

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086911.D
 Acq On : 09 Jun 2025 17:17
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 10 03:36:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	236708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	151095	47.675	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.177	113	129680	52.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.180%
50) Toluene-d8	10.565	98	499965	50.734	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.847	95	182658	49.889	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	118146	50.059	ug/l	99
3) Chloromethane	2.395	50	127974	41.991	ug/l	100
4) Vinyl Chloride	2.553	62	151561	48.209	ug/l	100
5) Bromomethane	2.995	94	81229	46.171	ug/l	100
6) Chloroethane	3.153	64	96939	47.736	ug/l	93
7) Trichlorofluoromethane	3.530	101	201360	49.022	ug/l	97
8) Diethyl Ether	3.983	74	91879	51.339	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	123565	47.882	ug/l	99
10) Methyl Iodide	4.612	142	133936	40.037	ug/l	99
11) Tert butyl alcohol	5.536	59	189378	220.221	ug/l	100
12) 1,1-Dichloroethene	4.365	96	130373	49.484	ug/l	97
13) Acrolein	4.200	56	73143	268.707	ug/l	100
14) Allyl chloride	5.047	41	189080	43.274	ug/l	97
15) Acrylonitrile	5.736	53	475432	236.533	ug/l	100
16) Acetone	4.447	43	357830	212.908	ug/l	99
17) Carbon Disulfide	4.742	76	336096	46.119	ug/l	99
18) Methyl Acetate	5.041	43	226758	46.298	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	474699	49.762	ug/l	99
20) Methylene Chloride	5.294	84	148574	47.218	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	139305	47.524	ug/l	95
22) Diisopropyl ether	6.688	45	431629	46.864	ug/l	97
23) Vinyl Acetate	6.618	43	1840663	236.538	ug/l	98
24) 1,1-Dichloroethane	6.583	63	255395	48.185	ug/l	99
25) 2-Butanone	7.494	43	609830	223.226	ug/l	95
26) 2,2-Dichloropropane	7.500	77	188220	45.651	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	173722	49.555	ug/l	96
28) Bromochloromethane	7.824	49	111761	42.885	ug/l	90
29) Tetrahydrofuran	7.847	42	397327	223.263	ug/l	95
30) Chloroform	7.977	83	254626	48.104	ug/l	99
31) Cyclohexane	8.265	56	211876	41.219	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	212823	47.273	ug/l	98
36) 1,1-Dichloropropene	8.382	75	182786	49.276	ug/l	99
37) Ethyl Acetate	7.571	43	216357	45.818	ug/l	97
38) Carbon Tetrachloride	8.371	117	180152	49.468	ug/l	95
39) Methylcyclohexane	9.606	83	216305	42.563	ug/l	95
40) Benzene	8.612	78	593973	48.968	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	120583	45.470	ug/l	93
42) 1,2-Dichloroethane	8.677	62	180979	49.191	ug/l	99
43) Isopropyl Acetate	8.694	43	351721	46.408	ug/l	96
44) Trichloroethene	9.359	130	148206	51.528	ug/l	97
45) 1,2-Dichloropropane	9.624	63	143932	48.774	ug/l	100
46) Dibromomethane	9.712	93	100752	51.401	ug/l	98
47) Bromodichloromethane	9.894	83	199966	49.584	ug/l	98
48) Methyl methacrylate	9.682	41	163795	46.955	ug/l	95
49) 1,4-Dioxane	9.706	88	62666	987.483	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1102726	241.688	ug/l	97
52) Toluene	10.629	92	372743	50.283	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	227518	50.452	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	239800	49.698	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	144074	50.511	ug/l	99
56) Ethyl methacrylate	10.876	69	246945	54.356	ug/l	94
57) 1,3-Dichloropropane	11.165	76	246620	49.842	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	630783	232.785	ug/l	98
59) 2-Hexanone	11.200	43	749210	254.927	ug/l	92
60) Dibromochloromethane	11.359	129	157642	53.046	ug/l	100
61) 1,2-Dibromoethane	11.470	107	151234	51.729	ug/l	98
64) Tetrachloroethene	11.106	164	110856	48.432	ug/l	97
65) Chlorobenzene	11.894	112	406325	50.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	133877	52.211	ug/l	99
67) Ethyl Benzene	11.965	91	678406	49.375	ug/l	99
68) m/p-Xylenes	12.070	106	534450	101.613	ug/l	98
69) o-Xylene	12.400	106	260364	51.686	ug/l	96
70) Styrene	12.412	104	450190	52.227	ug/l	99
71) Bromoform	12.576	173	106042	55.815	ug/l #	100
73) Isopropylbenzene	12.694	105	620099	49.532	ug/l	99
74) N-amyl acetate	12.506	43	252846	57.797	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	222152	52.379	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	298072	72.970	ug/l	70
77) Bromobenzene	12.976	156	156843	54.629	ug/l	96
78) n-propylbenzene	13.035	91	734563	48.282	ug/l	99
79) 2-Chlorotoluene	13.123	91	453845	49.742	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	511955	49.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	95072	53.576	ug/l	91
82) 4-Chlorotoluene	13.217	91	461943	50.037	ug/l	98
83) tert-Butylbenzene	13.435	119	443059	46.828	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	520317	50.201	ug/l	99
85) sec-Butylbenzene	13.612	105	640017	46.581	ug/l	99
86) p-Isopropyltoluene	13.729	119	539030	47.459	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	288285	51.035	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	295752	51.354	ug/l	99
89) n-Butylbenzene	14.053	91	483251	43.927	ug/l	99
90) Hexachloroethane	14.329	117	93467	48.549	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	281872	51.939	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	49570	48.871	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	158810	45.826	ug/l	99
94) Hexachlorobutadiene	15.500	225	51579	39.949	ug/l	100
95) Naphthalene	15.635	128	691305	53.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	152993	44.434	ug/l	99

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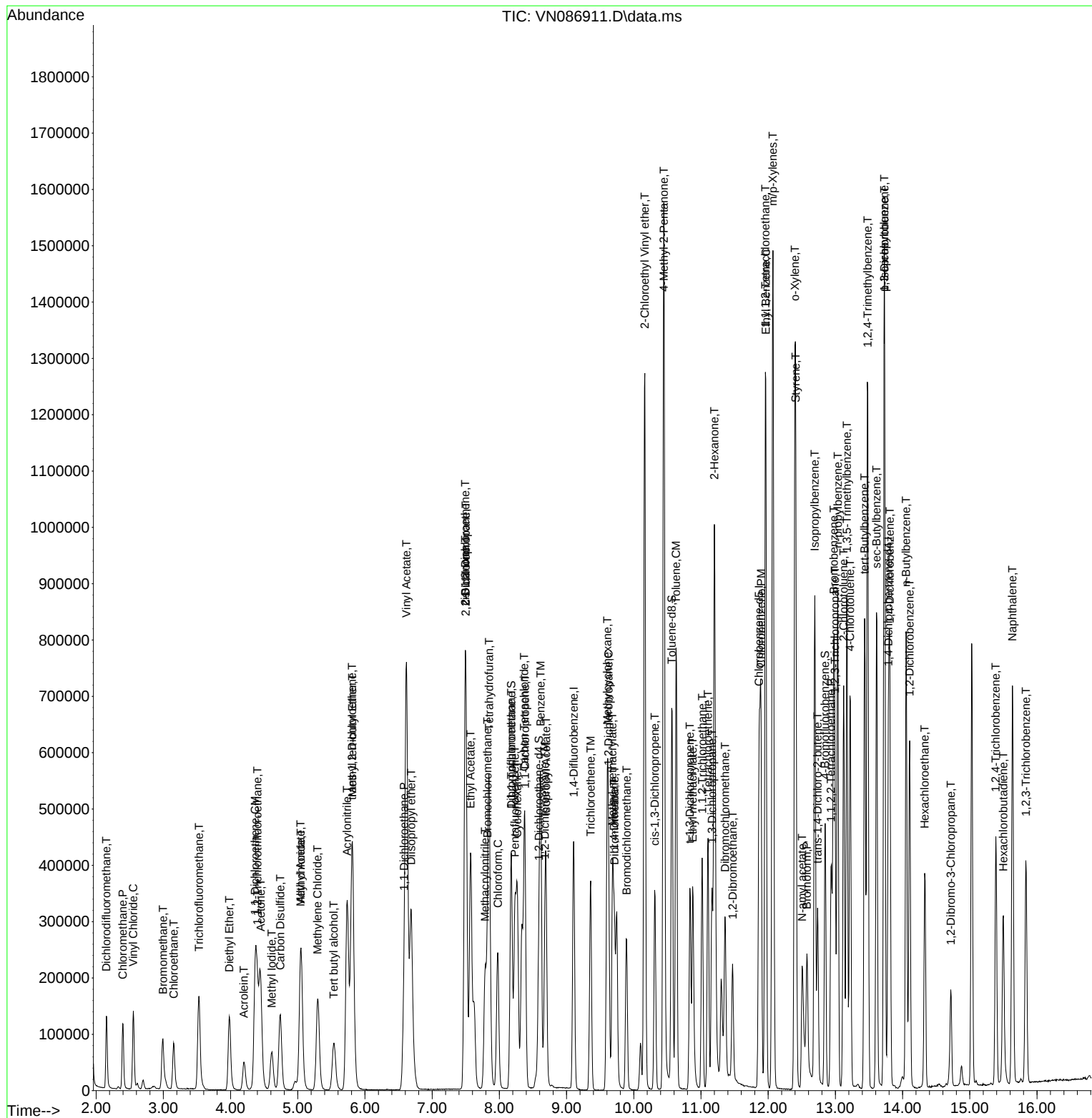
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MSVOA_N
ClientSampleId :
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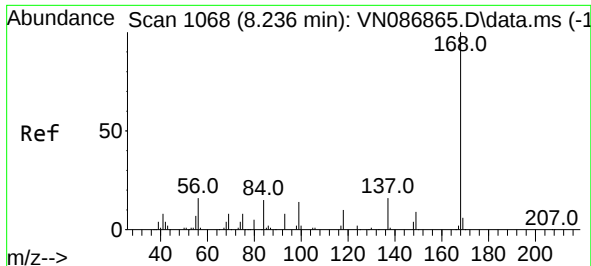
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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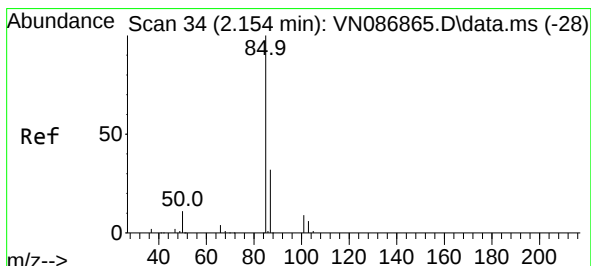
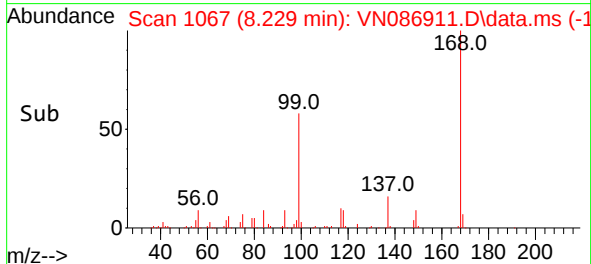
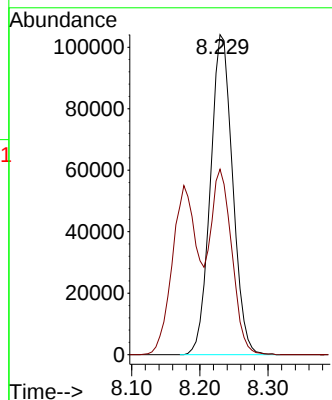
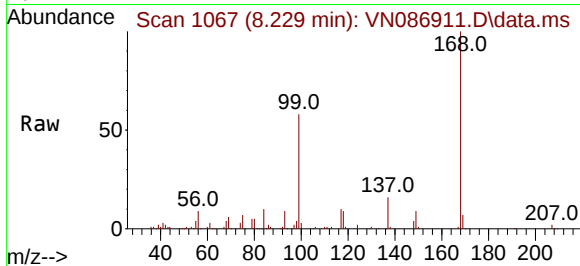




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
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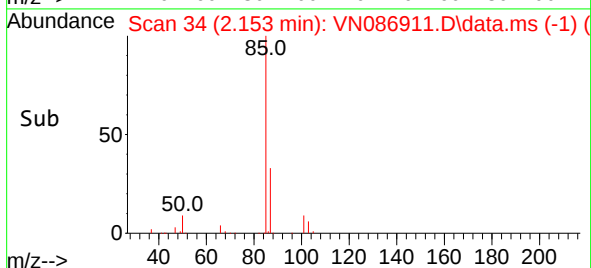
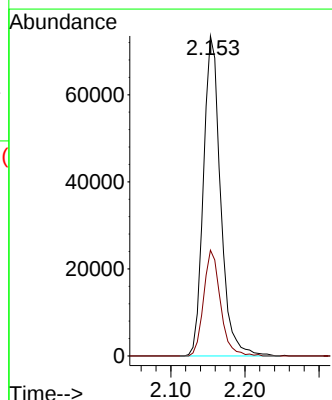
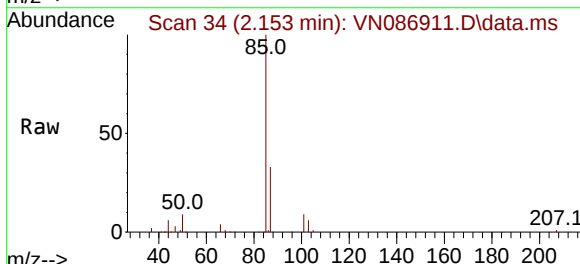
Instrument :
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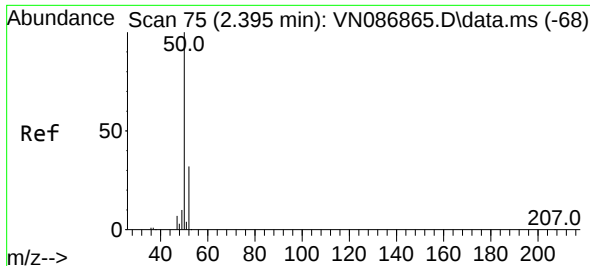
Tgt Ion:168 Resp: 236708
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 50.059 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 85 Resp: 118146
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6

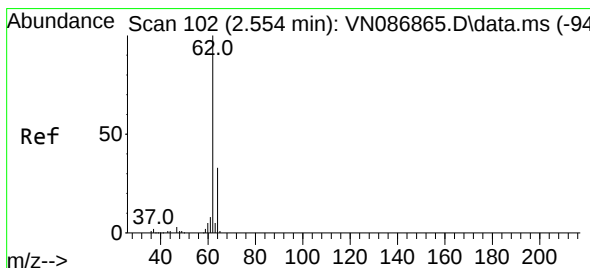
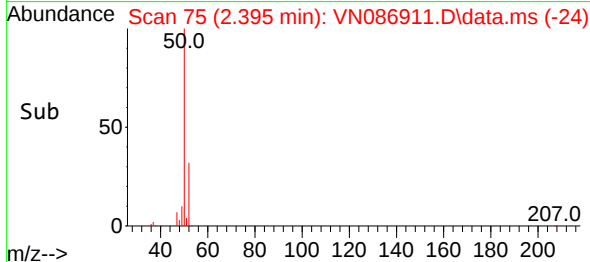
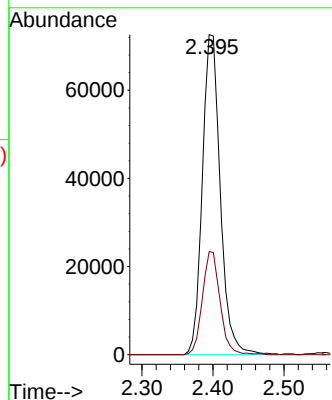
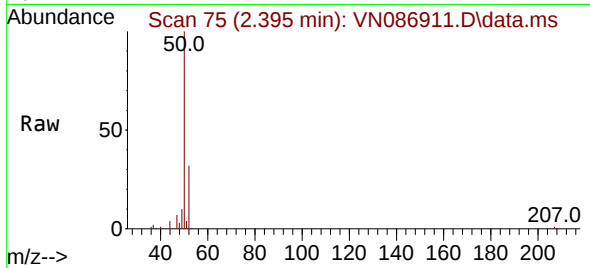




#3
Chloromethane
Concen: 41.991 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

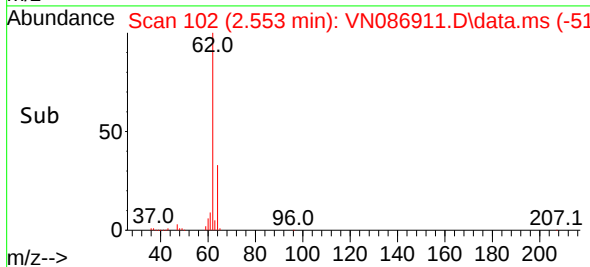
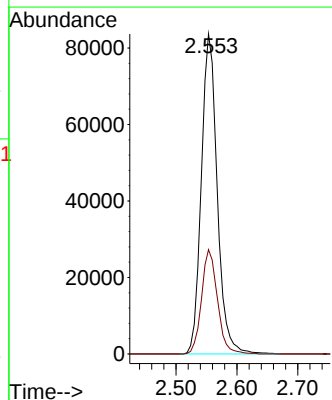
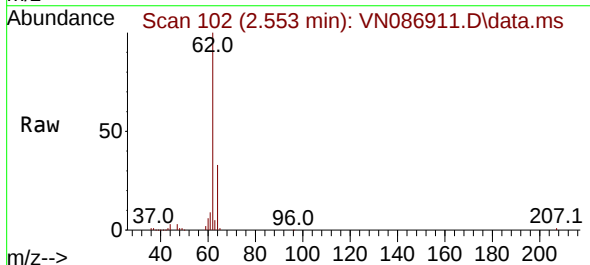
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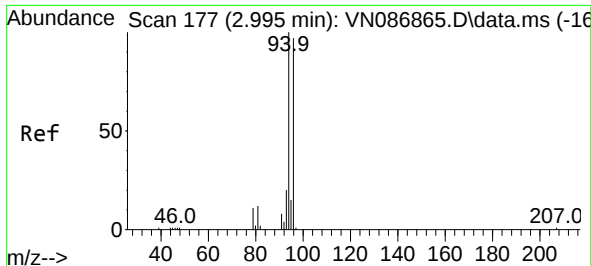
Tgt Ion: 50 Resp: 127974
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5



#4
Vinyl Chloride
Concen: 48.209 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 62 Resp: 151561
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

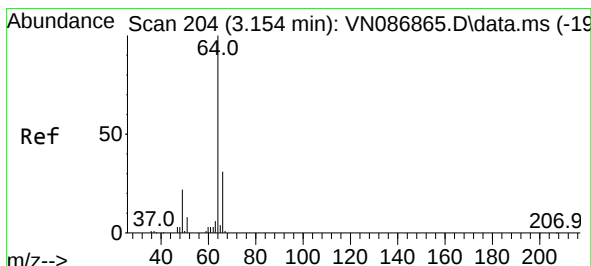
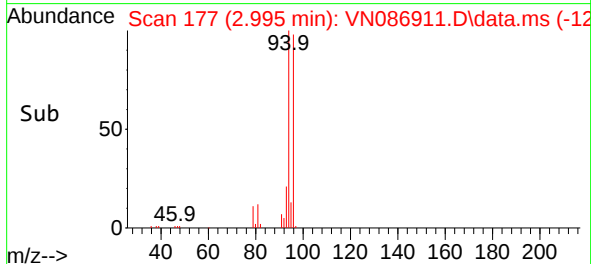
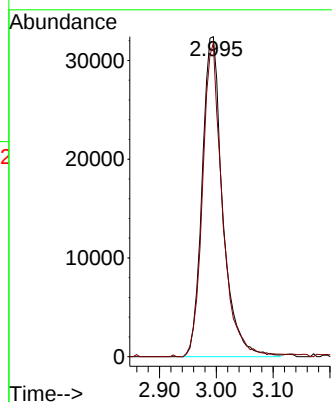
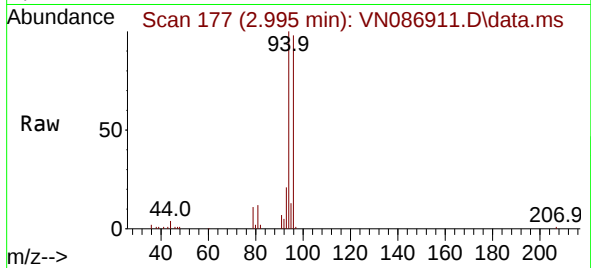




#5
Bromomethane
Concen: 46.171 ug/l
RT: 2.995 min Scan# 177
Delta R.T. -0.000 min
Lab File: VN086911.D
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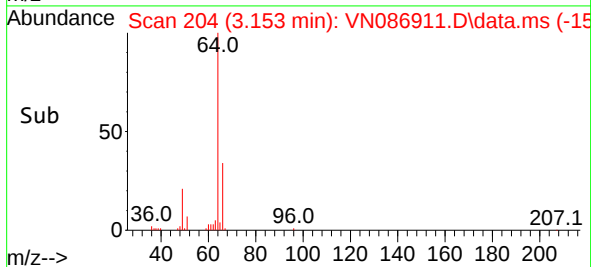
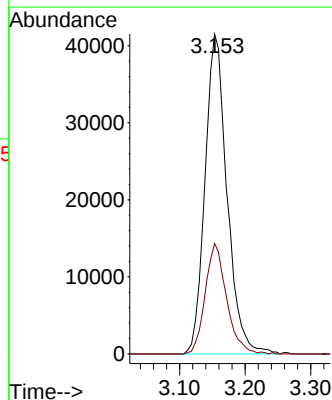
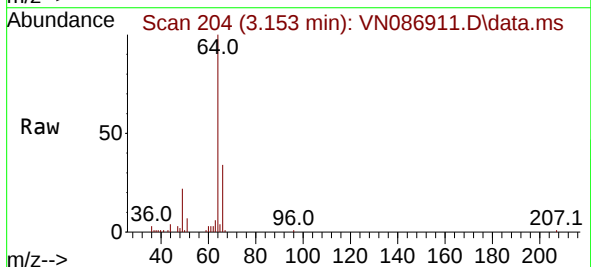
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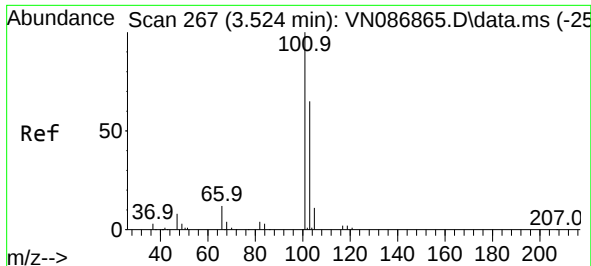
Tgt Ion: 94 Resp: 81229
Ion Ratio Lower Upper
94 100
96 97.9 77.9 116.9



#6
Chloroethane
Concen: 47.736 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086911.D
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Tgt Ion: 64 Resp: 96939
Ion Ratio Lower Upper
64 100
66 34.5 24.6 36.8

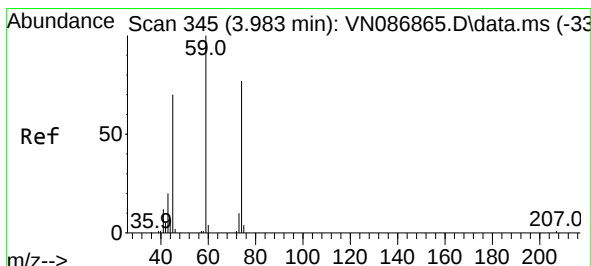
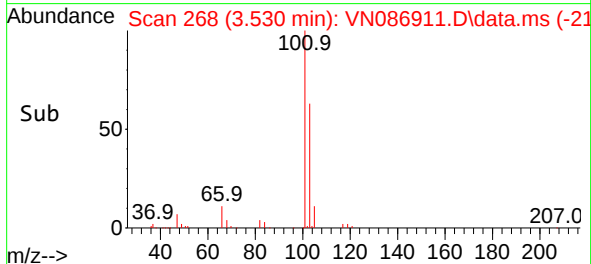
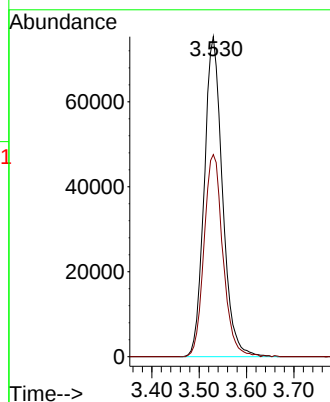
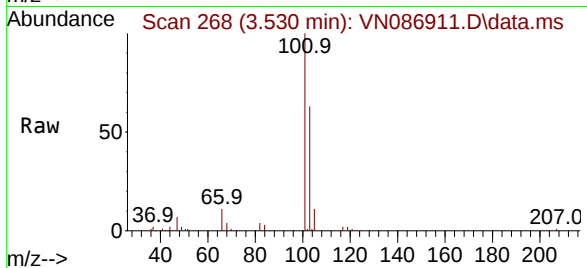




#7
Trichlorofluoromethane
Concen: 49.022 ug/l
RT: 3.530 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

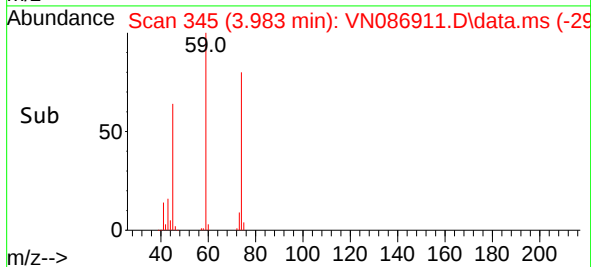
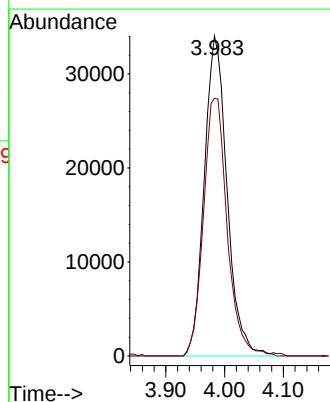
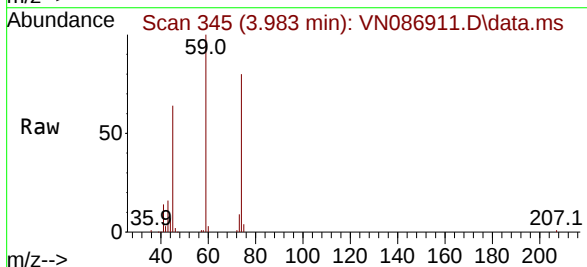
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 201360
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.2



#8
Diethyl Ether
Concen: 51.339 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 74 Resp: 91879
Ion Ratio Lower Upper
74 100
45 83.6 45.5 136.5

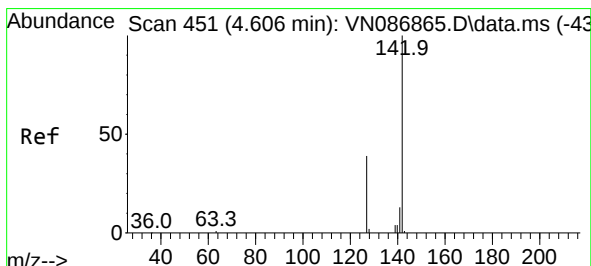
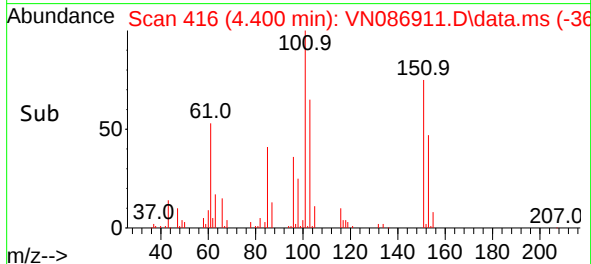
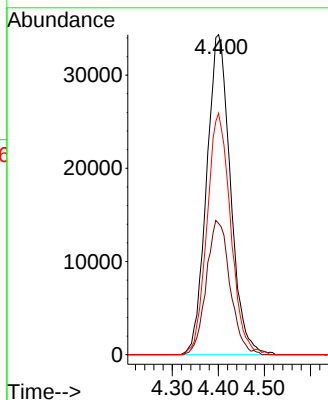
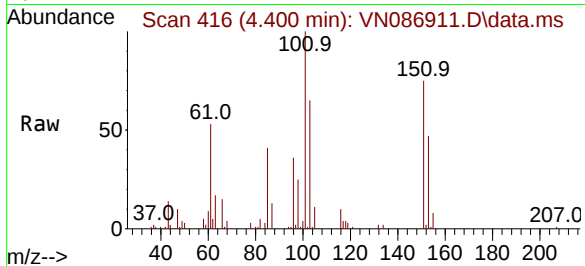




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.882 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

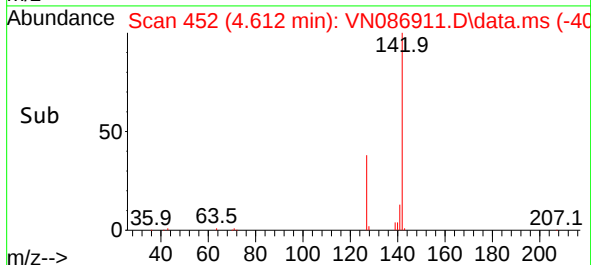
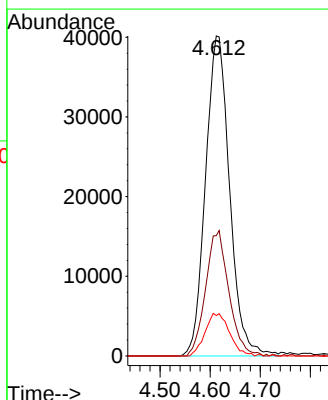
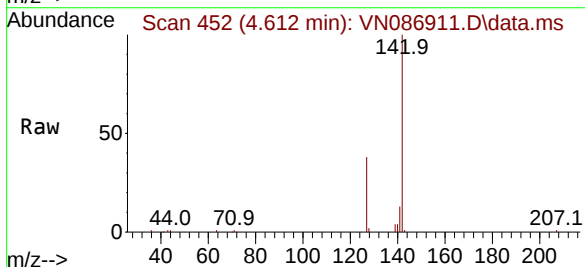
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 123565
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.8
151 74.9 58.7 88.1



#10
Methyl Iodide
Concen: 40.037 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:142 Resp: 133936
Ion Ratio Lower Upper
142 100
127 37.6 30.9 46.3
141 12.7 10.4 15.6

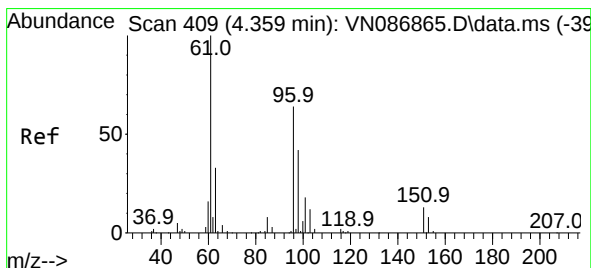
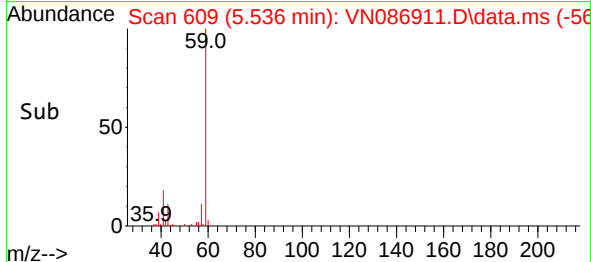
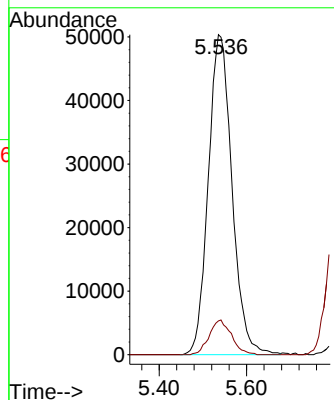
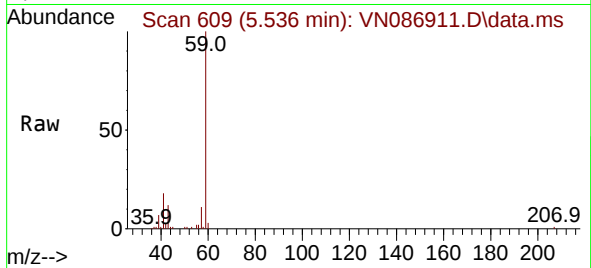




#11
Tert butyl alcohol
Concen: 220.221 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

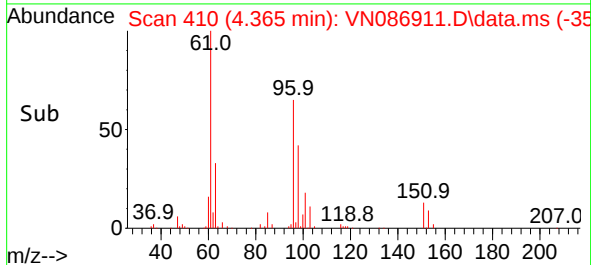
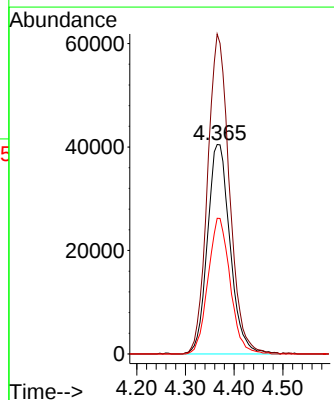
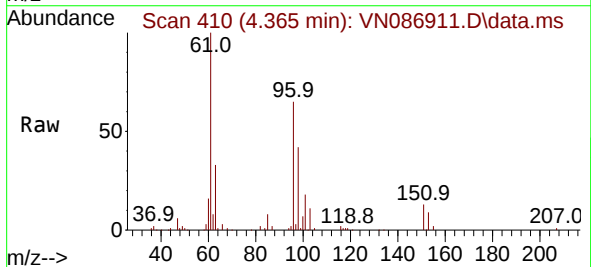
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

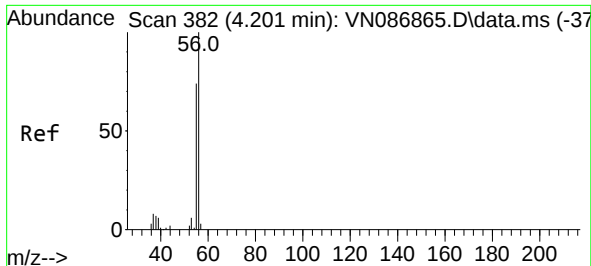
Tgt Ion: 59 Resp: 189378
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.484 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 96 Resp: 130373
Ion Ratio Lower Upper
96 100
61 152.7 125.8 188.6
98 64.8 52.5 78.7

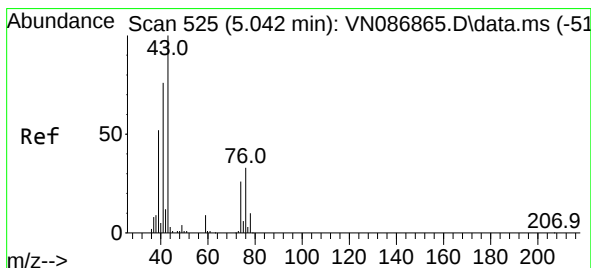
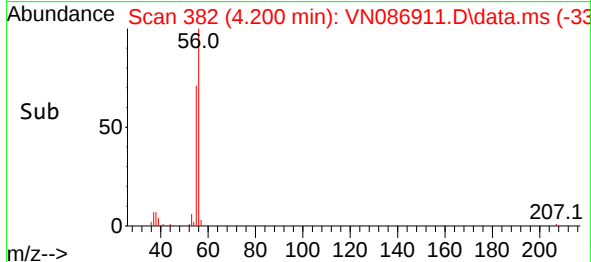
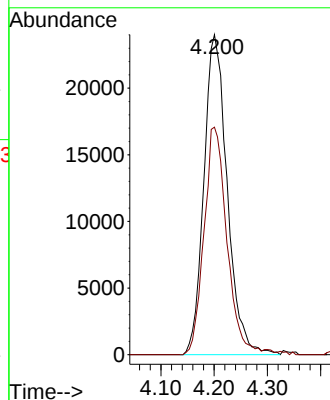
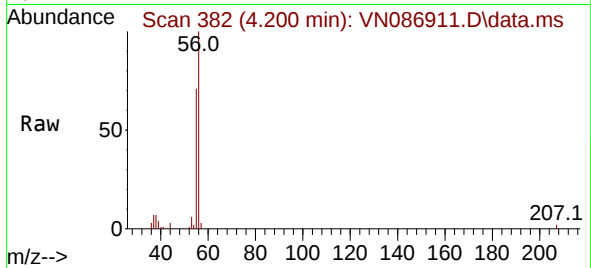




#13
Acrolein
Concen: 268.707 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

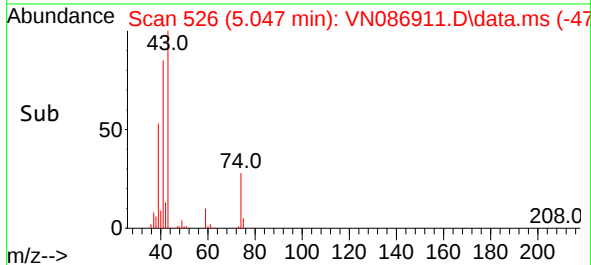
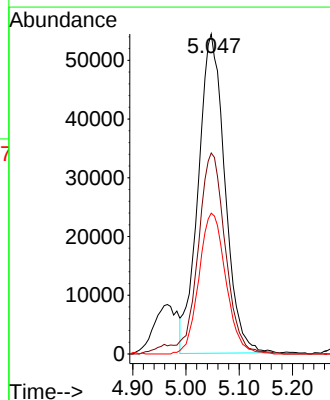
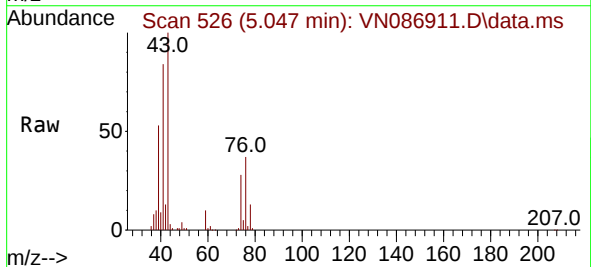
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

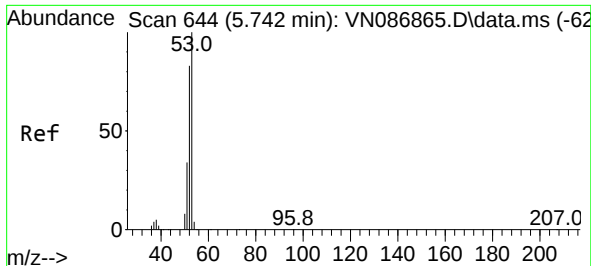
Tgt Ion: 56 Resp: 73143
Ion Ratio Lower Upper
56 100
55 69.5 55.6 83.4



#14
Allyl chloride
Concen: 43.274 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 41 Resp: 189080
Ion Ratio Lower Upper
41 100
39 63.9 51.3 76.9
76 44.5 31.4 47.0

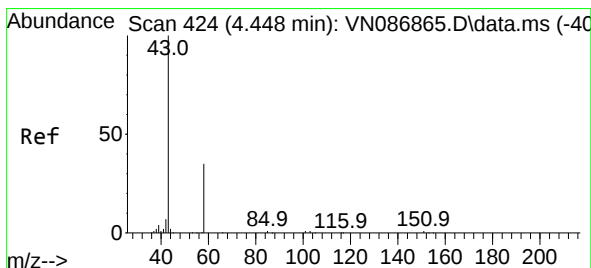
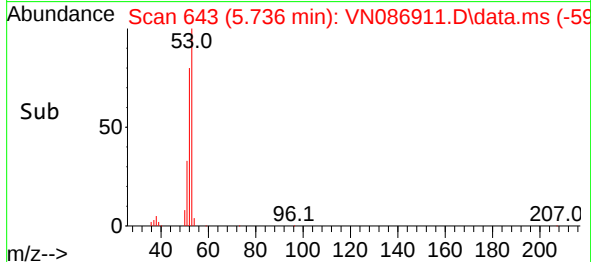
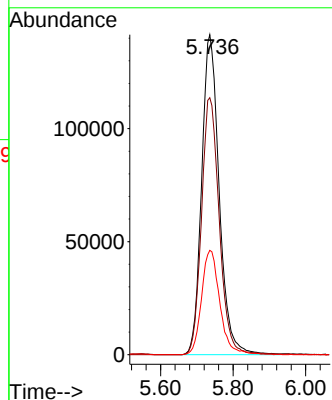
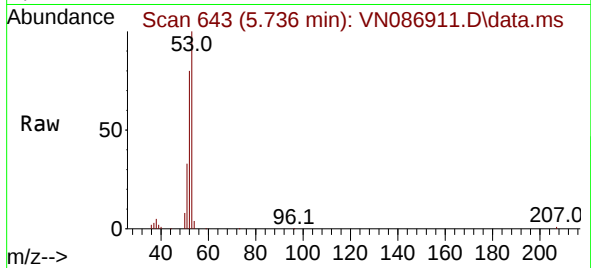




#15
Acrylonitrile
Concen: 236.533 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

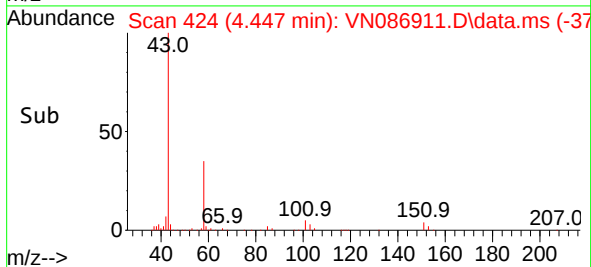
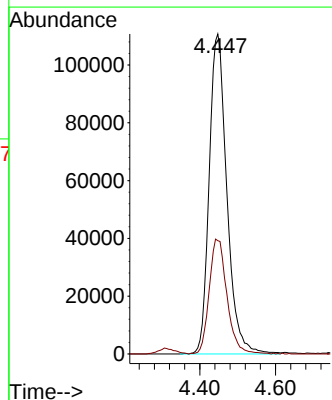
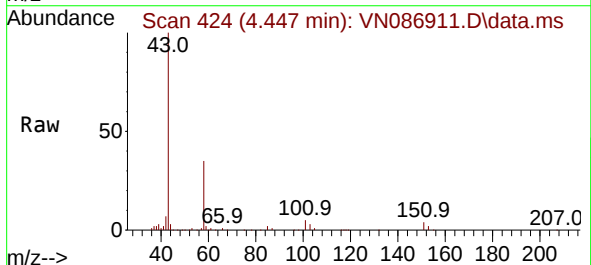
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 475432
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 34.0 27.2 40.8



#16
Acetone
Concen: 212.908 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 43 Resp: 357830
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0

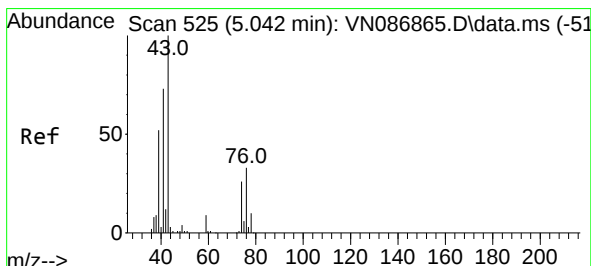
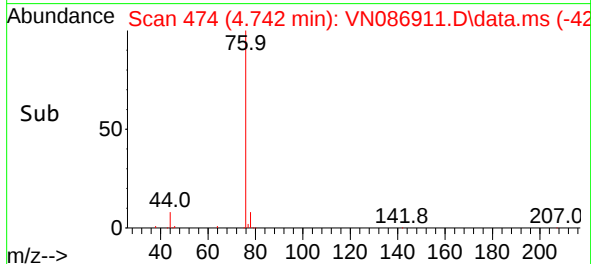
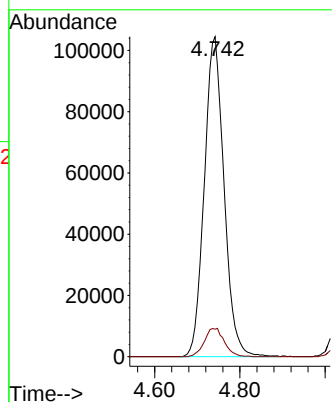
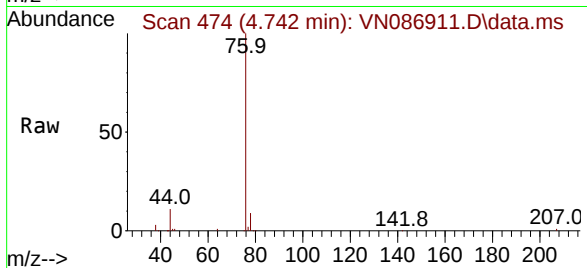




#17
Carbon Disulfide
Concen: 46.119 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

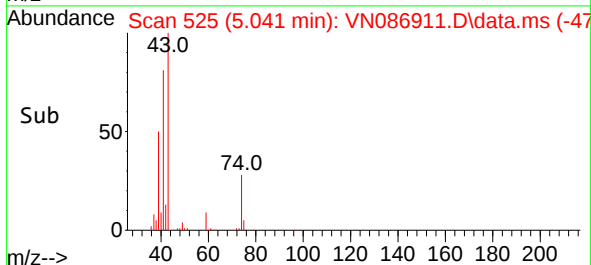
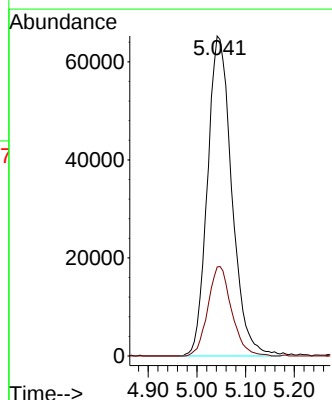
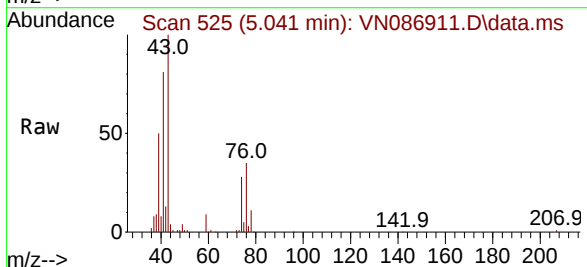
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

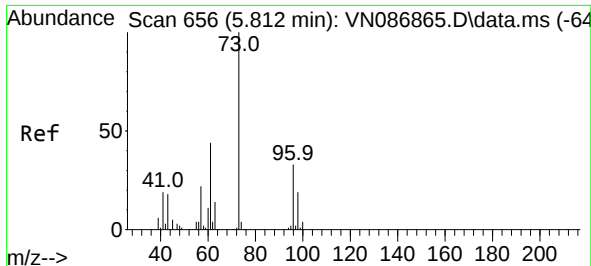
Tgt Ion: 76 Resp: 336096
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 46.298 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 43 Resp: 226758
Ion Ratio Lower Upper
43 100
74 27.2 20.7 31.1

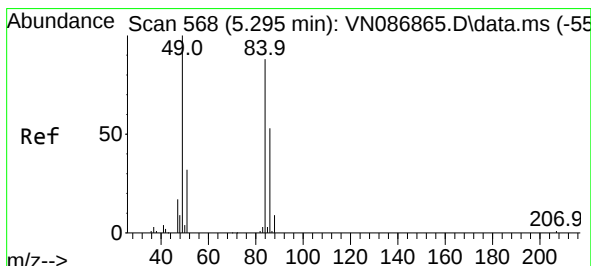
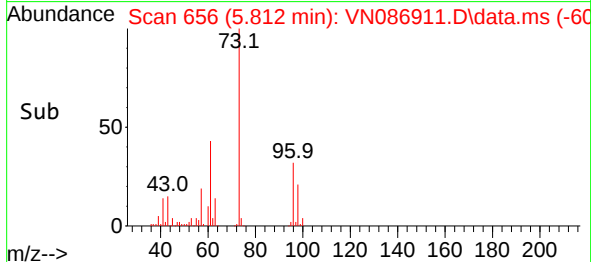
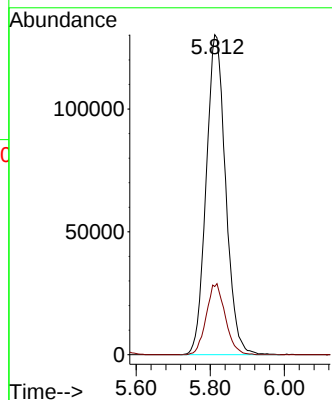
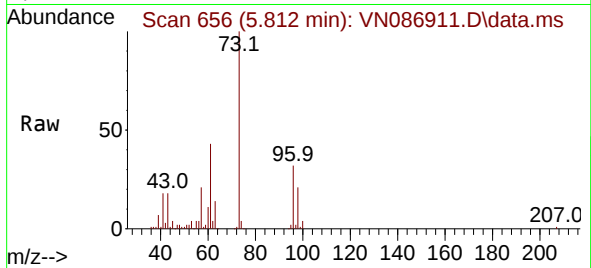




#19
Methyl tert-butyl Ether
Concen: 49.762 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

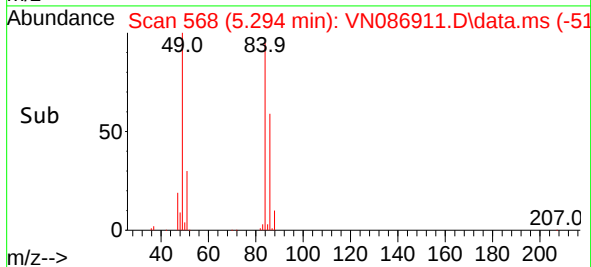
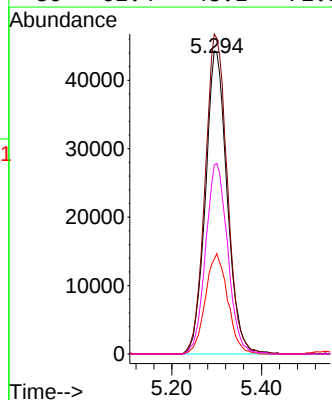
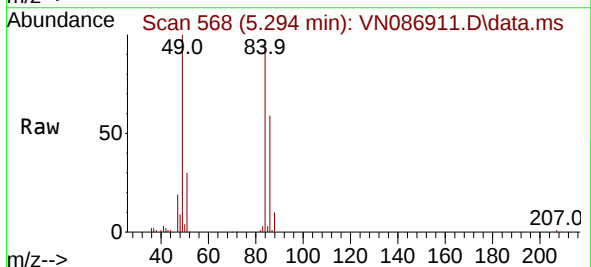
Instrument :
MSVOA_N
ClientSampleId :
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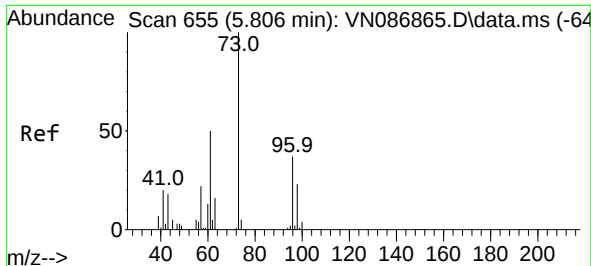
Tgt Ion: 73 Resp: 474699
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2



#20
Methylene Chloride
Concen: 47.218 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 84 Resp: 148574
Ion Ratio Lower Upper
84 100
49 105.5 90.5 135.7
51 31.3 28.5 42.7
86 62.4 48.1 72.1

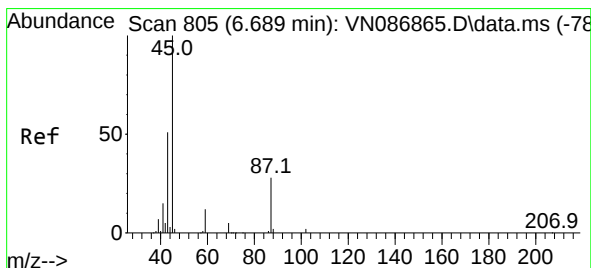
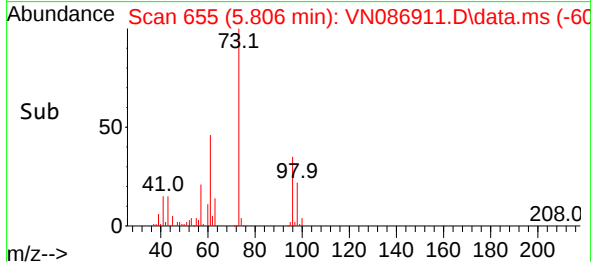
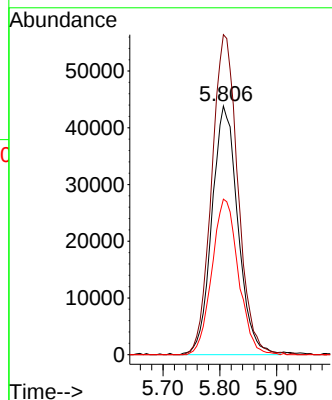
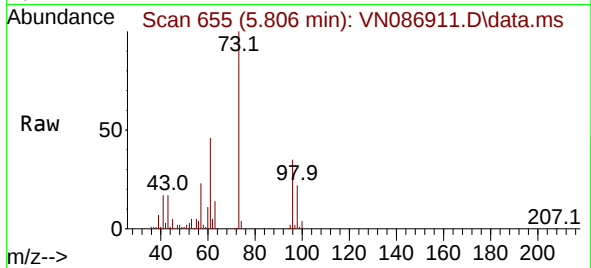




#21
trans-1,2-Dichloroethene
Concen: 47.524 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

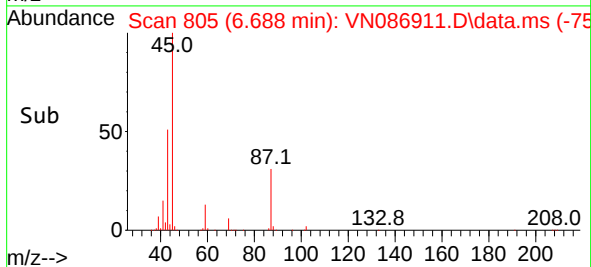
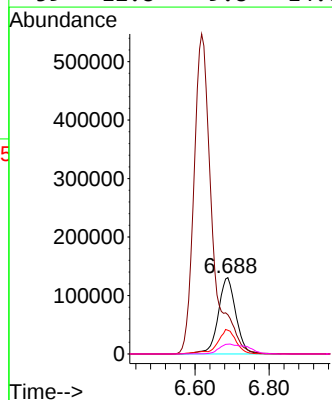
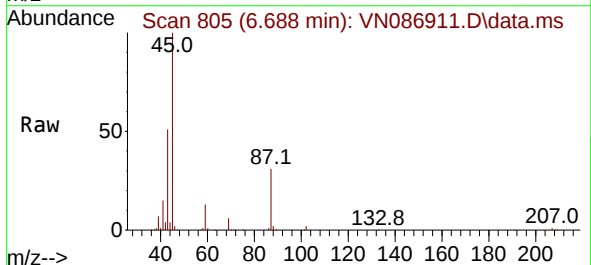
Instrument :
MSVOA_N
ClientSampleId :
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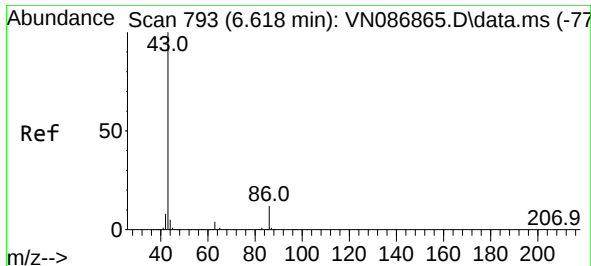
Tgt Ion: 96 Resp: 139305
Ion Ratio Lower Upper
96 100
61 128.7 109.2 163.8
98 62.5 49.8 74.8



#22
Diisopropyl ether
Concen: 46.864 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 45 Resp: 431629
Ion Ratio Lower Upper
45 100
43 50.9 41.9 62.9
87 31.0 22.4 33.6
59 12.8 9.8 14.6

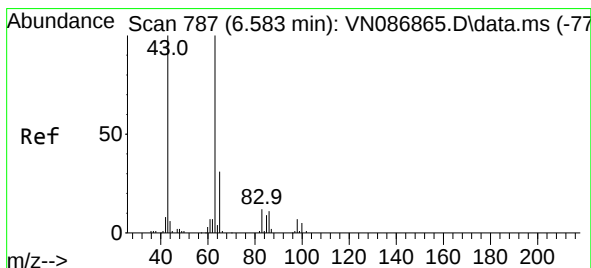
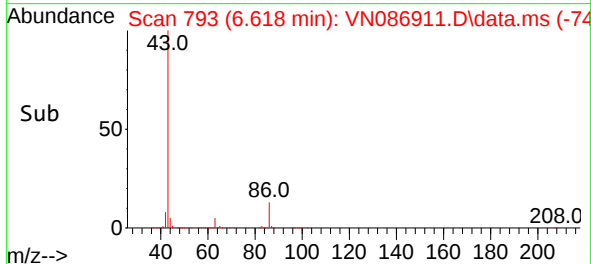
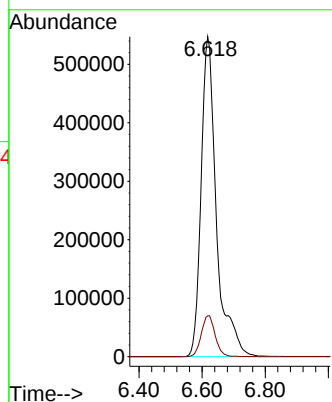
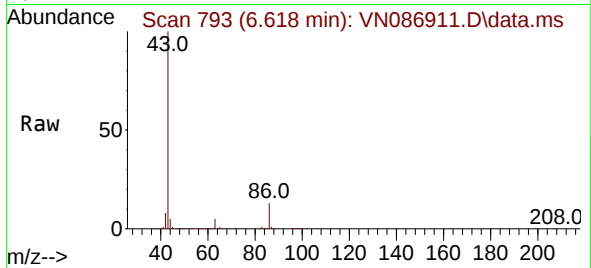




#23
 Vinyl Acetate
 Concen: 236.538 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

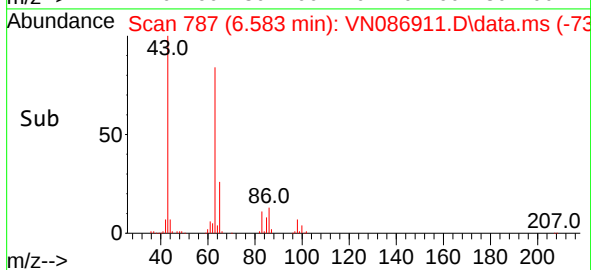
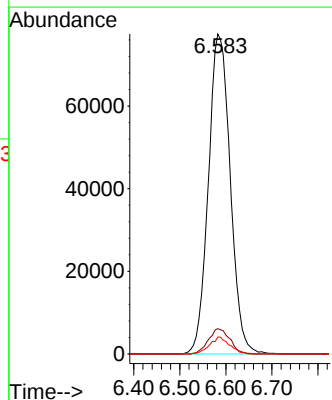
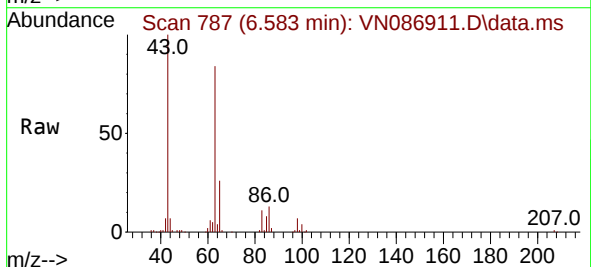
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

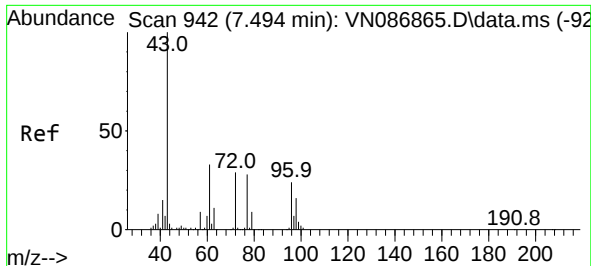
Tgt Ion: 43 Resp: 1840663
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 48.185 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Tgt Ion: 63 Resp: 255395
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.3 2.6 7.8

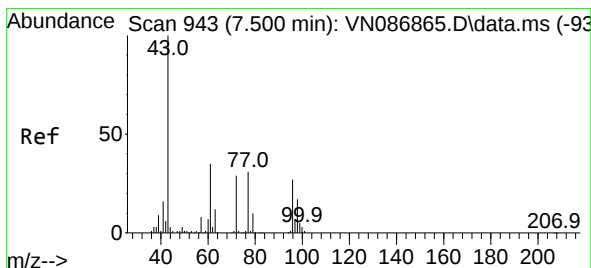
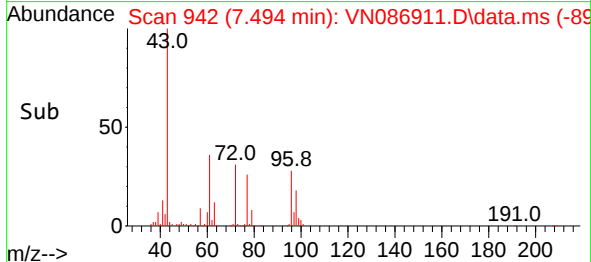
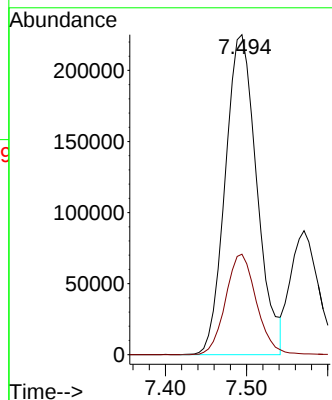
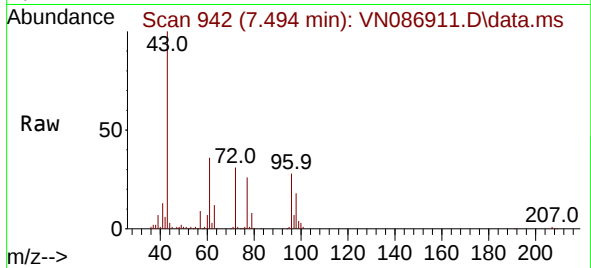




#25
2-Butanone
Concen: 223.226 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

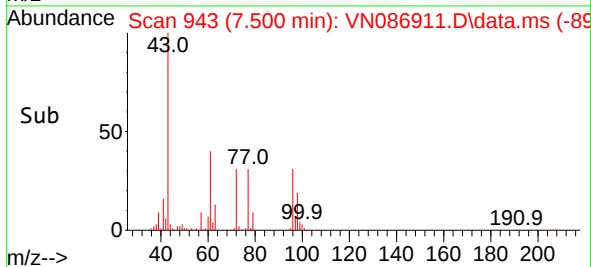
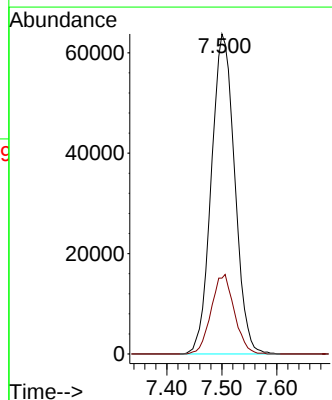
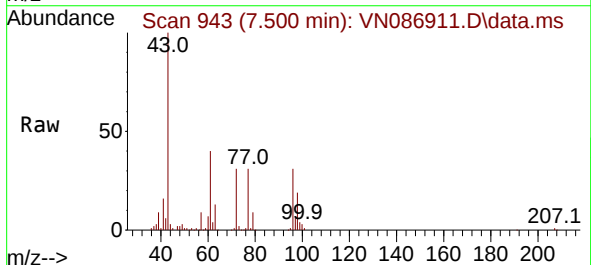
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

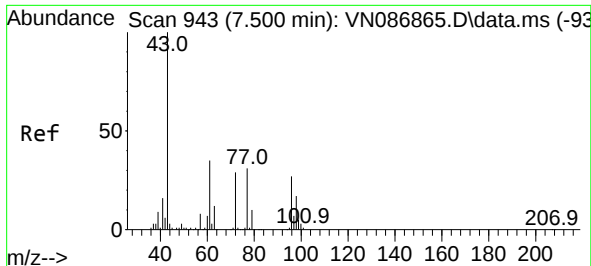
Tgt Ion: 43 Resp: 609830
Ion Ratio Lower Upper
43 100
72 31.4 23.0 34.6



#26
2,2-Dichloropropane
Concen: 45.651 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

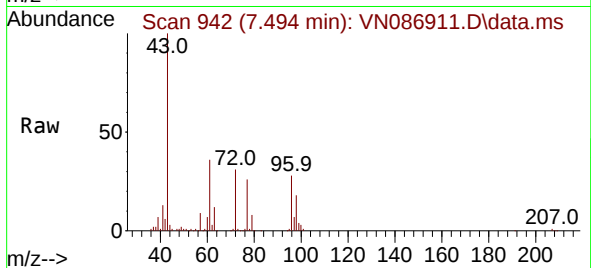
Tgt Ion: 77 Resp: 188220
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7



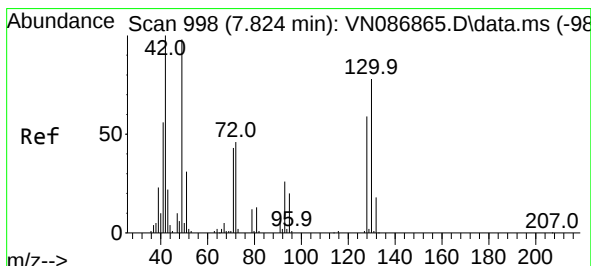
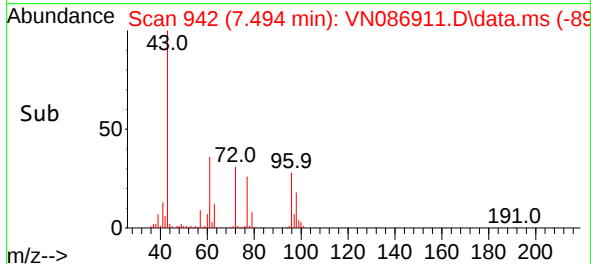
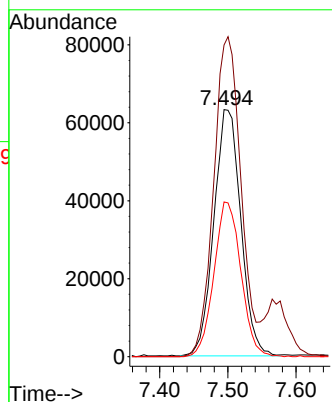


#27
 cis-1,2-Dichloroethene
 Concen: 49.555 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

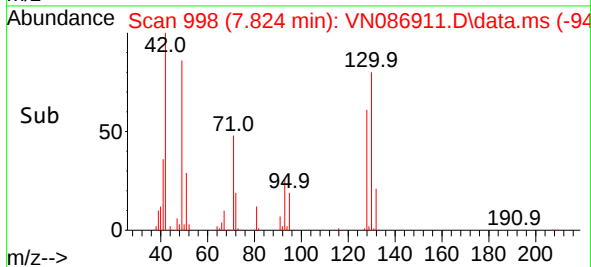
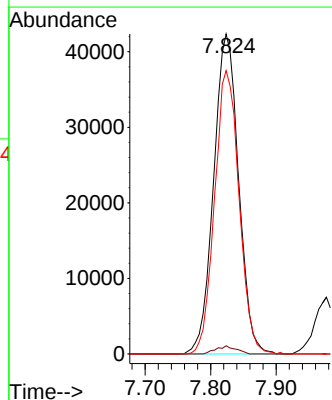
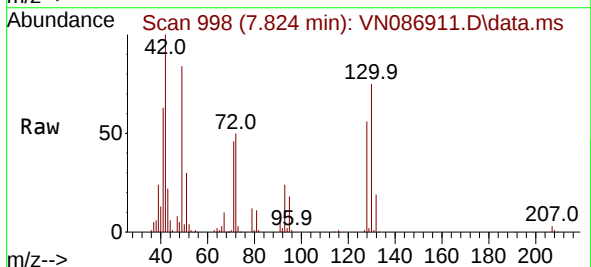


Tgt Ion: 96 Resp: 173722
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 278.0
 98 62.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 42.885 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Tgt Ion: 49 Resp: 111761
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 86.7 62.2 93.2





#29

Tetrahydrofuran

Concen: 223.263 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086911.D

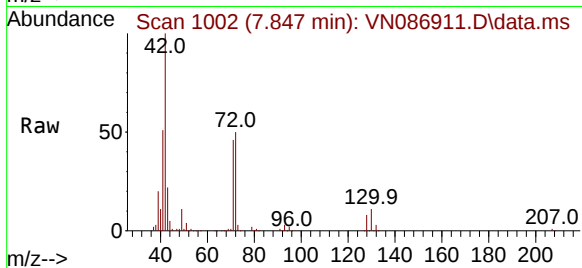
Acq: 09 Jun 2025 17:17

Instrument :

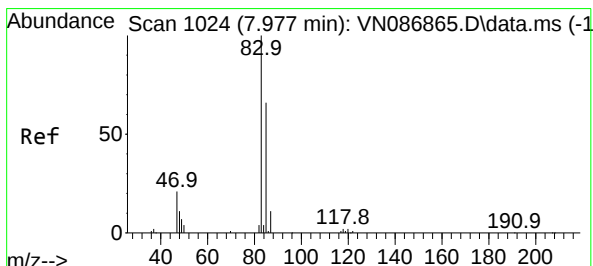
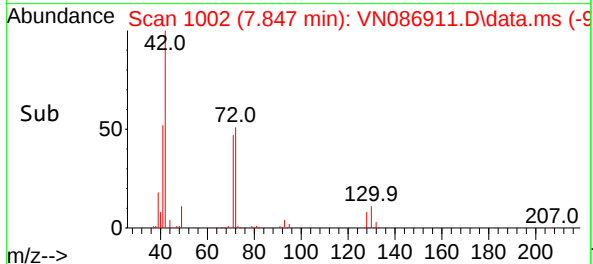
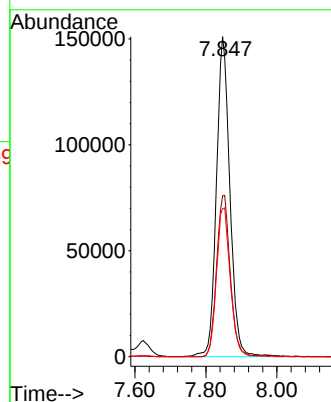
MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	42	Resp:	397327
Ion	Ratio	Lower	Upper
42	100		
72	51.1	37.8	56.6
71	47.3	35.6	53.4



#30

Chloroform

Concen: 48.104 ug/l

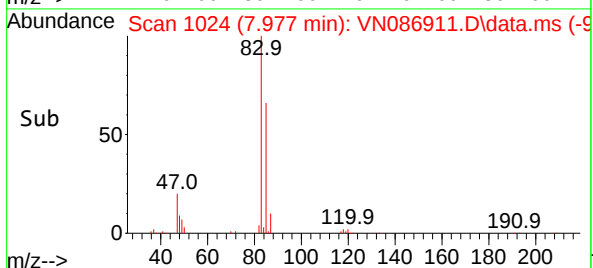
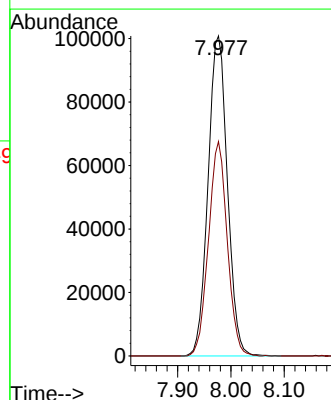
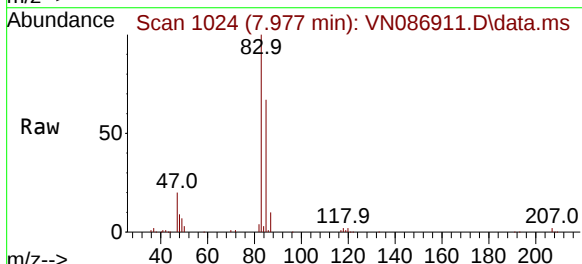
RT: 7.977 min Scan# 1024

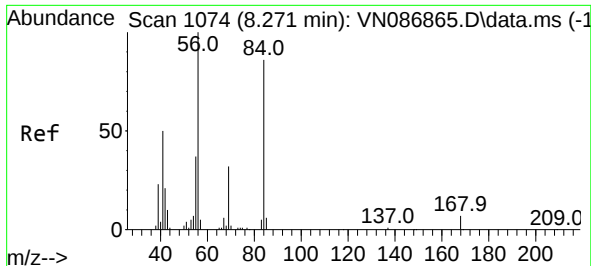
Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Tgt Ion:	83	Resp:	254626
Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.9	79.3

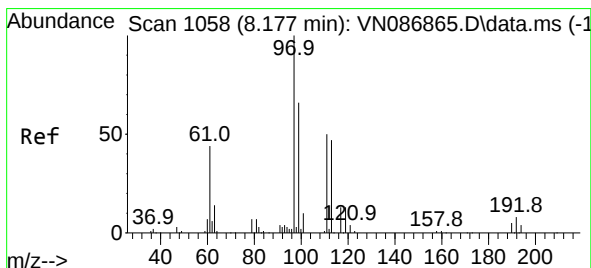
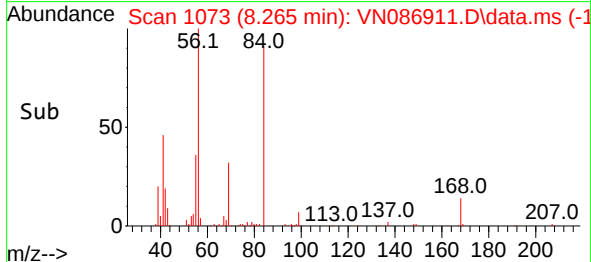
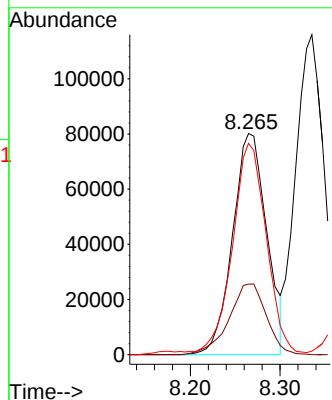
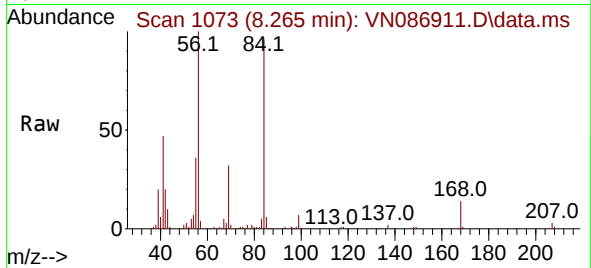




#31
Cyclohexane
Concen: 41.219 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

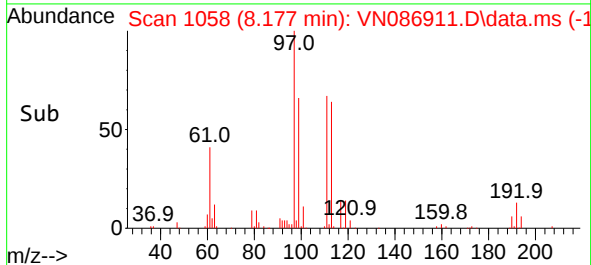
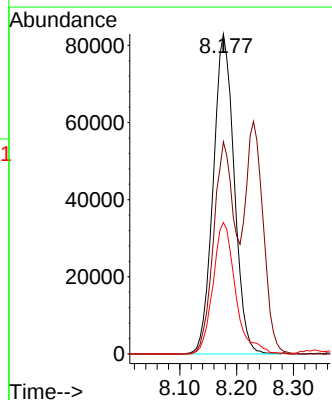
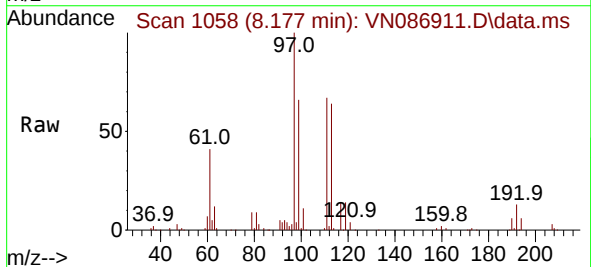
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

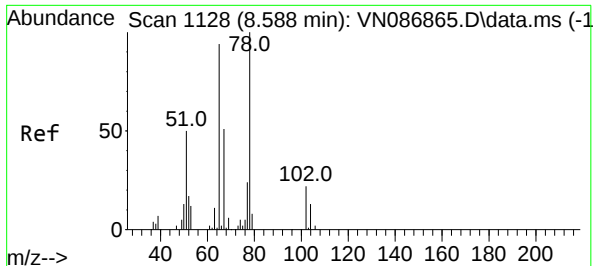
Tgt Ion: 56 Resp: 211876
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.0
84 94.1 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 47.273 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 97 Resp: 212823
Ion Ratio Lower Upper
97 100
99 67.1 52.0 78.0
61 44.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 47.675 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

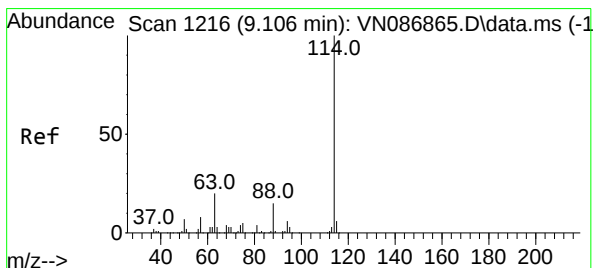
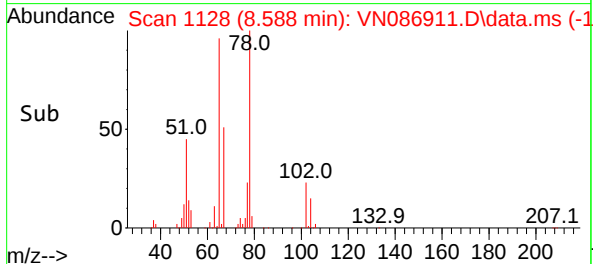
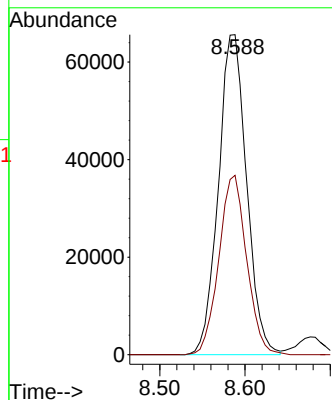
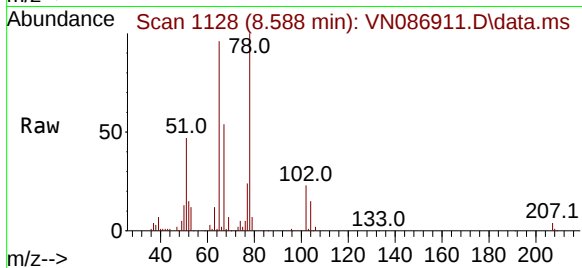
VSTDCCC050EC

Tgt Ion: 65 Resp: 151095

Ion Ratio Lower Upper

65 100

67 55.2 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: VN086911.D

Acq: 09 Jun 2025 17:17

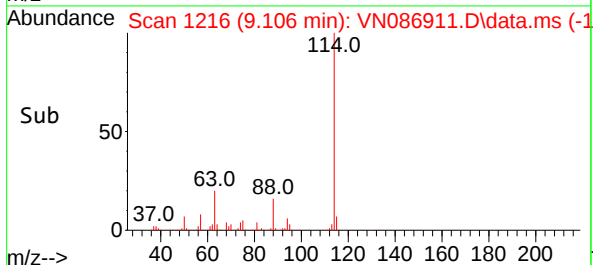
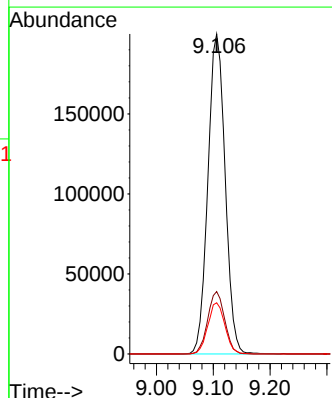
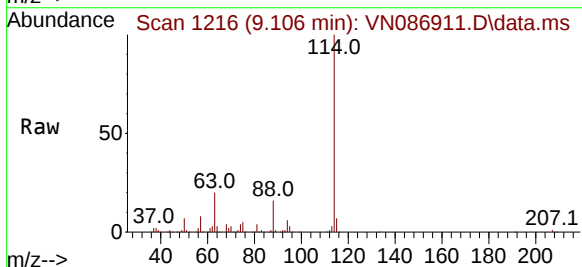
Tgt Ion: 114 Resp: 420058

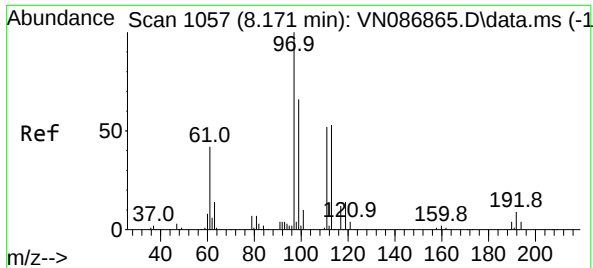
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 16.0 0.0 30.2

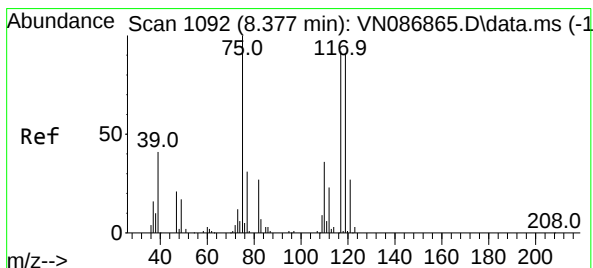
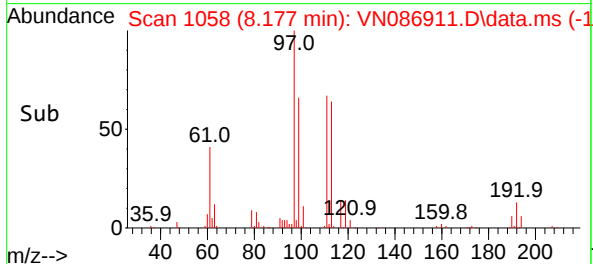
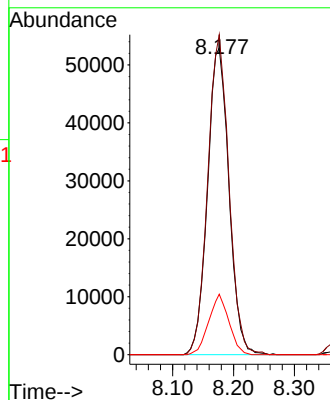
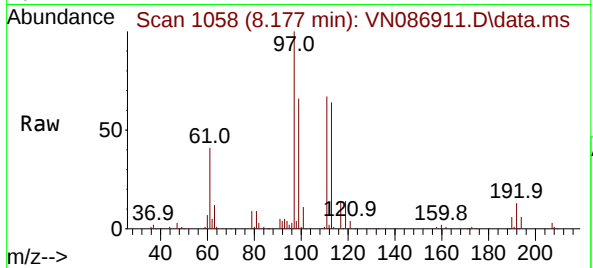




#35
Dibromofluoromethane
Concen: 52.094 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

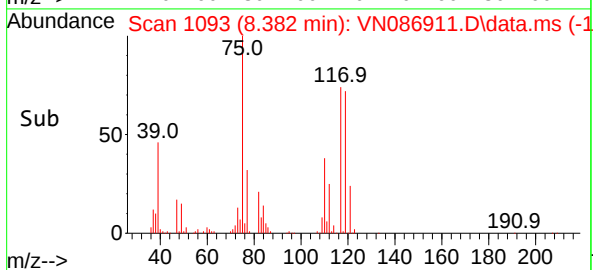
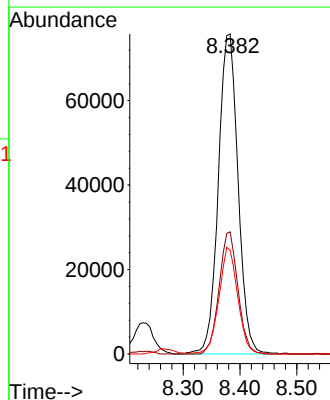
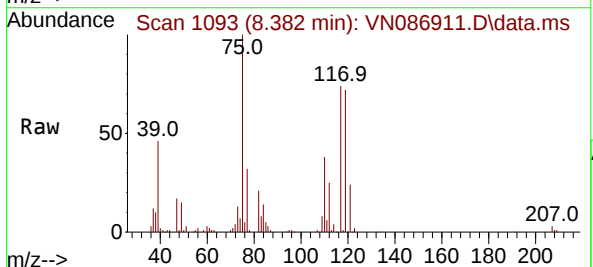
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

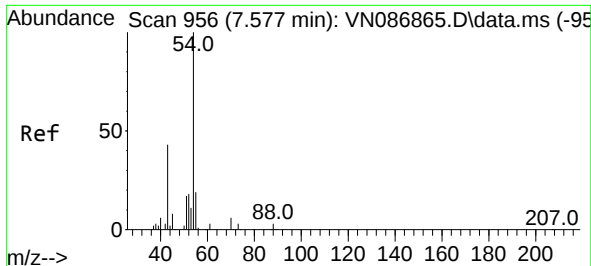
Tgt Ion:113 Resp: 129680
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 18.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 49.276 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 75 Resp: 182786
Ion Ratio Lower Upper
75 100
110 36.3 17.6 52.9
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 45.818 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

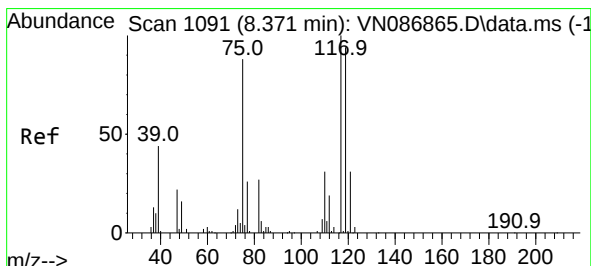
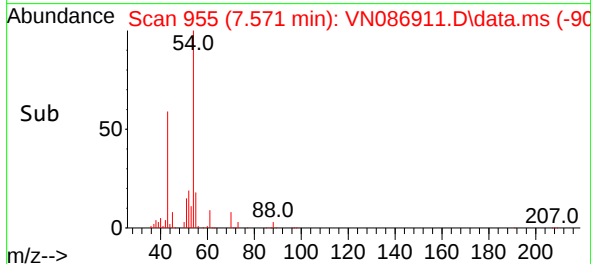
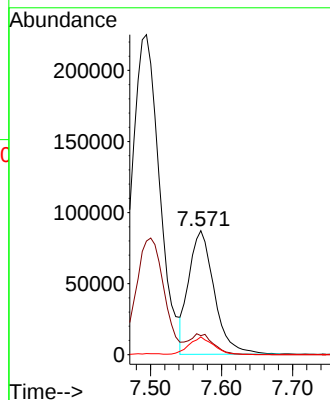
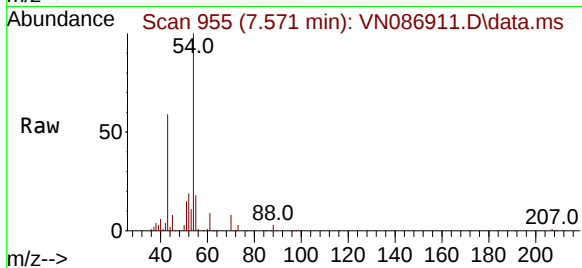
Tgt Ion: 43 Resp: 216357

Ion Ratio Lower Upper

43 100

61 15.8 12.1 18.1

70 13.8 9.8 14.6



#38

Carbon Tetrachloride

Concen: 49.468 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

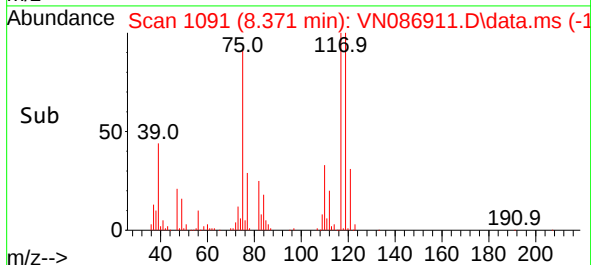
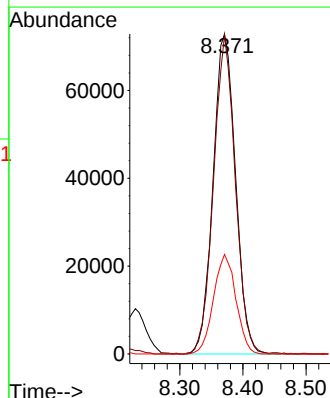
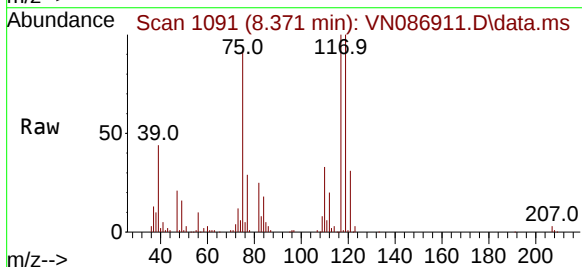
Tgt Ion: 117 Resp: 180152

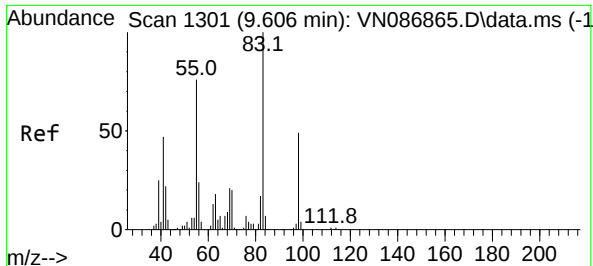
Ion Ratio Lower Upper

117 100

119 99.7 75.0 112.6

121 31.1 24.9 37.3

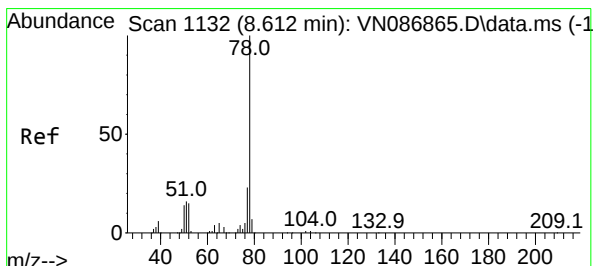
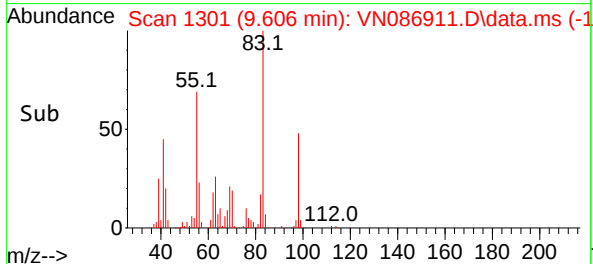
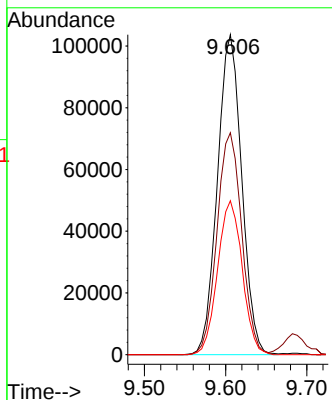
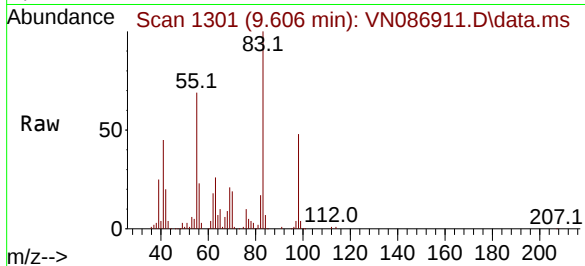




#39
Methylcyclohexane
Concen: 42.563 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

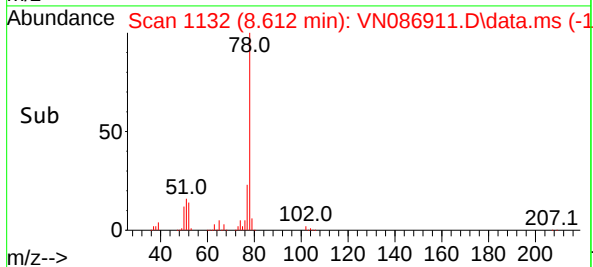
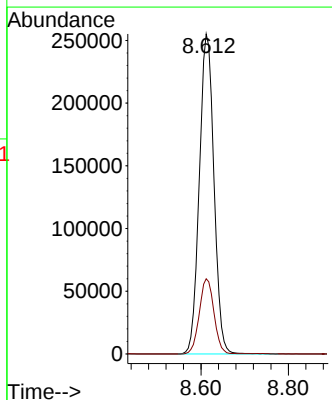
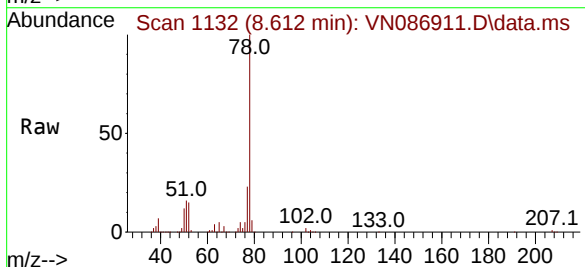
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

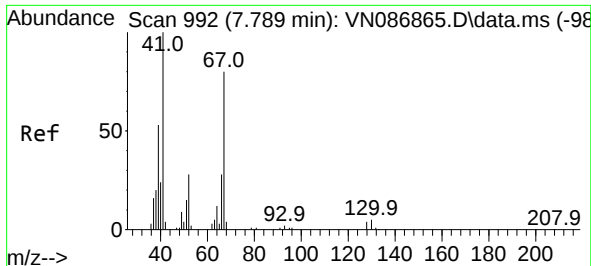
Tgt Ion: 83 Resp: 216305
Ion Ratio Lower Upper
83 100
55 69.3 61.0 91.6
98 48.1 38.9 58.3



#40
Benzene
Concen: 48.968 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 78 Resp: 593973
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



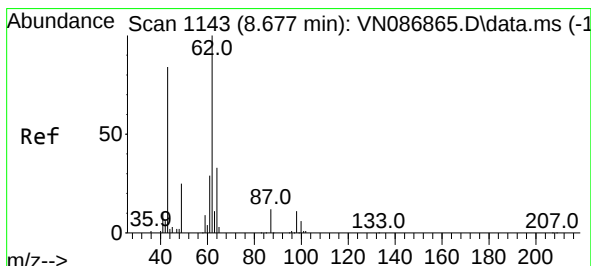
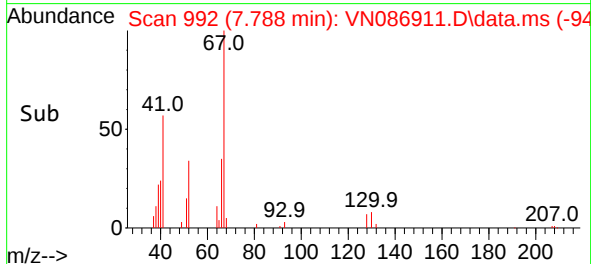
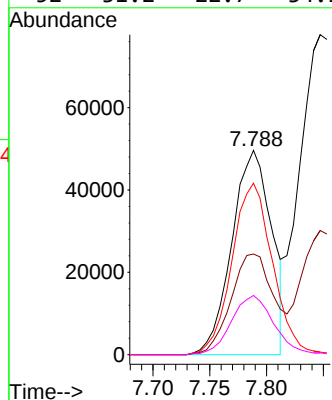
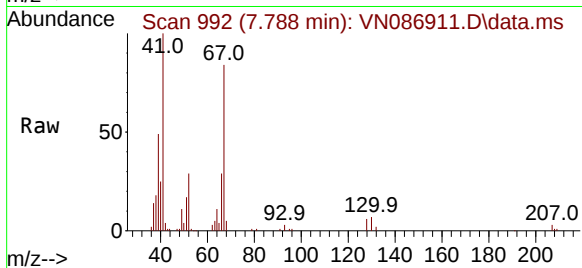


#41
Methacrylonitrile
Concen: 45.470 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 120583

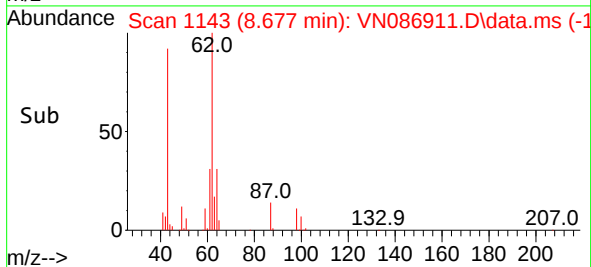
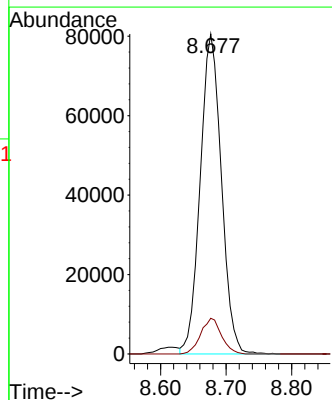
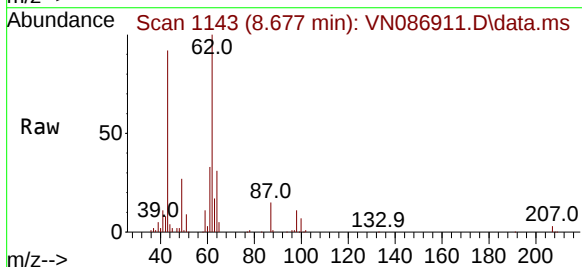
Ion	Ratio	Lower	Upper
41	100		
39	53.6	41.2	61.8
67	86.0	61.4	92.2
52	31.2	22.7	34.1

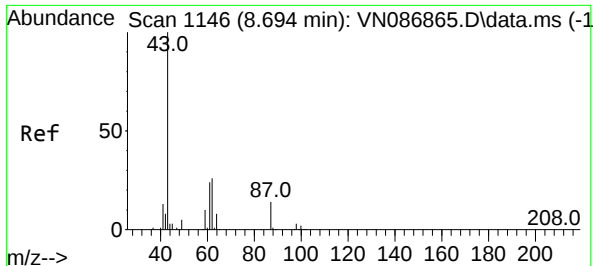


#42
1,2-Dichloroethane
Concen: 49.191 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 62 Resp: 180979

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.2





#43

Isopropyl Acetate

Concen: 46.408 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

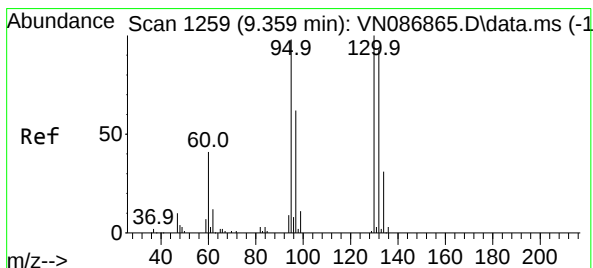
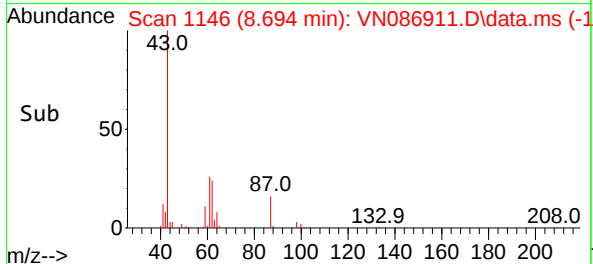
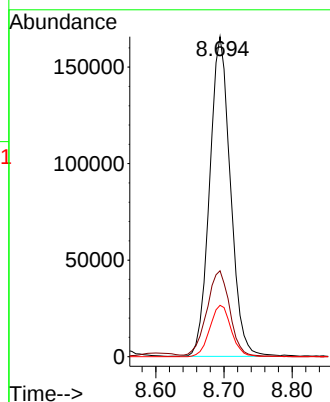
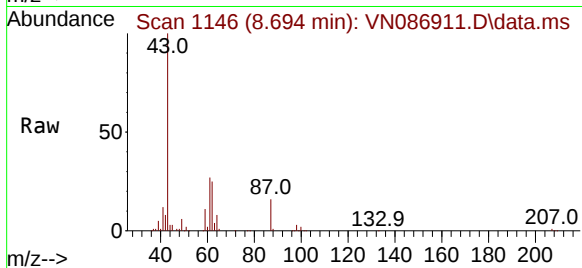
Tgt Ion: 43 Resp: 351721

Ion Ratio Lower Upper

43 100

61 29.9 22.1 33.1

87 16.5 11.8 17.6



#44

Trichloroethene

Concen: 51.528 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN086911.D

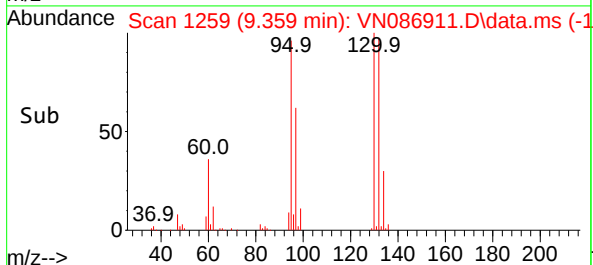
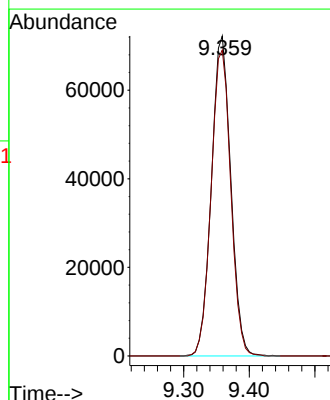
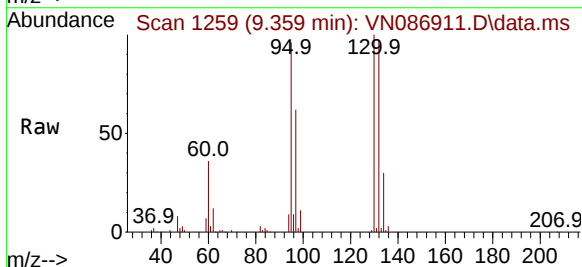
Acq: 09 Jun 2025 17:17

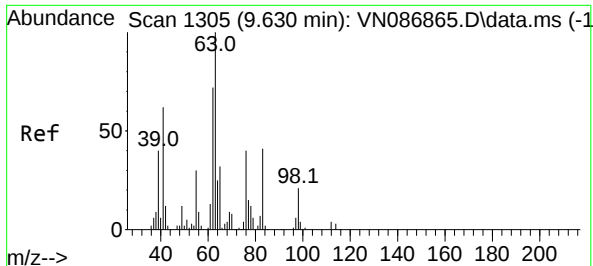
Tgt Ion: 130 Resp: 148206

Ion Ratio Lower Upper

130 100

95 95.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 48.774 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

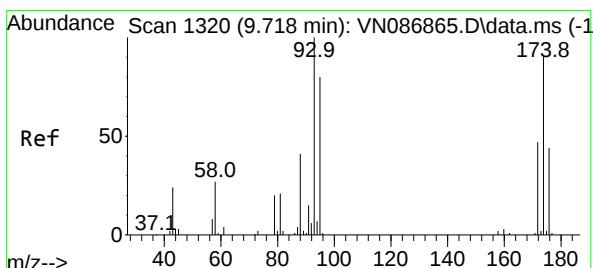
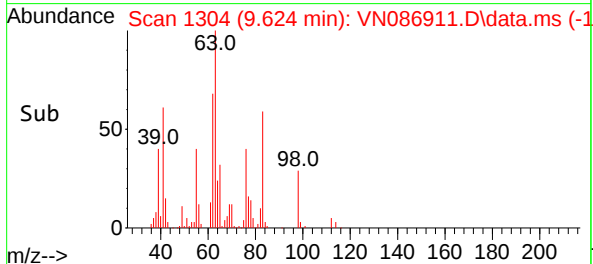
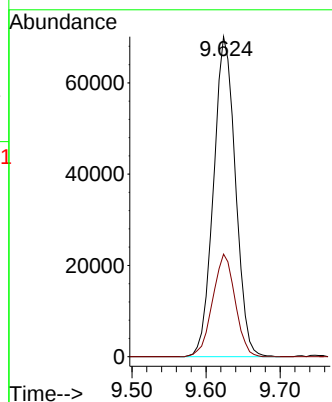
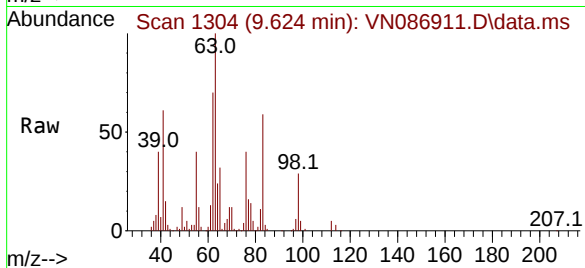
VSTDCCC050EC

Tgt Ion: 63 Resp: 143932

Ion Ratio Lower Upper

63 100

65 32.0 25.5 38.3



#46

Dibromomethane

Concen: 51.401 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

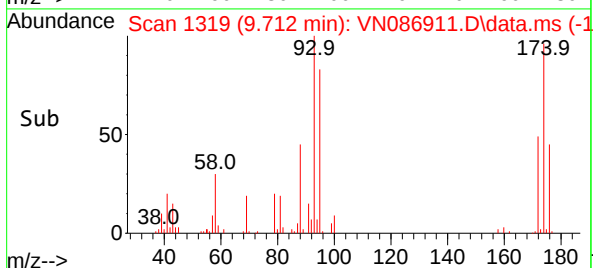
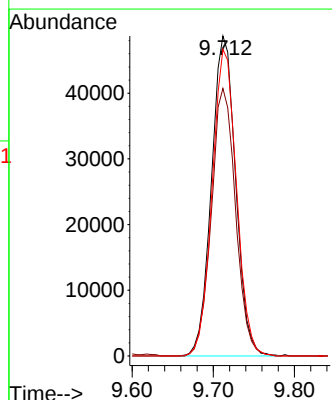
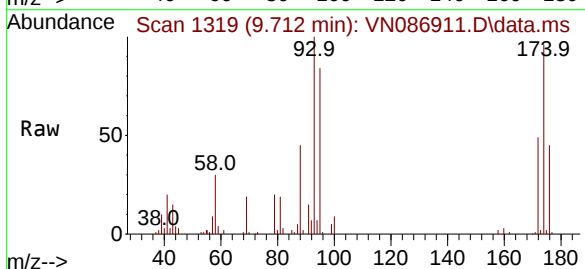
Tgt Ion: 93 Resp: 100752

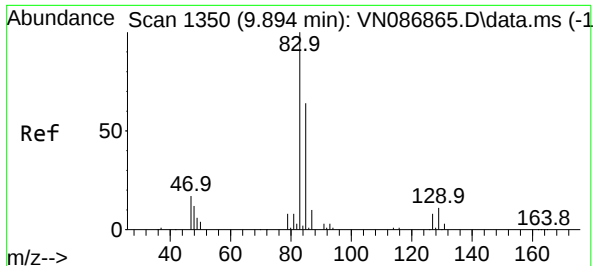
Ion Ratio Lower Upper

93 100

95 84.0 67.1 100.7

174 96.3 74.2 111.4

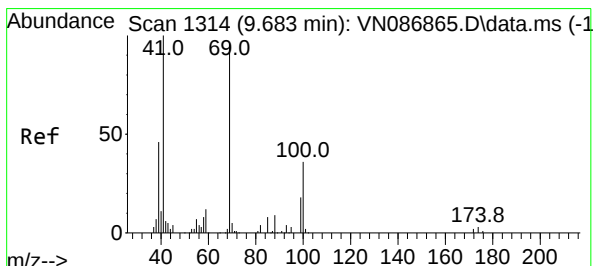
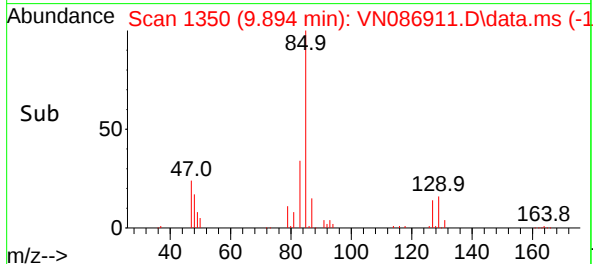
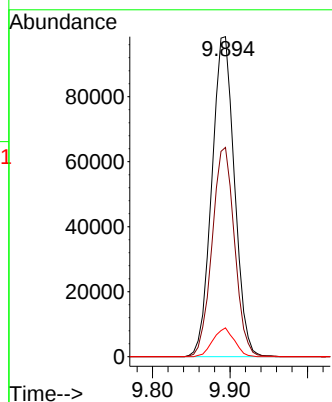
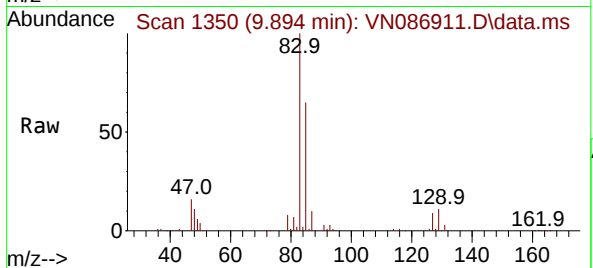




#47
Bromodichloromethane
Concen: 49.584 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

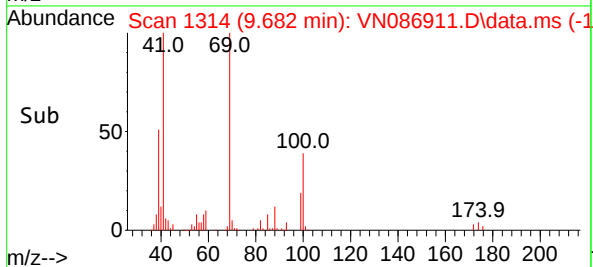
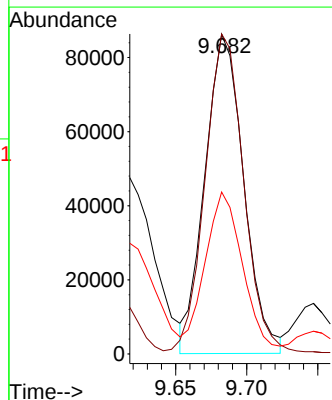
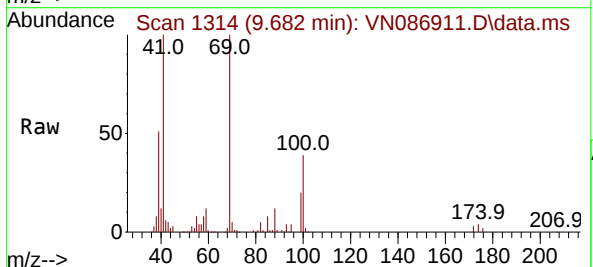
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

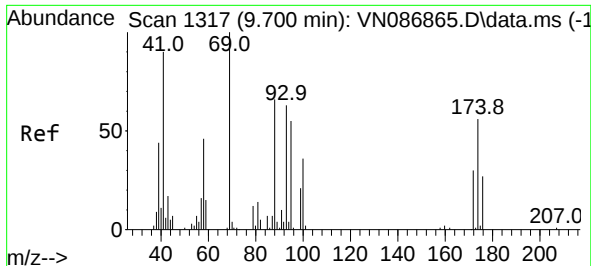
Tgt Ion: 83 Resp: 199966
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 46.955 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 41 Resp: 163795
Ion Ratio Lower Upper
41 100
69 100.2 74.6 112.0
39 50.0 40.2 60.4





#49

1,4-Dioxane

Concen: 987.483 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

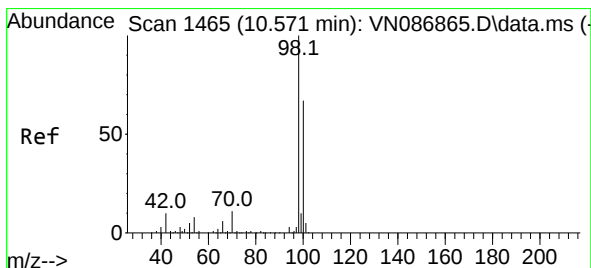
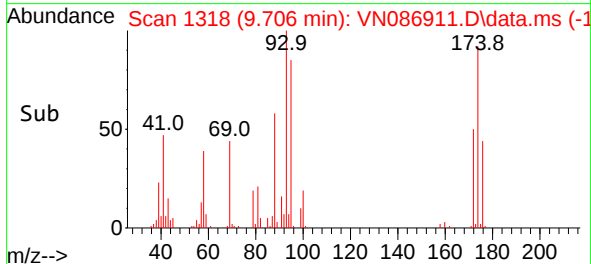
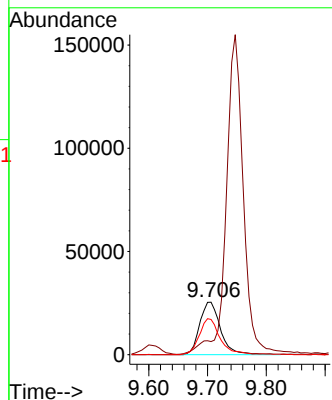
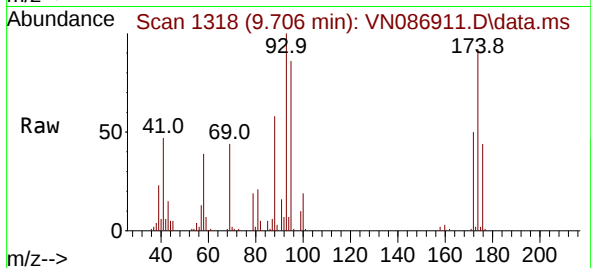
Tgt Ion: 88 Resp: 62666

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.0 57.7 86.5



#50

Toluene-d8

Concen: 50.734 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN086911.D

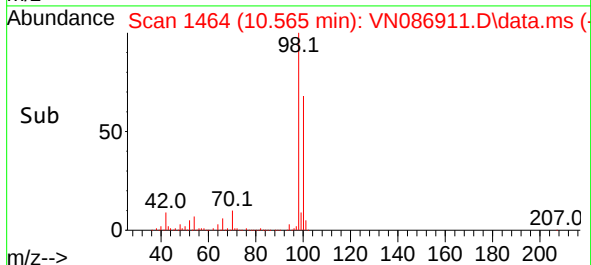
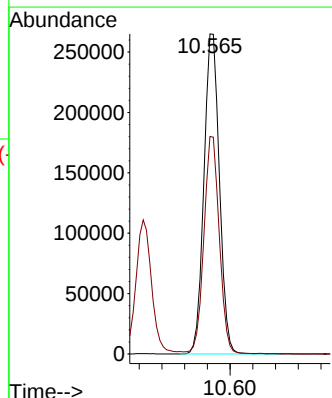
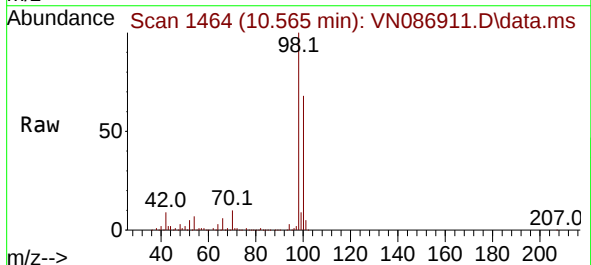
Acq: 09 Jun 2025 17:17

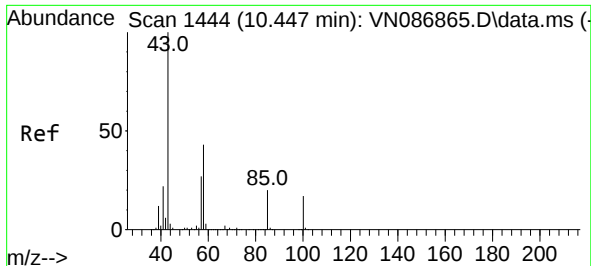
Tgt Ion: 98 Resp: 499965

Ion Ratio Lower Upper

98 100

100 67.4 53.4 80.0

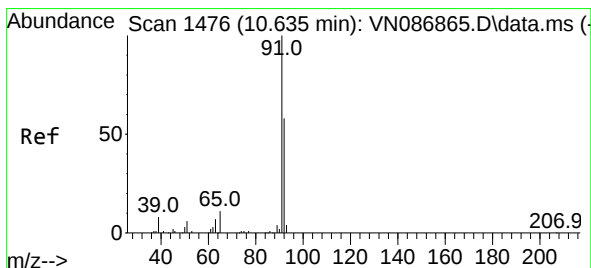
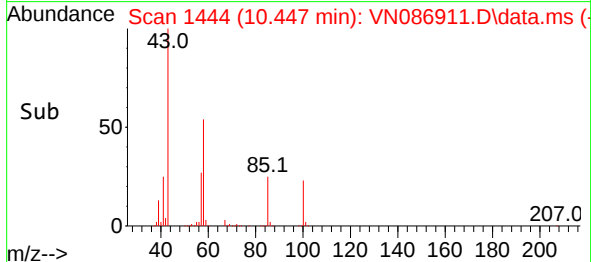
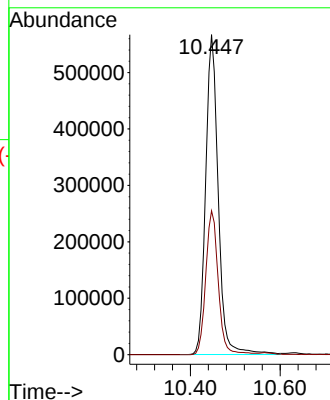
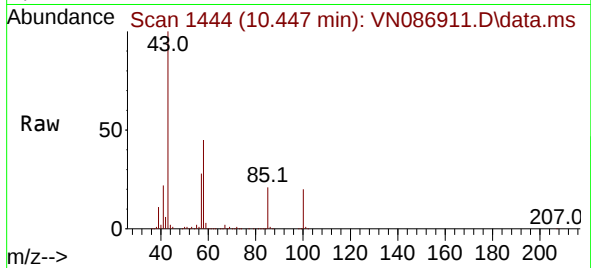




#51
4-Methyl-2-Pentanone
Concen: 241.688 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

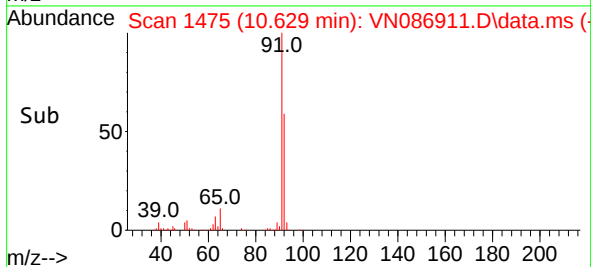
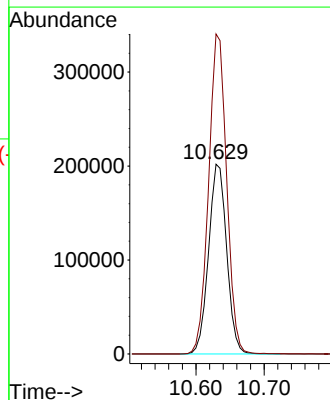
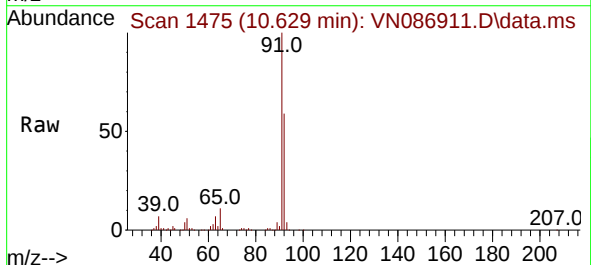
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

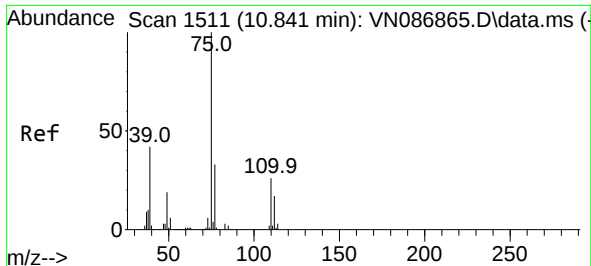
Tgt Ion: 43 Resp: 1102726
Ion Ratio Lower Upper
43 100
58 44.7 34.2 51.4



#52
Toluene
Concen: 50.283 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 92 Resp: 372743
Ion Ratio Lower Upper
92 100
91 168.1 136.5 204.7

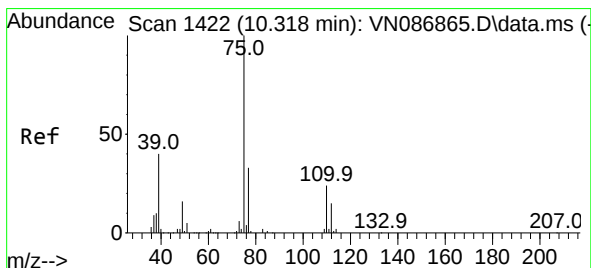
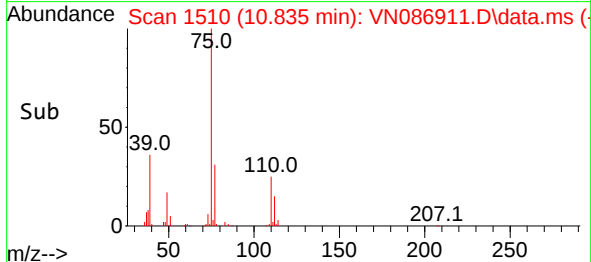
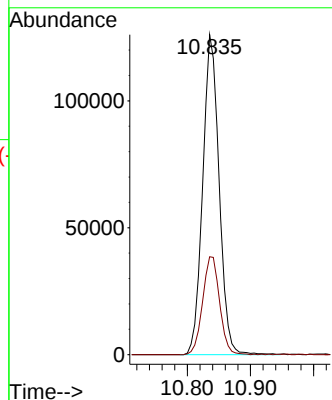
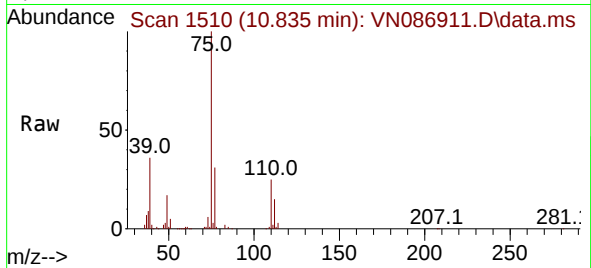




#53
 t-1,3-Dichloropropene
 Concen: 50.452 ug/l
 RT: 10.835 min Scan# 1511
 Delta R.T. -0.006 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

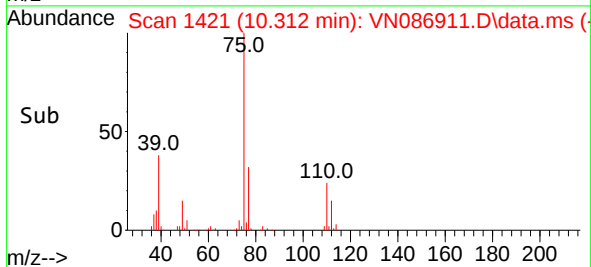
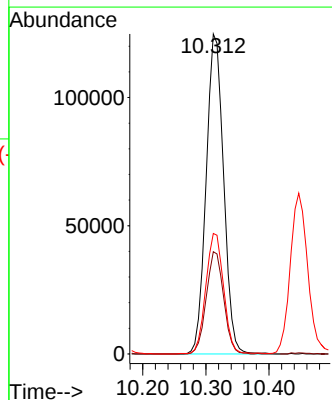
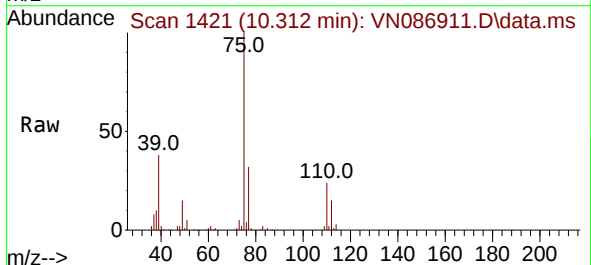
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

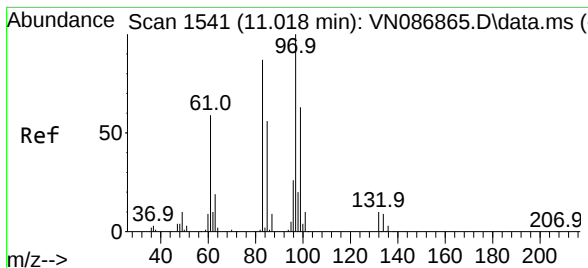
Tgt Ion: 75 Resp: 227518
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.698 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Tgt Ion: 75 Resp: 239800
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.4
 39 37.5 32.3 48.5

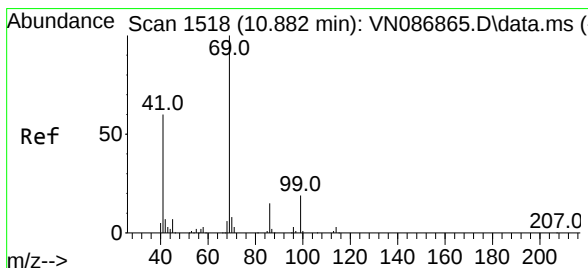
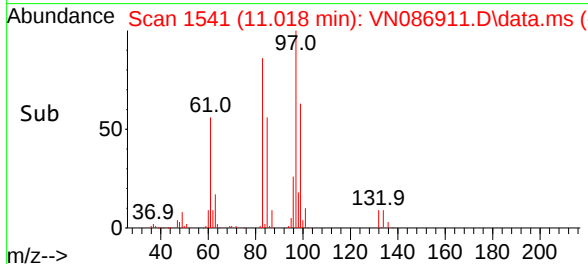
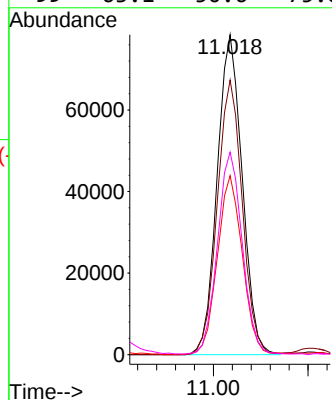
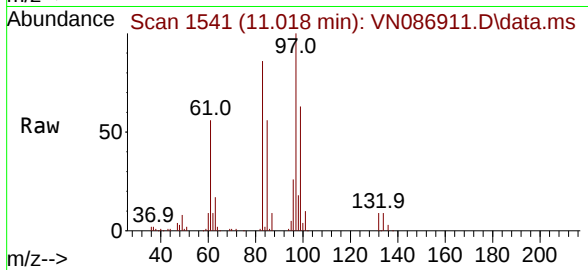




#55
1,1,2-Trichloroethane
Concen: 50.511 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

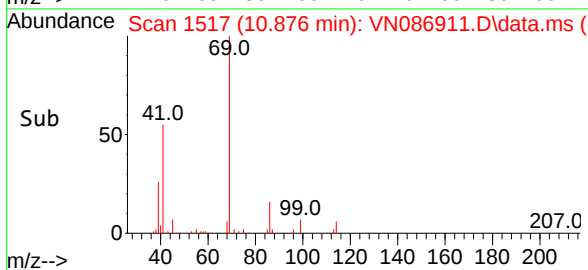
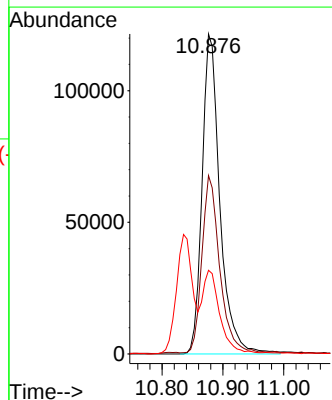
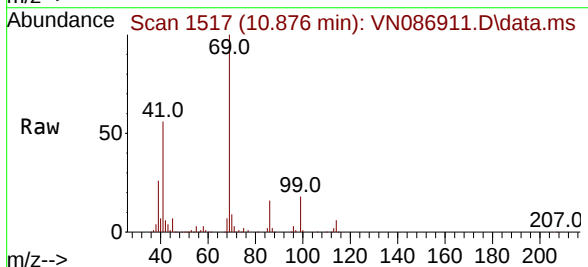
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

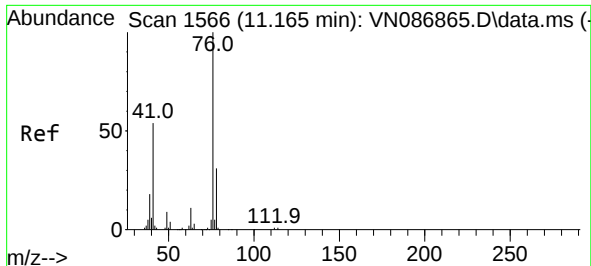
Tgt Ion: 97	Resp: 144074
Ion Ratio	Lower Upper
97 100	
83 85.8	69.7 104.5
85 56.0	45.1 67.7
99 63.1	50.6 75.8



#56
Ethyl methacrylate
Concen: 54.356 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 69	Resp: 246945
Ion Ratio	Lower Upper
69 100	
41 55.1	47.2 70.8
39 25.3	23.0 34.6





#57

1,3-Dichloropropane

Concen: 49.842 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

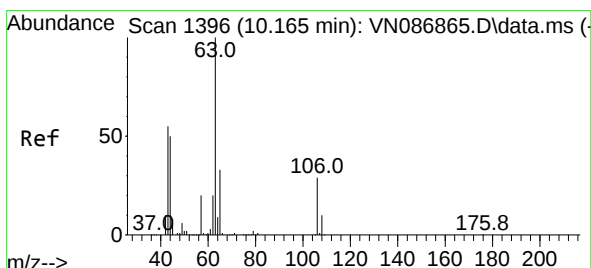
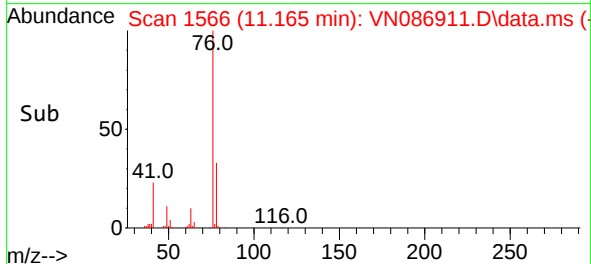
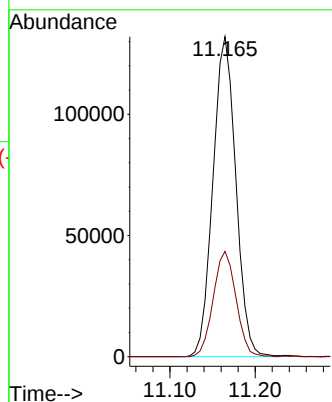
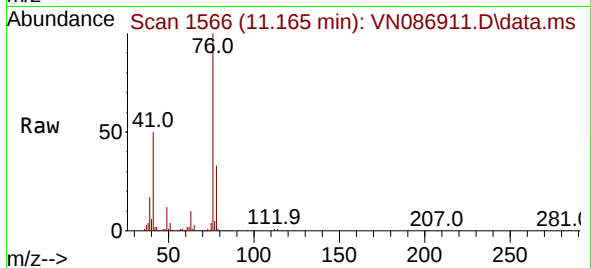
VSTDCCC050EC

Tgt Ion: 76 Resp: 246620

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 232.785 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN086911.D

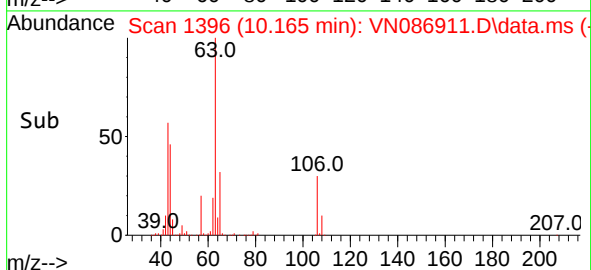
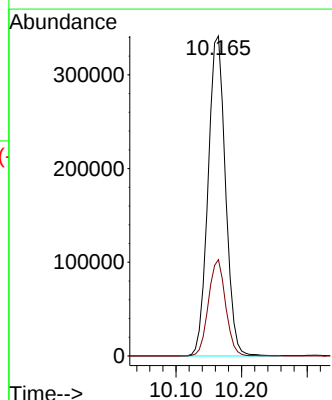
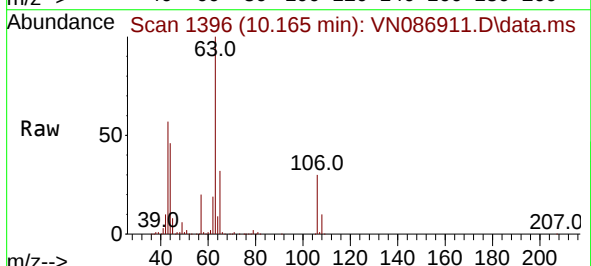
Acq: 09 Jun 2025 17:17

Tgt Ion: 63 Resp: 630783

Ion Ratio Lower Upper

63 100

106 29.7 23.0 34.6

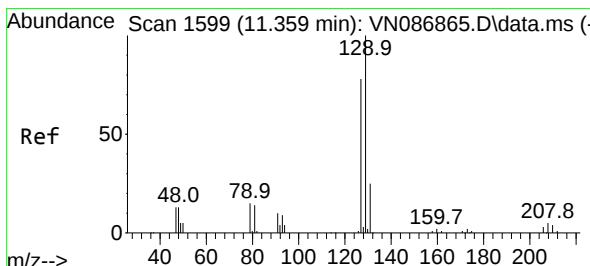
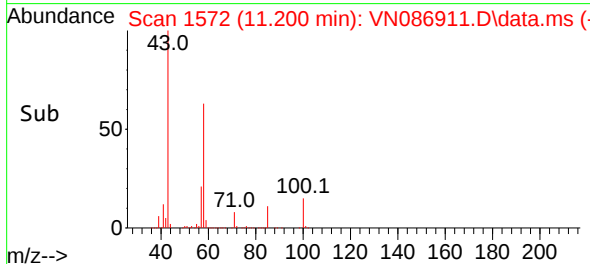
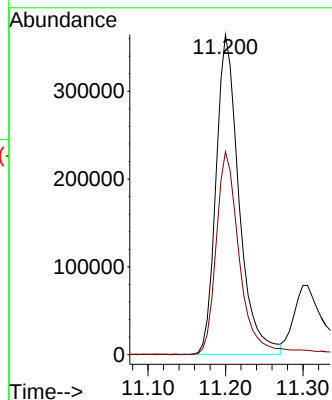
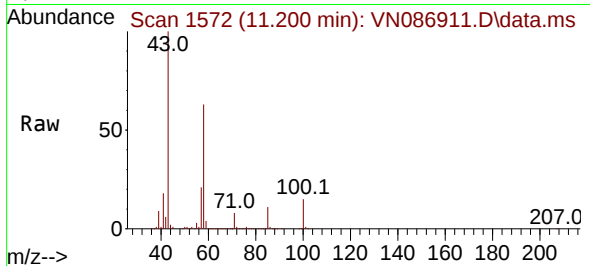




#59
2-Hexanone
Concen: 254.927 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

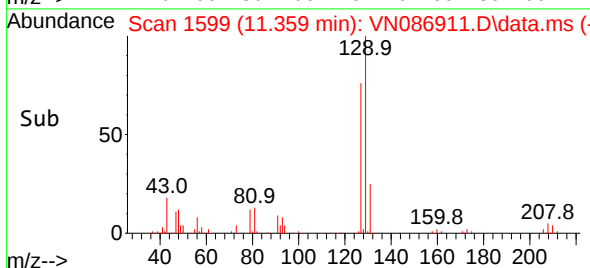
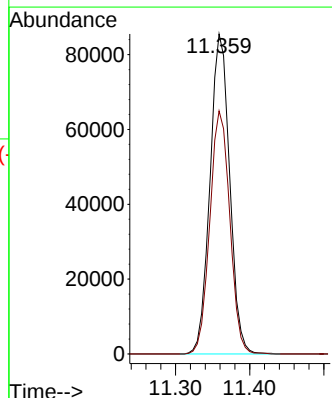
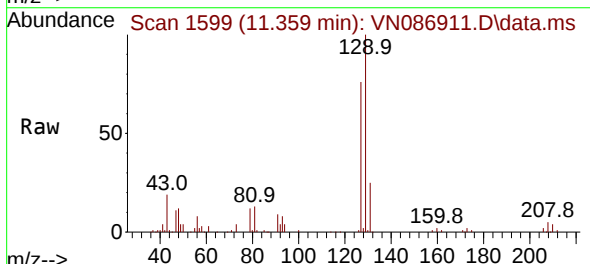
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 749210
Ion Ratio Lower Upper
43 100
58 66.8 30.4 91.3



#60
Dibromochloromethane
Concen: 53.046 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 129 Resp: 157642
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8

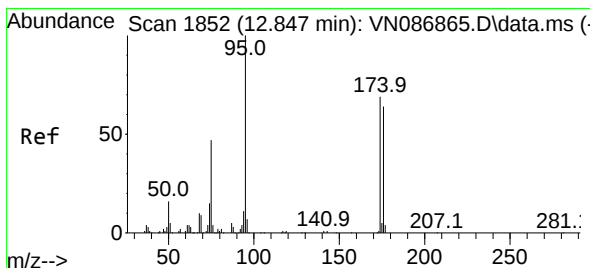
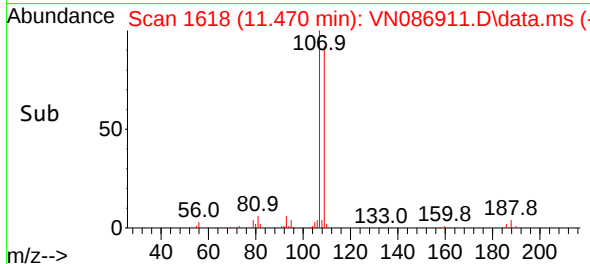
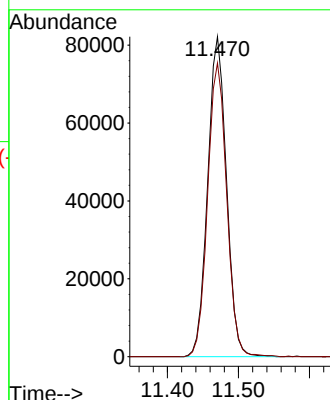
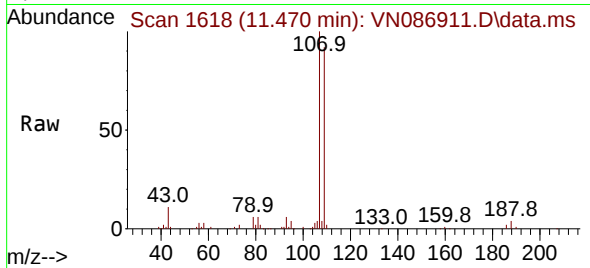




#61
1,2-Dibromoethane
Concen: 51.729 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

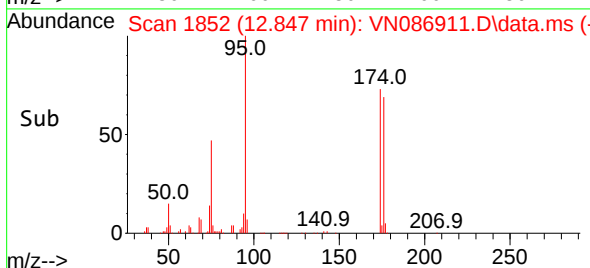
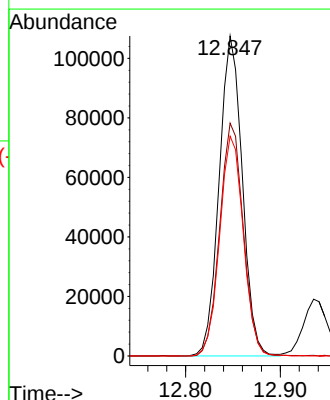
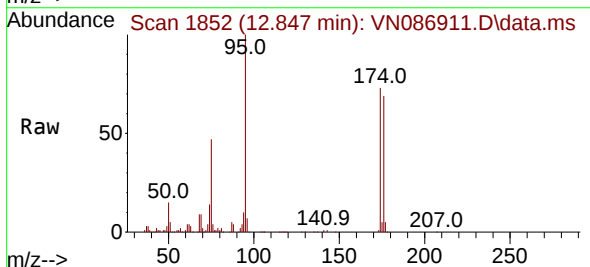
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

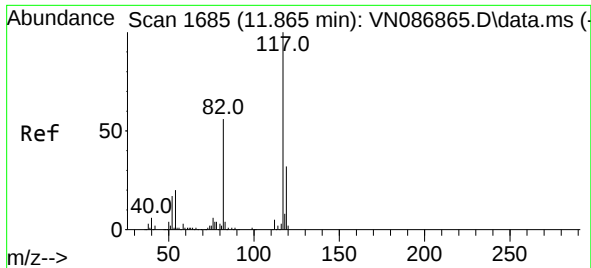
Tgt Ion:107 Resp: 151234
Ion Ratio Lower Upper
107 100
109 93.1 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 49.889 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 95 Resp: 182658
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.8
176 70.2 0.0 132.6

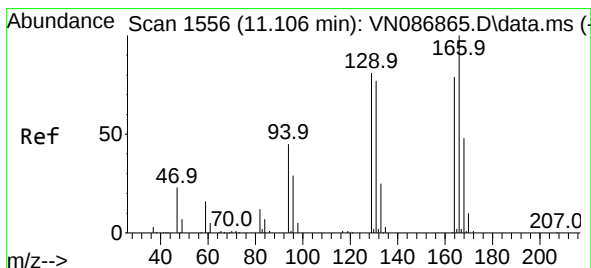
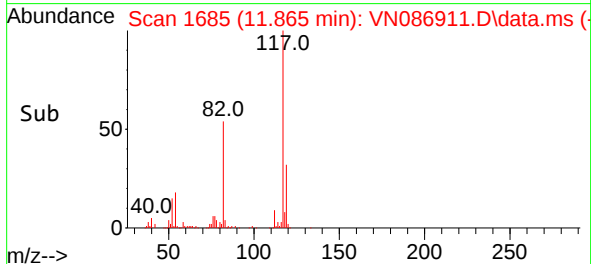
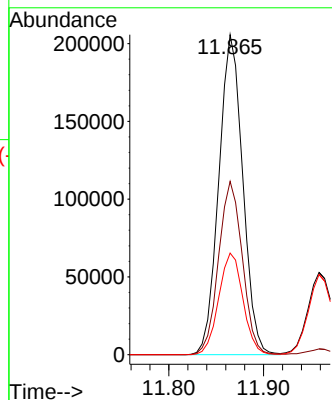
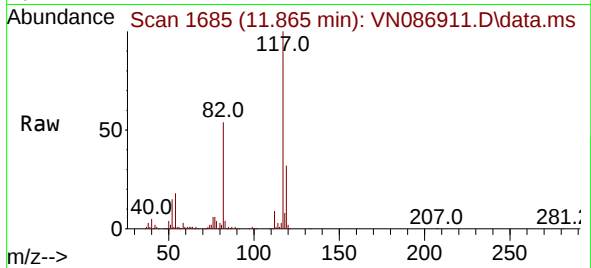




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

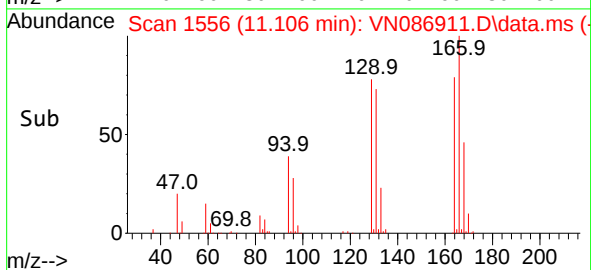
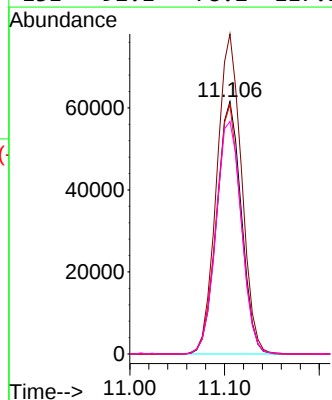
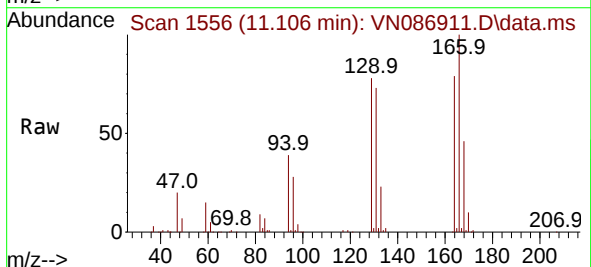
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

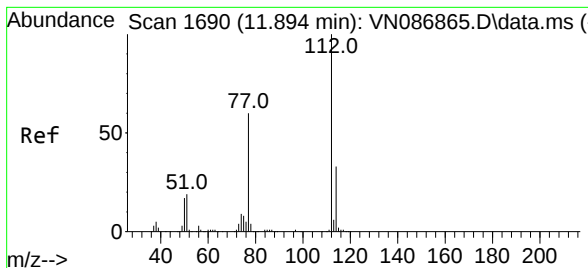
Tgt Ion:117 Resp: 361673
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 48.432 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:164 Resp: 110856
Ion Ratio Lower Upper
164 100
166 126.8 101.8 152.8
129 98.7 83.0 124.4
131 92.1 78.2 117.2

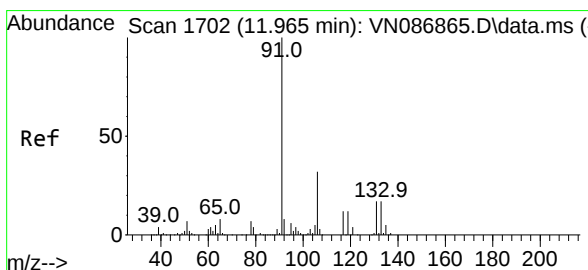
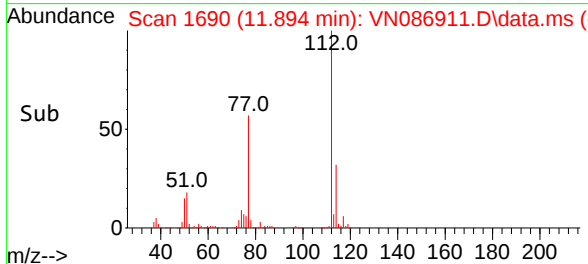
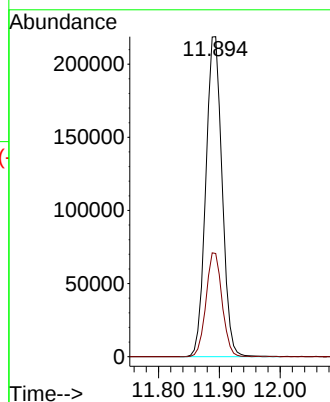
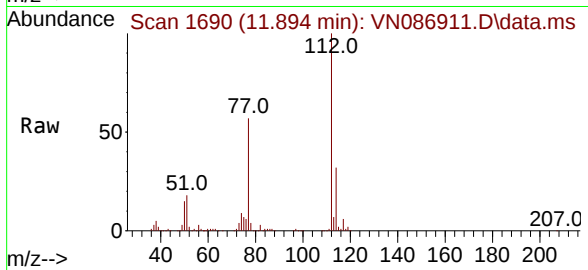




#65
Chlorobenzene
Concen: 50.938 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

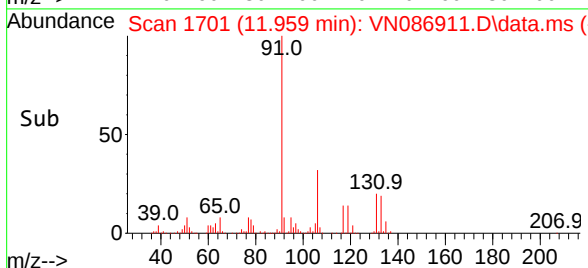
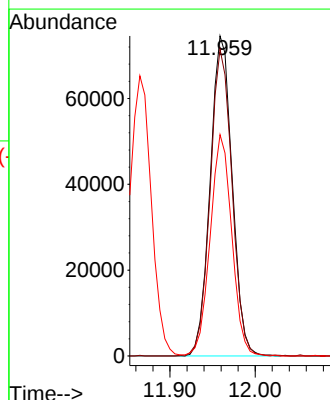
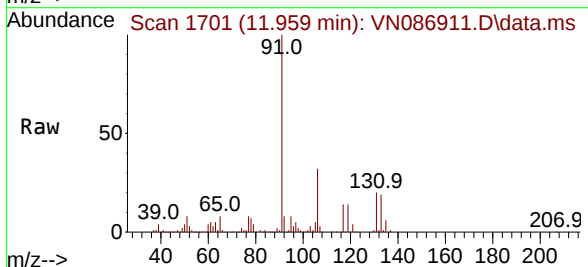
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

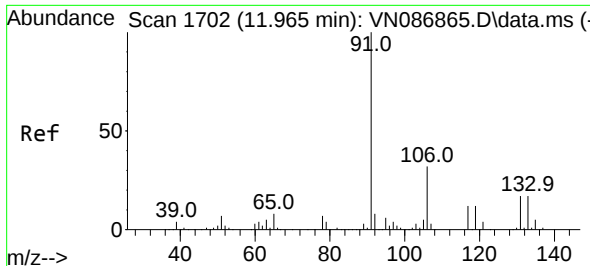
Tgt Ion:112 Resp: 406325
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.211 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:131 Resp: 133877
Ion Ratio Lower Upper
131 100
133 95.6 48.3 144.8
119 68.0 34.0 101.8

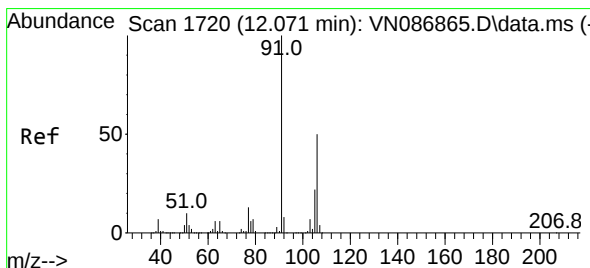
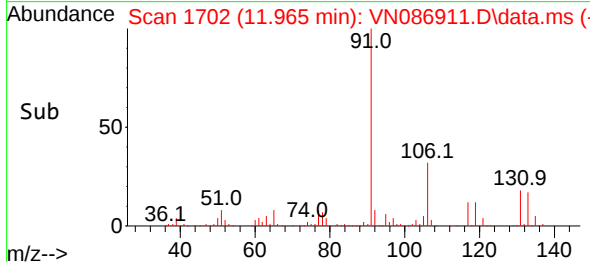
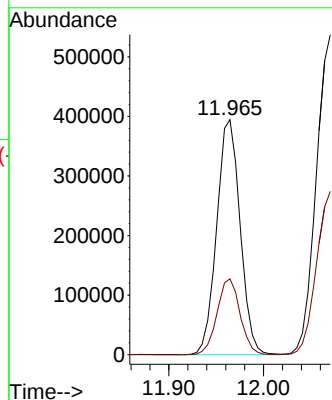
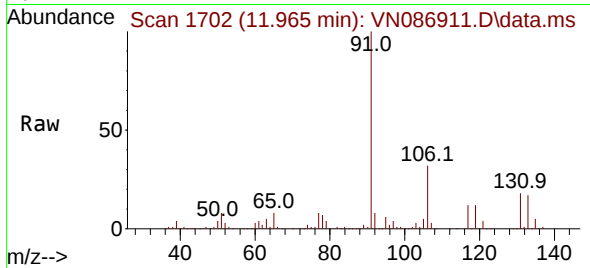




#67
Ethyl Benzene
Concen: 49.375 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

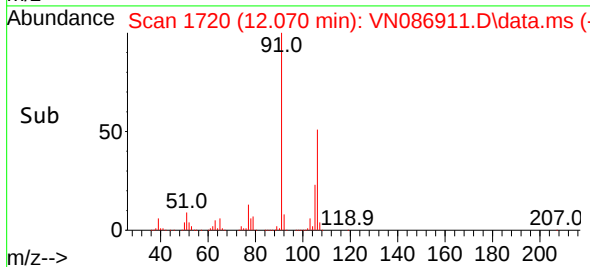
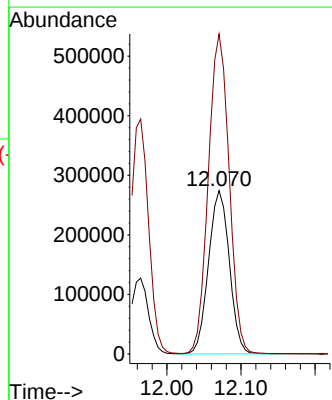
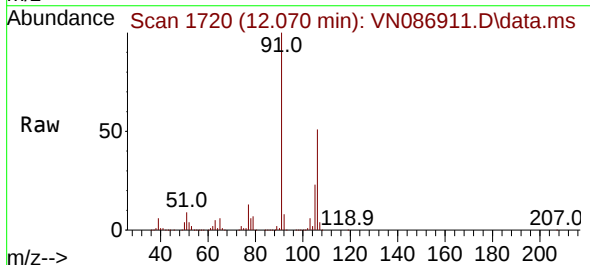
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

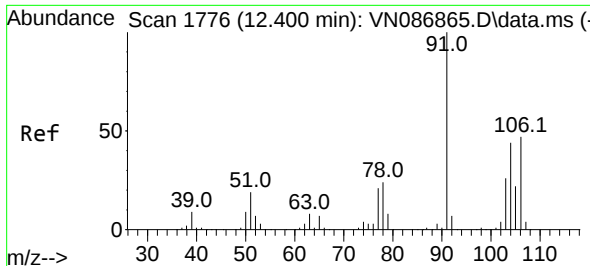
Tgt Ion: 91 Resp: 678406
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2



#68
m/p-Xylenes
Concen: 101.613 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:106 Resp: 534450
Ion Ratio Lower Upper
106 100
91 195.7 159.4 239.0

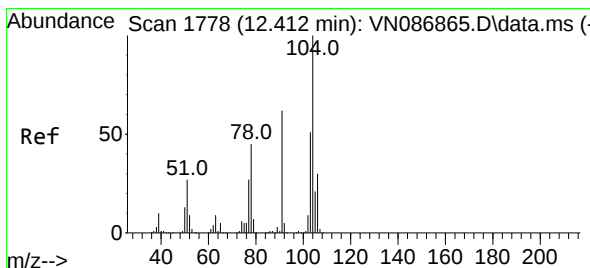
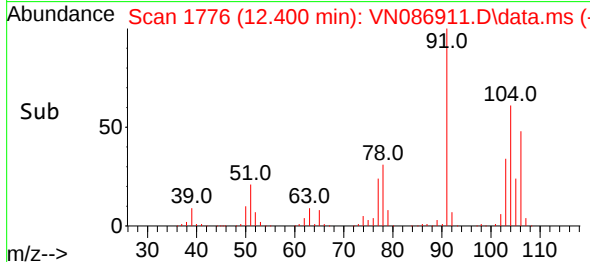
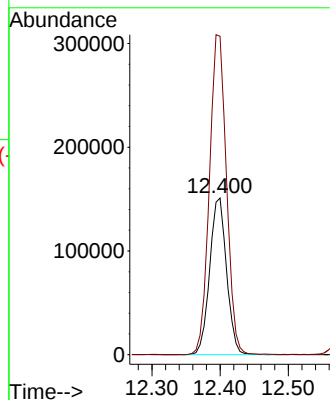
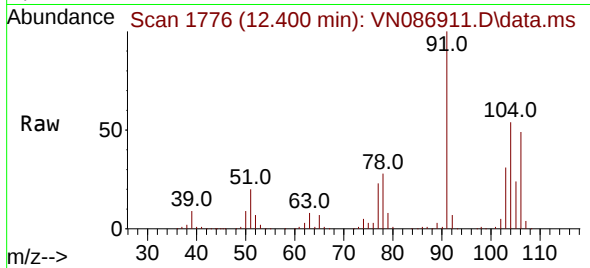




#69
o-Xylene
Concen: 51.686 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

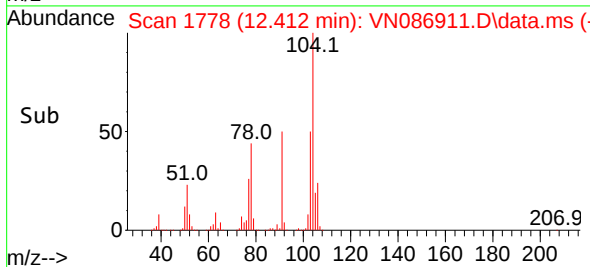
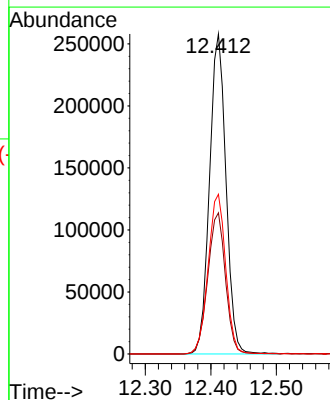
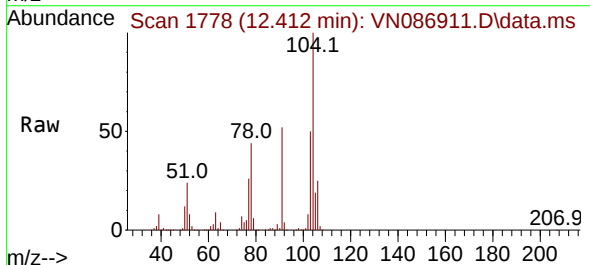
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

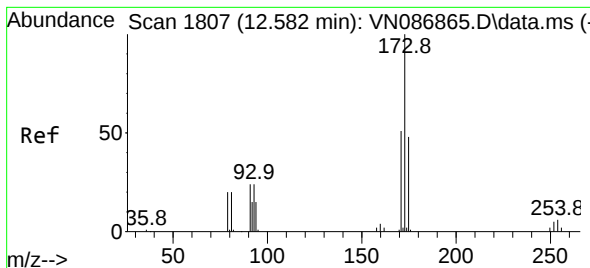
Tgt Ion:106 Resp: 260364
Ion Ratio Lower Upper
106 100
91 206.2 106.1 318.1



#70
Styrene
Concen: 52.227 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:104 Resp: 450190
Ion Ratio Lower Upper
104 100
78 47.4 38.5 57.7
103 53.5 43.1 64.7





#71

Bromoform

Concen: 55.815 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

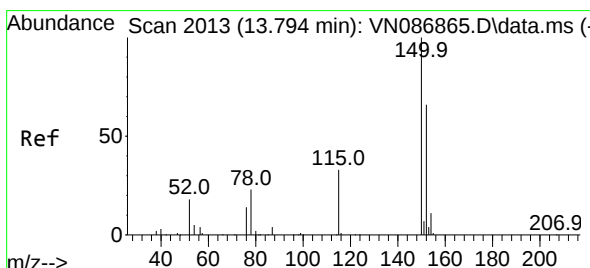
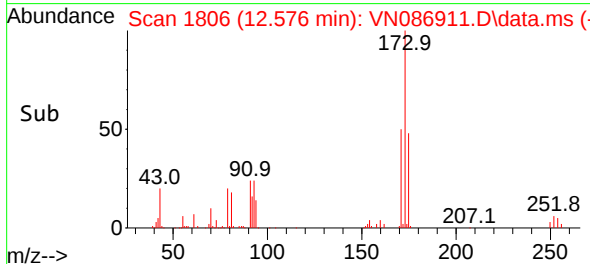
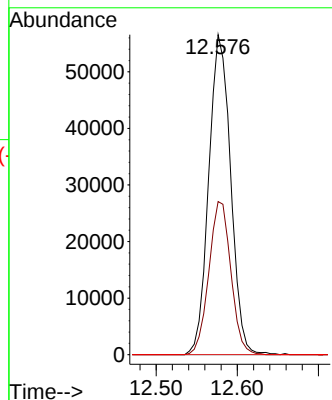
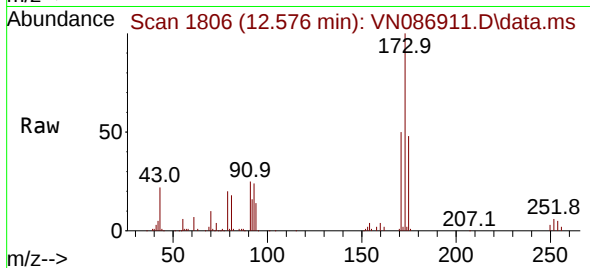
Tgt Ion:173 Resp: 106042

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

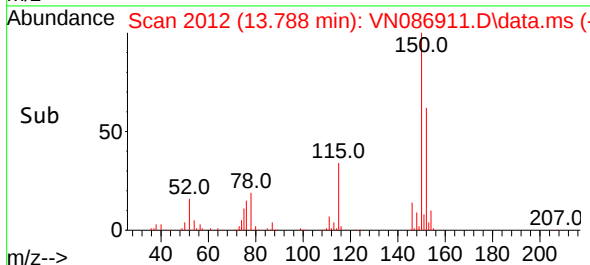
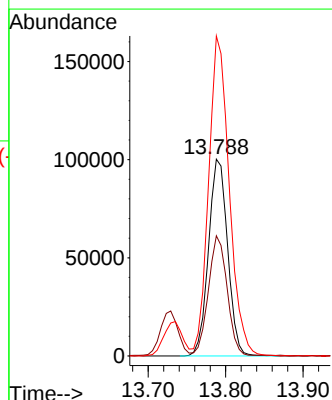
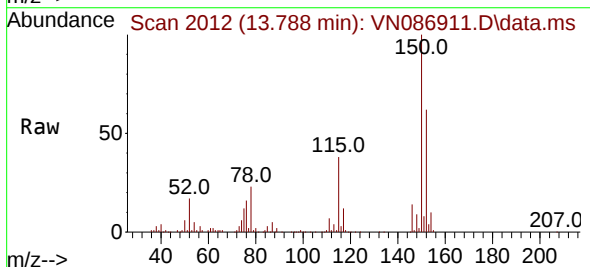
Tgt Ion:152 Resp: 171846

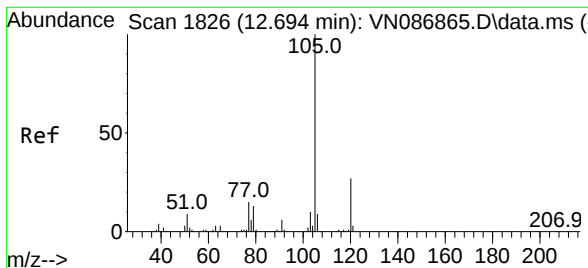
Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.5

150 175.6 0.0 345.0





#73

Isopropylbenzene

Concen: 49.532 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

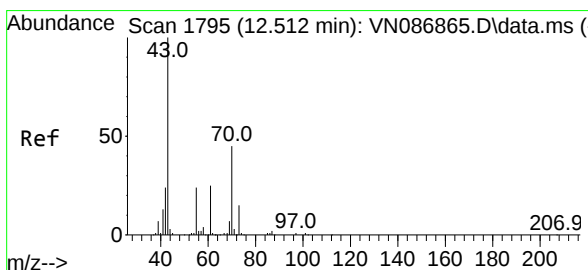
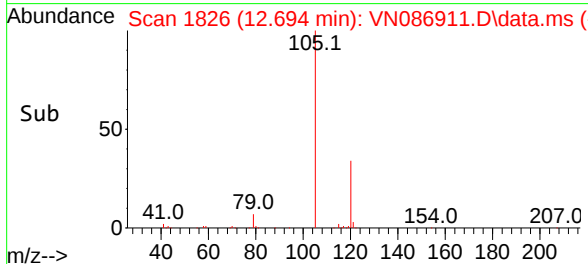
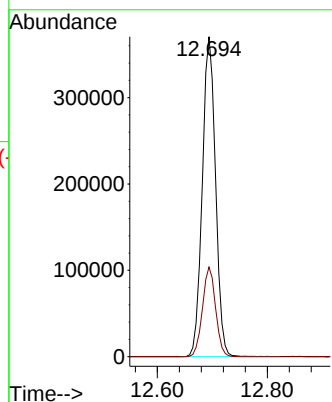
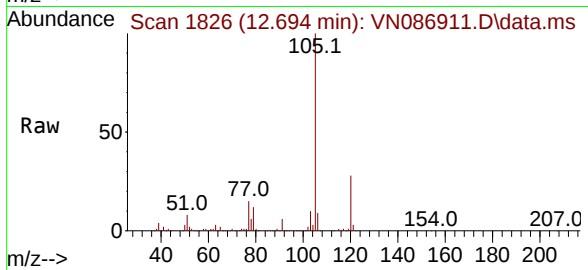
VSTDCCC050EC

Tgt Ion:105 Resp: 620099

Ion Ratio Lower Upper

105 100

120 27.6 13.5 40.4



#74

N-ethyl acetate

Concen: 57.797 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Tgt Ion: 43 Resp: 252846

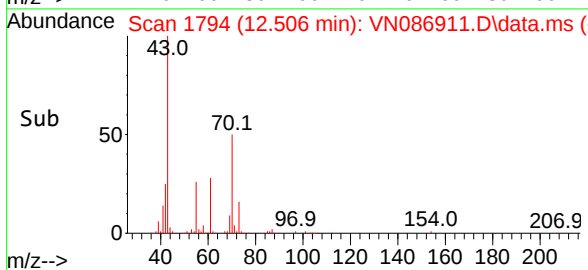
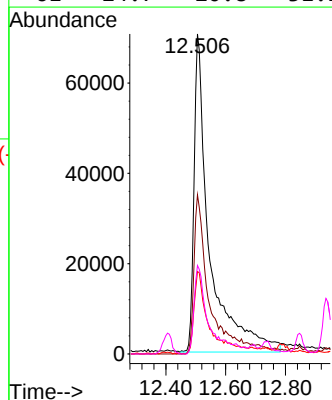
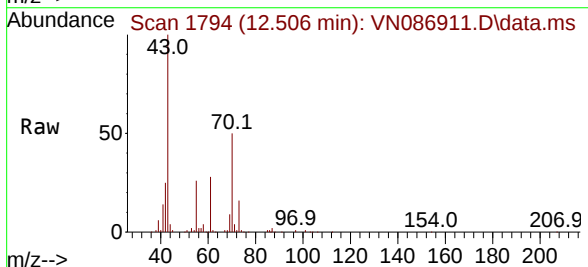
Ion Ratio Lower Upper

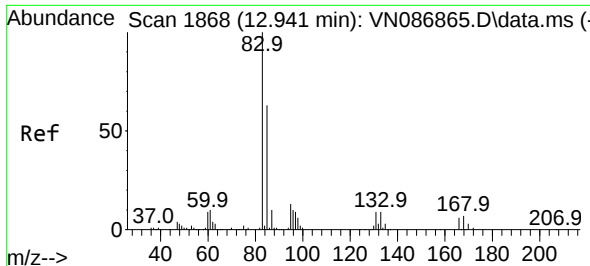
43 100

70 48.9 37.6 56.4

55 25.0 19.0 28.6

61 24.7 20.8 31.2

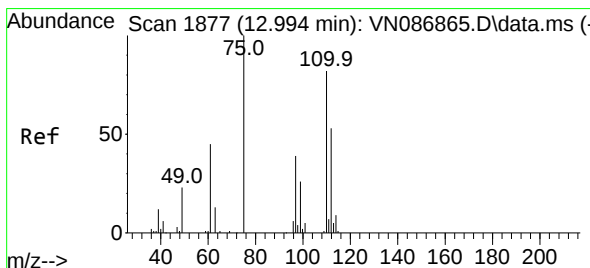
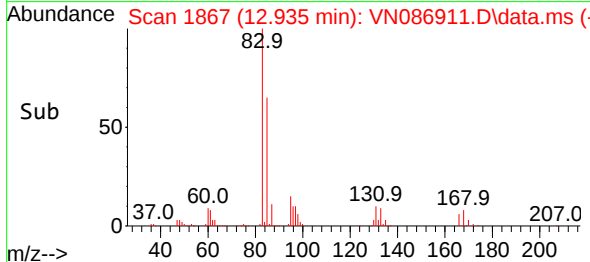
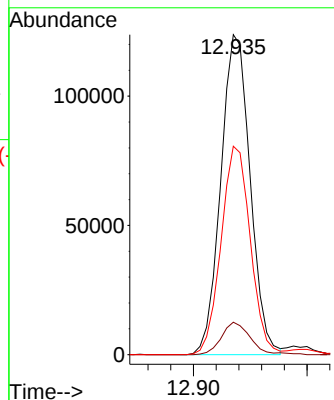
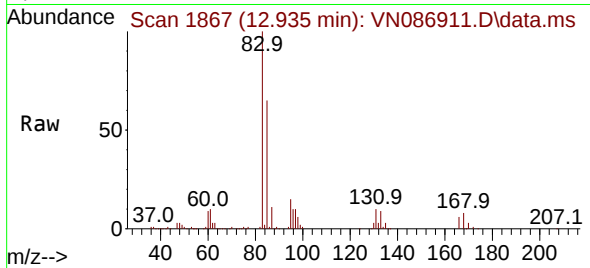




#75
1,1,2-Tetrachloroethane
Concen: 52.379 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

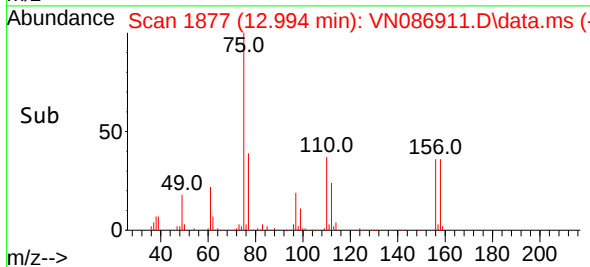
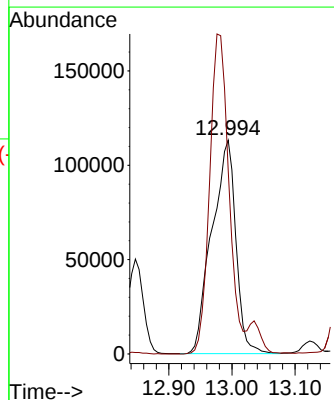
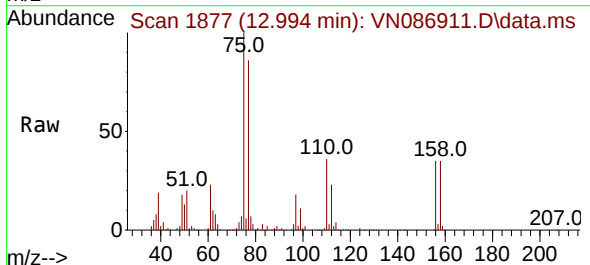
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

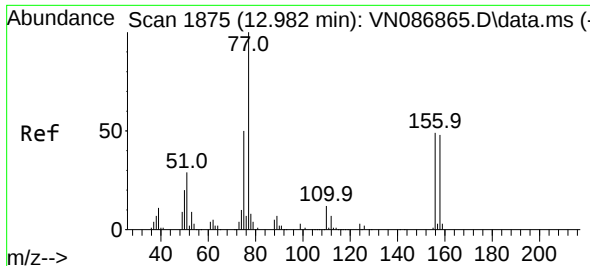
Tgt Ion: 83 Resp: 222152
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 65.1 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 72.970 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 75 Resp: 298072
Ion Ratio Lower Upper
75 100
77 119.8 79.3 237.9

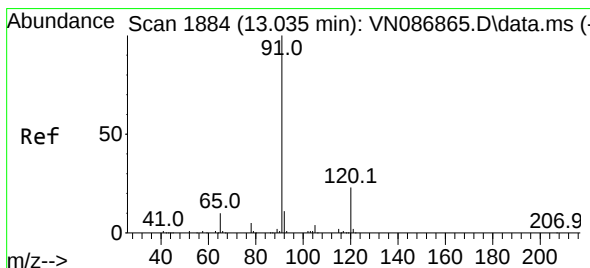
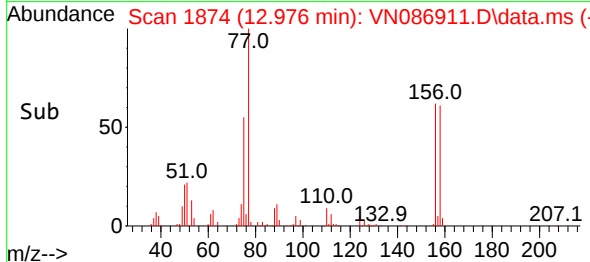
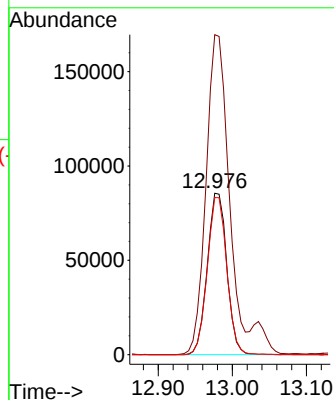
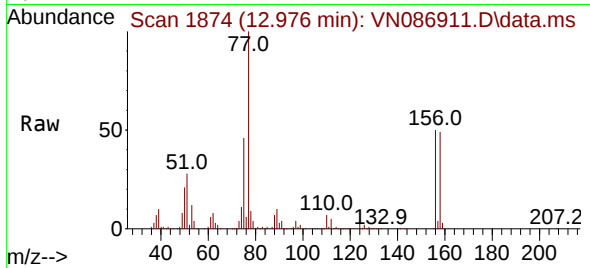




#77
Bromobenzene
Concen: 54.629 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

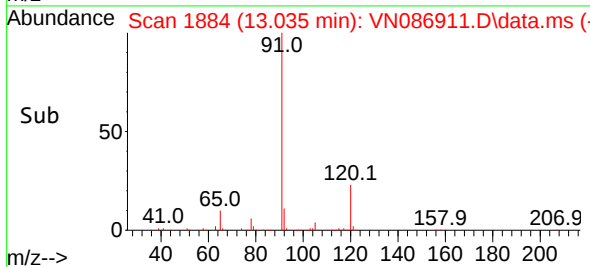
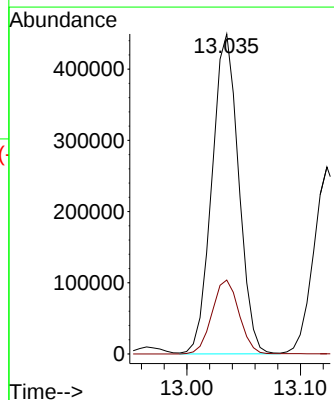
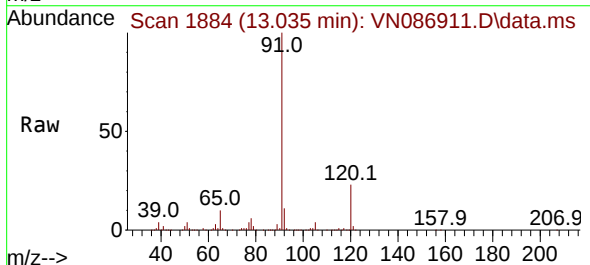
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

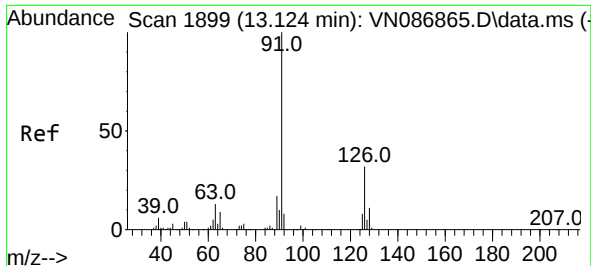
Tgt Ion:156 Resp: 156843
Ion Ratio Lower Upper
156 100
77 227.6 117.7 353.1
158 97.3 48.1 144.4



#78
n-propylbenzene
Concen: 48.282 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 91 Resp: 734563
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.2

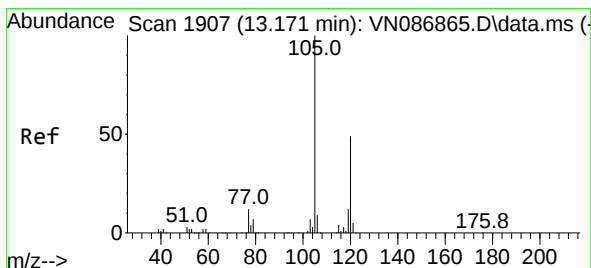
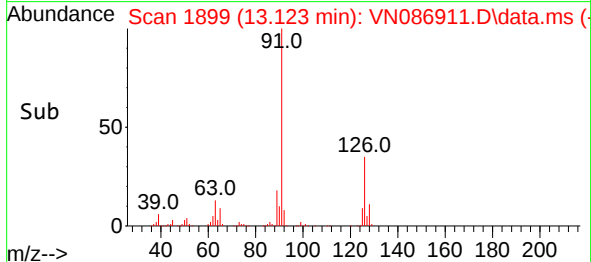
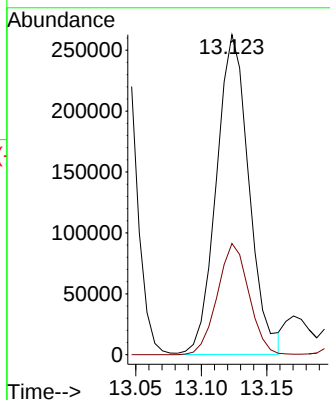
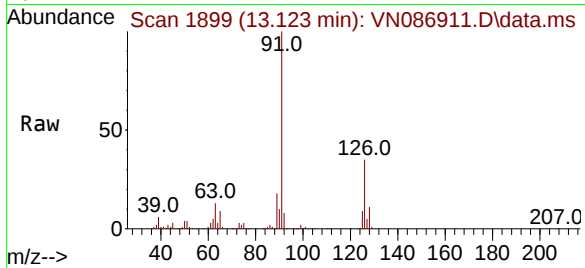




#79
2-Chlorotoluene
Concen: 49.742 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

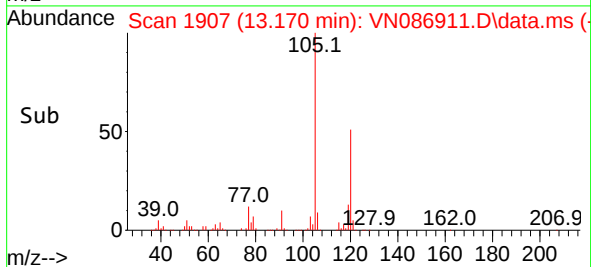
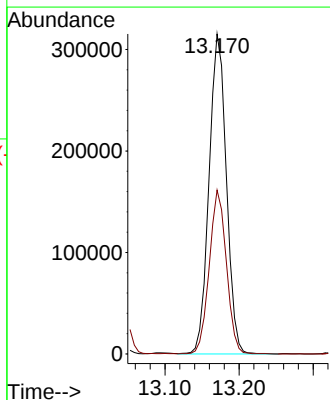
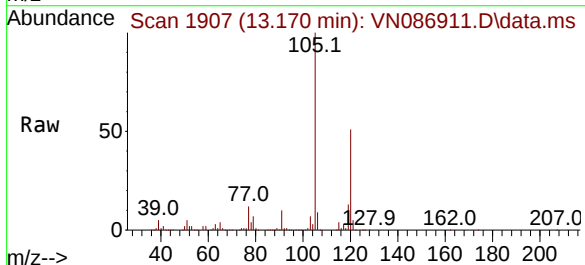
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

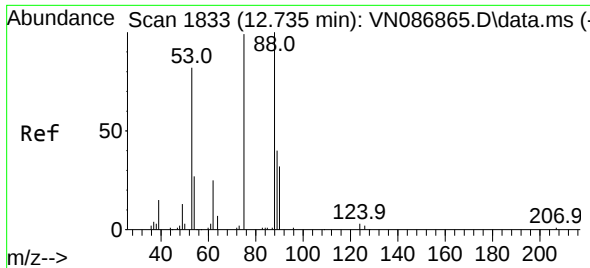
Tgt Ion: 91 Resp: 453845
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 49.531 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 105 Resp: 511955
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6

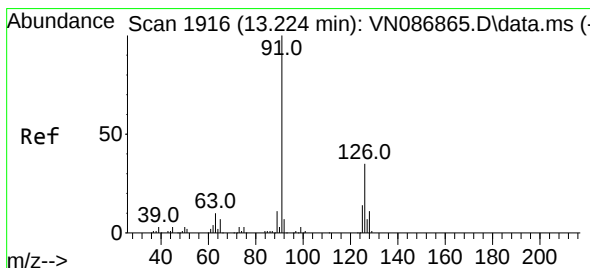
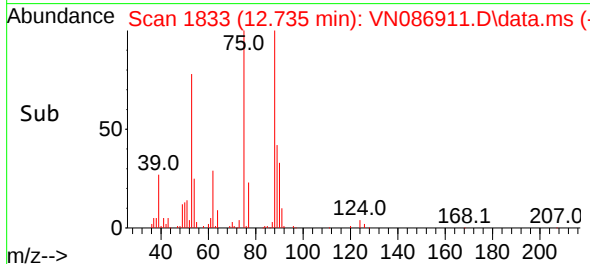
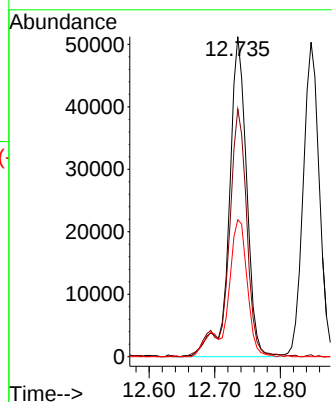
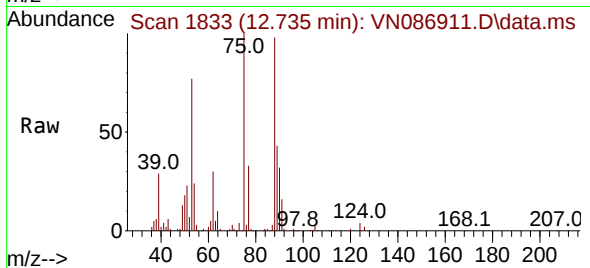




#81
trans-1,4-Dichloro-2-butene
Concen: 53.576 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

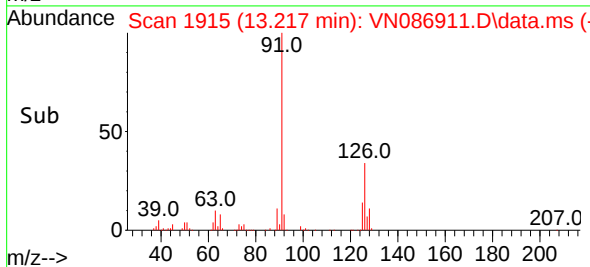
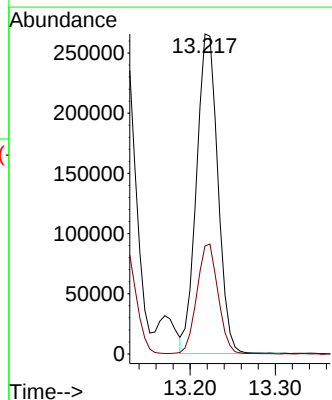
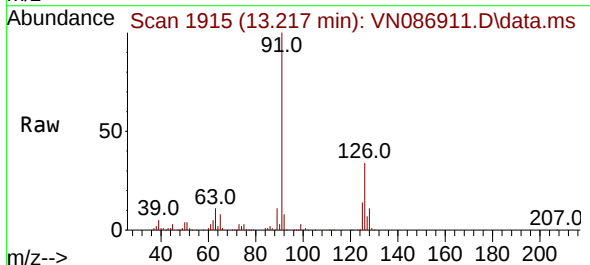
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

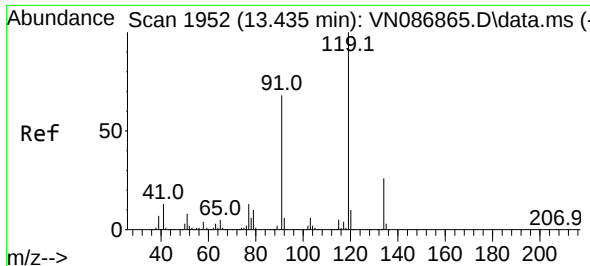
Tgt Ion: 75 Resp: 95072
Ion Ratio Lower Upper
75 100
53 73.8 66.6 99.8
89 42.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 50.037 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 91 Resp: 461943
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1

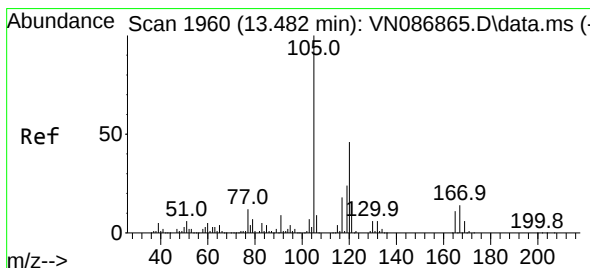
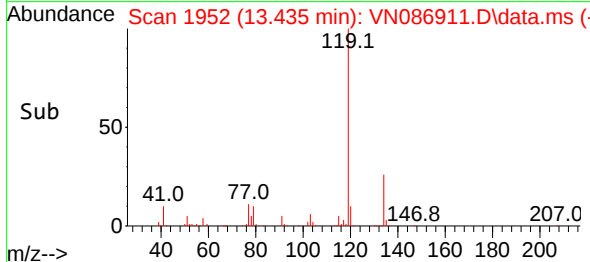
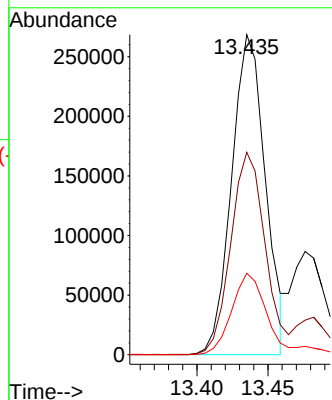
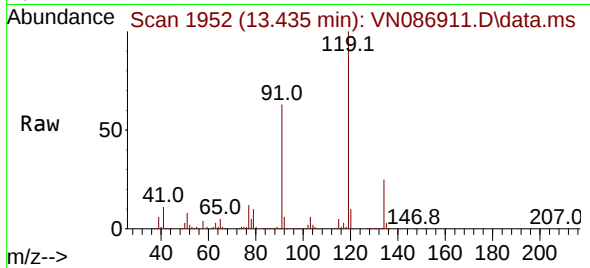




#83
 tert-Butylbenzene
 Concen: 46.828 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

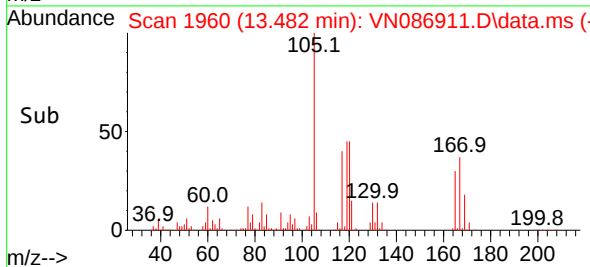
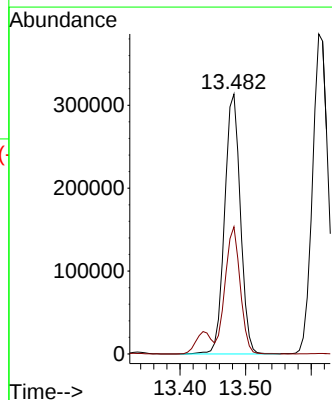
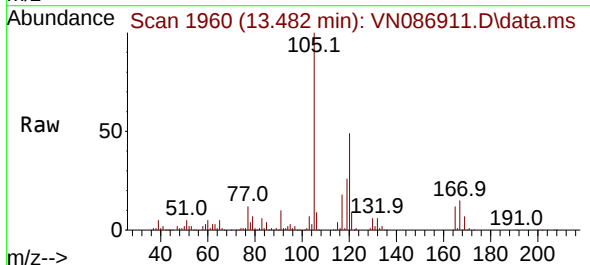
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

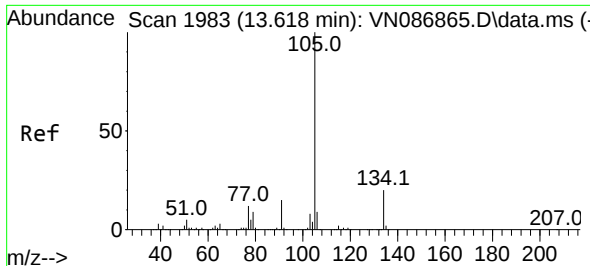
Tgt Ion:119 Resp: 443059
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.1 96.5
 134 27.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.201 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Tgt Ion:105 Resp: 520317
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6

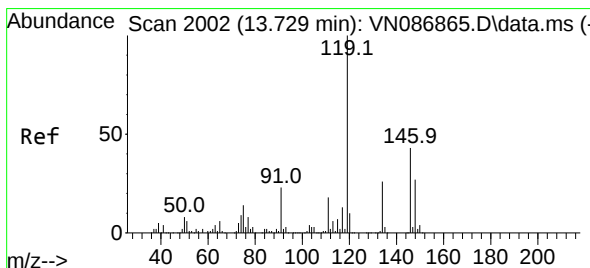
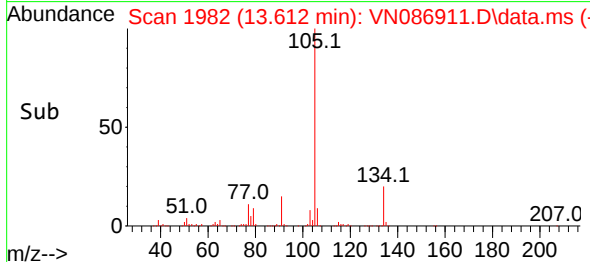
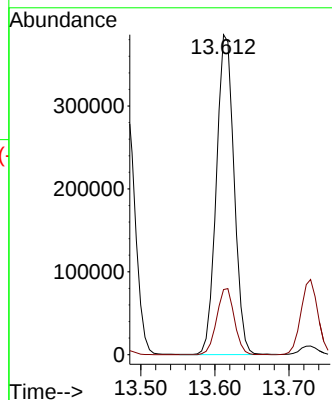
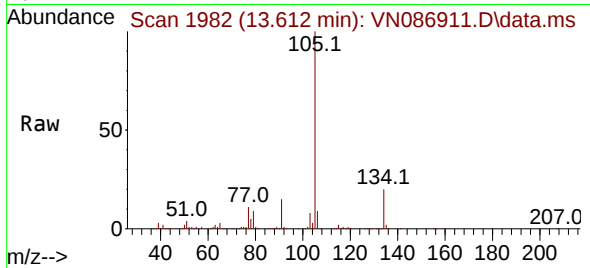




#85
 sec-Butylbenzene
 Concen: 46.581 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

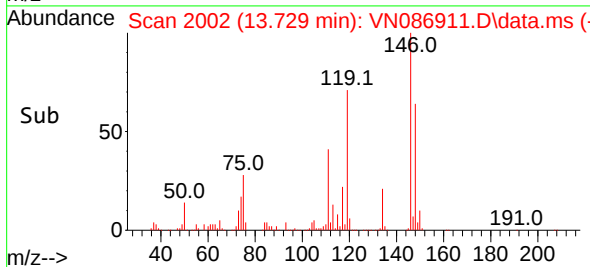
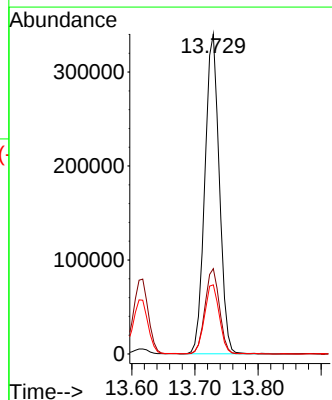
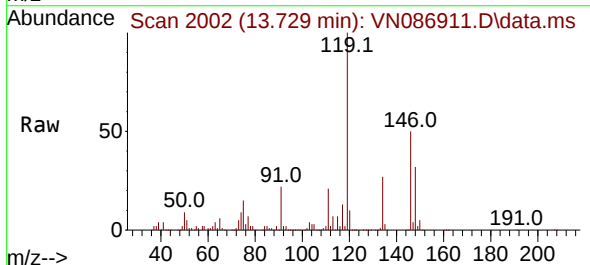
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

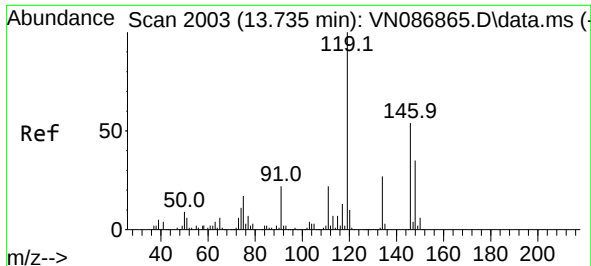
Tgt Ion:105 Resp: 640017
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 47.459 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086911.D
 Acq: 09 Jun 2025 17:17

Tgt Ion:119 Resp: 539030
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.0 11.5 34.4

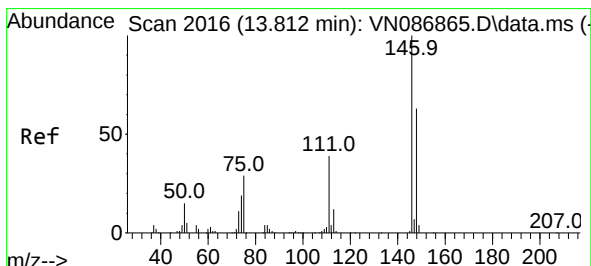
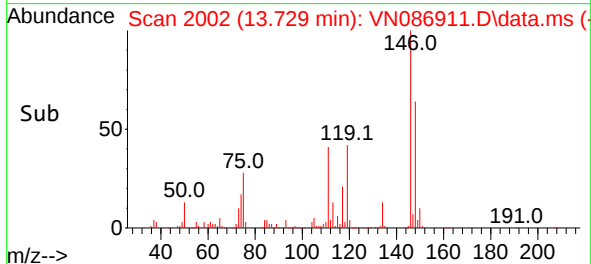
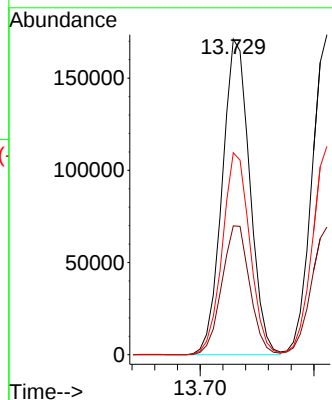
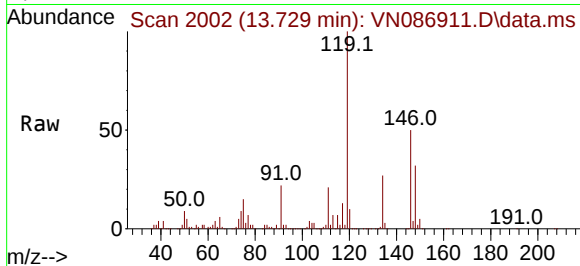




#87
1,3-Dichlorobenzene
Concen: 51.035 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

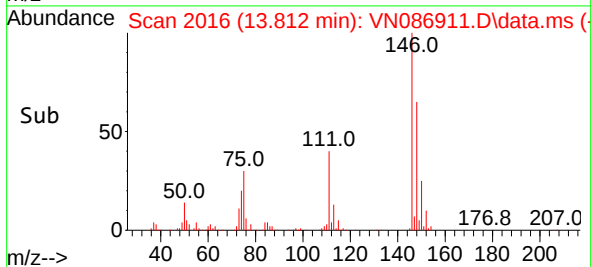
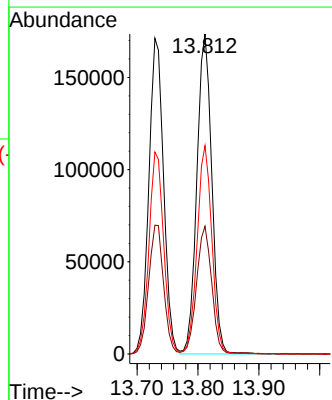
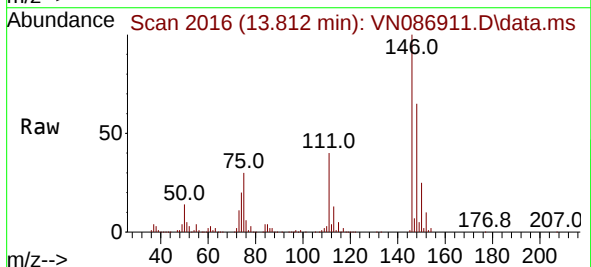
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

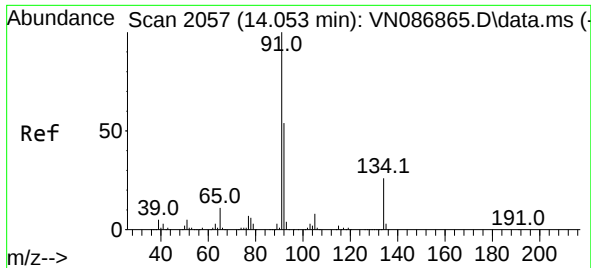
Tgt Ion:146 Resp: 288285
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.8
148 63.9 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 51.354 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:146 Resp: 295752
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 64.2 31.8 95.4

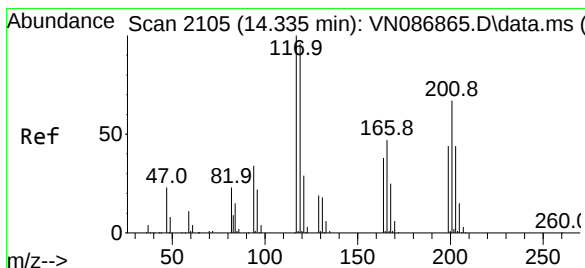
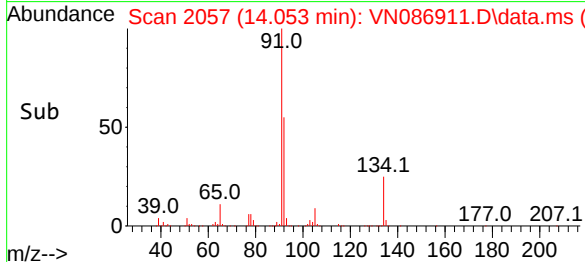
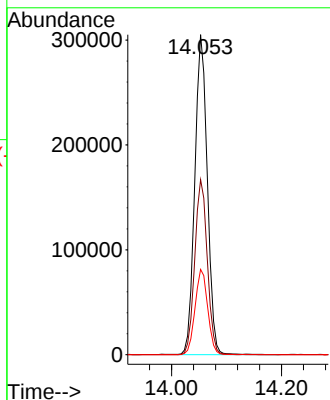
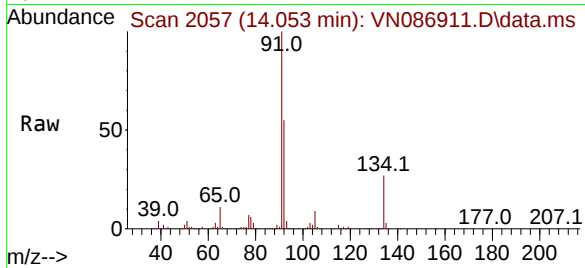




#89
n-Butylbenzene
Concen: 43.927 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

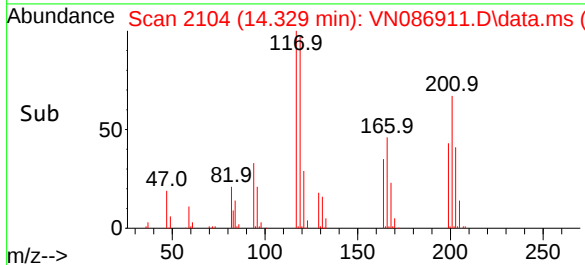
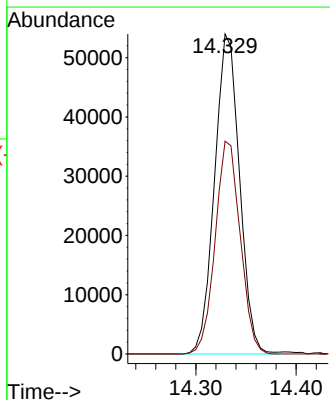
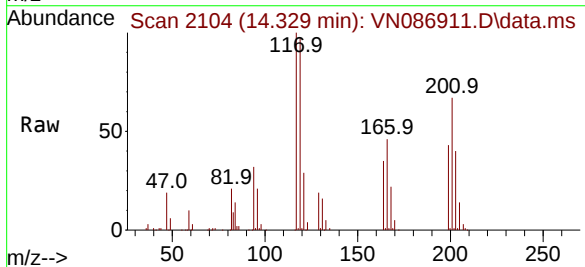
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

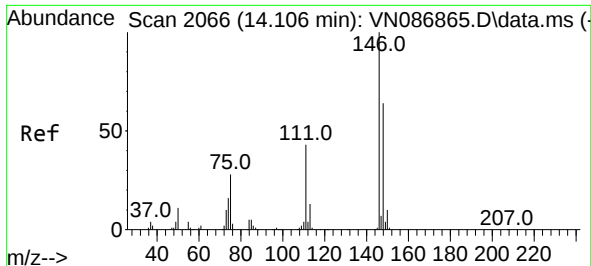
Tgt Ion: 91 Resp: 483251
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.4
134 26.9 13.0 39.0



#90
Hexachloroethane
Concen: 48.549 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 117 Resp: 93467
Ion Ratio Lower Upper
117 100
201 66.6 33.2 99.6

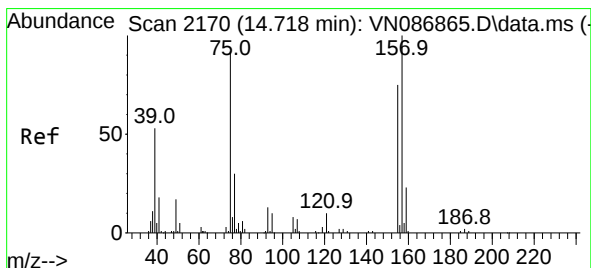
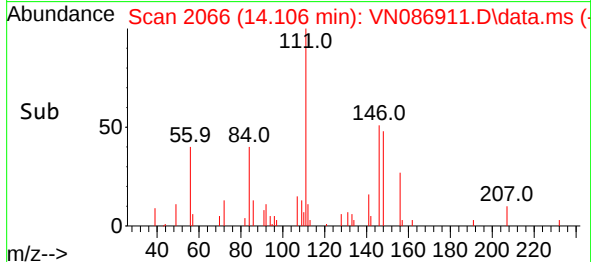
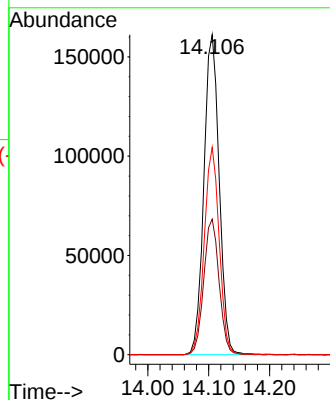
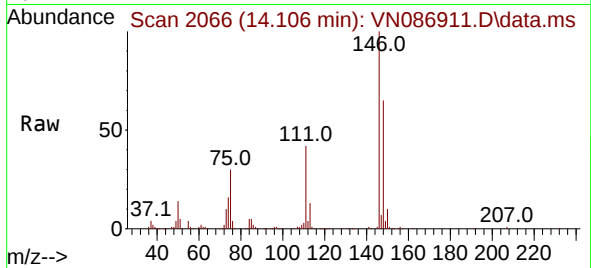




#91
1,2-Dichlorobenzene
Concen: 51.939 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

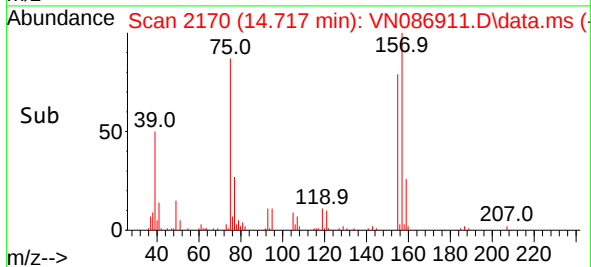
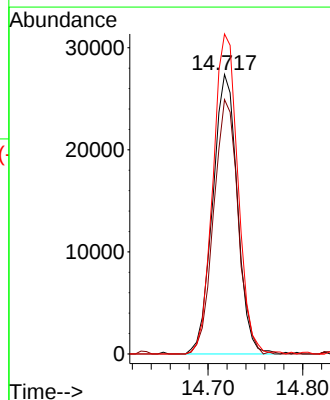
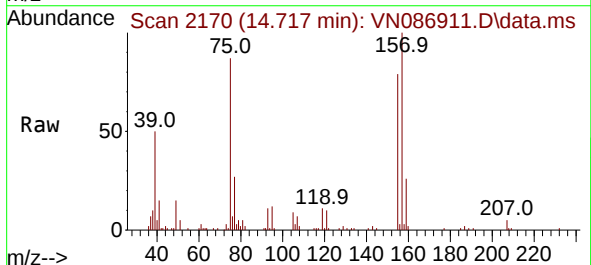
Instrument :
MSVOA_N
ClientSampleId :
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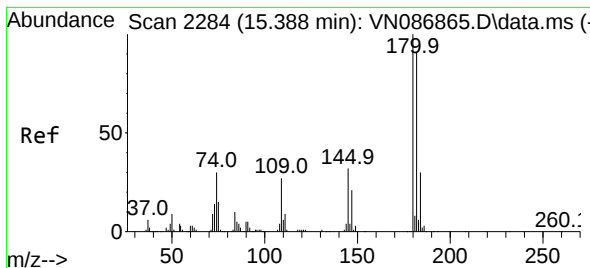
Tgt Ion:146 Resp: 281872
Ion Ratio Lower Upper
146 100
111 42.5 21.6 64.6
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.871 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion: 75 Resp: 49570
Ion Ratio Lower Upper
75 100
155 90.1 41.1 123.4
157 115.3 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 45.826 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

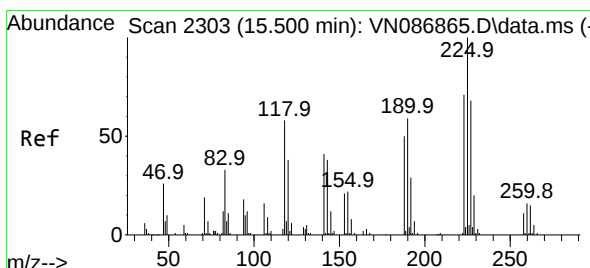
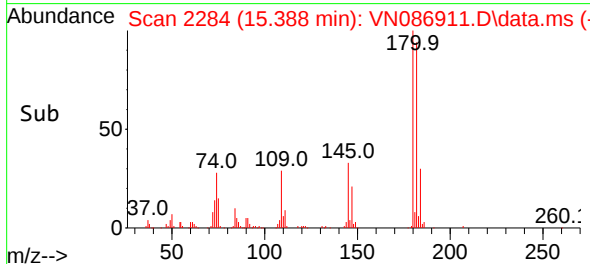
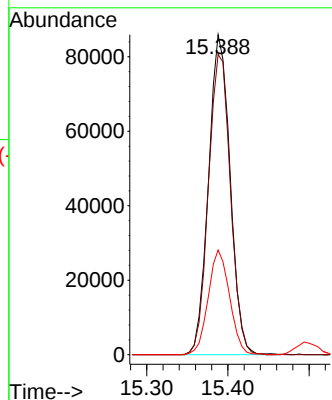
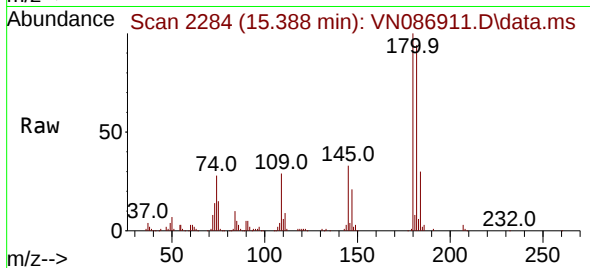
Tgt Ion:180 Resp: 158810

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.7

145 32.3 16.0 47.9



#94

Hexachlorobutadiene

Concen: 39.949 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086911.D

Acq: 09 Jun 2025 17:17

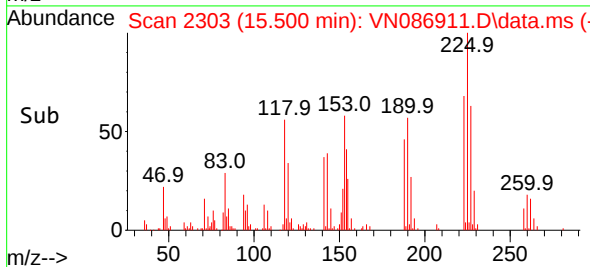
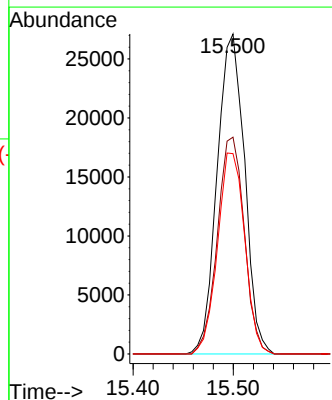
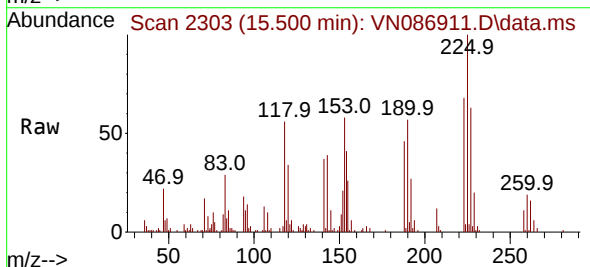
Tgt Ion:225 Resp: 51579

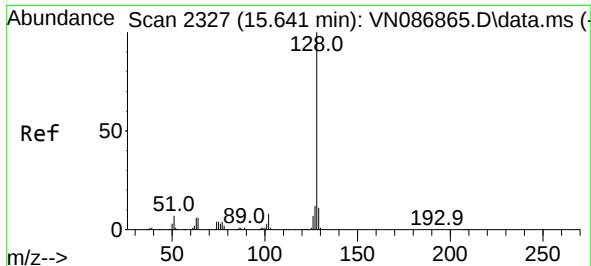
Ion Ratio Lower Upper

225 100

223 66.3 33.5 100.4

227 62.2 31.1 93.5

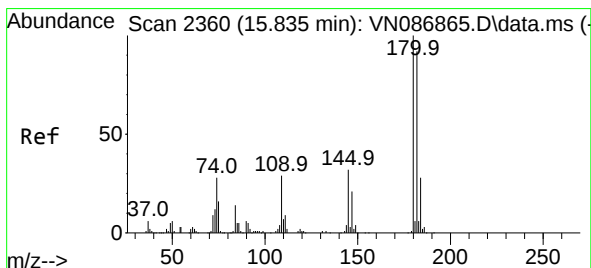
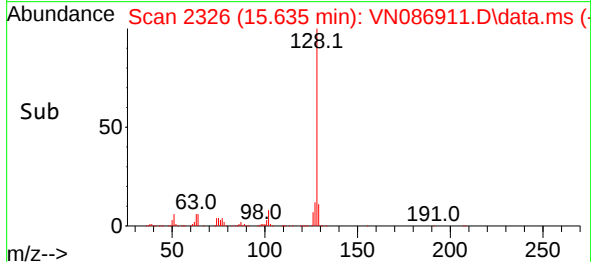
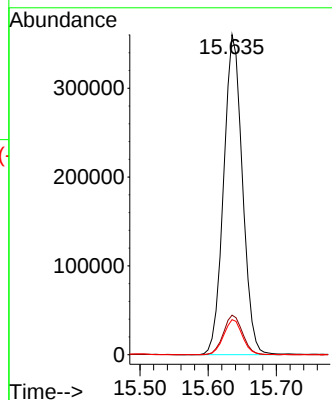
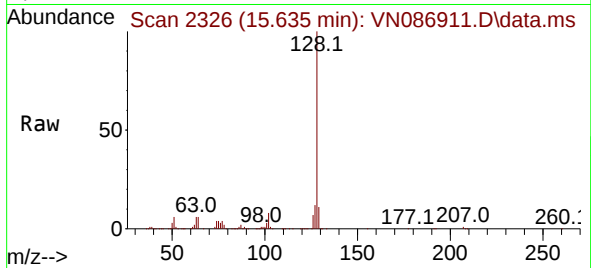




#95
Naphthalene
Concen: 53.593 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 691305
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.434 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086911.D
Acq: 09 Jun 2025 17:17

Tgt Ion:180 Resp: 152993
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 33.9 16.6 49.8

