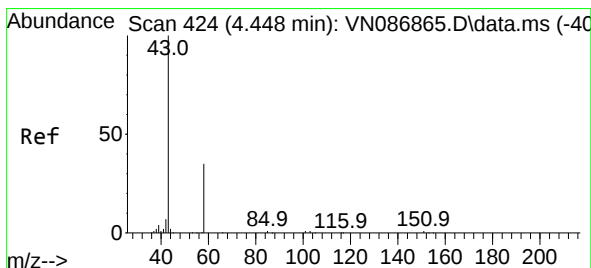
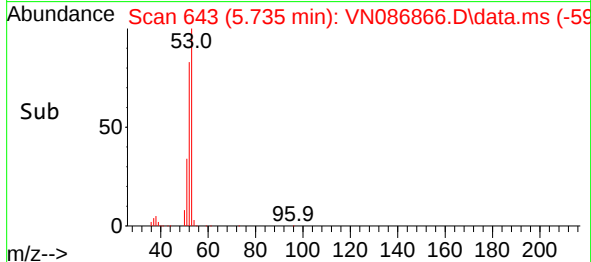
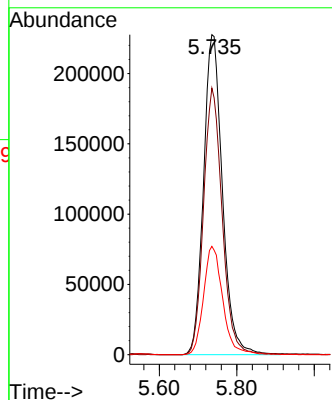
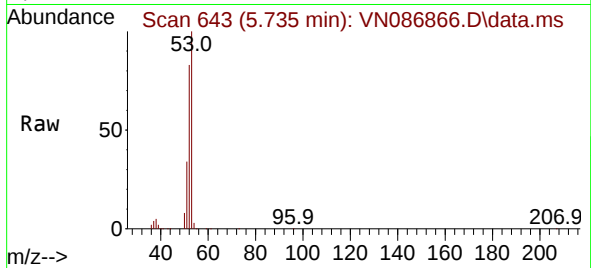




#15
Acrylonitrile
Concen: 498.552 ug/l
RT: 5.735 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

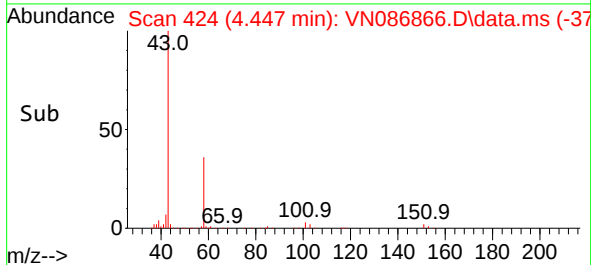
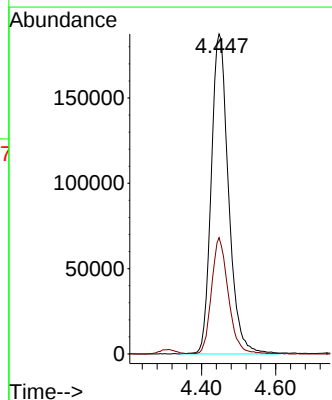
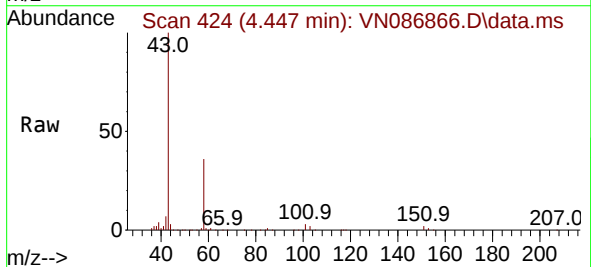
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 770470
Ion Ratio Lower Upper
53 100
52 82.2 65.0 97.6
51 34.4 27.2 40.8



#16
Acetone
Concen: 470.648 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 608178
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0





#17

Carbon Disulfide

Concen: 97.179 ug/l

RT: 4.736 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

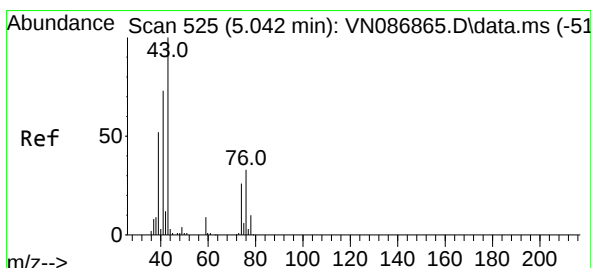
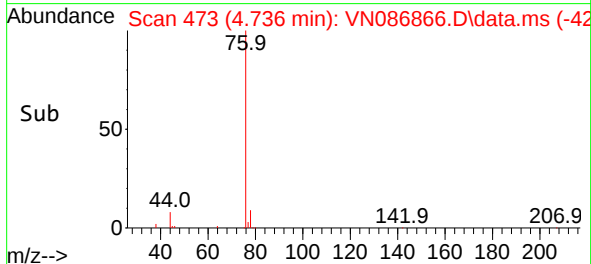
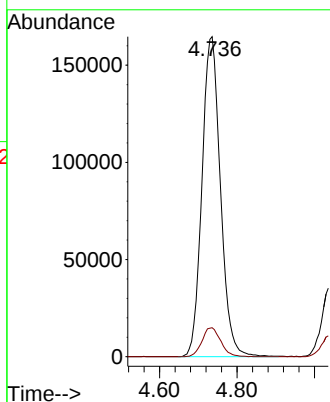
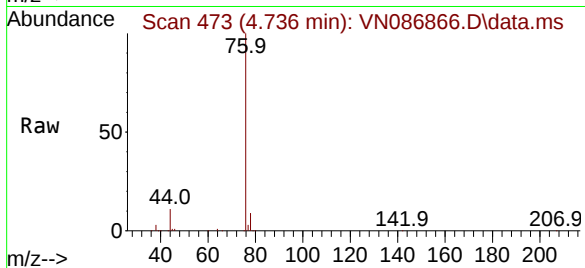
VSTDICC100

Tgt Ion: 76 Resp: 544511

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 101.390 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086866.D

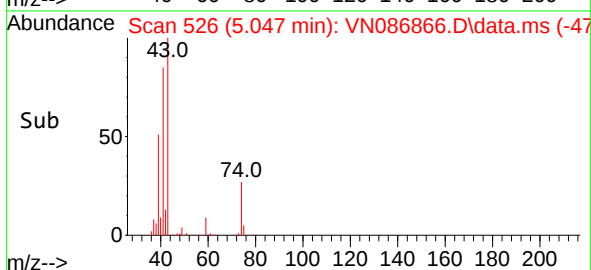
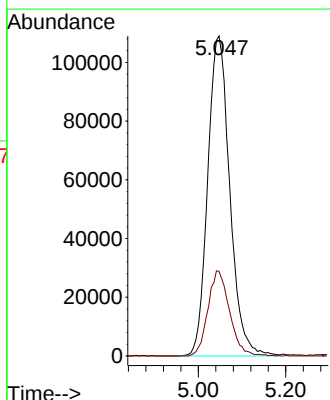
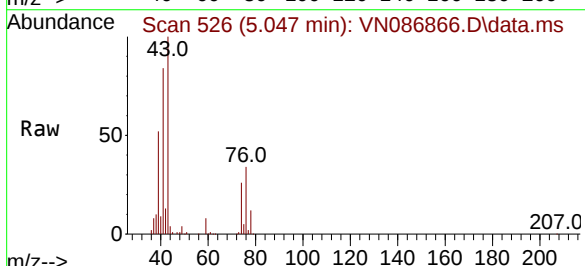
Acq: 06 Jun 2025 14:26

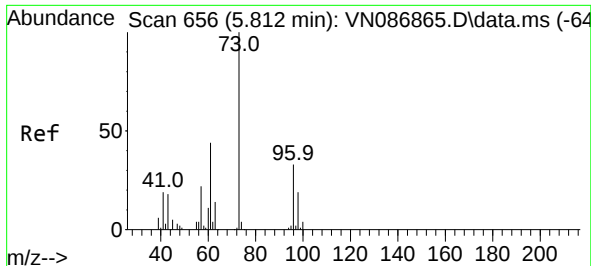
Tgt Ion: 43 Resp: 381808

Ion Ratio Lower Upper

43 100

74 26.1 20.7 31.1

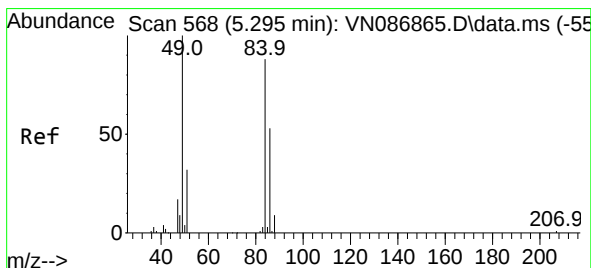
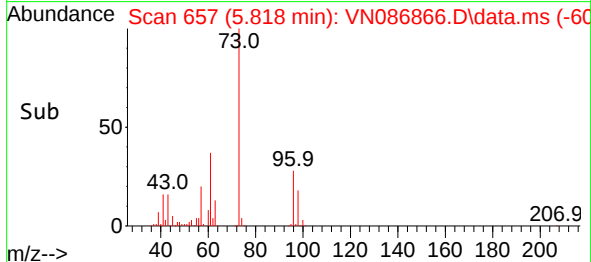
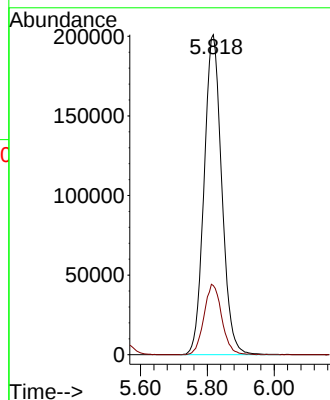
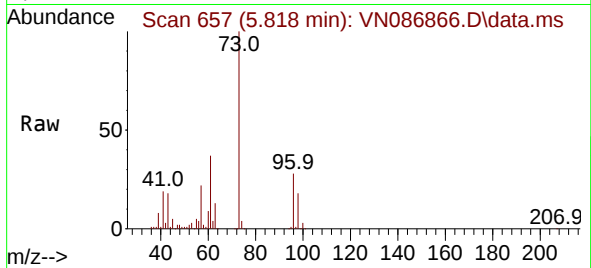




#19
Methyl tert-butyl Ether
Concen: 100.306 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

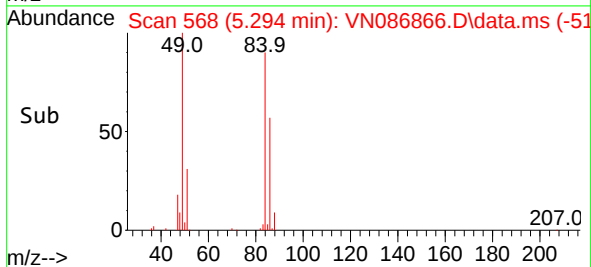
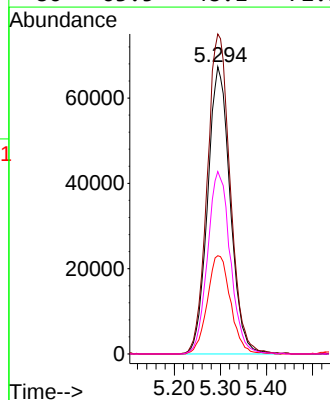
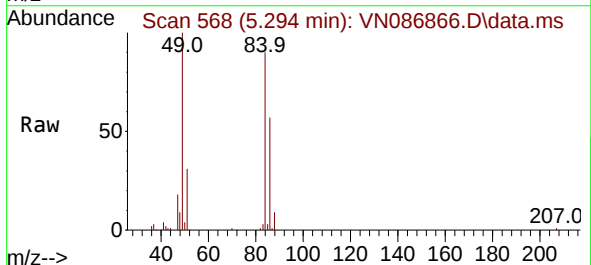
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

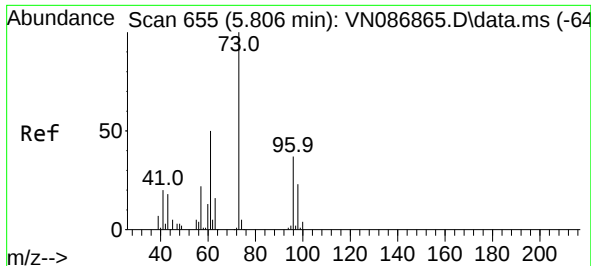
Tgt Ion: 73 Resp: 735694
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#20
Methylene Chloride
Concen: 94.575 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 84 Resp: 228800
Ion Ratio Lower Upper
84 100
49 111.4 90.5 135.7
51 34.2 28.5 42.7
86 63.5 48.1 72.1

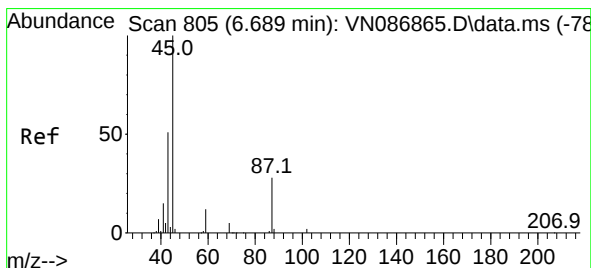
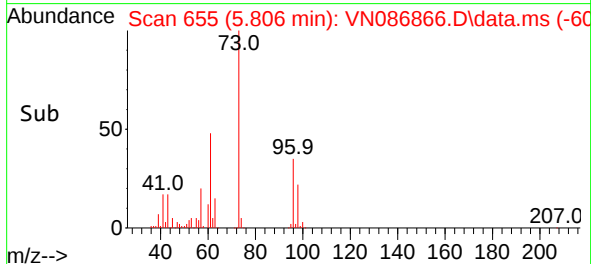
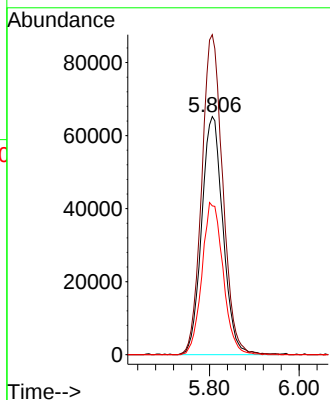
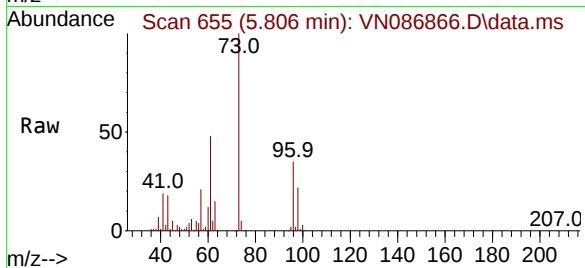




#21
trans-1,2-Dichloroethene
Concen: 95.476 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

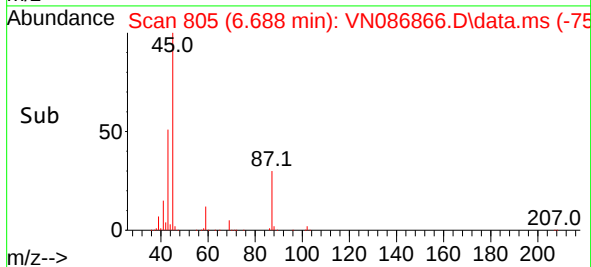
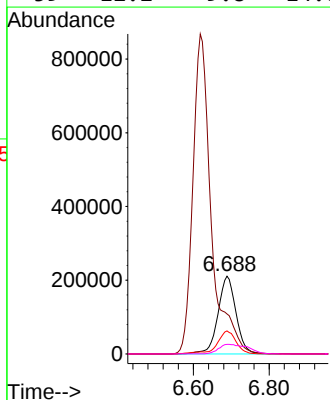
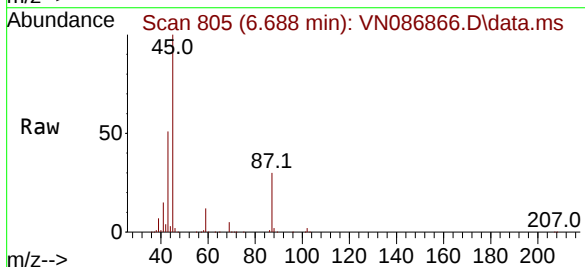
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 215177
Ion Ratio Lower Upper
96 100
61 134.4 109.2 163.8
98 62.5 49.8 74.8



#22
Diisopropyl ether
Concen: 98.409 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 45 Resp: 696881
Ion Ratio Lower Upper
45 100
43 51.1 41.9 62.9
87 29.6 22.4 33.6
59 12.2 9.8 14.6

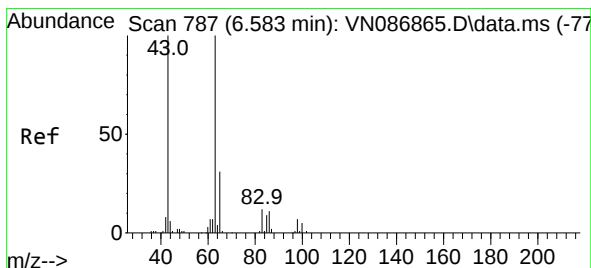
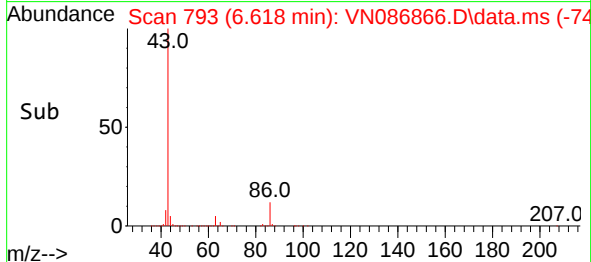
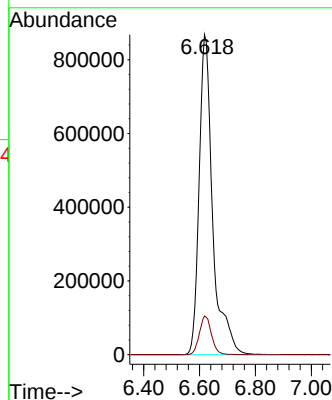
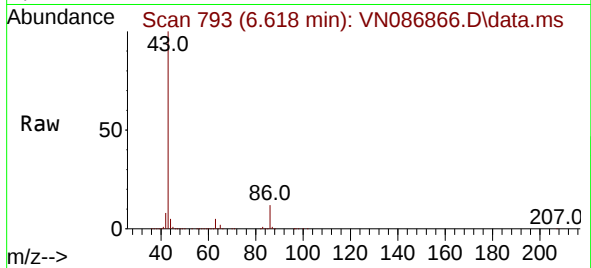




#23
 Vinyl Acetate
 Concen: 487.936 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

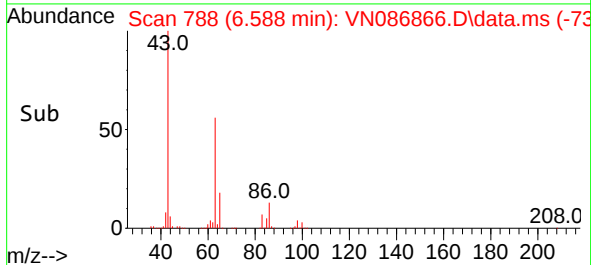
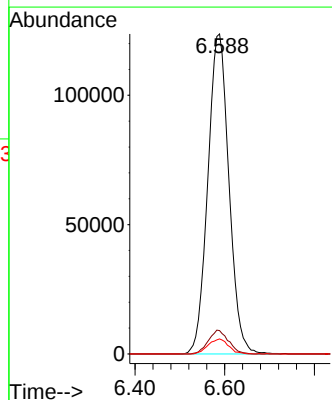
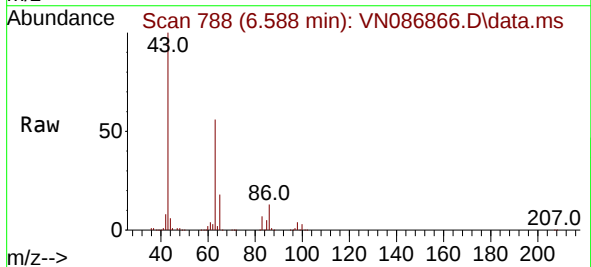
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

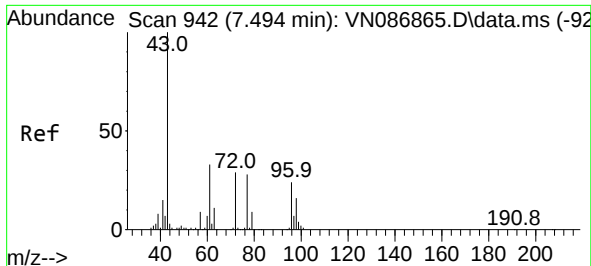
Tgt Ion: 43 Resp: 2919350
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 99.186 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

Tgt Ion: 63 Resp: 404207
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.7 2.6 7.8

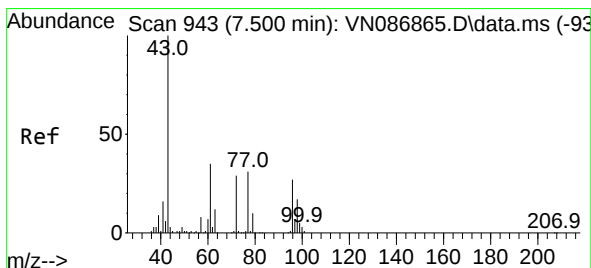
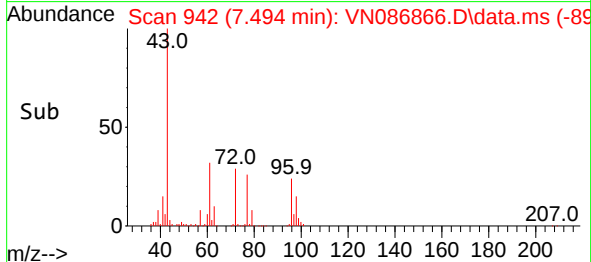
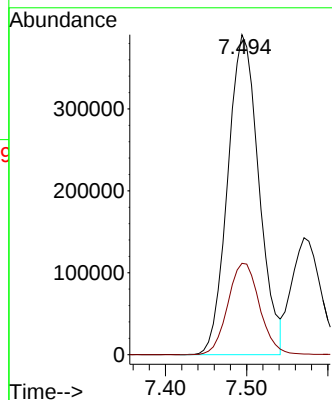
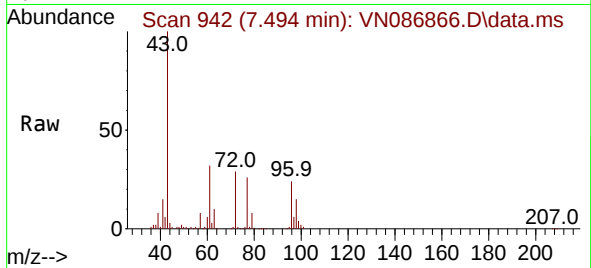




#25
2-Butanone
Concen: 496.743 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

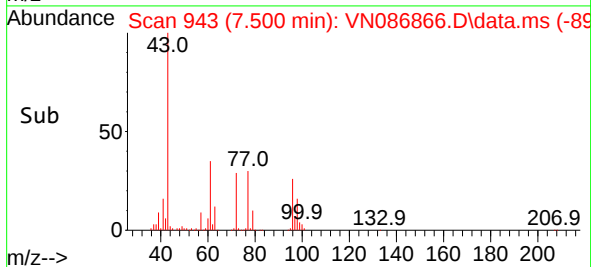
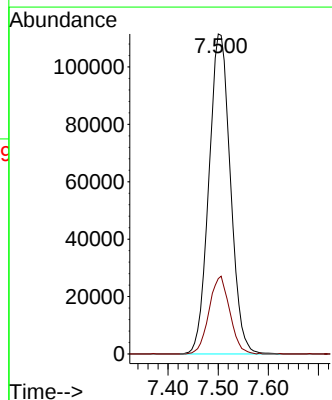
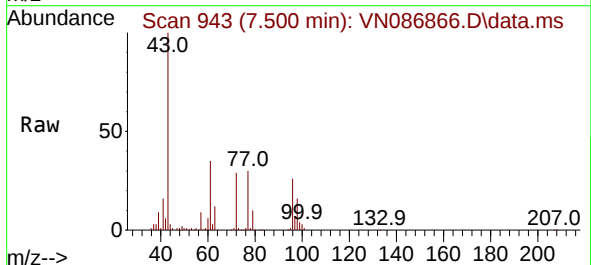
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

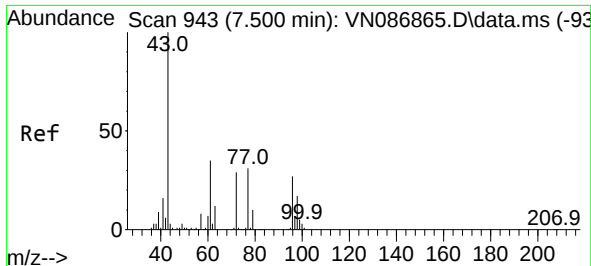
Tgt Ion: 43 Resp: 1043385
Ion Ratio Lower Upper
43 100
72 28.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 104.729 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 77 Resp: 331995
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7

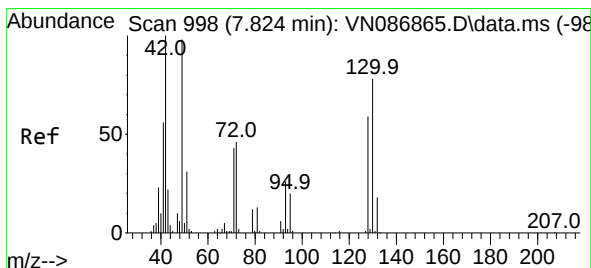
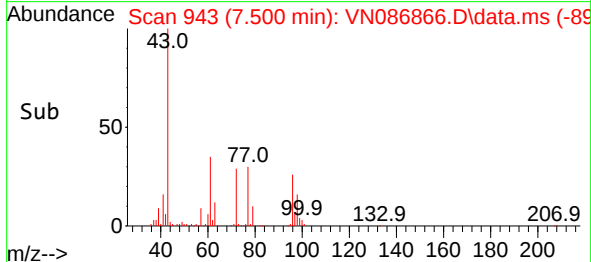
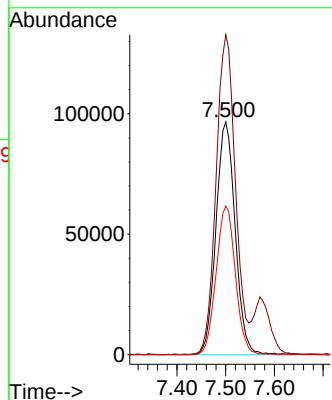
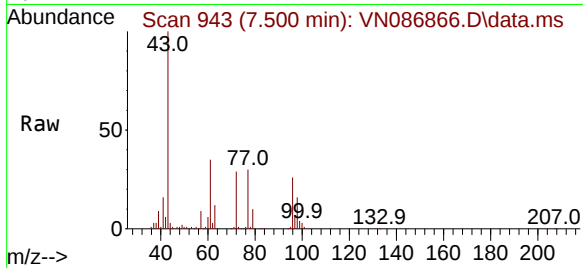




#27
 cis-1,2-Dichloroethene
 Concen: 98.410 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

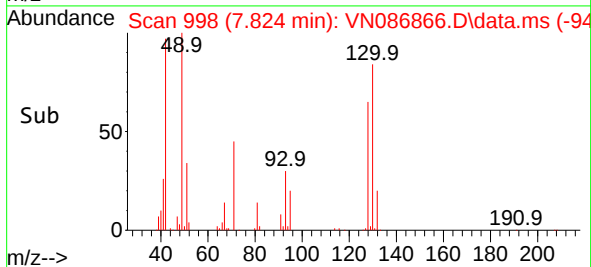
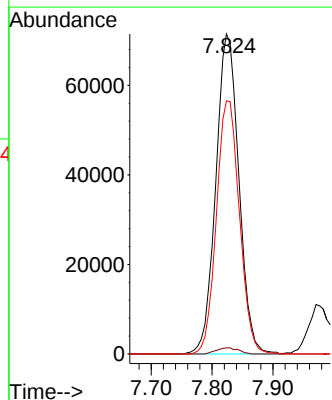
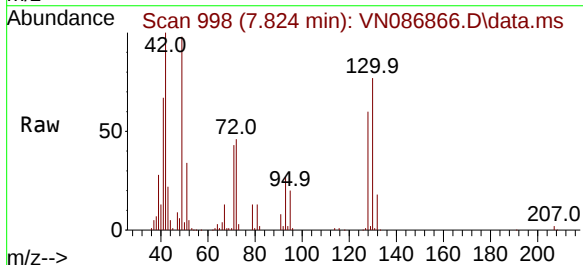
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion: 96 Resp: 265248
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 278.0
 98 64.0 0.0 128.2



#28
 Bromochloromethane
 Concen: 93.851 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

Tgt Ion: 49 Resp: 188050
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 78.9 62.2 93.2





#29

Tetrahydrofuran

Concen: 495.240 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

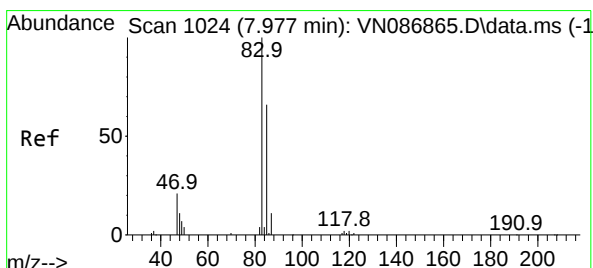
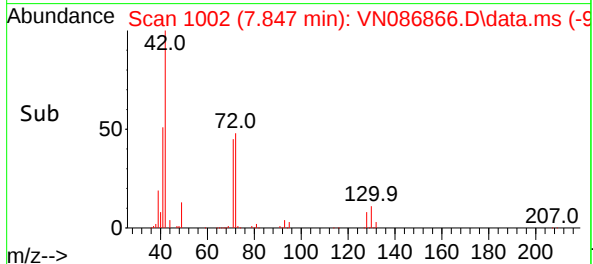
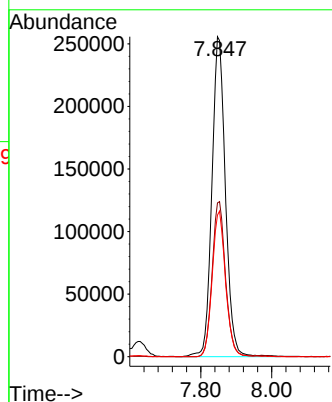
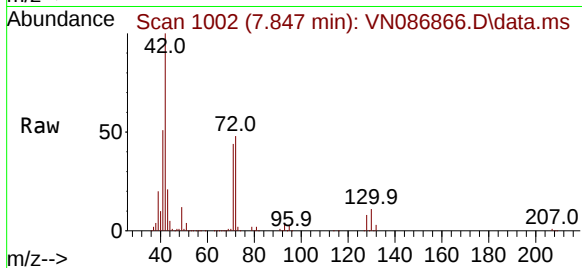
Tgt Ion: 42 Resp: 677636

Ion Ratio Lower Upper

42 100

72 47.9 37.8 56.6

71 44.8 35.6 53.4



#30

Chloroform

Concen: 97.040 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN086866.D

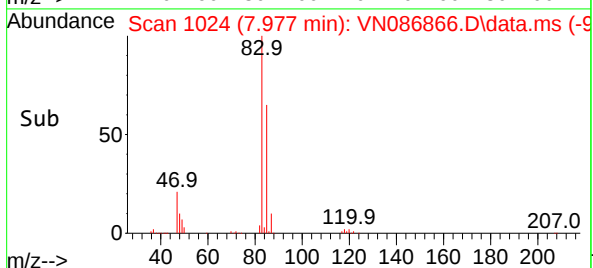
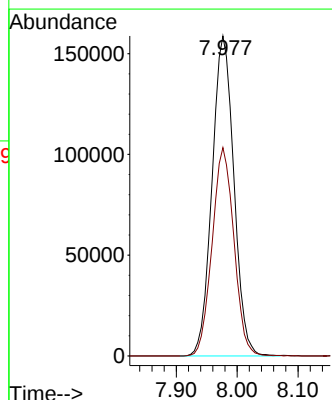
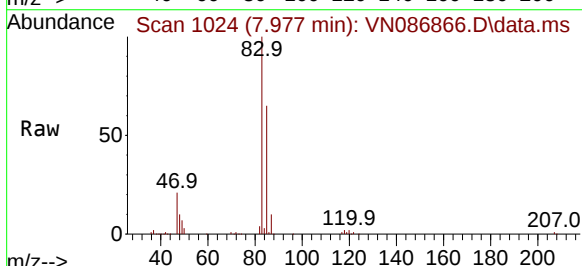
Acq: 06 Jun 2025 14:26

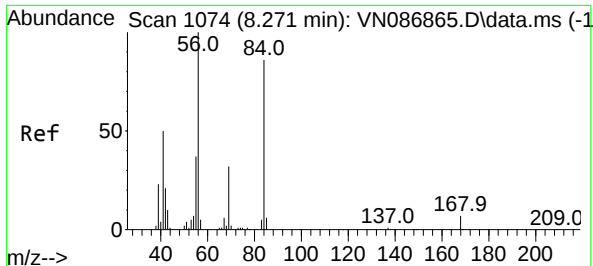
Tgt Ion: 83 Resp: 394927

Ion Ratio Lower Upper

83 100

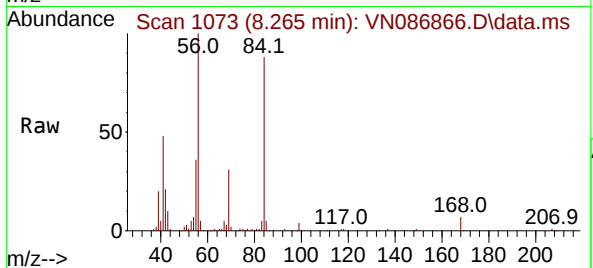
85 65.1 52.9 79.3



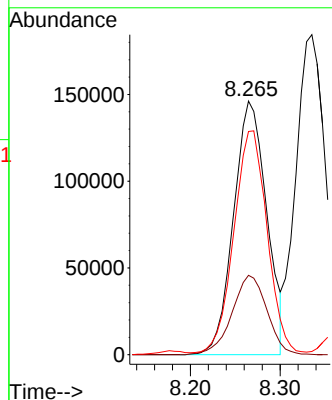
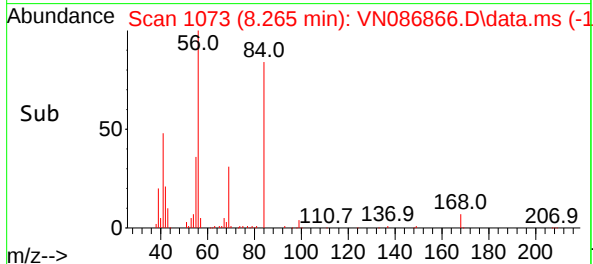


#31
Cyclohexane
Concen: 94.869 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

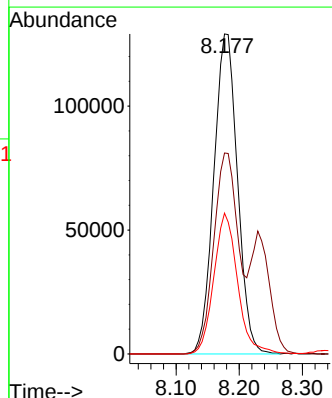
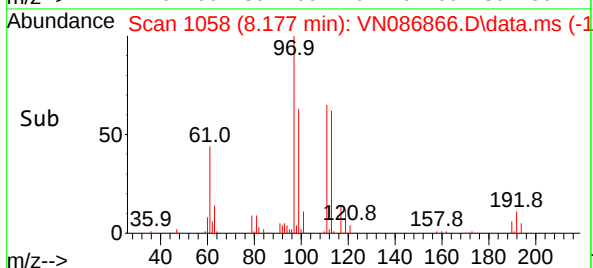
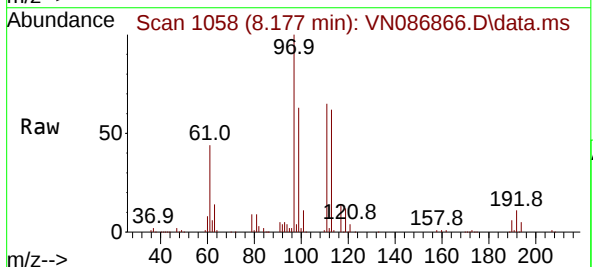


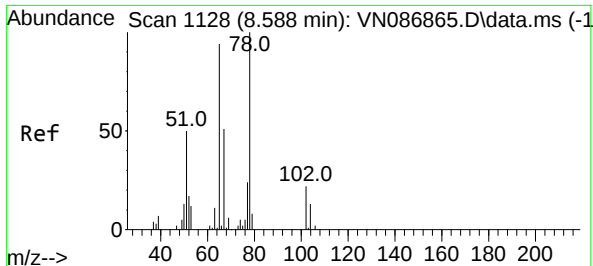
Tgt Ion: 56 Resp: 374933
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 86.8 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 97.306 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 97 Resp: 336819
Ion Ratio Lower Upper
97 100
99 65.7 52.0 78.0
61 44.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 98.065 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

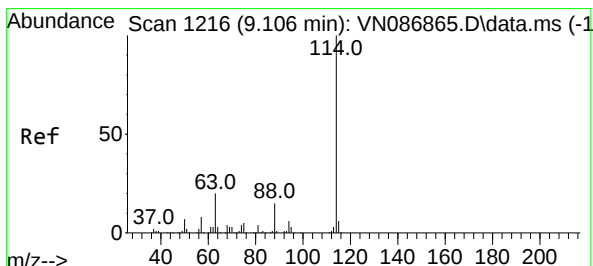
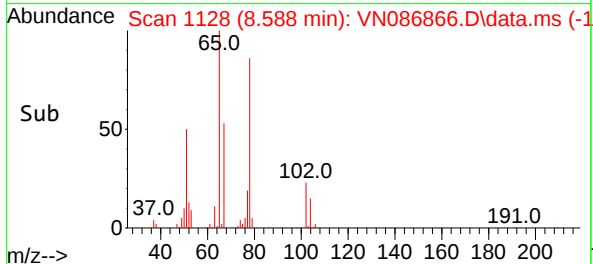
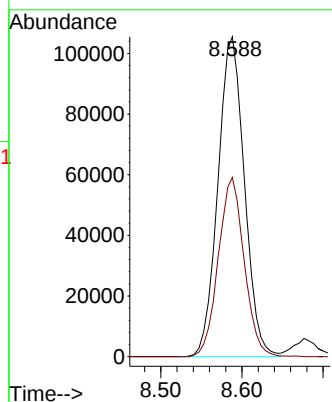
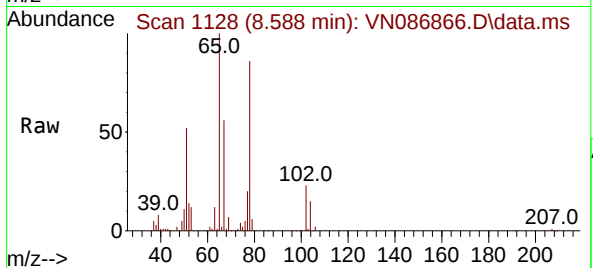
VSTDICC100

Tgt Ion: 65 Resp: 238957

Ion Ratio Lower Upper

65 100

67 54.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

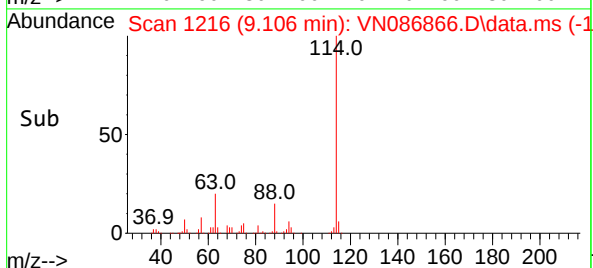
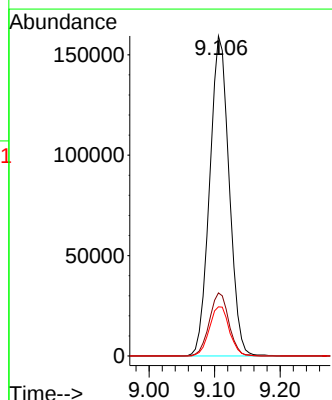
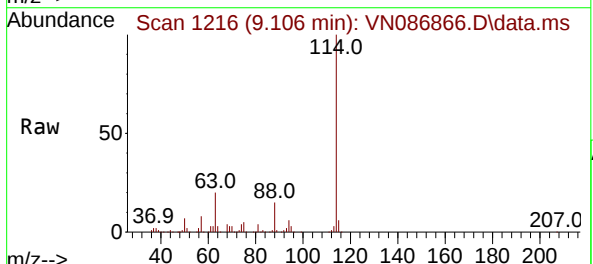
Tgt Ion: 114 Resp: 327782

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 100.495 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

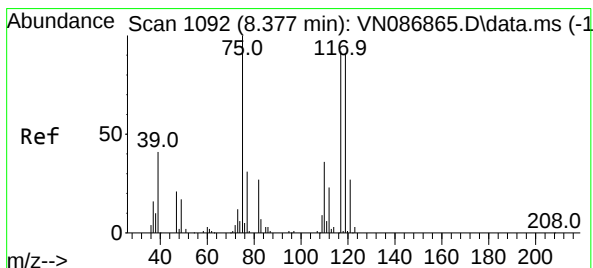
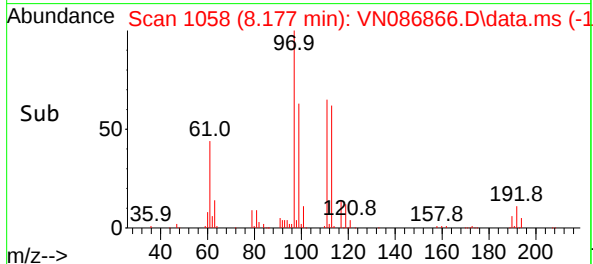
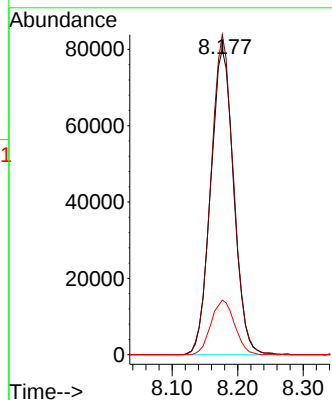
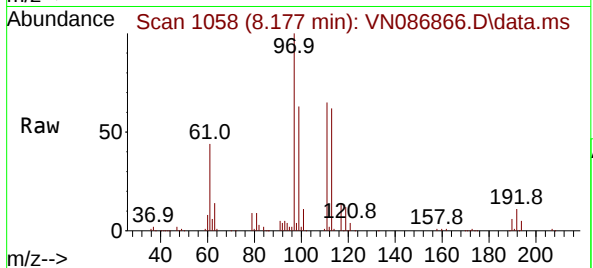
Tgt Ion:113 Resp: 195212

Ion Ratio Lower Upper

113 100

111 102.9 84.2 126.2

192 18.2 14.2 21.4



#36

1,1-Dichloropropene

Concen: 100.156 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

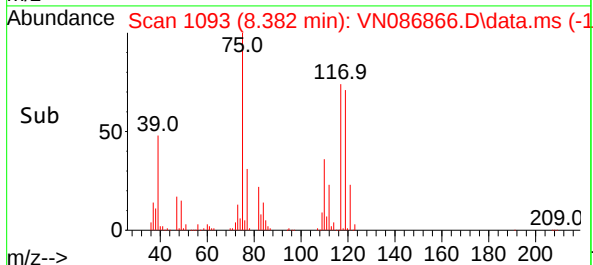
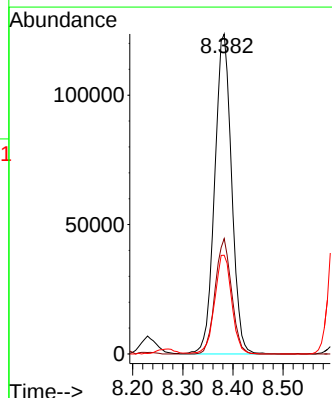
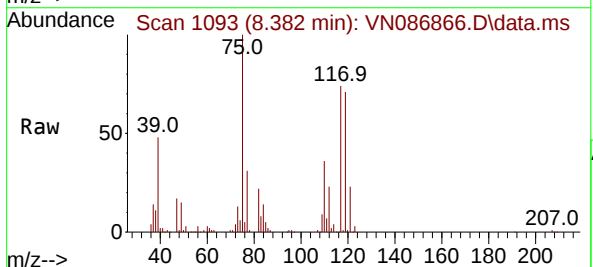
Tgt Ion: 75 Resp: 289907

Ion Ratio Lower Upper

75 100

110 34.9 17.6 52.9

77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 100.591 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

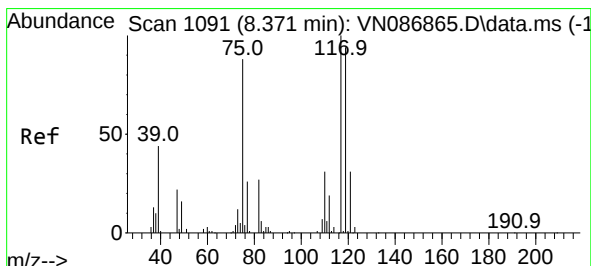
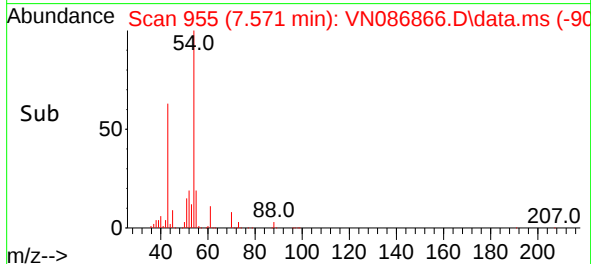
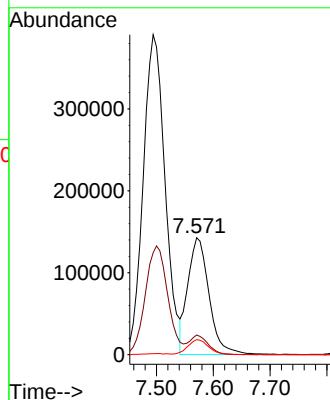
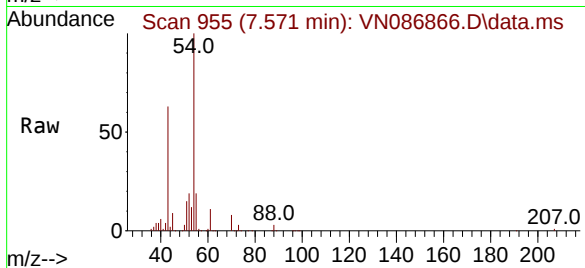
Tgt Ion: 43 Resp: 370652

Ion Ratio Lower Upper

43 100

61 15.3 12.1 18.1

70 12.6 9.8 14.6



#38

Carbon Tetrachloride

Concen: 100.404 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

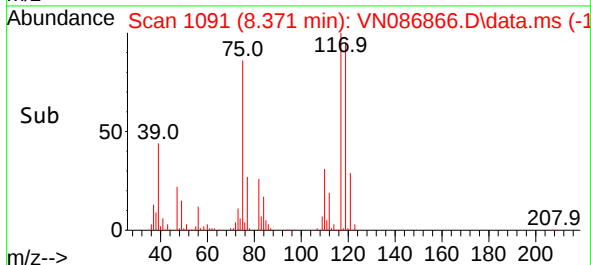
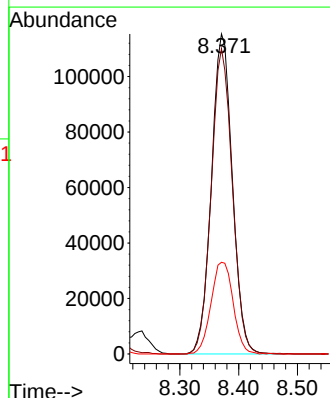
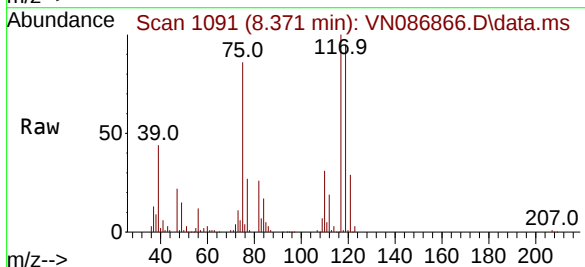
Tgt Ion: 117 Resp: 285325

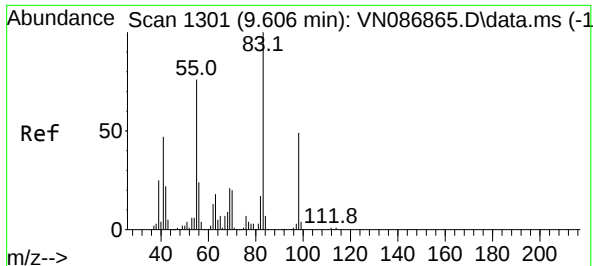
Ion Ratio Lower Upper

117 100

119 95.4 75.0 112.6

121 28.6 24.9 37.3





#39

Methylcyclohexane

Concen: 99.758 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

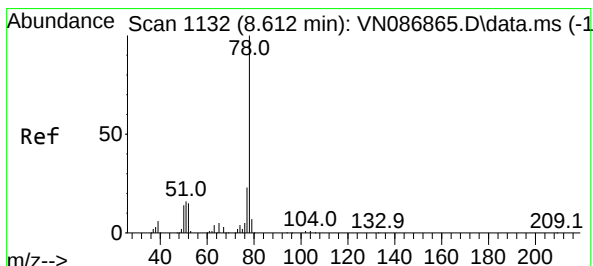
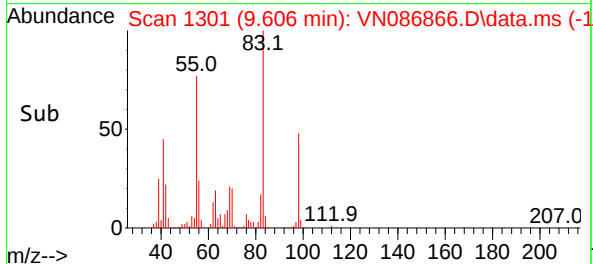
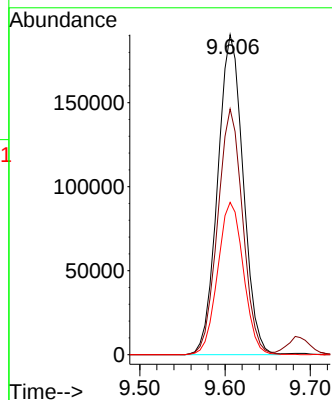
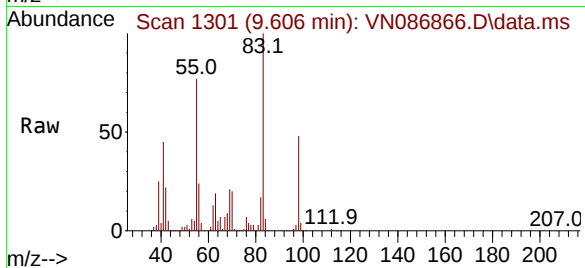
Tgt Ion: 83 Resp: 395603

Ion Ratio Lower Upper

83 100

55 76.8 61.0 91.6

98 47.6 38.9 58.3



#40

Benzene

Concen: 97.946 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086866.D

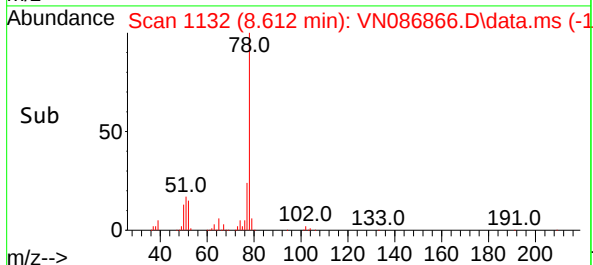
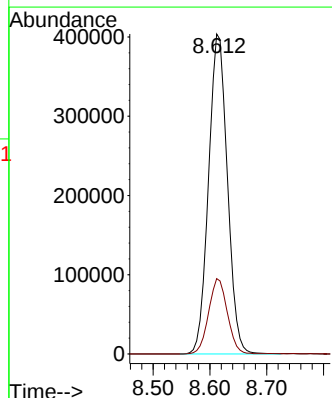
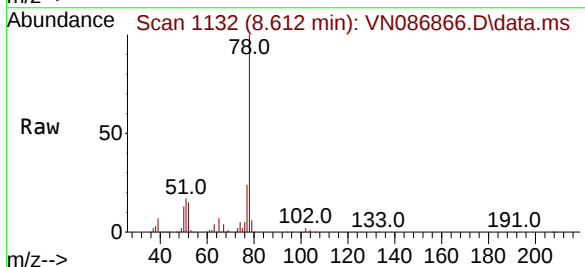
Acq: 06 Jun 2025 14:26

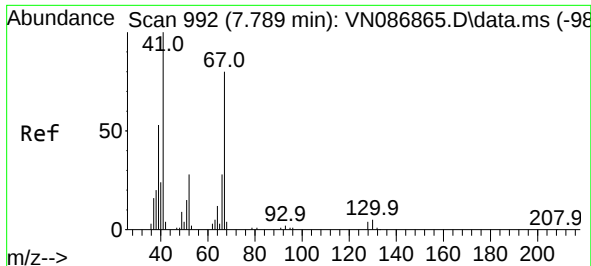
Tgt Ion: 78 Resp: 927083

Ion Ratio Lower Upper

78 100

77 23.6 18.7 28.1



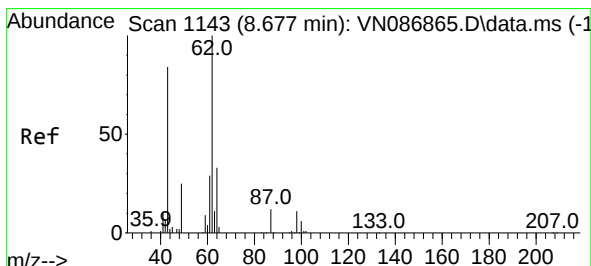
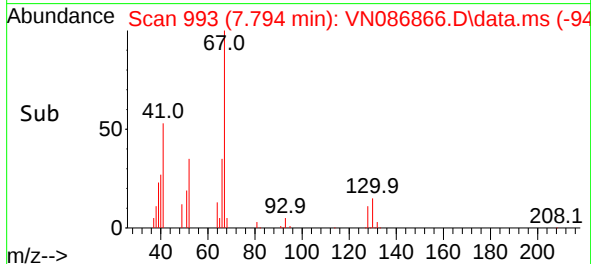
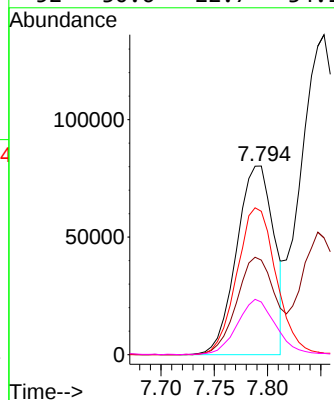
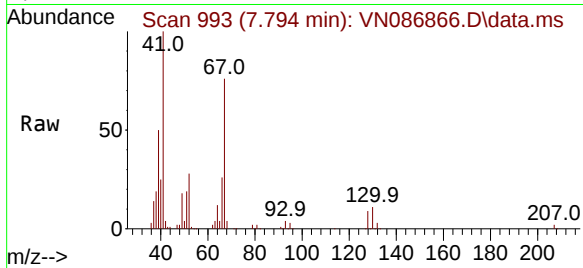


#41
Methacrylonitrile
Concen: 94.688 ug/l
RT: 7.794 min Scan# 992
Delta R.T. 0.006 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 195946

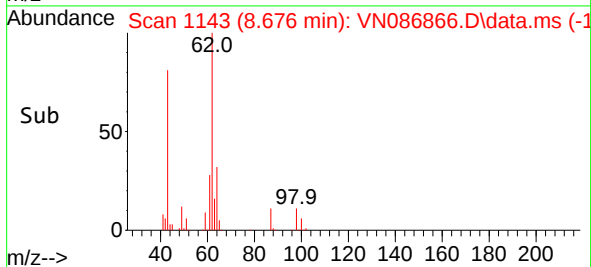
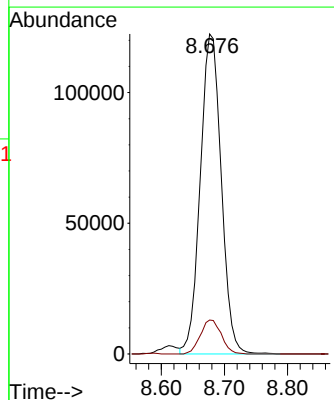
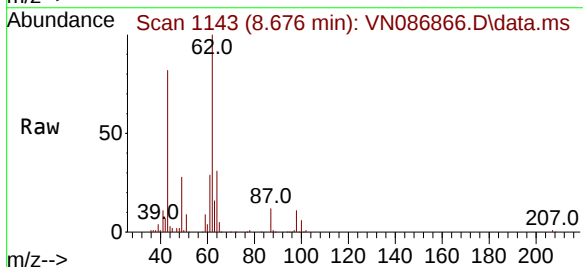
Ion	Ratio	Lower	Upper
41	100		
39	54.3	41.2	61.8
67	82.5	61.4	92.2
52	30.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 98.232 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 62 Resp: 282015

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2

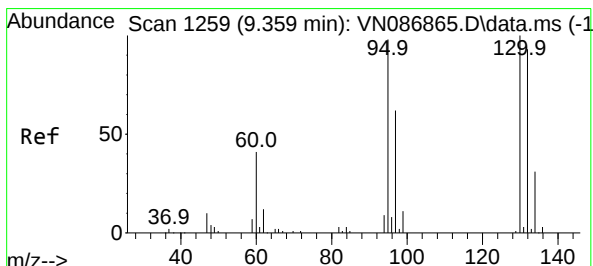
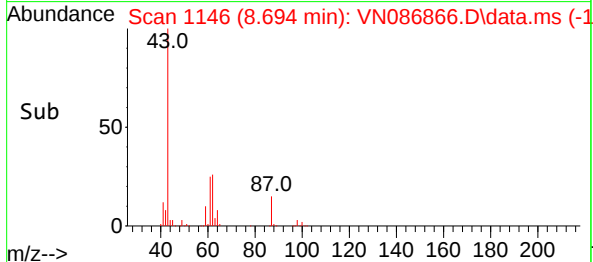
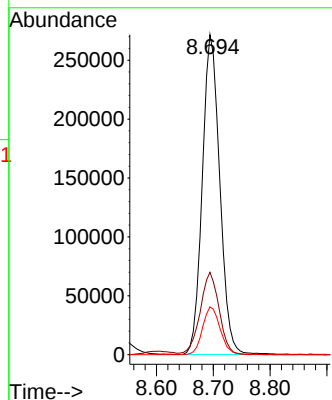
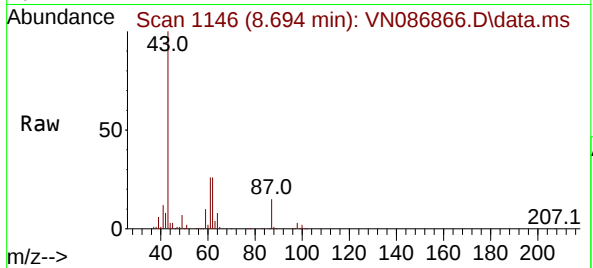




#43
Isopropyl Acetate
Concen: 97.981 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

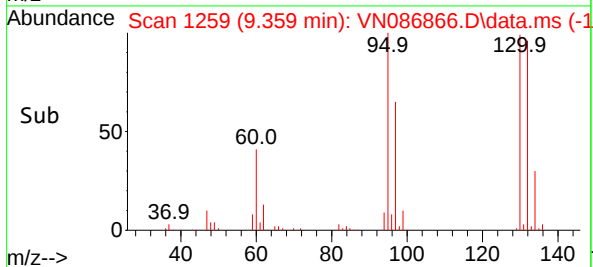
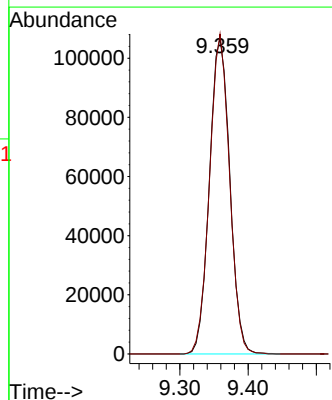
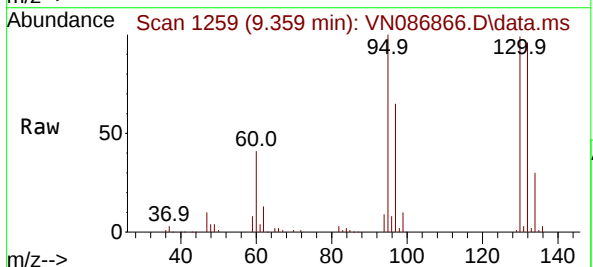
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

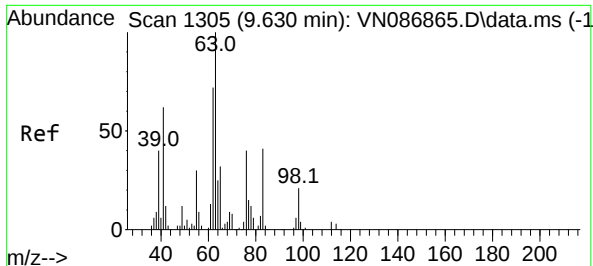
Tgt Ion: 43 Resp: 579464
Ion Ratio Lower Upper
43 100
61 28.1 22.1 33.1
87 15.0 11.8 17.6



#44
Trichloroethene
Concen: 99.280 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 130 Resp: 222822
Ion Ratio Lower Upper
130 100
95 101.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 100.077 ug/l

RT: 9.629 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

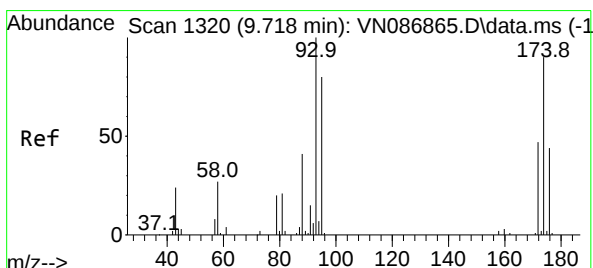
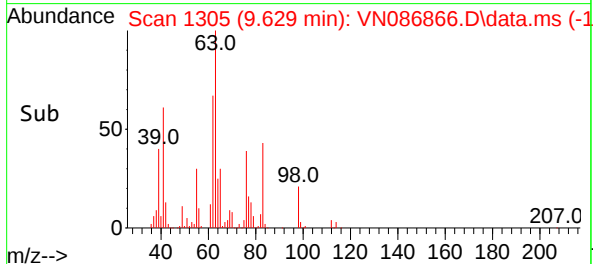
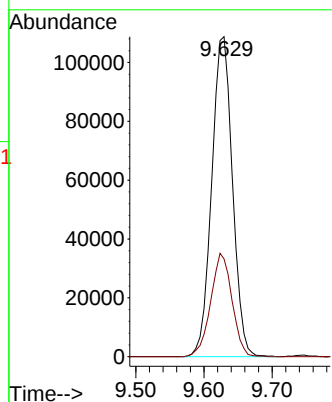
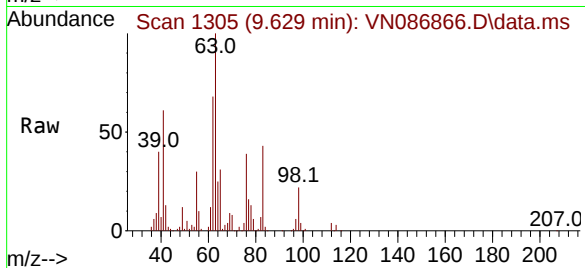
VSTDICC100

Tgt Ion: 63 Resp: 230454

Ion Ratio Lower Upper

63 100

65 30.6 25.5 38.3



#46

Dibromomethane

Concen: 101.685 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

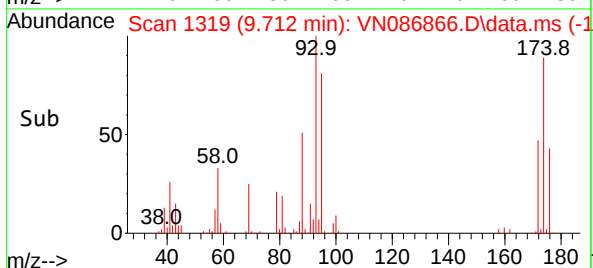
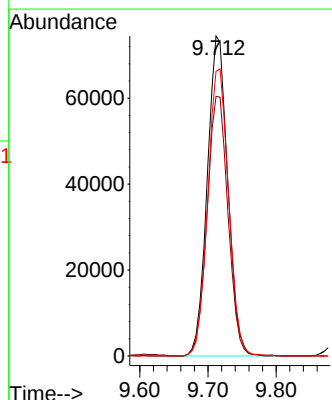
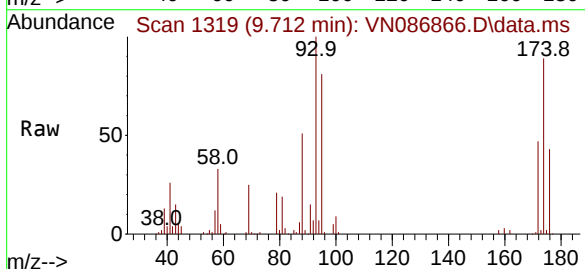
Tgt Ion: 93 Resp: 155530

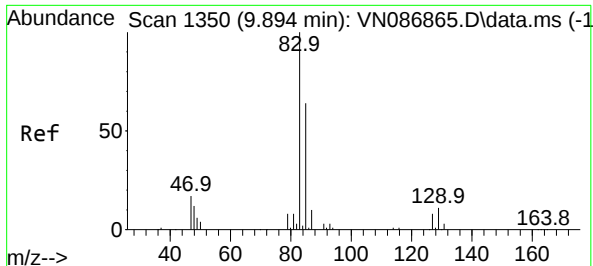
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

174 91.6 74.2 111.4

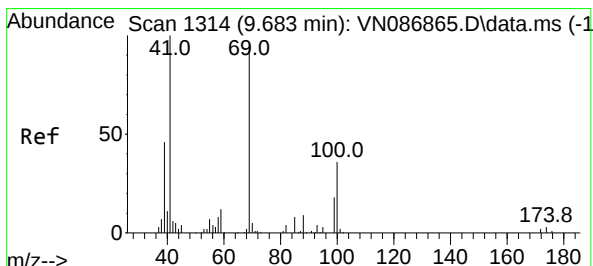
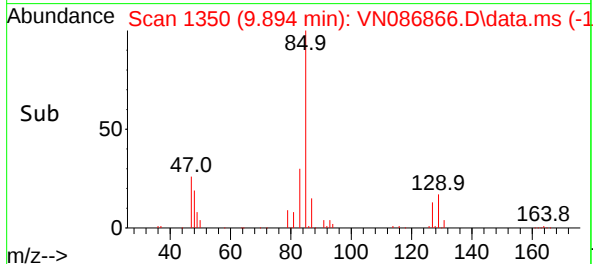
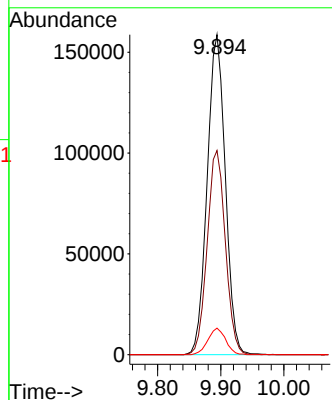
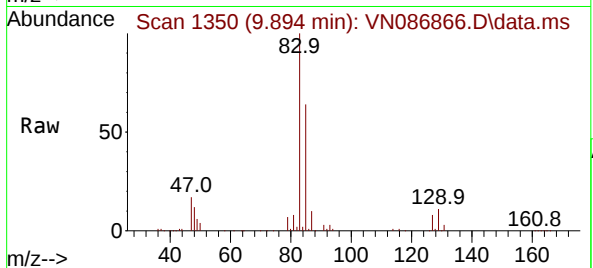




#47
Bromodichloromethane
Concen: 100.533 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

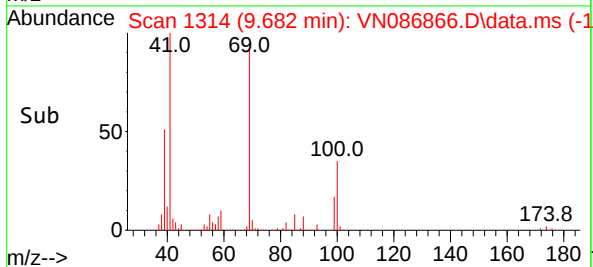
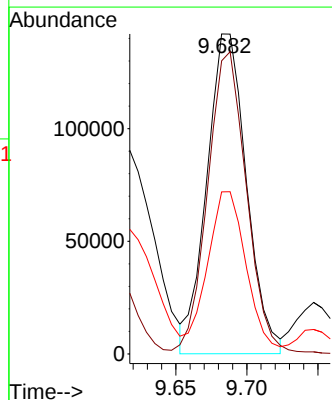
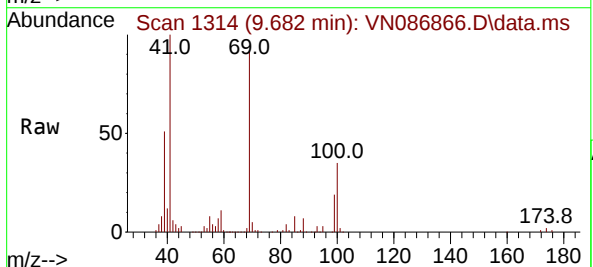
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

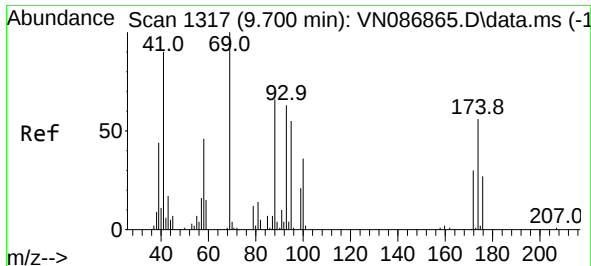
Tgt Ion: 83 Resp: 316375
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 101.288 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 41 Resp: 275710
Ion Ratio Lower Upper
41 100
69 92.4 74.6 112.0
39 50.1 40.2 60.4





#49

1,4-Dioxane

Concen: 2115.744 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

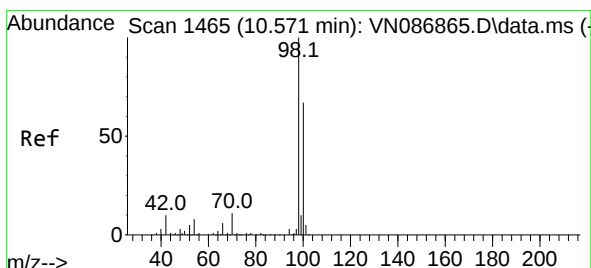
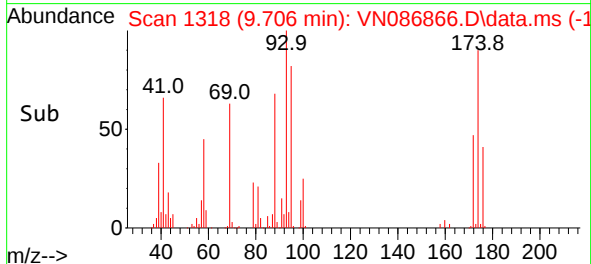
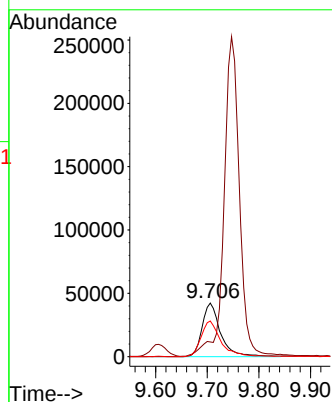
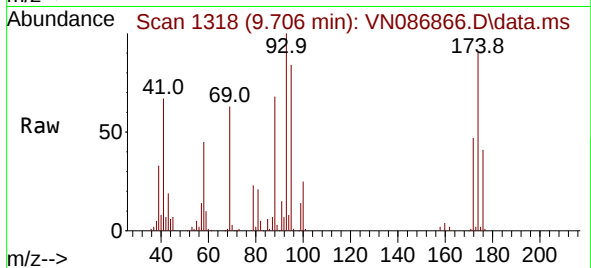
Tgt Ion: 88 Resp: 104771

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.5 57.7 86.5



#50

Toluene-d8

Concen: 100.419 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086866.D

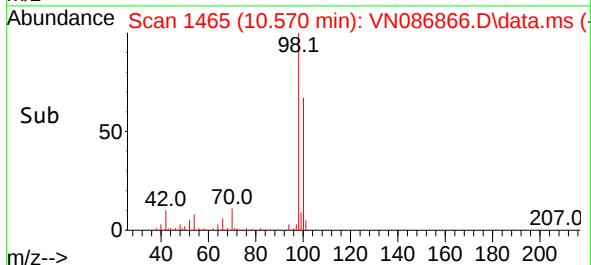
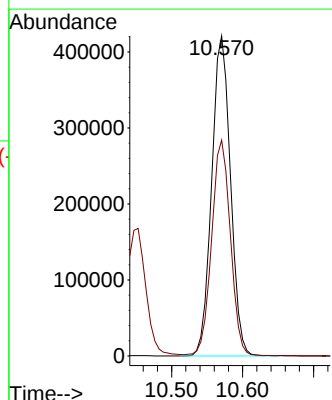
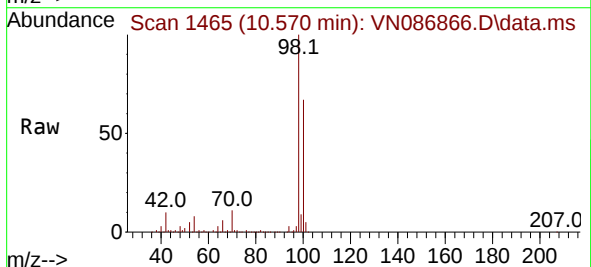
Acq: 06 Jun 2025 14:26

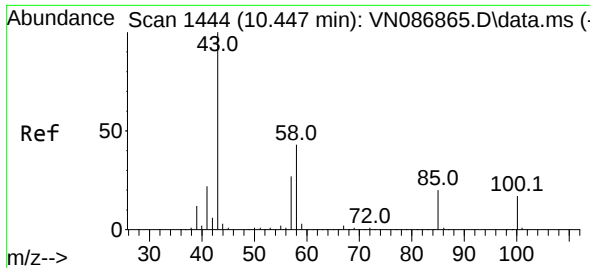
Tgt Ion: 98 Resp: 772210

Ion Ratio Lower Upper

98 100

100 67.6 53.4 80.0

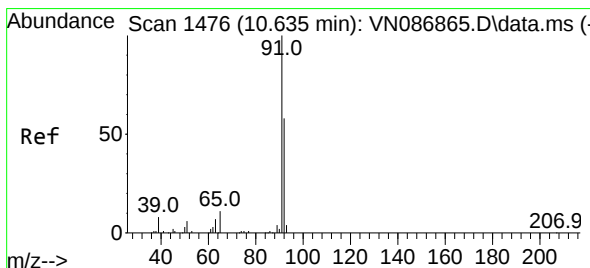
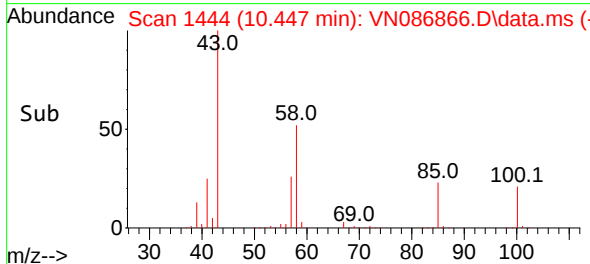
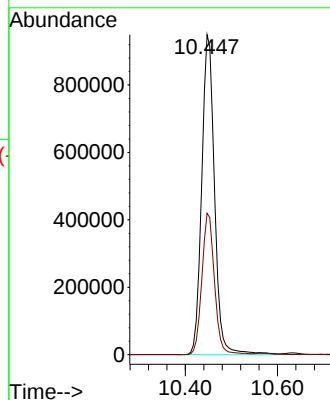
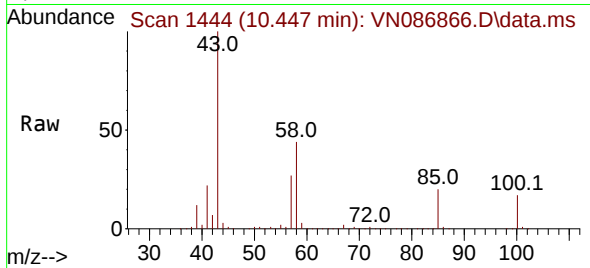




#51
4-Methyl-2-Pentanone
Concen: 517.729 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

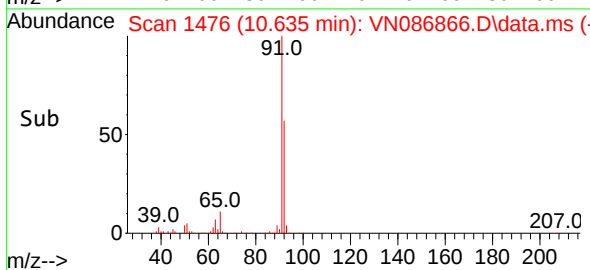
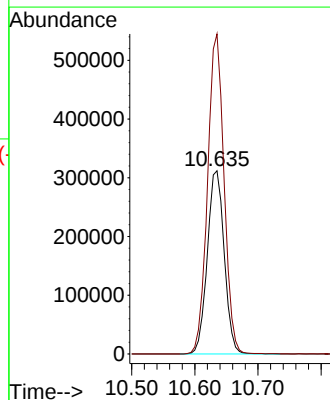
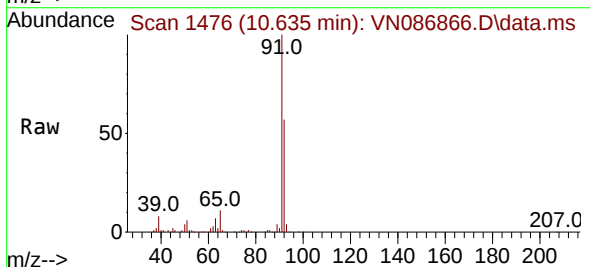
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

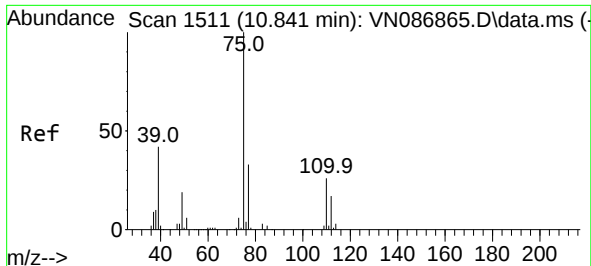
Tgt Ion: 43 Resp: 1843274
Ion Ratio Lower Upper
43 100
58 43.6 34.2 51.4



#52
Toluene
Concen: 100.092 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 92 Resp: 578978
Ion Ratio Lower Upper
92 100
91 170.6 136.5 204.7

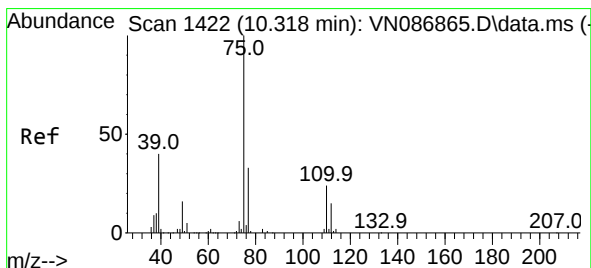
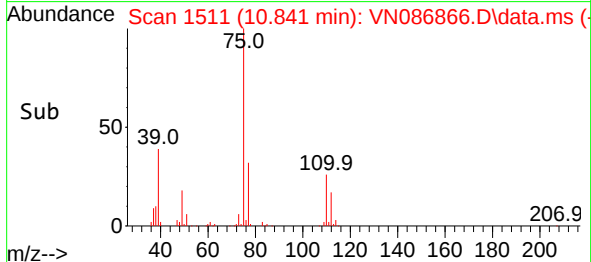
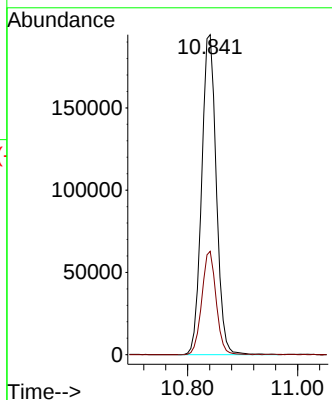
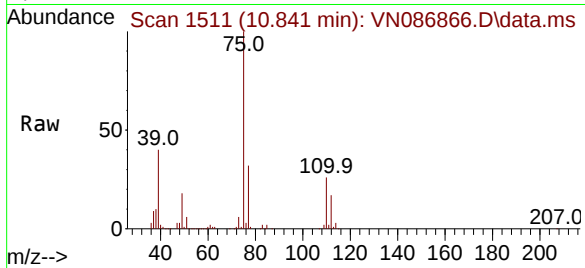




#53
t-1,3-Dichloropropene
Concen: 102.077 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

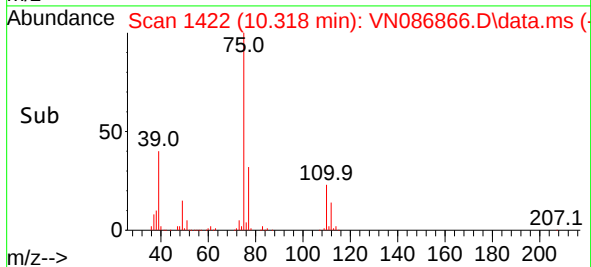
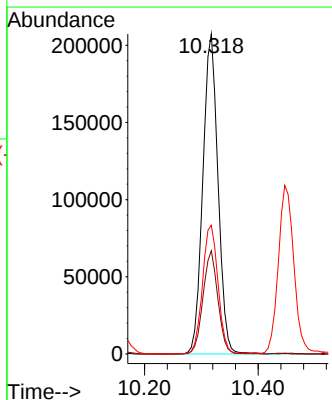
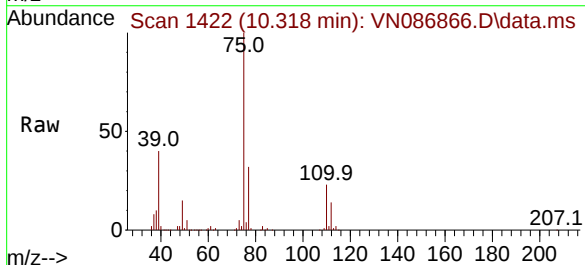
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

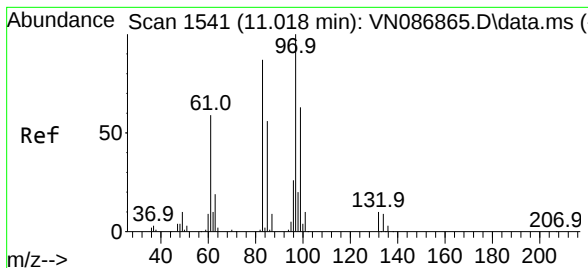
Tgt Ion: 75 Resp: 359200
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 101.730 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 383030
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.4
39 40.1 32.3 48.5

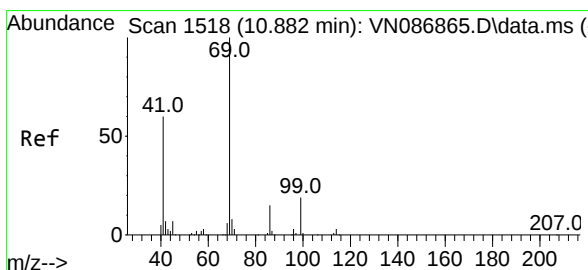
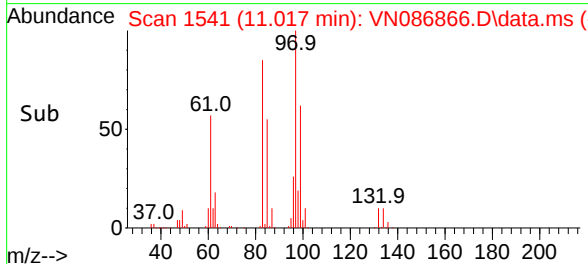
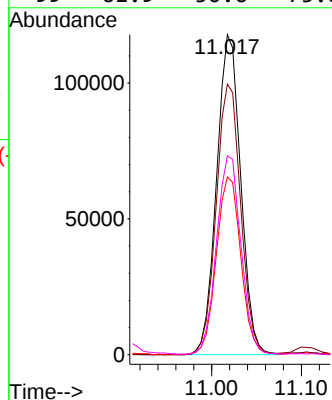
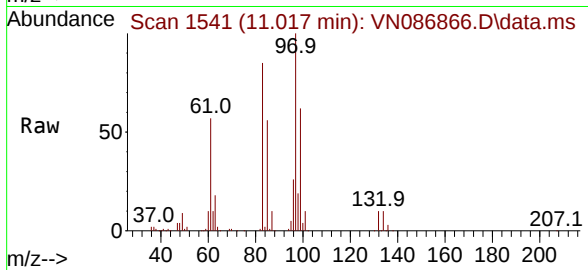




#55
1,1,2-Trichloroethane
Concen: 98.808 ug/l
RT: 11.017 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

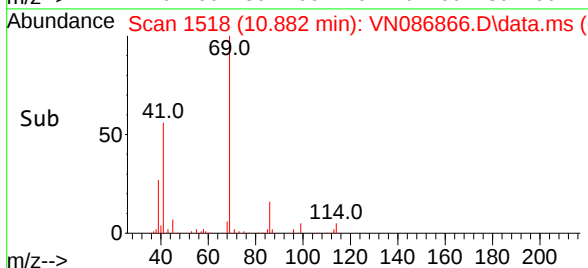
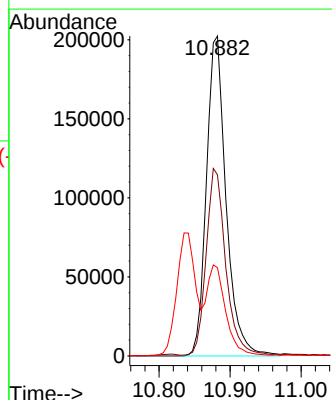
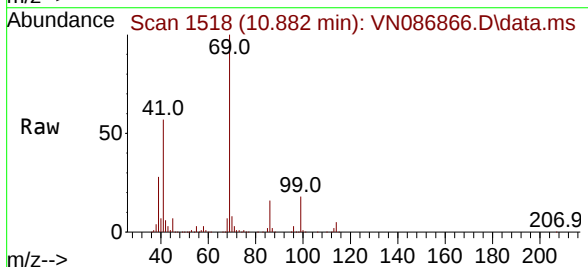
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

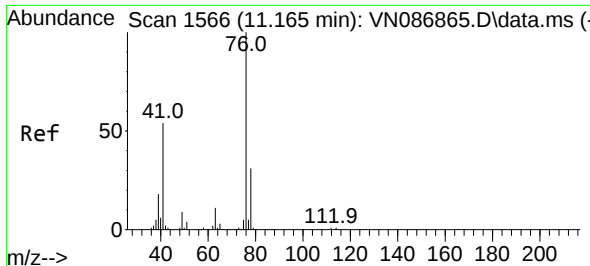
Tgt Ion: 97 Resp: 219922
Ion Ratio Lower Upper
97 100
83 84.5 69.7 104.5
85 55.6 45.1 67.7
99 61.9 50.6 75.8



#56
Ethyl methacrylate
Concen: 109.955 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 69 Resp: 389802
Ion Ratio Lower Upper
69 100
41 58.3 47.2 70.8
39 27.5 23.0 34.6





#57

1,3-Dichloropropane

Concen: 99.069 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

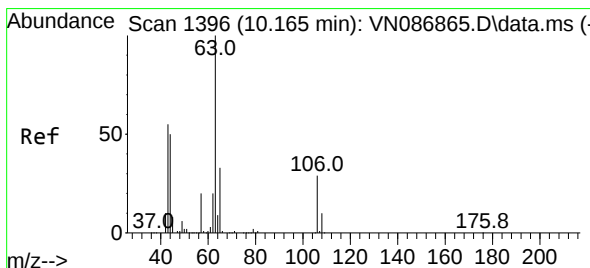
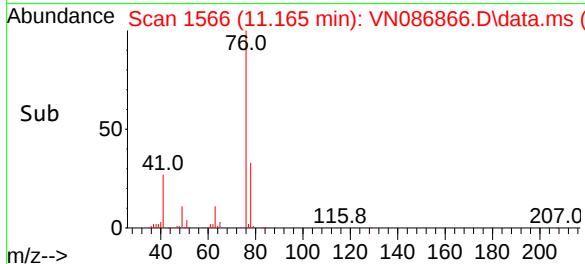
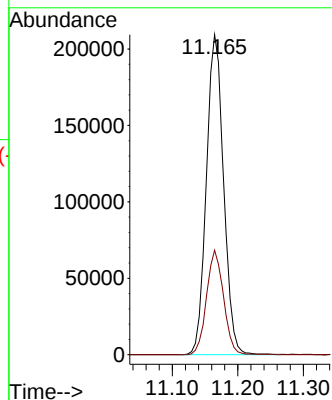
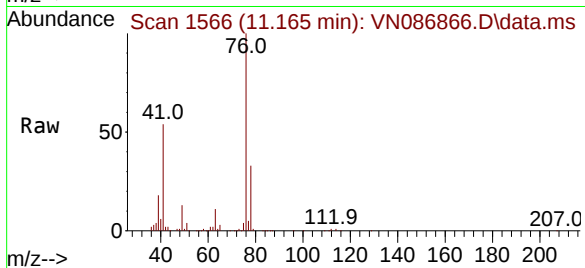
VSTDIC100

Tgt Ion: 76 Resp: 382510

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 526.621 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN086866.D

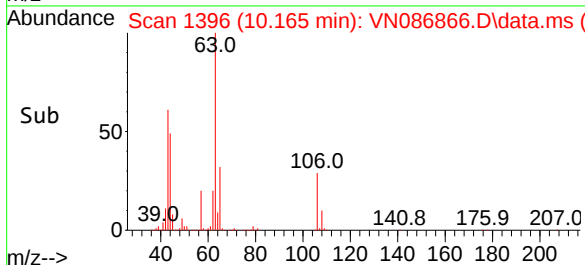
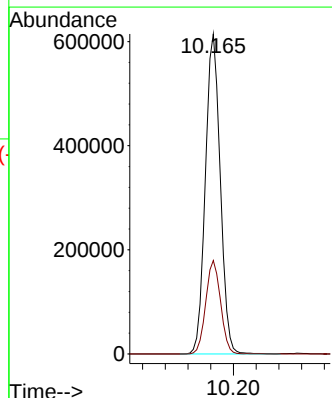
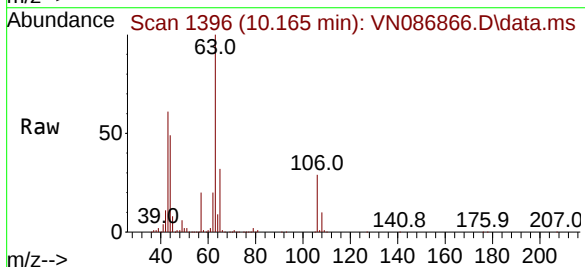
Acq: 06 Jun 2025 14:26

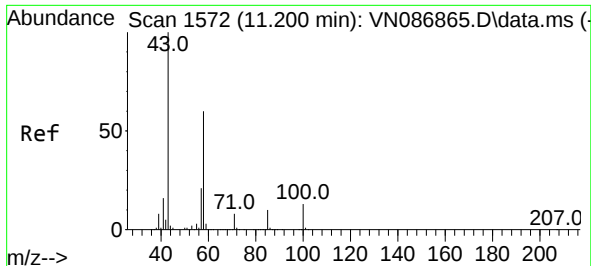
Tgt Ion: 63 Resp: 1113523

Ion Ratio Lower Upper

63 100

106 29.1 23.0 34.6

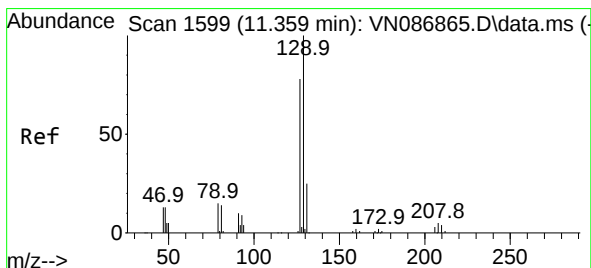
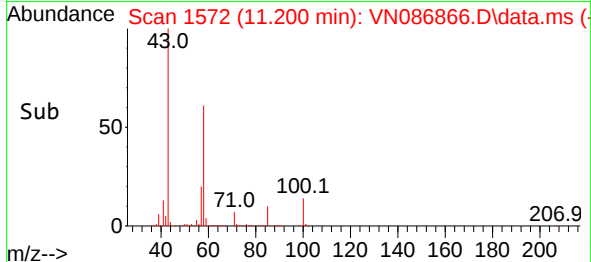
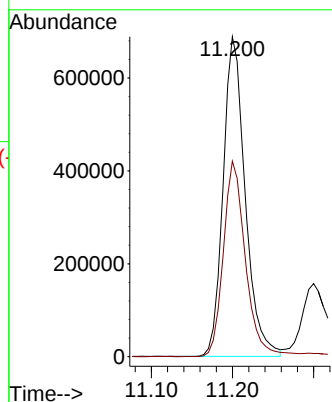
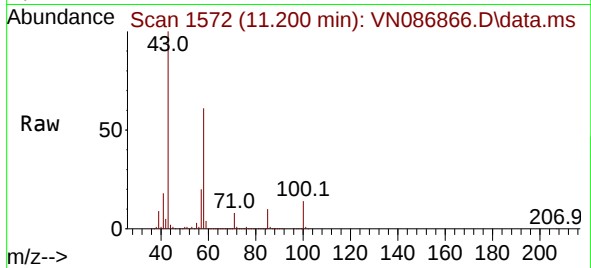




#59
2-Hexanone
Concen: 567.535 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

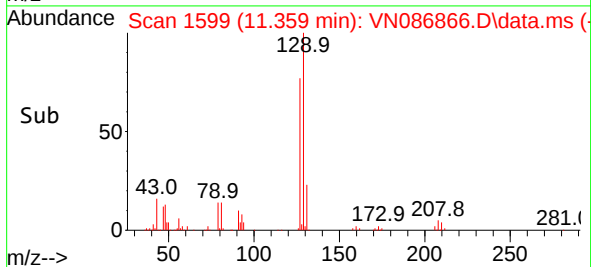
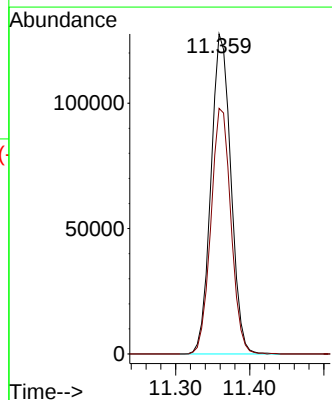
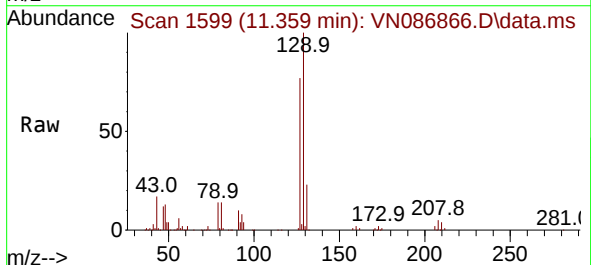
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1301539
Ion Ratio Lower Upper
43 100
58 61.4 30.4 91.3



#60
Dibromochloromethane
Concen: 102.616 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 129 Resp: 237965
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

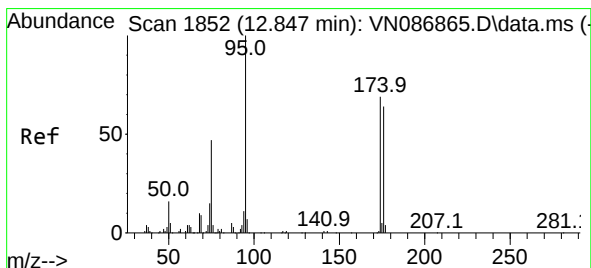
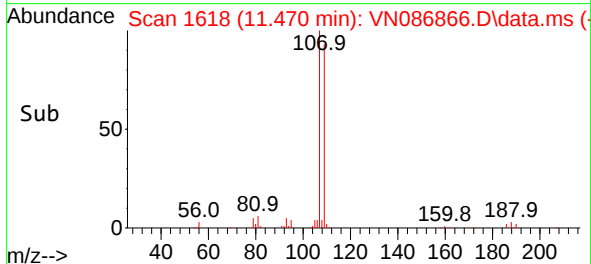
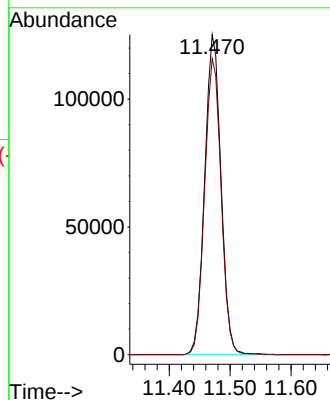
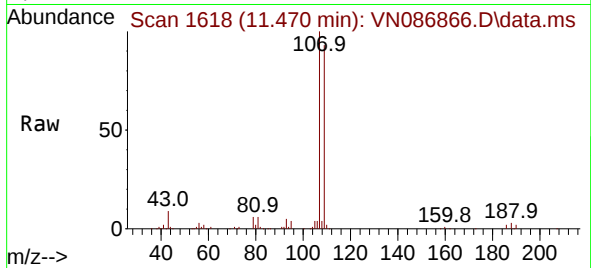




#61
1,2-Dibromoethane
Concen: 101.787 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

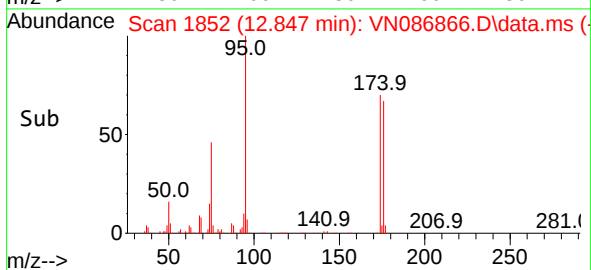
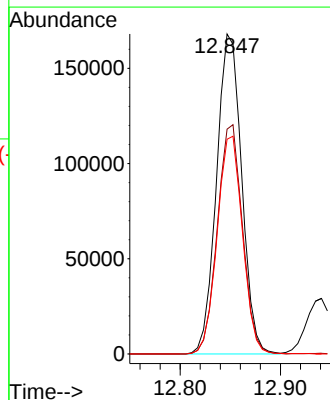
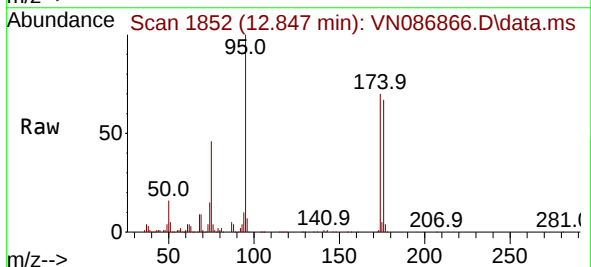
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

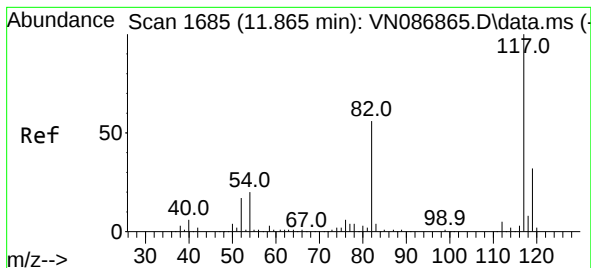
Tgt Ion:107 Resp: 232214
Ion Ratio Lower Upper
107 100
109 93.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 102.339 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 95 Resp: 292385
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.8
176 68.6 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

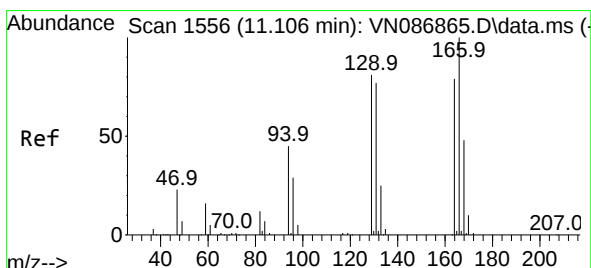
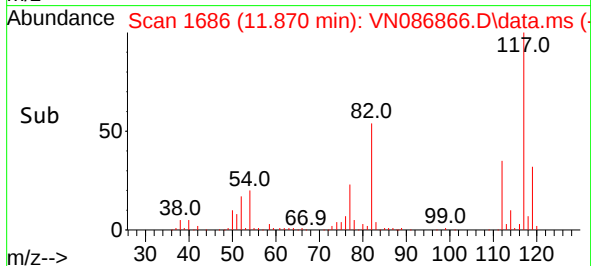
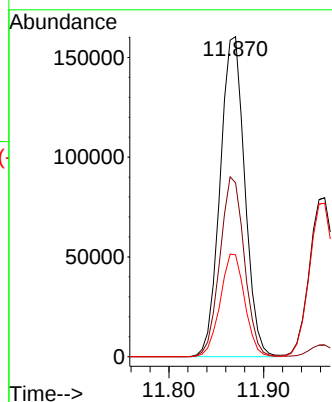
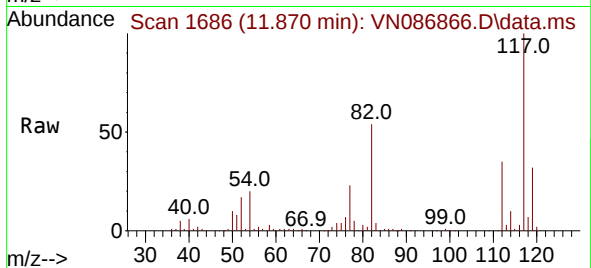
Tgt Ion:117 Resp: 290313

Ion Ratio Lower Upper

117 100

82 54.3 44.6 67.0

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 98.824 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Tgt Ion:164 Resp: 181568

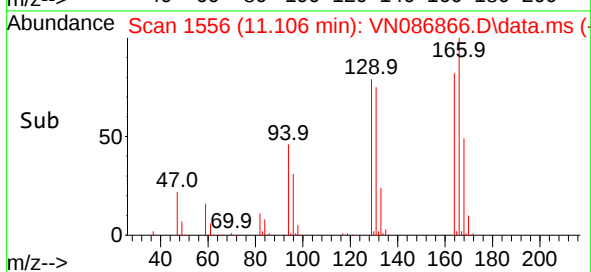
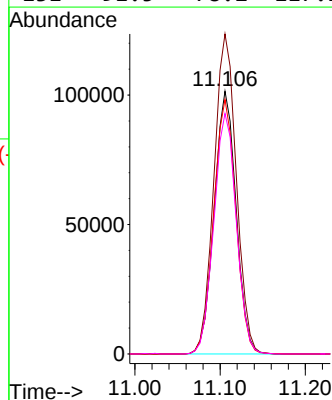
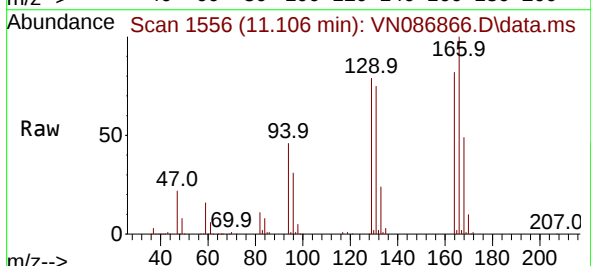
Ion Ratio Lower Upper

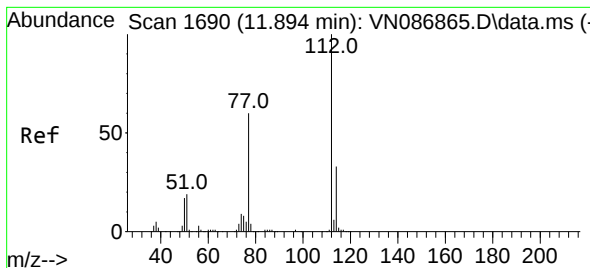
164 100

166 121.8 101.8 152.8

129 96.8 83.0 124.4

131 91.5 78.2 117.2





#65

Chlorobenzene

Concen: 98.793 ug/l

RT: 11.894 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

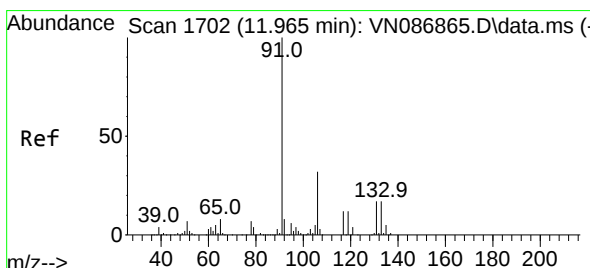
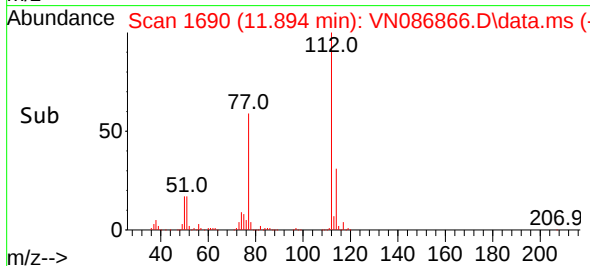
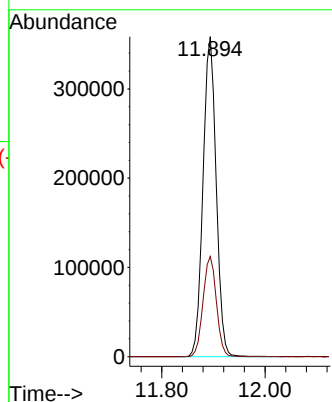
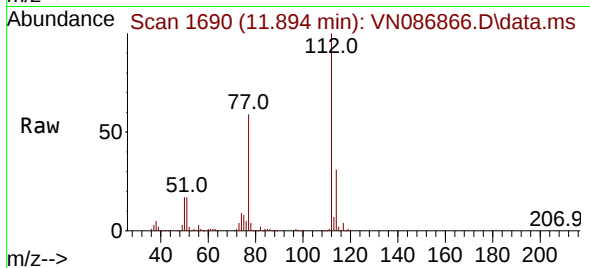
VSTDIC100

Tgt Ion:112 Resp: 632563

Ion Ratio Lower Upper

112 100

114 31.3 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 100.521 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

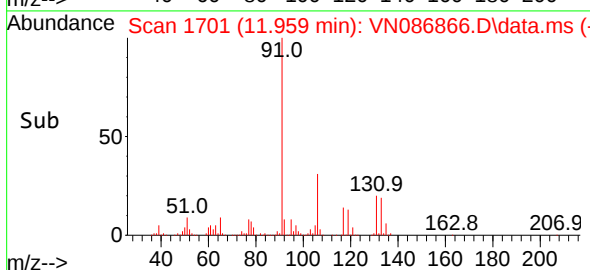
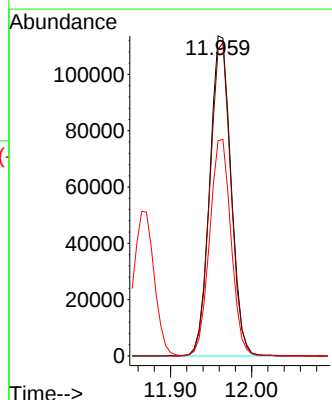
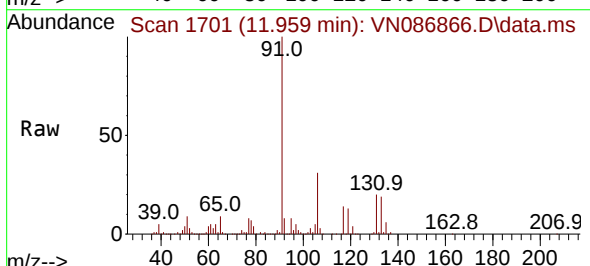
Tgt Ion:131 Resp: 206895

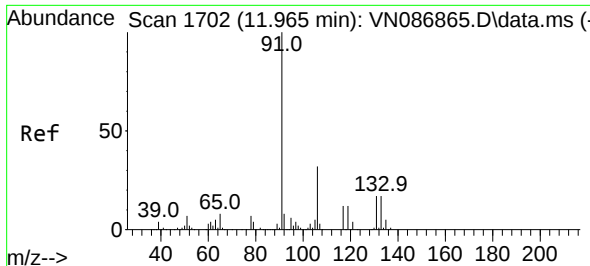
Ion Ratio Lower Upper

131 100

133 96.4 48.3 144.8

119 68.2 34.0 101.8





#67

Ethyl Benzene

Concen: 100.717 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

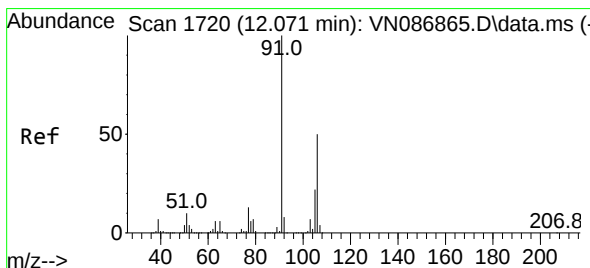
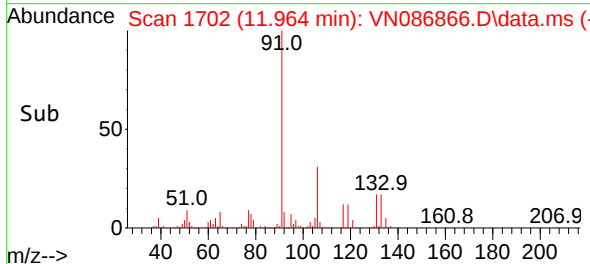
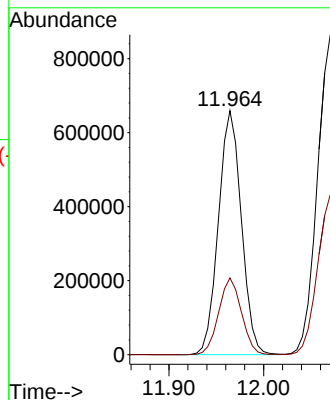
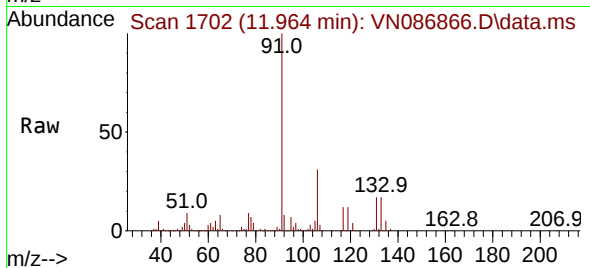
VSTDIC100

Tgt Ion: 91 Resp: 1110803

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2



#68

m/p-Xylenes

Concen: 202.411 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN086866.D

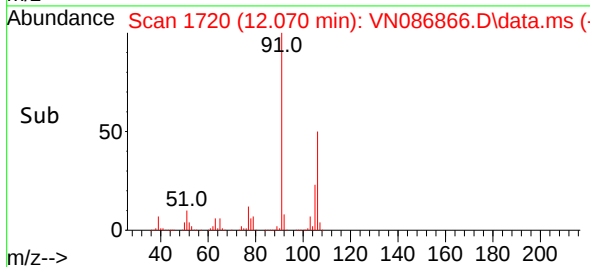
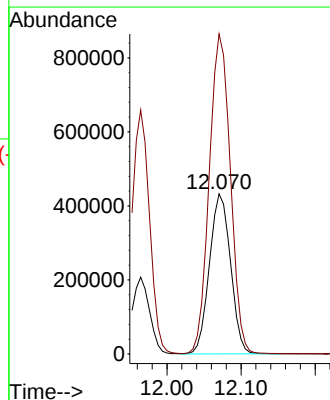
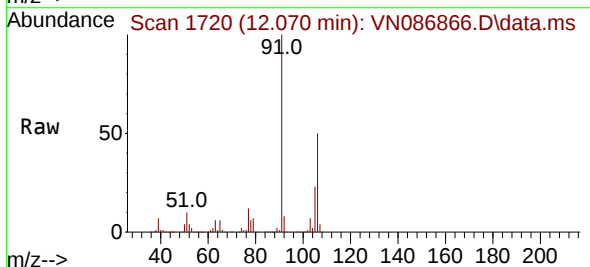
Acq: 06 Jun 2025 14:26

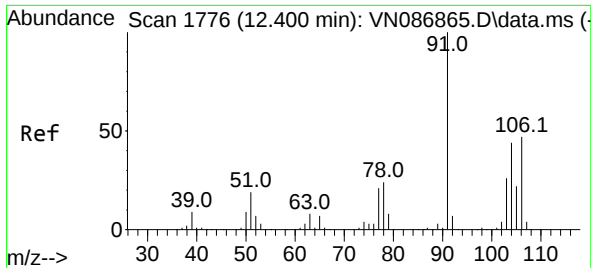
Tgt Ion:106 Resp: 854557

Ion Ratio Lower Upper

106 100

91 200.4 159.4 239.0

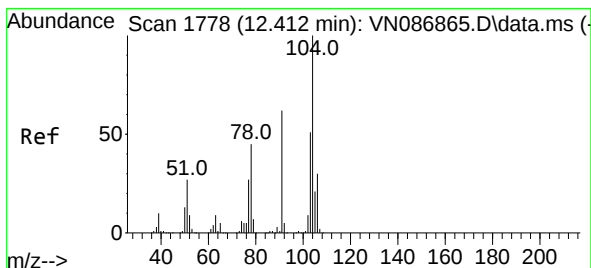
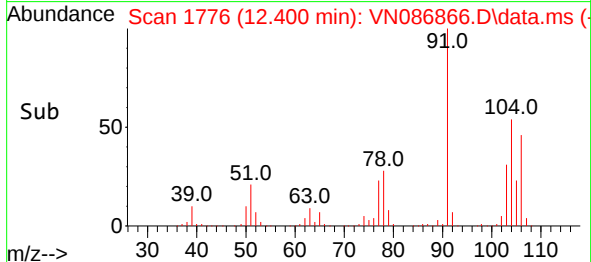
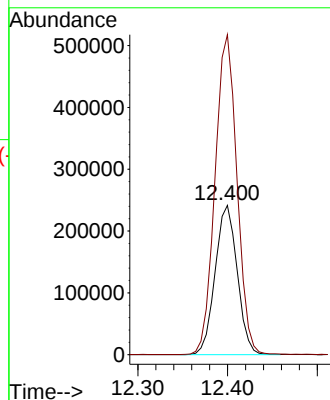
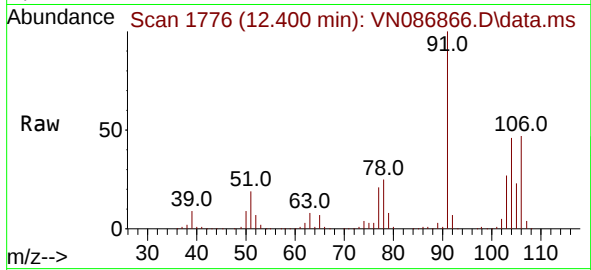




#69
o-Xylene
Concen: 102.070 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

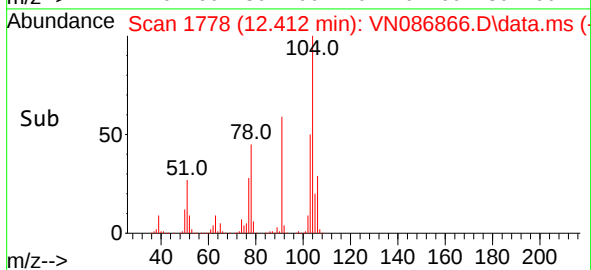
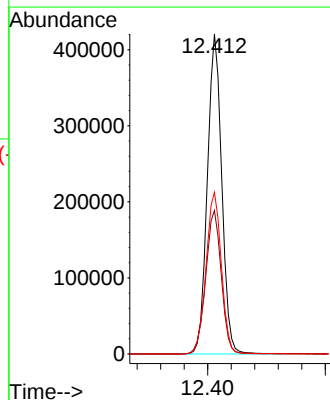
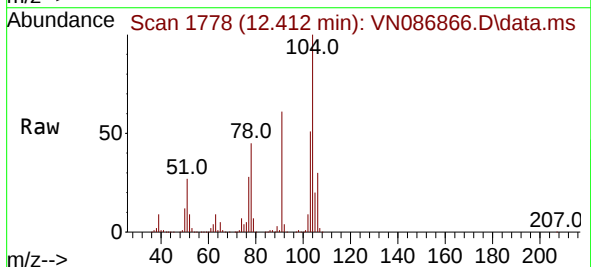
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 412719
Ion Ratio Lower Upper
106 100
91 212.8 106.1 318.1



#70
Styrene
Concen: 103.127 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:104 Resp: 713548
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.0 43.1 64.7

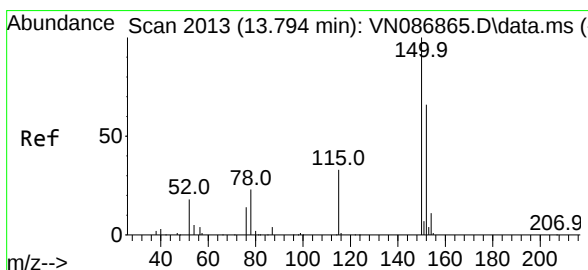
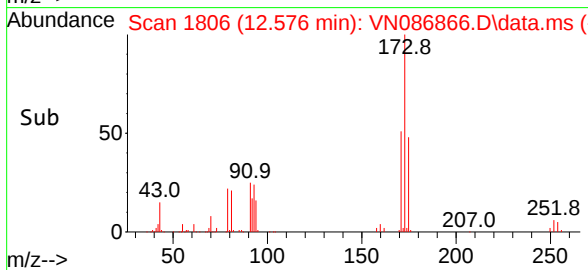
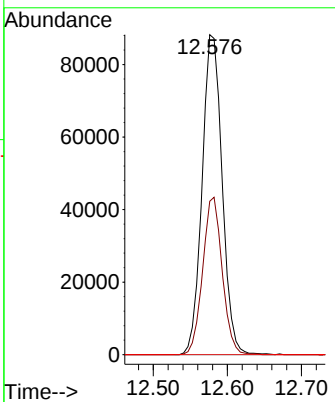
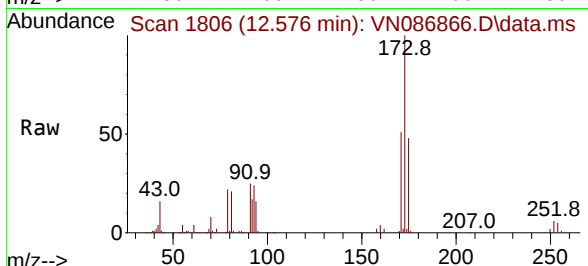




#71
 Bromoform
 Concen: 108.707 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

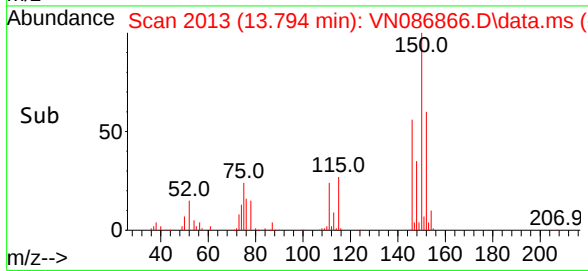
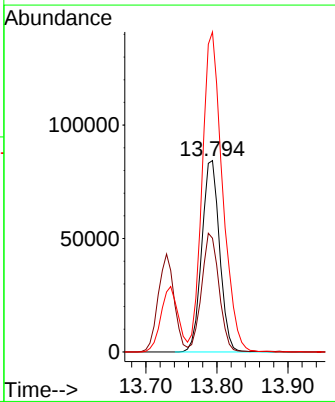
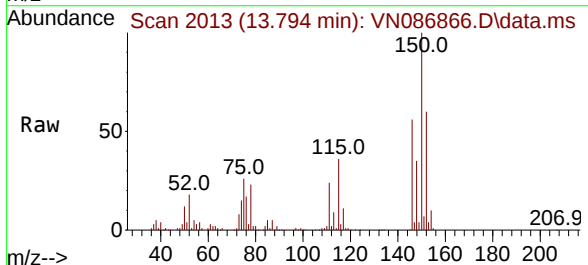
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

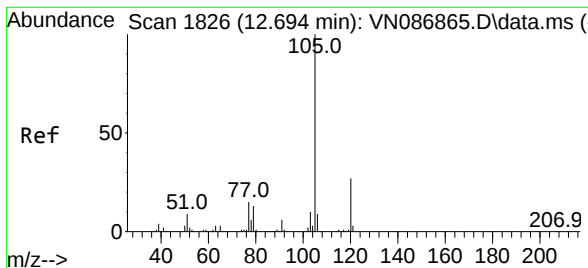
Tgt Ion:	173	Resp:	165781
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.1	72.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

Tgt Ion:	152	Resp:	147098
Ion Ratio	Lower	Upper	
152	100		
115	60.1	30.1	90.5
150	190.4	0.0	345.0





#73

Isopropylbenzene

Concen: 99.410 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

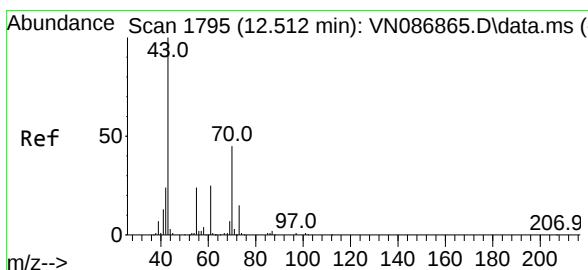
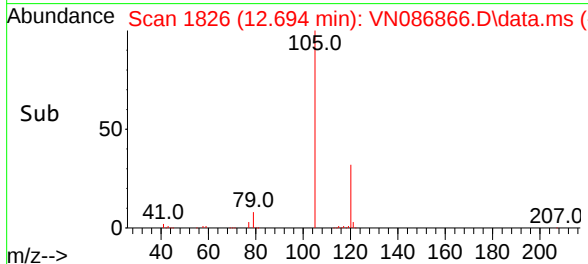
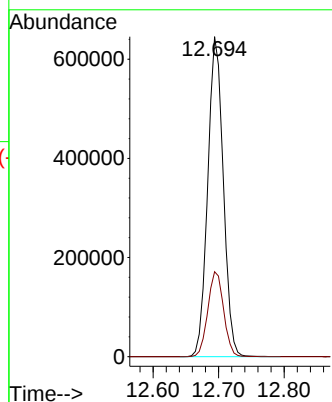
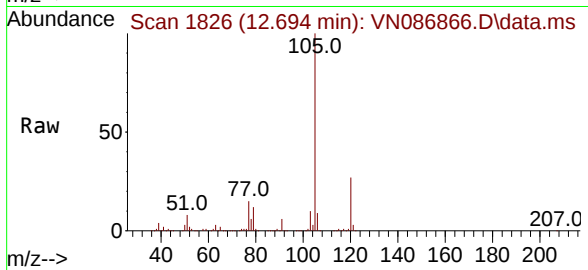
VSTDIC100

Tgt Ion:105 Resp: 1065297

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 113.475 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Tgt Ion: 43 Resp: 403587

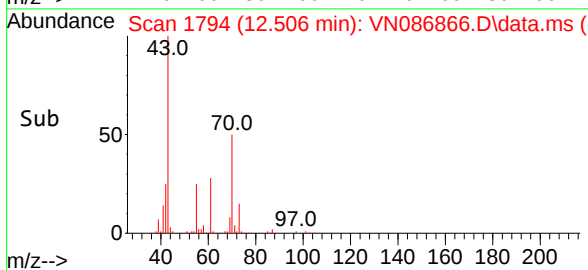
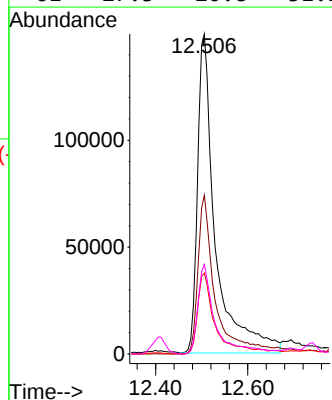
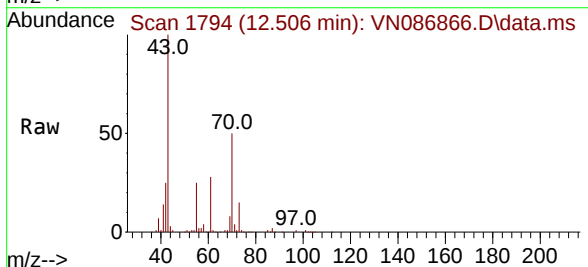
Ion Ratio Lower Upper

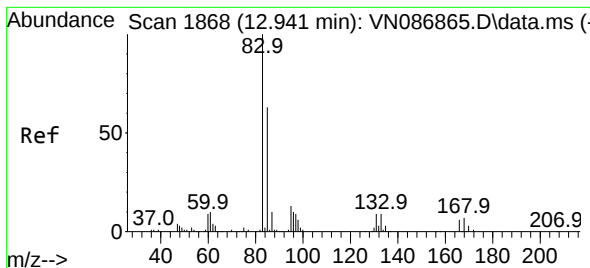
43 100

70 47.7 37.6 56.4

55 25.0 19.0 28.6

61 27.3 20.8 31.2

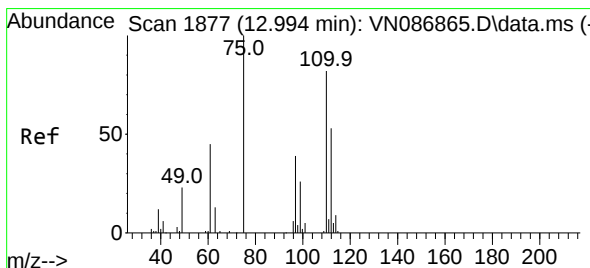
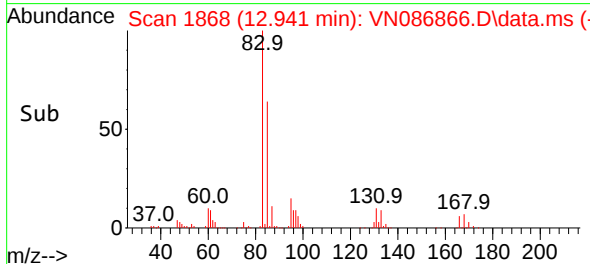
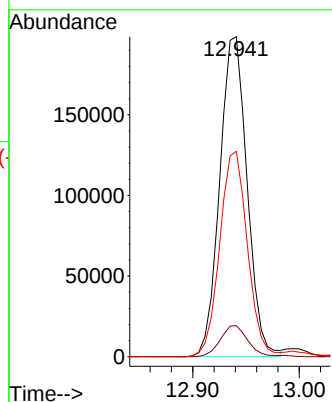
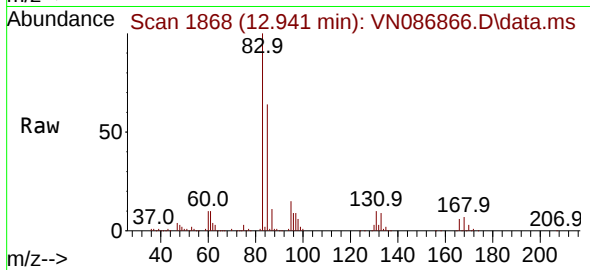




#75
1,1,2,2-Tetrachloroethane
Concen: 97.616 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

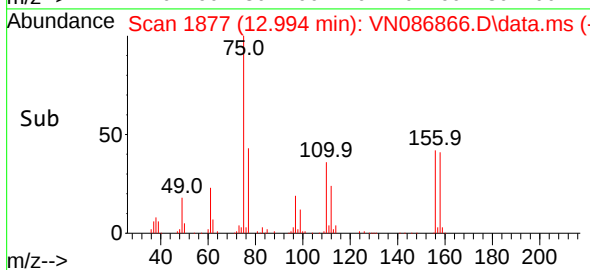
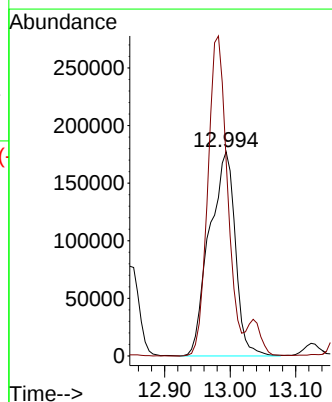
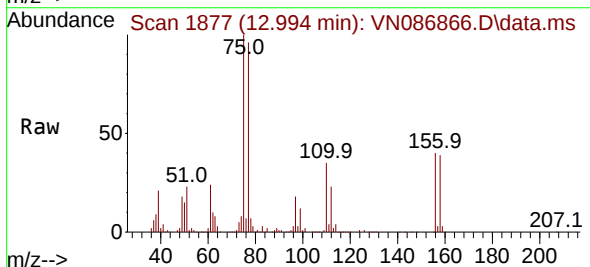
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

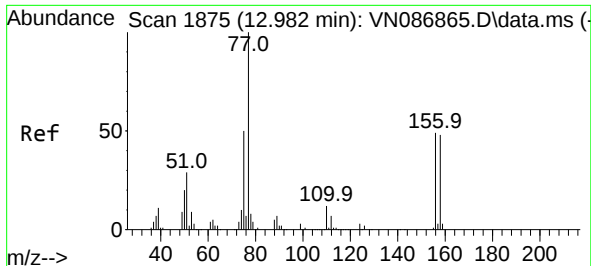
Tgt Ion: 83 Resp: 354386
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 138.300 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 485083
Ion Ratio Lower Upper
75 100
77 118.2 79.3 237.9

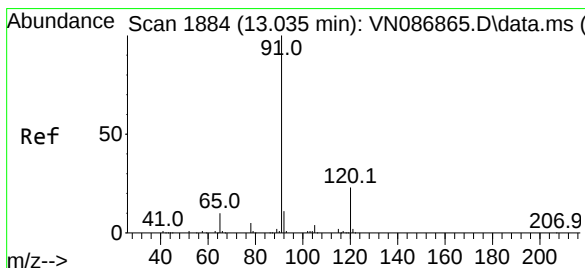
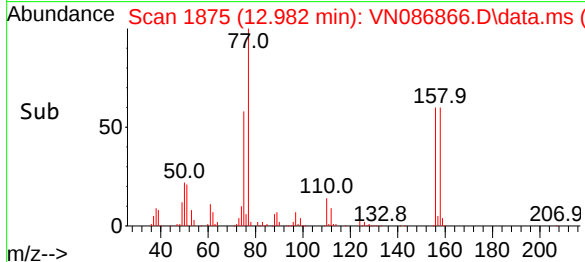
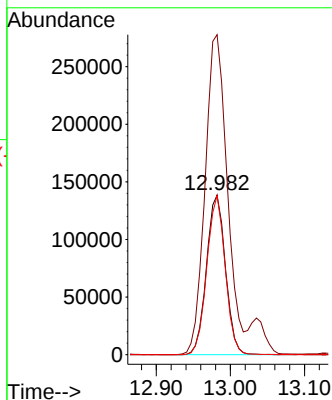
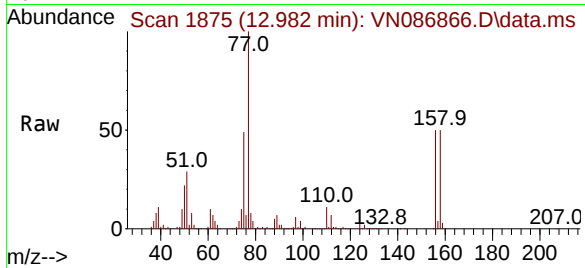




#77
Bromobenzene
Concen: 100.266 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

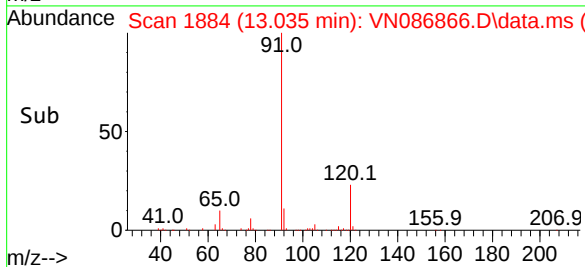
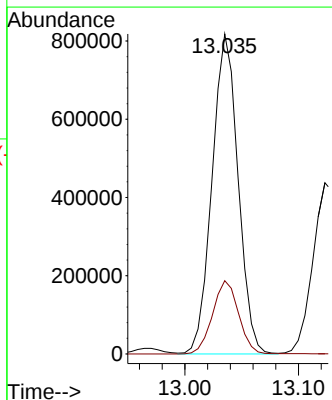
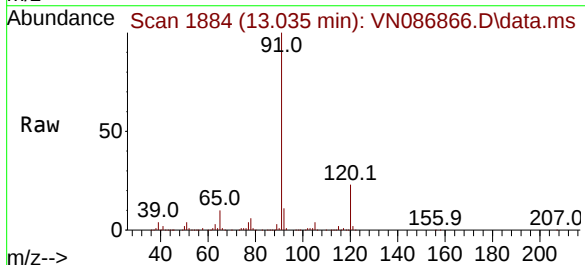
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

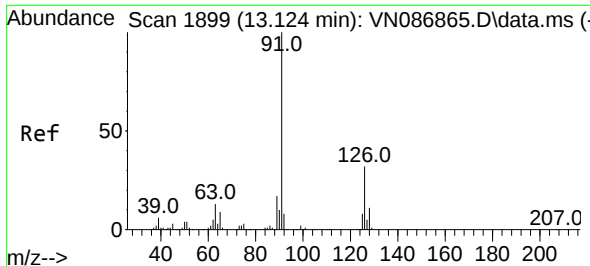
Tgt Ion:156 Resp: 246413
Ion Ratio Lower Upper
156 100
77 232.6 117.7 353.1
158 96.4 48.1 144.4



#78
n-propylbenzene
Concen: 99.948 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 1301631
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.2

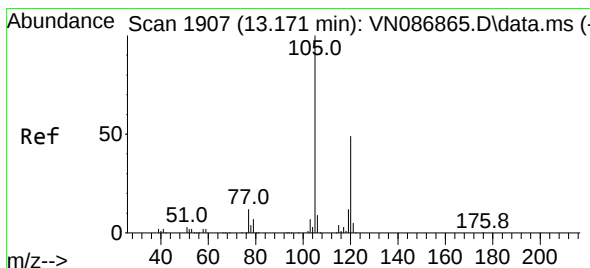
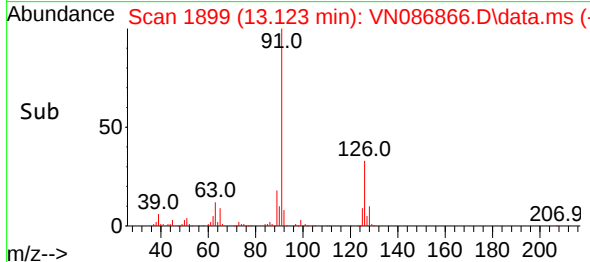
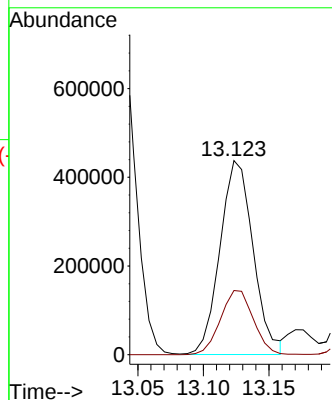
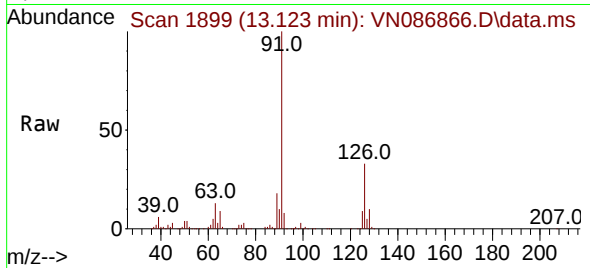




#79
2-Chlorotoluene
Concen: 98.630 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

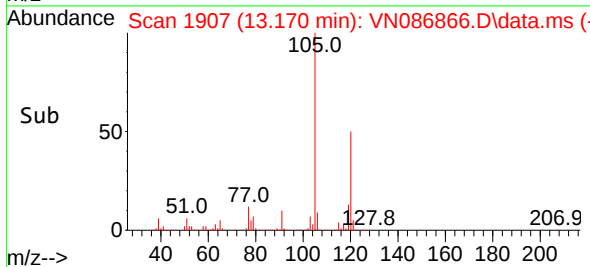
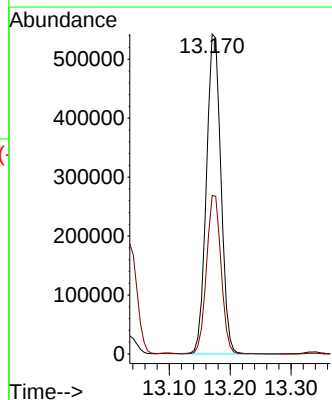
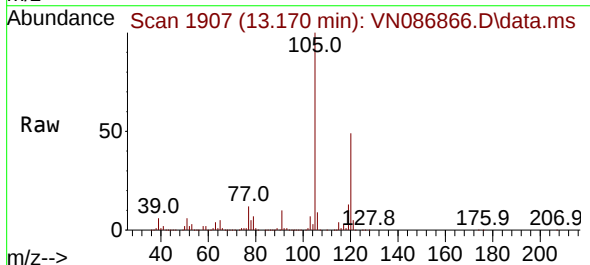
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 770308
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 101.873 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion:105 Resp: 901317
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6

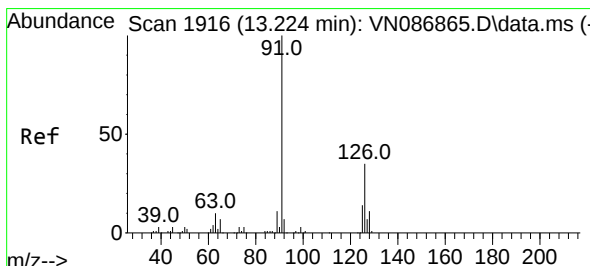
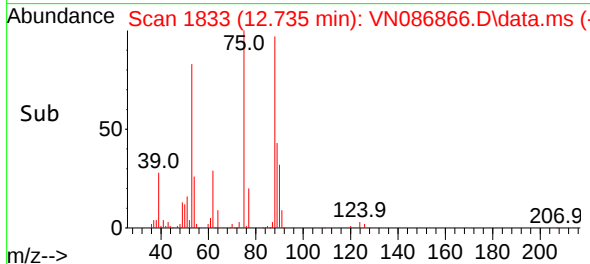
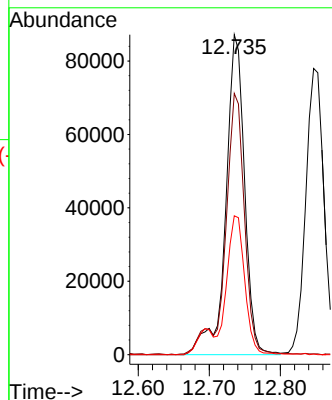
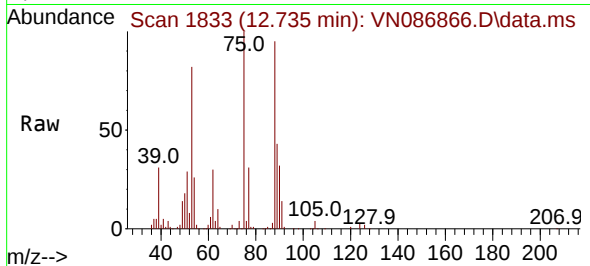




#81
trans-1,4-Dichloro-2-butene
Concen: 105.820 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

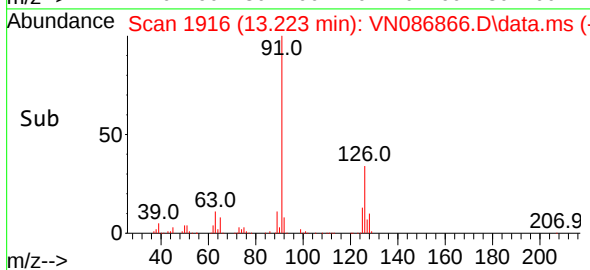
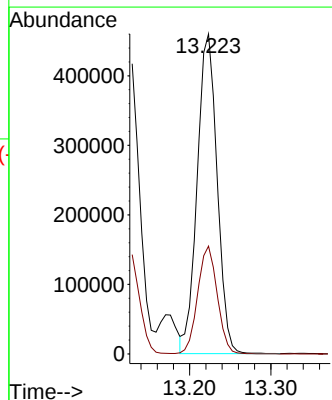
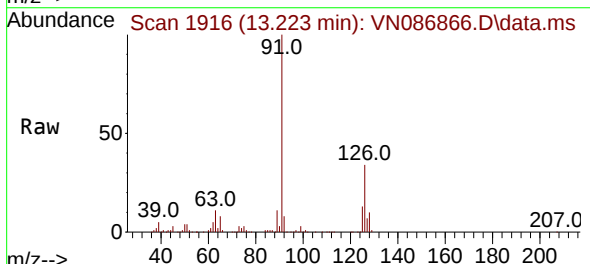
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

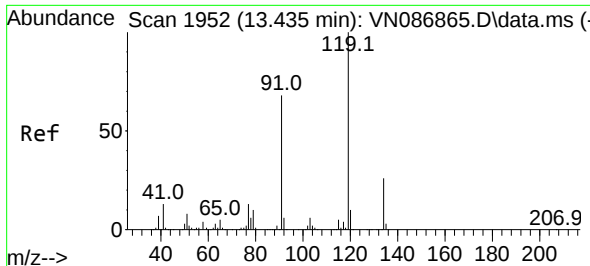
Tgt Ion: 75 Resp: 160736
Ion Ratio Lower Upper
75 100
53 76.0 66.6 99.8
89 41.1 36.7 55.1



#82
4-Chlorotoluene
Concen: 99.166 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 91 Resp: 783657
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.1

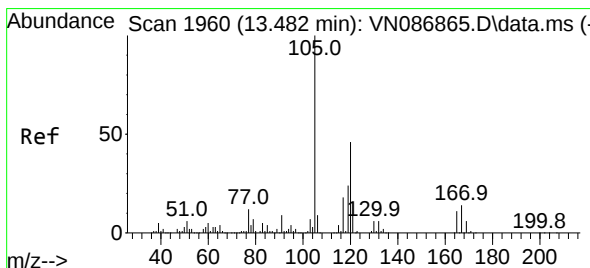
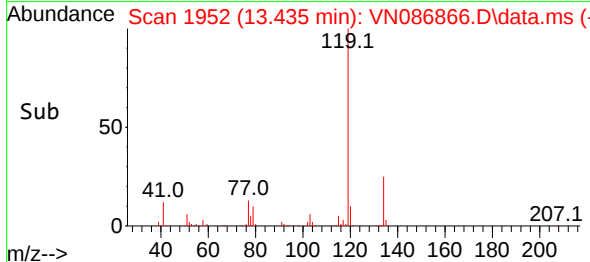
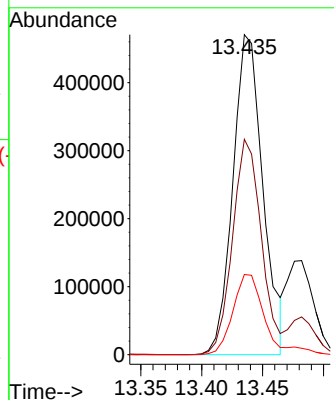
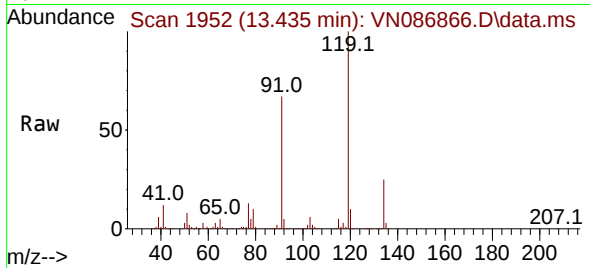




#83
 tert-Butylbenzene
 Concen: 99.710 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

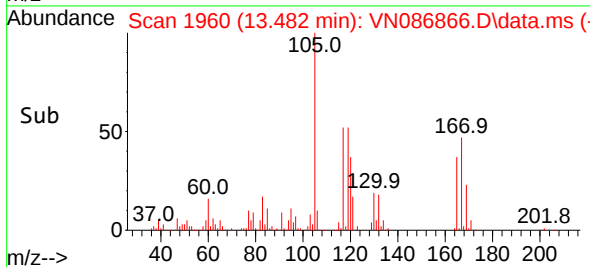
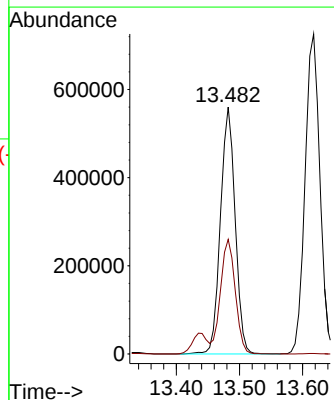
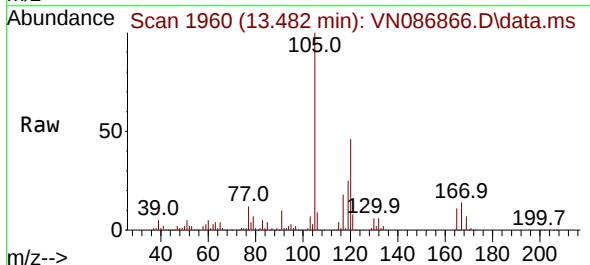
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

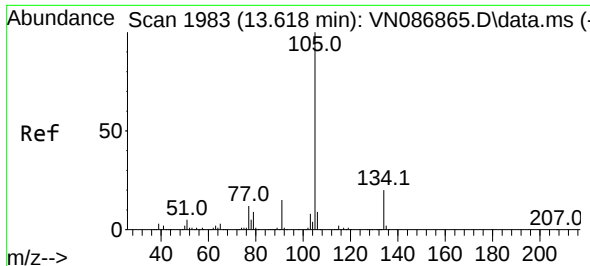
Tgt Ion:119 Resp: 807528
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.1 96.5
 134 26.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 101.983 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

Tgt Ion:105 Resp: 904794
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6

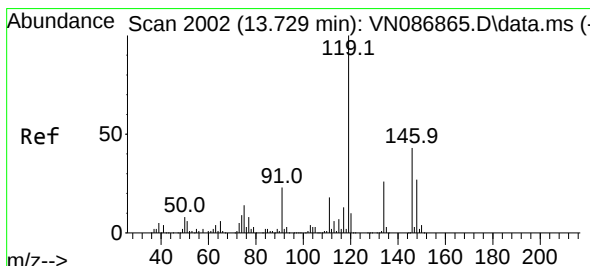
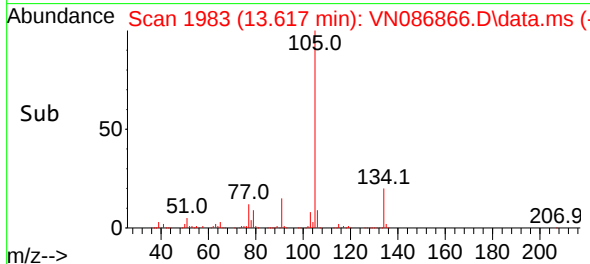
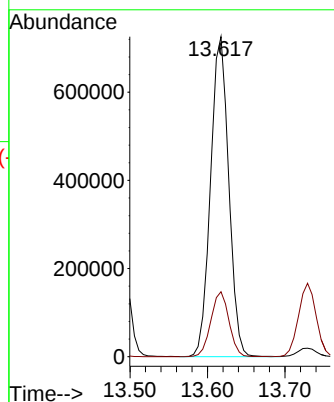
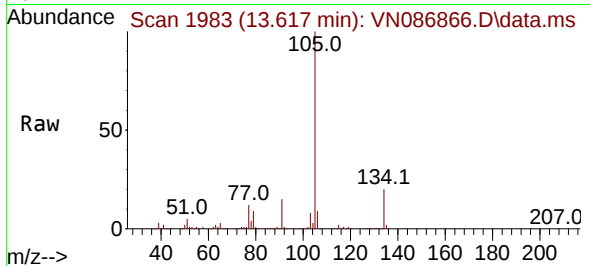




#85
 sec-Butylbenzene
 Concen: 100.513 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

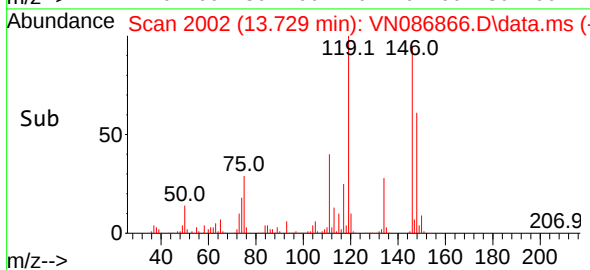
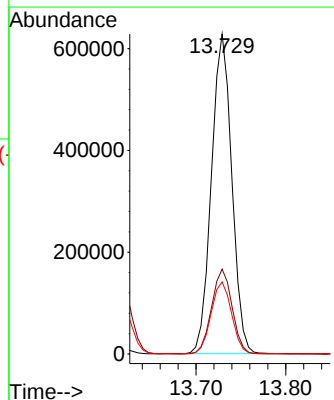
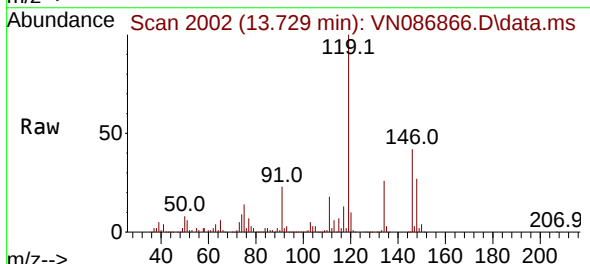
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

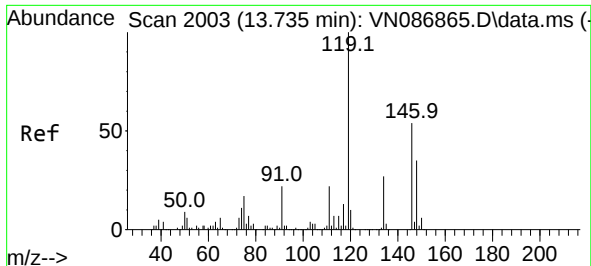
Tgt Ion:105 Resp: 1182155
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 101.857 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

Tgt Ion:119 Resp: 990273
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 22.6 11.5 34.4

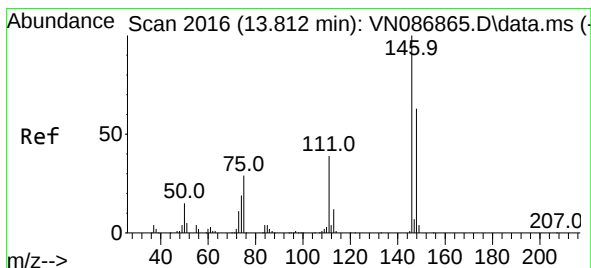
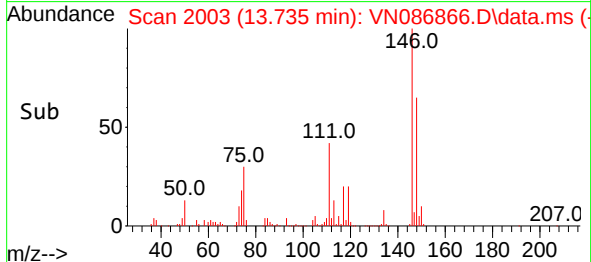
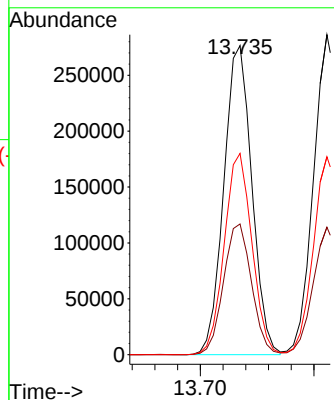
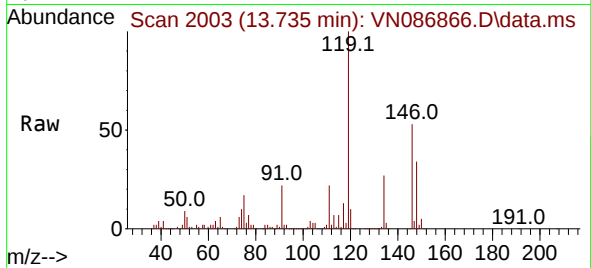




#87
 1,3-Dichlorobenzene
 Concen: 98.063 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

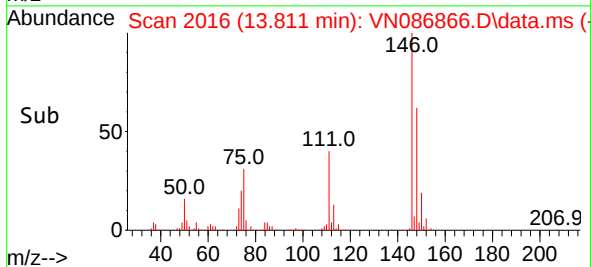
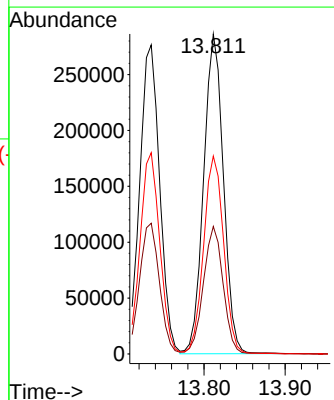
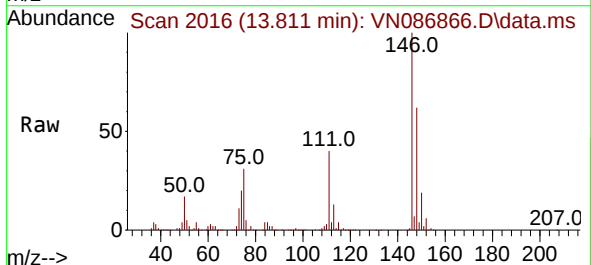
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

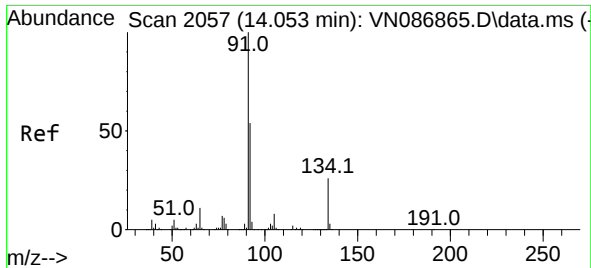
Tgt Ion:146 Resp: 474162
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.9 62.8
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 97.978 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086866.D
 Acq: 06 Jun 2025 14:26

Tgt Ion:146 Resp: 483003
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.7
 148 63.0 31.8 95.4

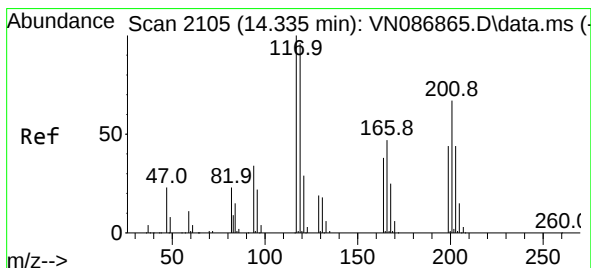
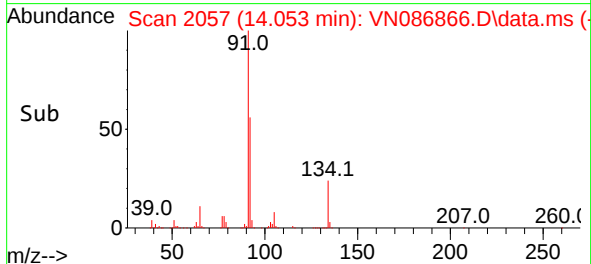
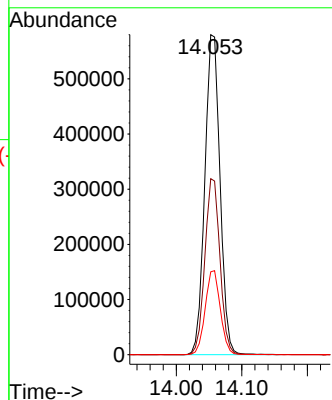
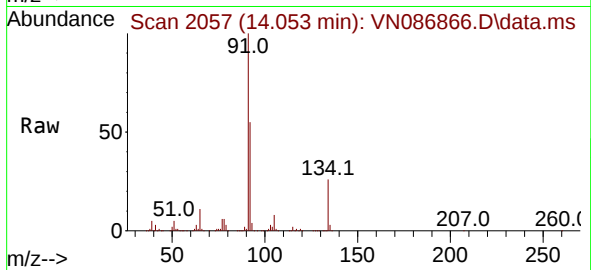




#89
n-Butylbenzene
Concen: 99.598 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

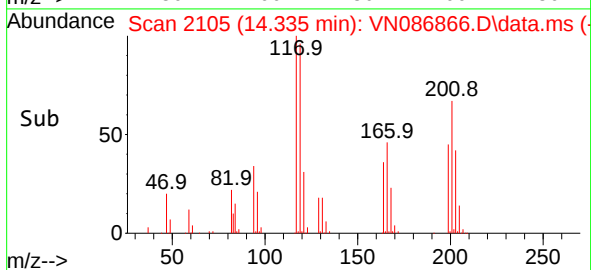
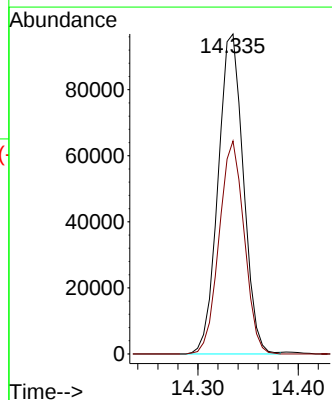
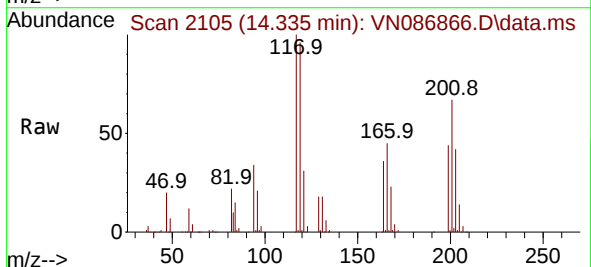
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

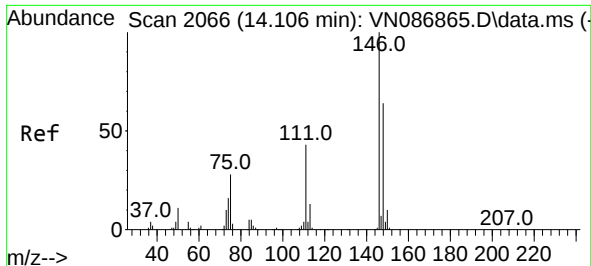
Tgt Ion: 91 Resp: 937913
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.4
134 26.2 13.0 39.0



#90
Hexachloroethane
Concen: 103.019 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 117 Resp: 169772
Ion Ratio Lower Upper
117 100
201 65.8 33.2 99.6

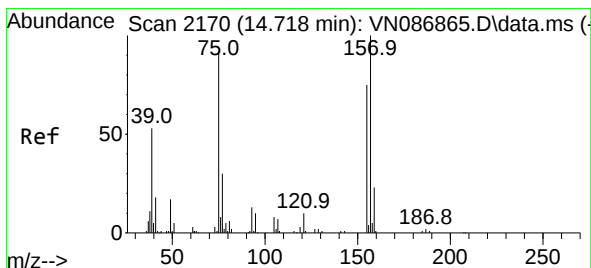
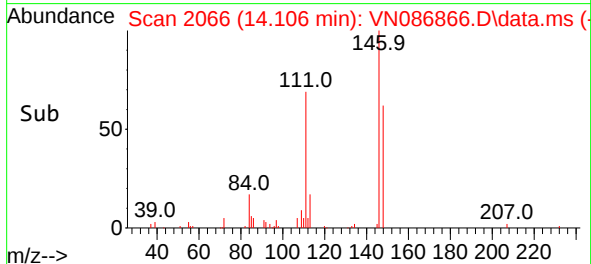
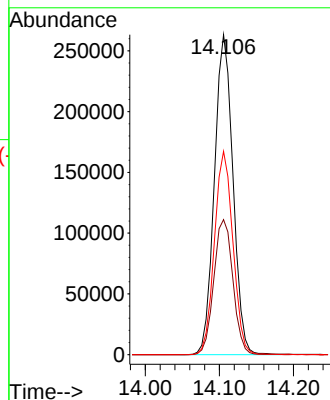
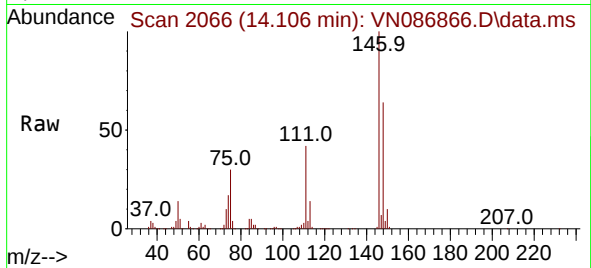




#91
1,2-Dichlorobenzene
Concen: 98.602 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

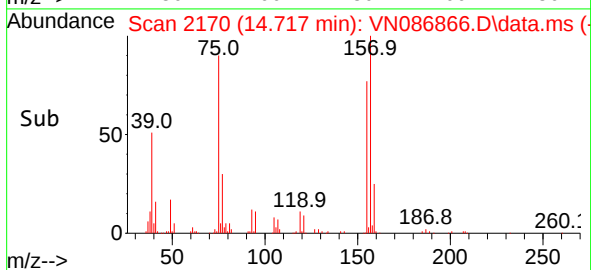
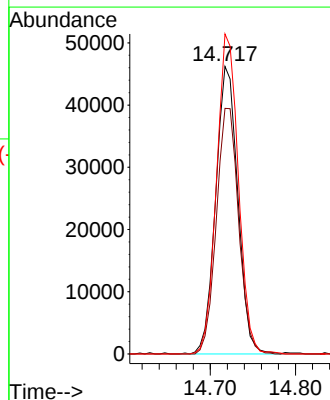
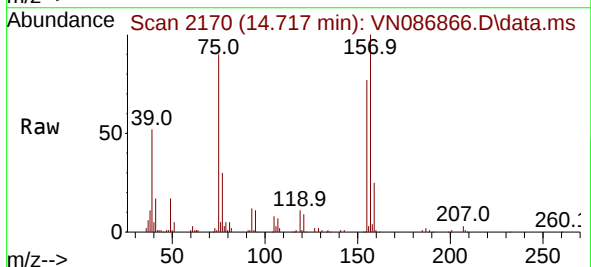
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

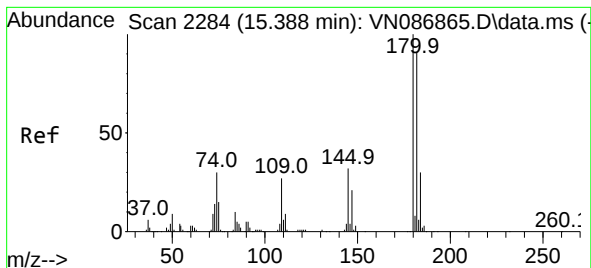
Tgt Ion:146 Resp: 458049
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 95.877 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086866.D
Acq: 06 Jun 2025 14:26

Tgt Ion: 75 Resp: 83243
Ion Ratio Lower Upper
75 100
155 86.1 41.1 123.4
157 109.8 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 100.751 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

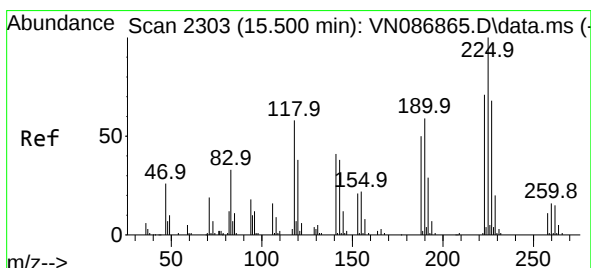
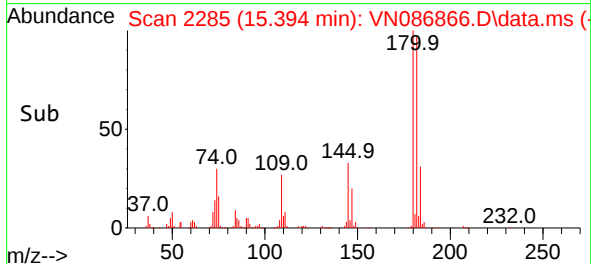
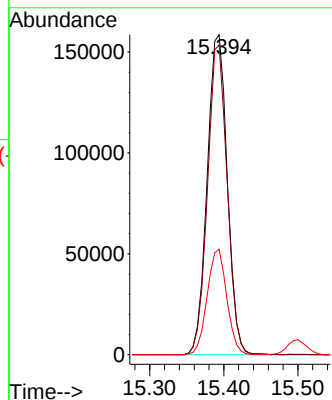
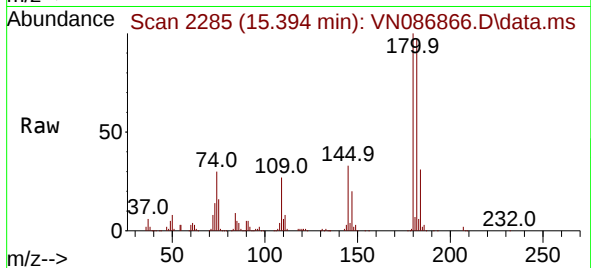
Tgt Ion:180 Resp: 298870

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.7

145 32.2 16.0 47.9



#94

Hexachlorobutadiene

Concen: 101.789 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

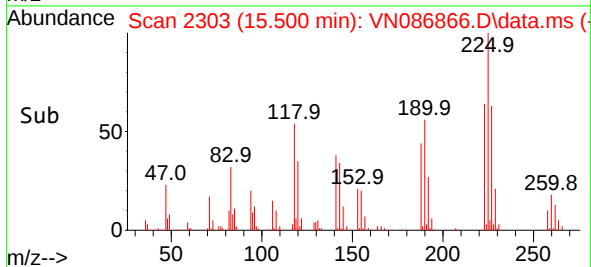
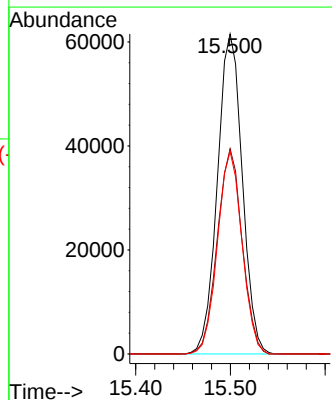
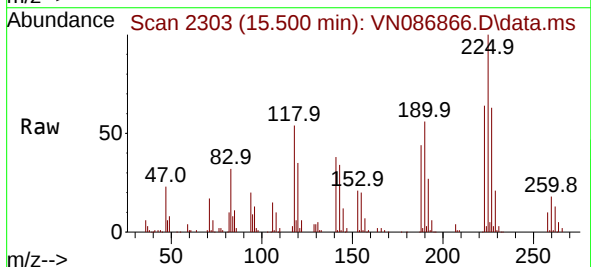
Tgt Ion:225 Resp: 112496

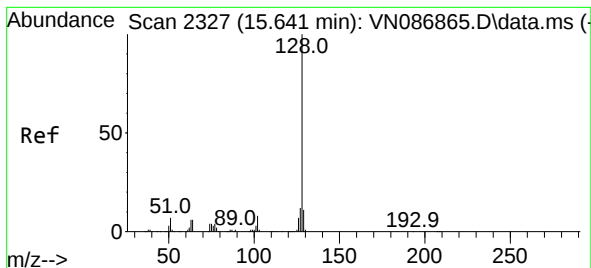
Ion Ratio Lower Upper

225 100

223 64.2 33.5 100.4

227 62.1 31.1 93.5





#95

Naphthalene

Concen: 102.290 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Instrument :

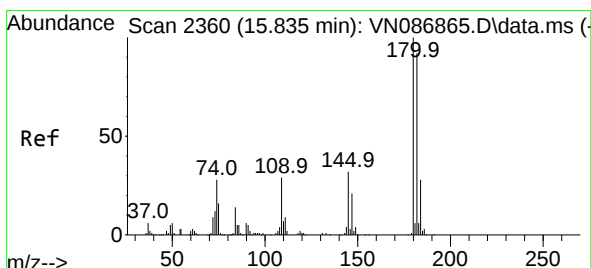
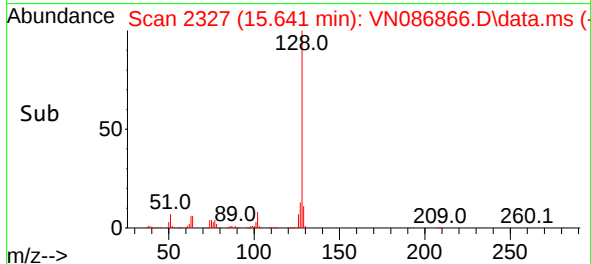
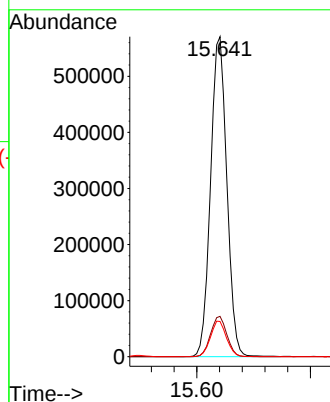
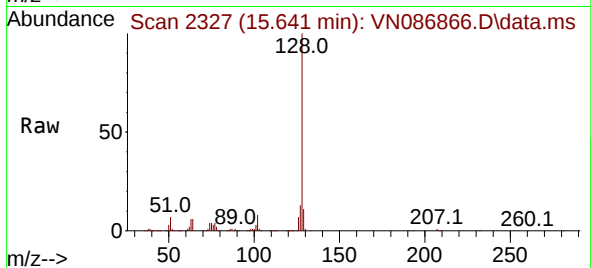
MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:128 Resp: 1129434

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.0	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 99.796 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN086866.D

Acq: 06 Jun 2025 14:26

Tgt Ion:180 Resp: 294127

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	33.5	16.6	49.8

