

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088471.D
 Acq On : 09 Dec 2025 10:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 05:02:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	234210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	421047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	382607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	183020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	221221	50.140	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.280%	
35) Dibromofluoromethane	8.141	113	143723	49.257	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.520%	
50) Toluene-d8	10.541	98	522876	48.162	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.823	95	180305	48.403	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.800%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	179894	51.137	ug/l	100
3) Chloromethane	2.383	50	183160	48.478	ug/l	99
4) Vinyl Chloride	2.542	62	183972	47.863	ug/l	100
5) Bromomethane	2.983	94	87643	47.376	ug/l	97
6) Chloroethane	3.142	64	122365	51.443	ug/l	98
7) Trichlorofluoromethane	3.512	101	287170	53.158	ug/l	99
8) Diethyl Ether	3.965	74	104488	51.532	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	149437	51.961	ug/l	97
10) Methyl Iodide	4.589	142	115196	40.462	ug/l	96
11) Tert butyl alcohol	5.506	59	138783	197.020	ug/l	100
12) 1,1-Dichloroethene	4.342	96	141447	49.502	ug/l	89
13) Acrolein	4.171	56	159773	236.915	ug/l	95
14) Allyl chloride	5.018	41	267536	50.515	ug/l	99
15) Acrylonitrile	5.706	53	539983	265.693	ug/l	99
16) Acetone	4.418	43	321940	201.764	ug/l	97
17) Carbon Disulfide	4.706	76	442363	47.376	ug/l	100
18) Methyl Acetate	5.012	43	261166	54.986	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	593042	55.395	ug/l	98
20) Methylene Chloride	5.271	84	172448	50.514	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	163908	51.782	ug/l	100
22) Diisopropyl ether	6.653	45	641620	56.745	ug/l	96
23) Vinyl Acetate	6.583	43	2859591	313.900	ug/l	98
24) 1,1-Dichloroethane	6.553	63	344995	53.879	ug/l	99
25) 2-Butanone	7.465	43	614523	239.565	ug/l	96
26) 2,2-Dichloropropane	7.465	77	303973	54.998	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	192264	52.265	ug/l	96
28) Bromochloromethane	7.788	49	161186	50.532	ug/l	95
29) Tetrahydrofuran	7.824	42	507662	275.916	ug/l	98
30) Chloroform	7.947	83	348942	55.460	ug/l	96
31) Cyclohexane	8.235	56	296877	51.163	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	299400	54.120	ug/l	98
36) 1,1-Dichloropropene	8.347	75	232313	51.589	ug/l	99
37) Ethyl Acetate	7.541	43	317824	53.676	ug/l	98
38) Carbon Tetrachloride	8.341	117	251853	56.182	ug/l	95
39) Methylcyclohexane	9.577	83	234542	48.693	ug/l	91
40) Benzene	8.582	78	705994	53.416	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	171374	58.436	ug/l	94
42) 1,2-Dichloroethane	8.647	62	294617	58.426	ug/l	99
43) Isopropyl Acetate	8.665	43	490517	54.220	ug/l	100
44) Trichloroethene	9.329	130	153586	49.180	ug/l	100
45) 1,2-Dichloropropane	9.594	63	188336	55.618	ug/l	92
46) Dibromomethane	9.688	93	132205	54.706	ug/l	98
47) Bromodichloromethane	9.865	83	277293	56.236	ug/l	98
48) Methyl methacrylate	9.659	41	236958	57.406	ug/l	95
49) 1,4-Dioxane	9.682	88	44092	839.945	ug/l #	96
51) 4-Methyl-2-Pentanone	10.418	43	1512815	283.701	ug/l	100
52) Toluene	10.606	92	424349	55.604	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	275655	54.463	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	299168	56.207	ug/l	95
55) 1,1,2-Trichloroethane	10.988	97	167021	56.566	ug/l	98
56) Ethyl methacrylate	10.853	69	275791	59.131	ug/l	98
57) 1,3-Dichloropropane	11.135	76	298731	56.082	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	769133	286.039	ug/l	99
59) 2-Hexanone	11.171	43	951304	283.194	ug/l	99
60) Dibromochloromethane	11.335	129	188964	56.139	ug/l	96
61) 1,2-Dibromoethane	11.441	107	164209	54.919	ug/l	99
64) Tetrachloroethene	11.076	164	131580	43.380	ug/l	98
65) Chlorobenzene	11.865	112	441099	51.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.929	131	156001	53.820	ug/l	98
67) Ethyl Benzene	11.935	91	784196	52.208	ug/l	99
68) m/p-Xylenes	12.047	106	589581	105.865	ug/l	97
69) o-Xylene	12.370	106	276005	51.984	ug/l	99
70) Styrene	12.388	104	484073	56.150	ug/l	99
71) Bromoform	12.553	173	116966	55.094	ug/l #	98
73) Isopropylbenzene	12.670	105	722948	53.424	ug/l	98
74) N-amyl acetate	12.494	43	185699	40.295	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.912	83	243036	55.554	ug/l	98
76) 1,2,3-Trichloropropane	12.965	75	339003	79.083	ug/l	64
77) Bromobenzene	12.953	156	166897	53.903	ug/l	96
78) n-propylbenzene	13.006	91	870015	52.553	ug/l	99
79) 2-Chlorotoluene	13.100	91	522669	51.700	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	588385	52.472	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	86368	57.159	ug/l #	83
82) 4-Chlorotoluene	13.194	91	556077	55.380	ug/l	98
83) tert-Butylbenzene	13.412	119	470637	49.373	ug/l	96
84) 1,2,4-Trimethylbenzene	13.453	105	603464	54.144	ug/l	97
85) sec-Butylbenzene	13.588	105	682763	49.859	ug/l	100
86) p-Isopropyltoluene	13.700	119	562046	50.052	ug/l	98
87) 1,3-Dichlorobenzene	13.706	146	311675	51.711	ug/l	99
88) 1,4-Dichlorobenzene	13.782	146	314921	49.880	ug/l	98
89) n-Butylbenzene	14.029	91	516536	47.376	ug/l	100
90) Hexachloroethane	14.306	117	100854	49.165	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	299959	52.885	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	55204	52.009	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	154692	45.902	ug/l	97
94) Hexachlorobutadiene	15.470	225	51066	42.168	ug/l	97
95) Naphthalene	15.611	128	580009	49.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.806	180	154063	46.974	ug/l	98

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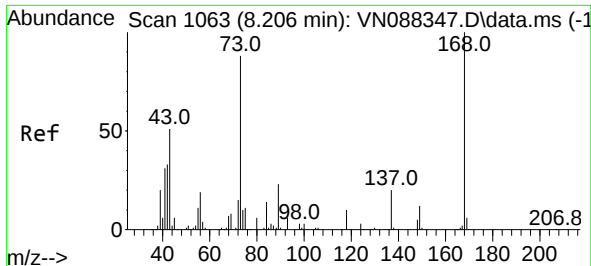
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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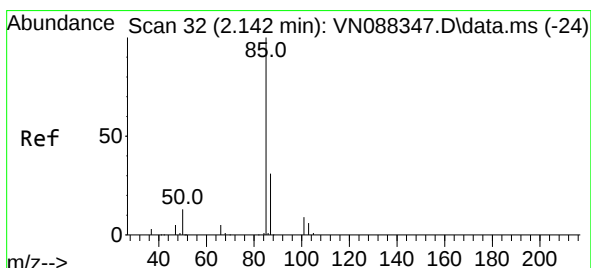
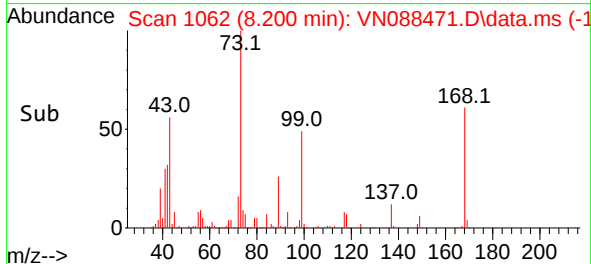
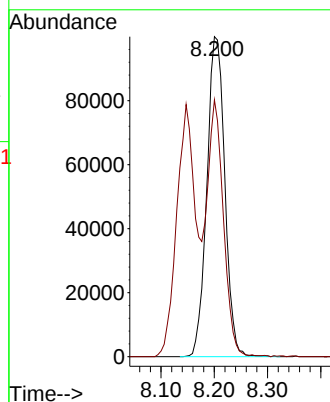
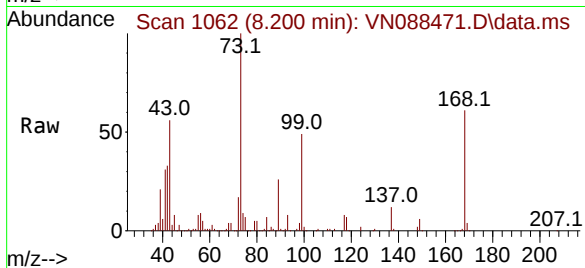




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088471.D
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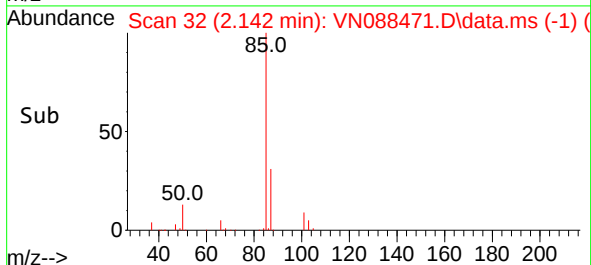
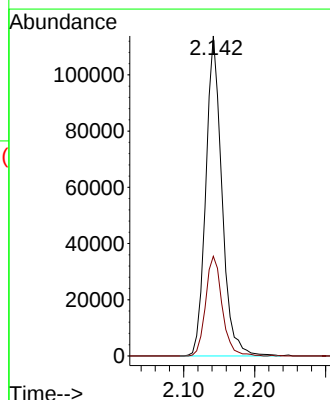
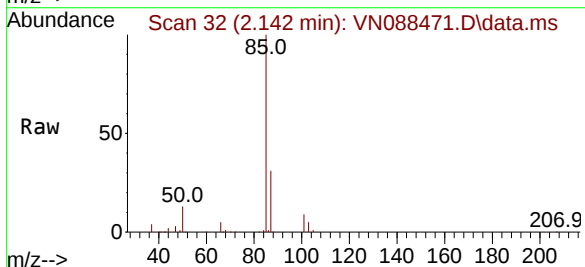
Instrument :
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VSTDCCC050

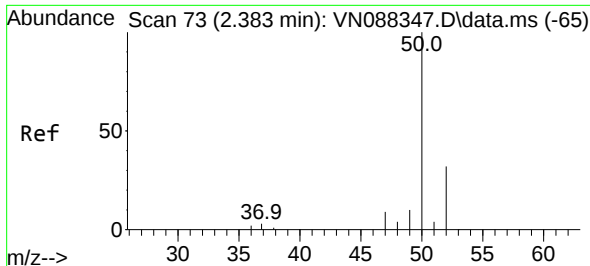
Tgt Ion:168 Resp: 234210
Ion Ratio Lower Upper
168 100
99 80.0 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 51.137 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 85 Resp: 179894
Ion Ratio Lower Upper
85 100
87 31.1 15.6 46.7

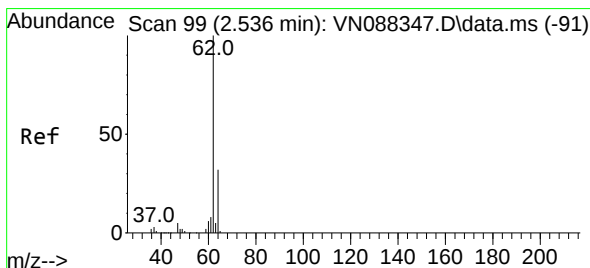
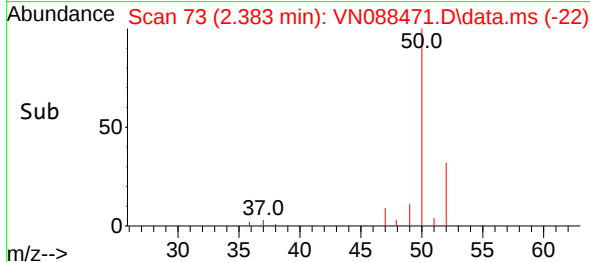
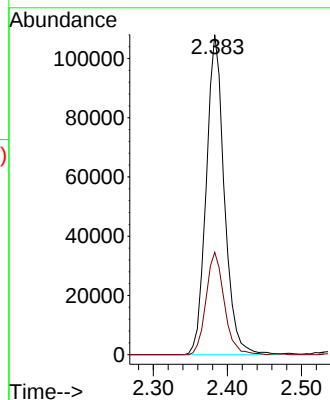
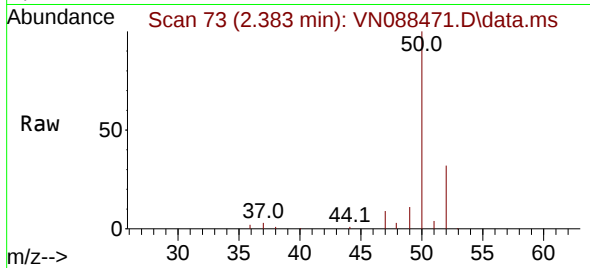




#3
Chloromethane
Concen: 48.478 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

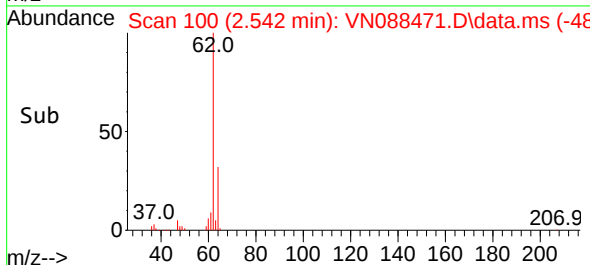
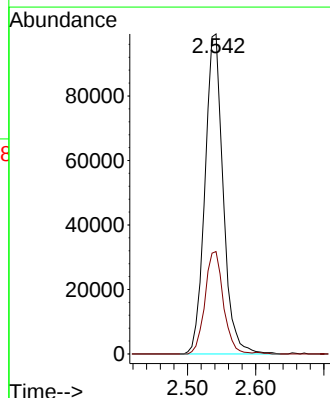
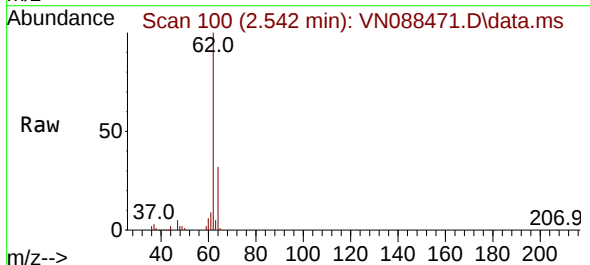
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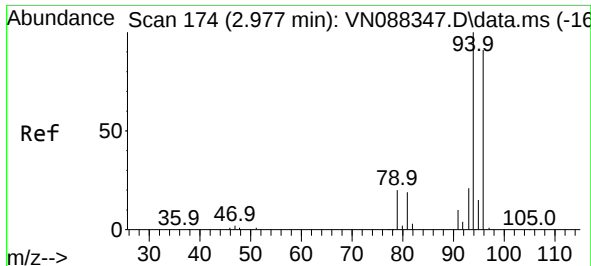
Tgt Ion: 50 Resp: 183160
Ion Ratio Lower Upper
50 100
52 32.0 25.2 37.8



#4
Vinyl Chloride
Concen: 47.863 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 62 Resp: 183972
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2

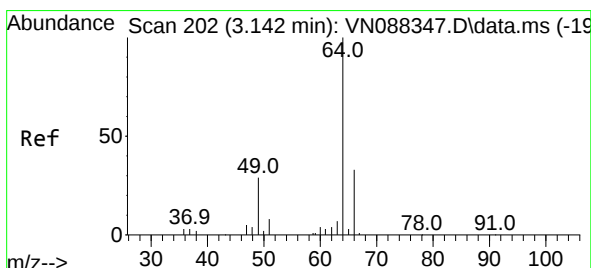
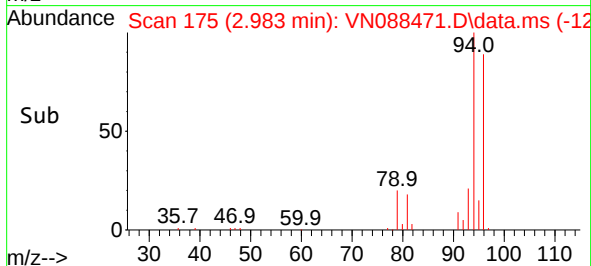
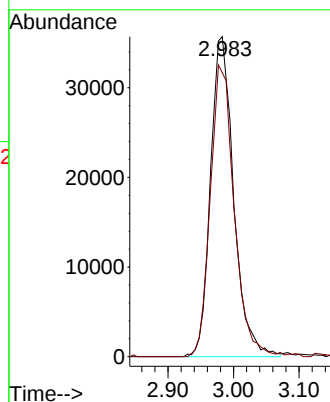
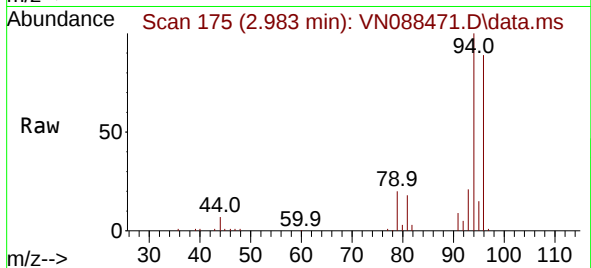




#5
Bromomethane
Concen: 47.376 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

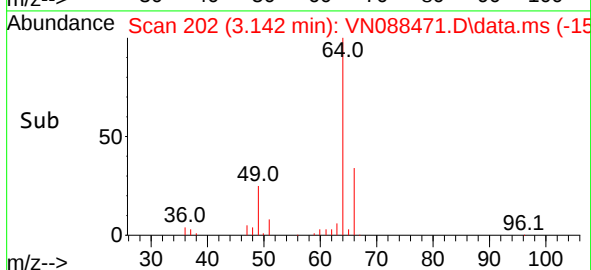
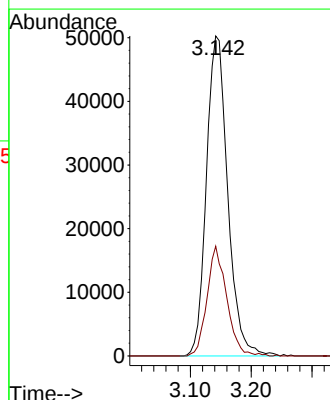
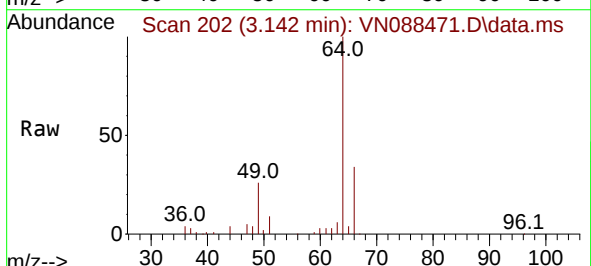
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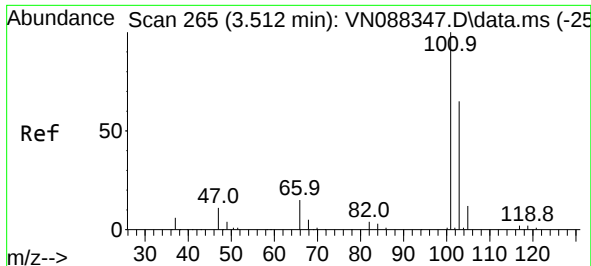
Tgt Ion: 94 Resp: 87643
Ion Ratio Lower Upper
94 100
96 88.8 73.2 109.8



#6
Chloroethane
Concen: 51.443 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 64 Resp: 122365
Ion Ratio Lower Upper
64 100
66 34.3 26.4 39.6

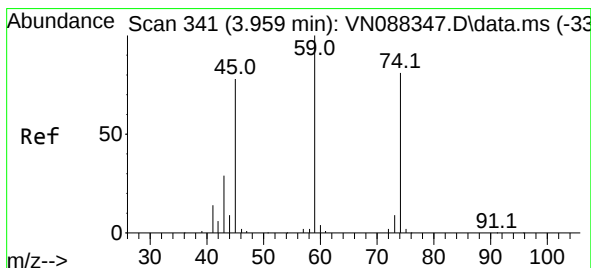
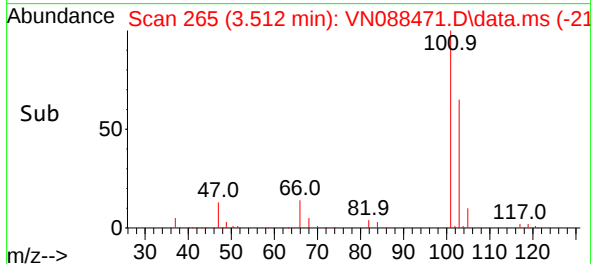
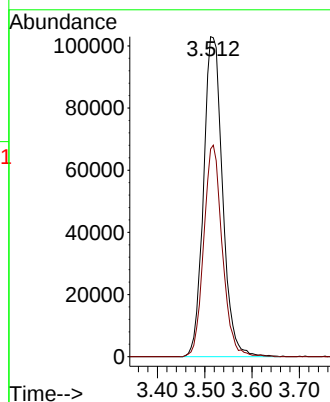
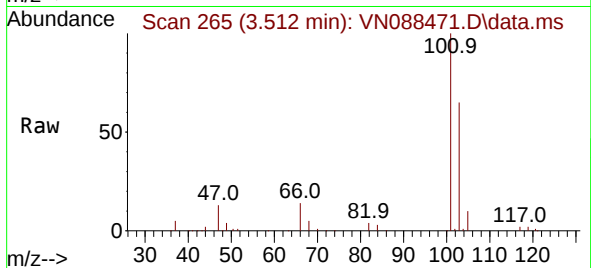




#7
 Trichlorofluoromethane
 Concen: 53.158 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088471.D
 Acq: 09 Dec 2025 10:47

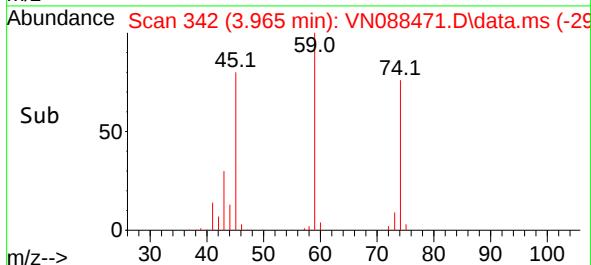
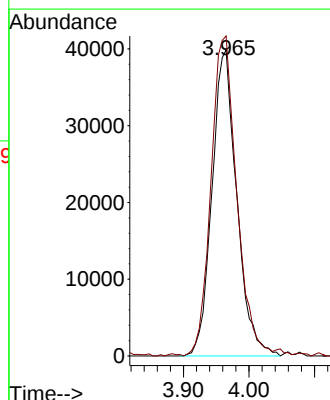
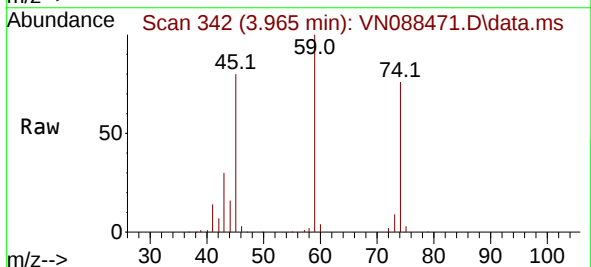
Instrument :
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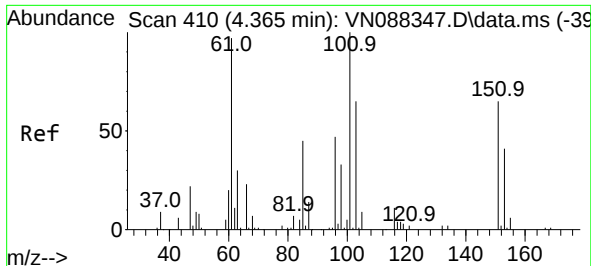
Tgt Ion:101 Resp: 287170
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 51.532 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088471.D
 Acq: 09 Dec 2025 10:47

Tgt Ion: 74 Resp: 104488
 Ion Ratio Lower Upper
 74 100
 45 109.3 54.2 162.6

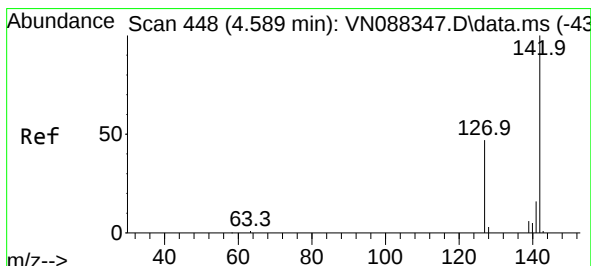
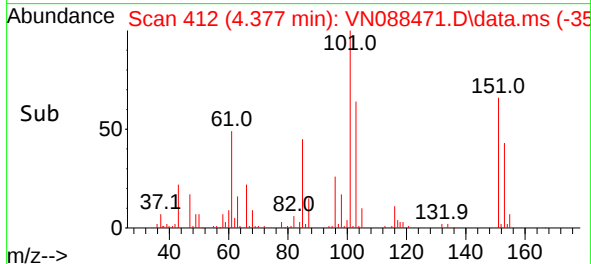
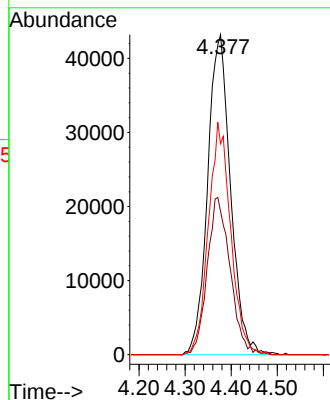
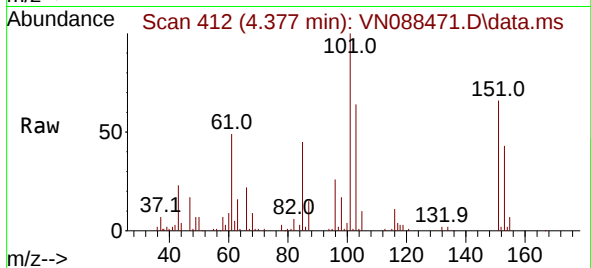




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.961 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

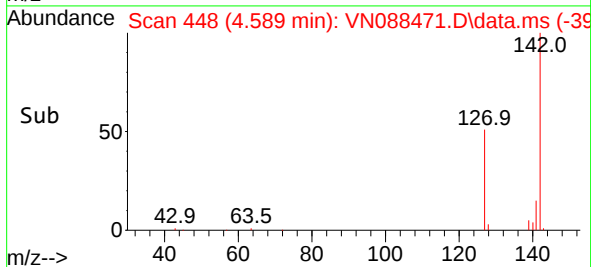
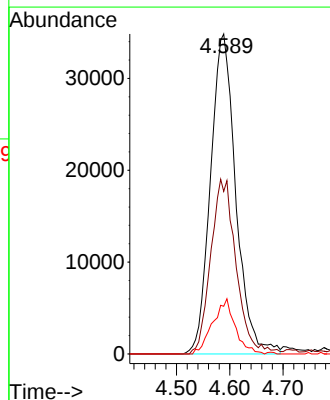
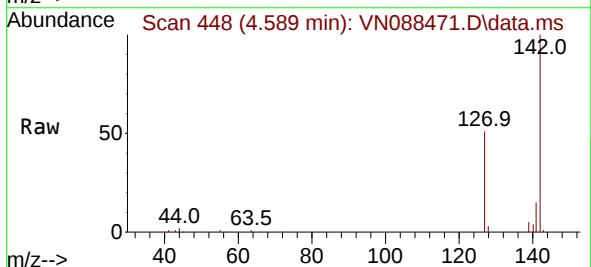
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

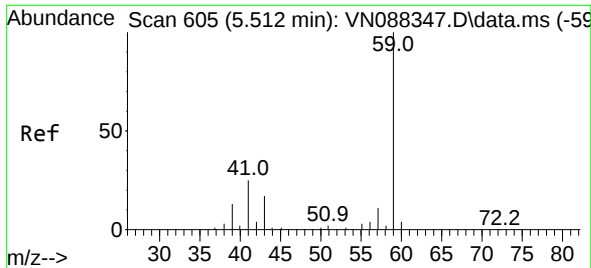
Tgt Ion:101 Resp: 149437
Ion Ratio Lower Upper
101 100
85 49.1 39.2 58.8
151 70.6 53.6 80.4



#10
Methyl Iodide
Concen: 40.462 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:142 Resp: 115196
Ion Ratio Lower Upper
142 100
127 50.8 37.9 56.9
141 14.9 12.4 18.6

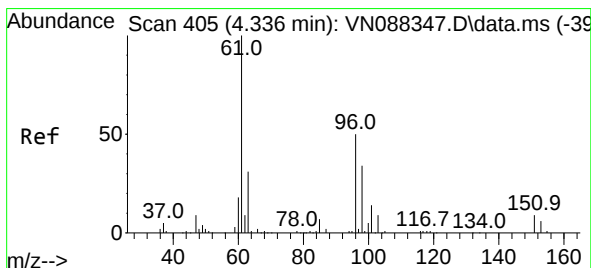
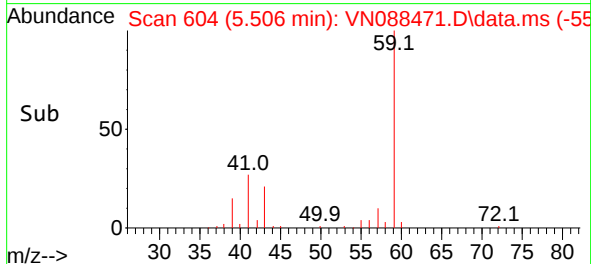
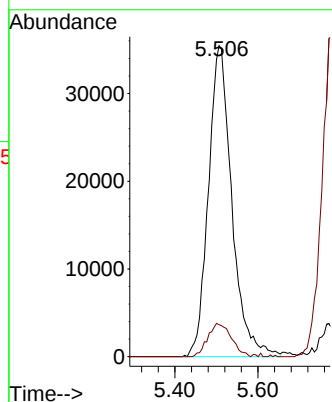
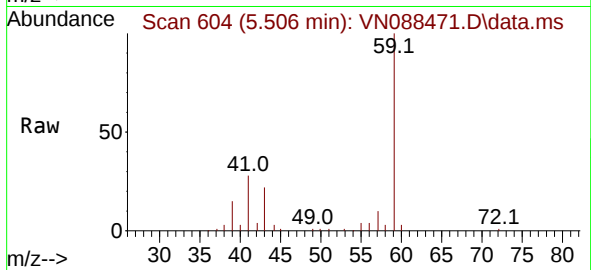




#11
Tert butyl alcohol
Concen: 197.020 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

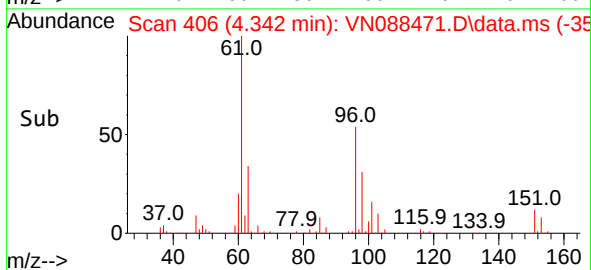
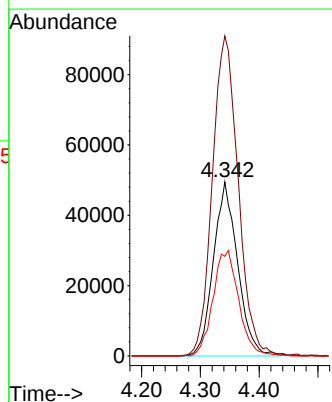
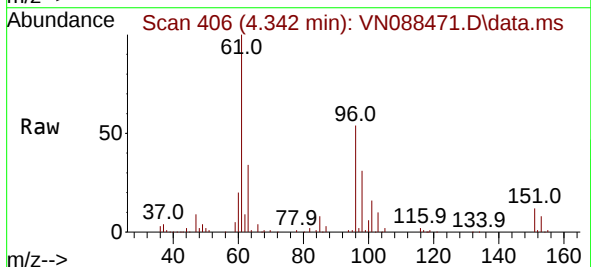
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

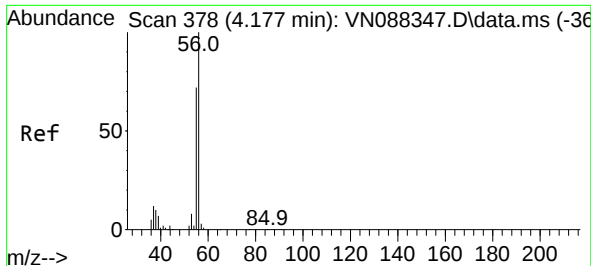
Tgt Ion: 59 Resp: 138783
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 49.502 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 96 Resp: 141447
Ion Ratio Lower Upper
96 100
61 183.8 159.1 238.7
98 57.3 53.7 80.5

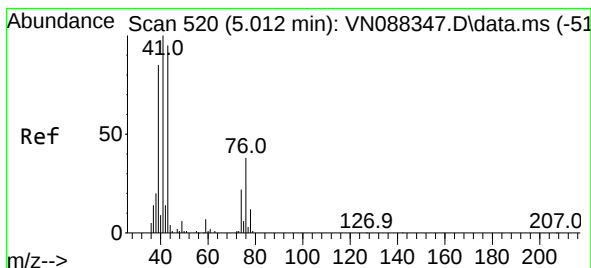
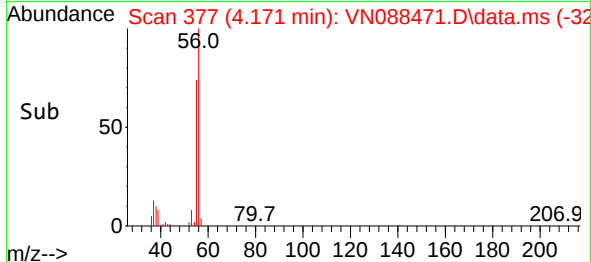
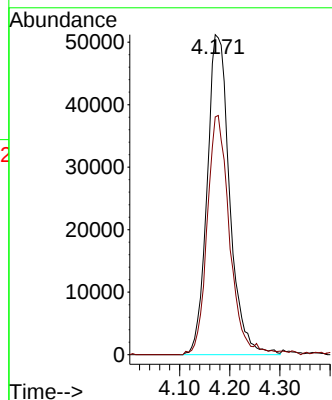
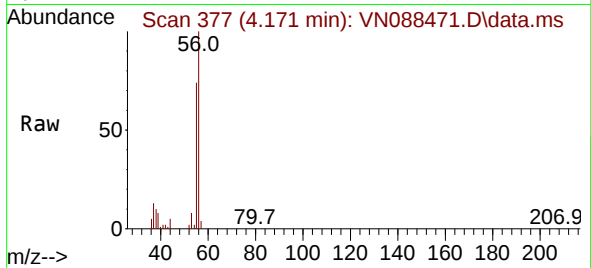




#13
Acrolein
Concen: 236.915 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

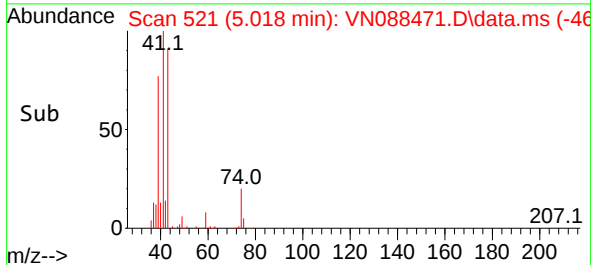
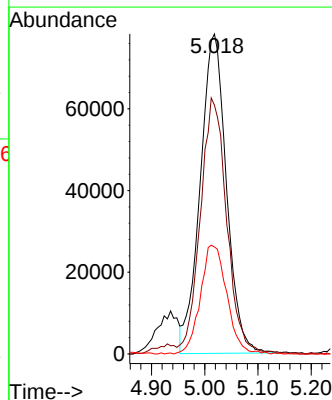
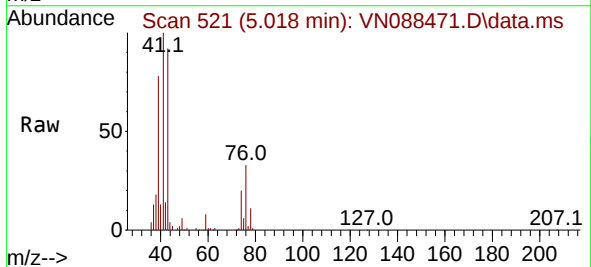
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 159773
Ion Ratio Lower Upper
56 100
55 74.1 56.3 84.5



#14
Allyl chloride
Concen: 50.515 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 41 Resp: 267536
Ion Ratio Lower Upper
41 100
39 80.7 64.7 97.1
76 34.4 29.1 43.7

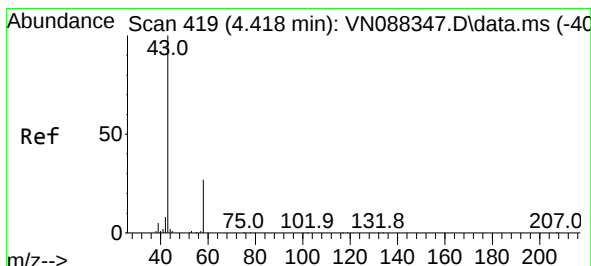
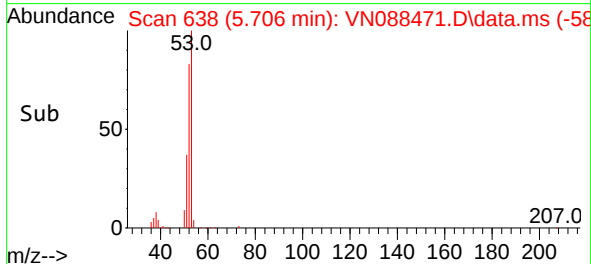
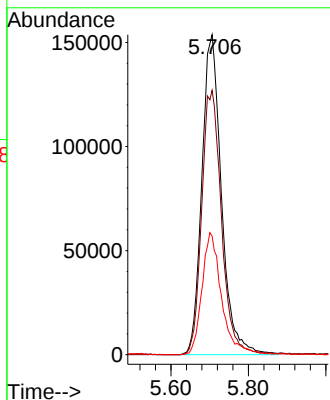
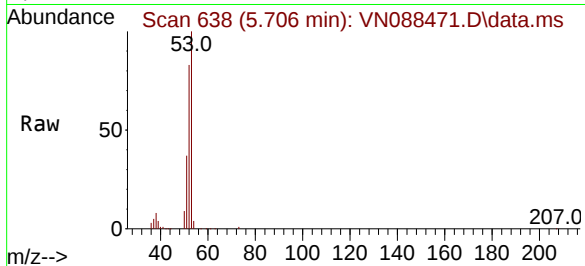




#15
Acrylonitrile
Concen: 265.693 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

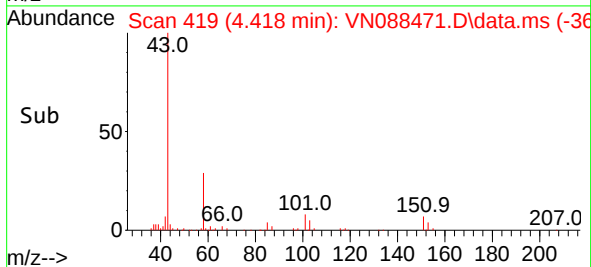
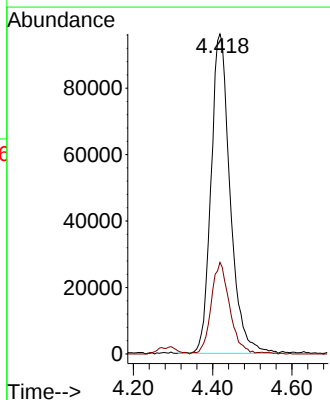
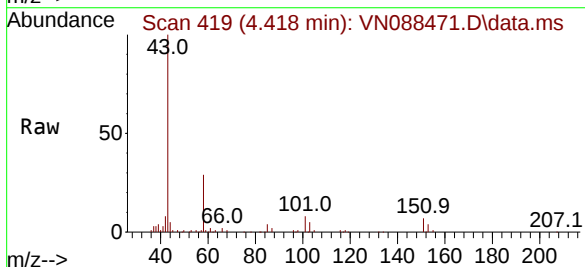
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

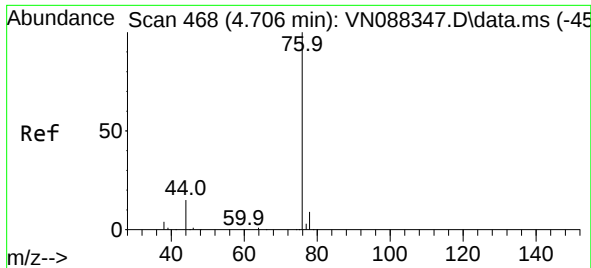
Tgt Ion: 53 Resp: 539983
Ion Ratio Lower Upper
53 100
52 83.4 67.8 101.6
51 38.1 29.8 44.8



#16
Acetone
Concen: 201.764 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 43 Resp: 321940
Ion Ratio Lower Upper
43 100
58 28.6 21.7 32.5

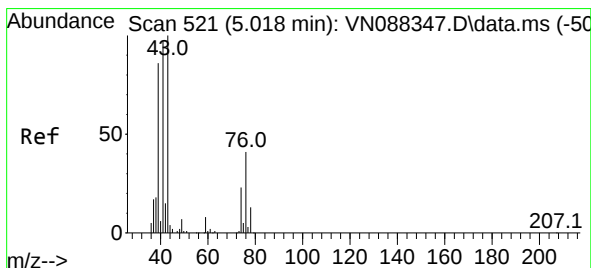
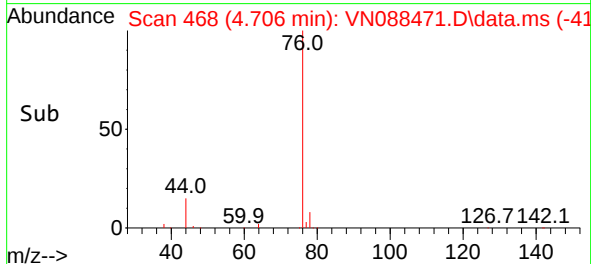
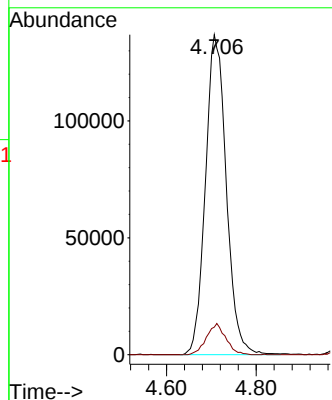
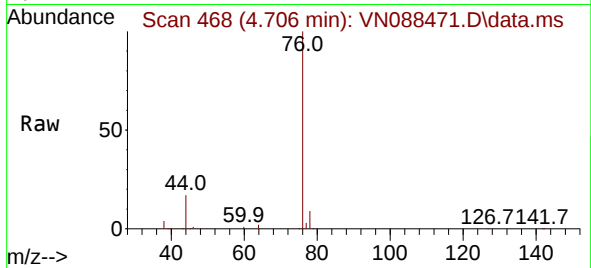




#17
Carbon Disulfide
Concen: 47.376 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

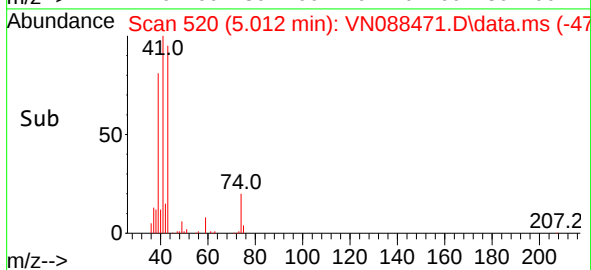
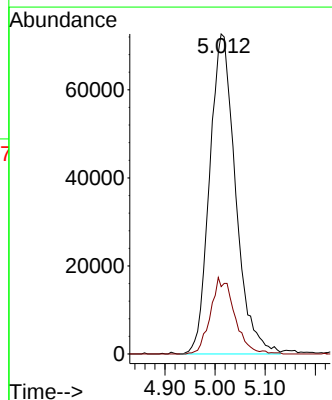
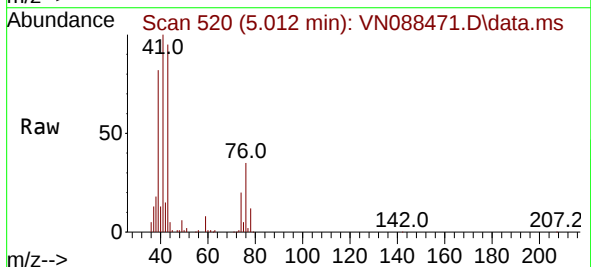
Instrument :
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ClientSampleId :
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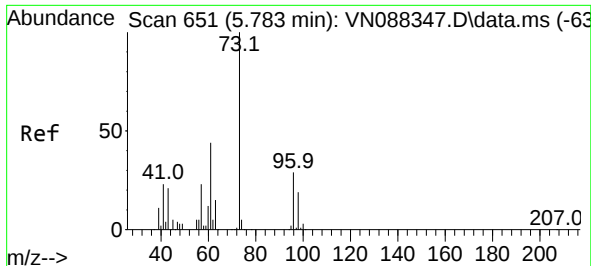
Tgt Ion: 76 Resp: 442363
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 54.986 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 43 Resp: 261166
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9

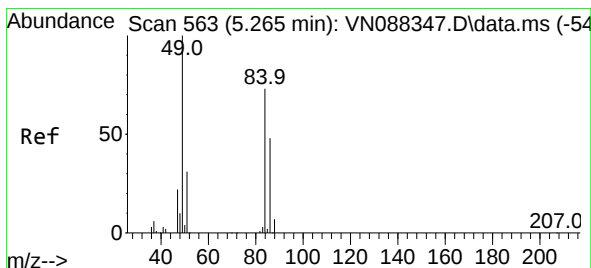
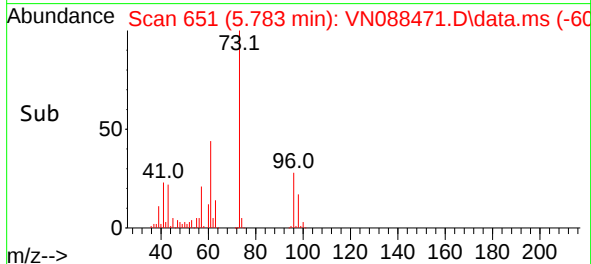
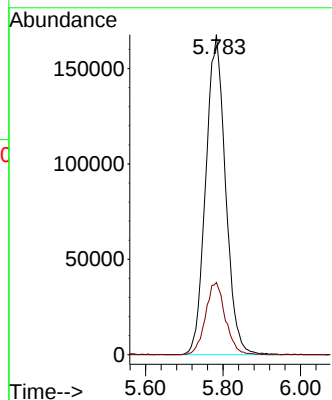
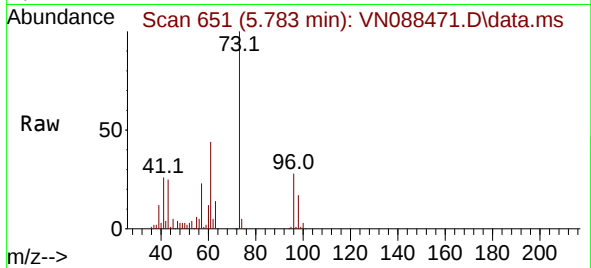




#19
Methyl tert-butyl Ether
Concen: 55.395 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

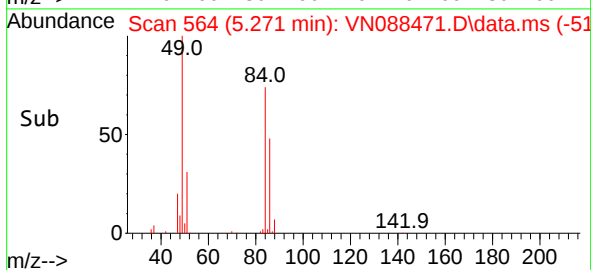
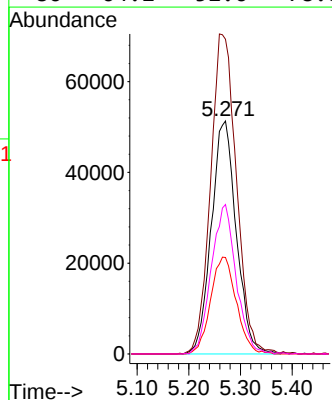
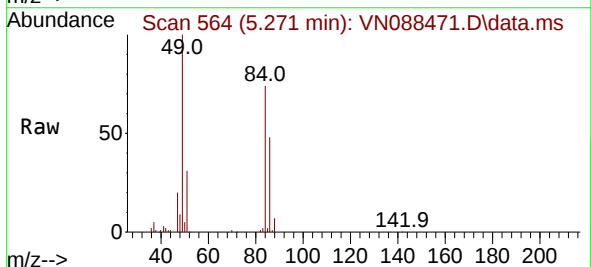
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

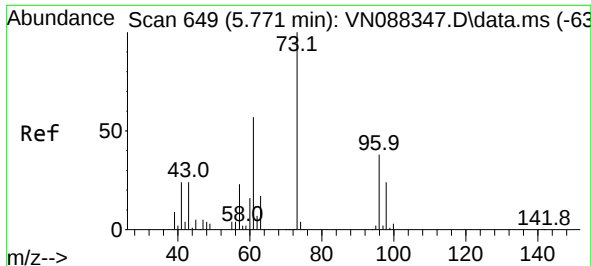
Tgt Ion: 73 Resp: 593042
Ion Ratio Lower Upper
73 100
57 22.6 18.6 28.0



#20
Methylene Chloride
Concen: 50.514 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 84 Resp: 172448
Ion Ratio Lower Upper
84 100
49 134.8 110.2 165.2
51 41.4 34.1 51.1
86 64.2 52.6 78.8

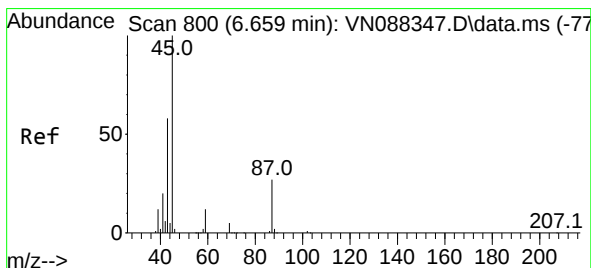
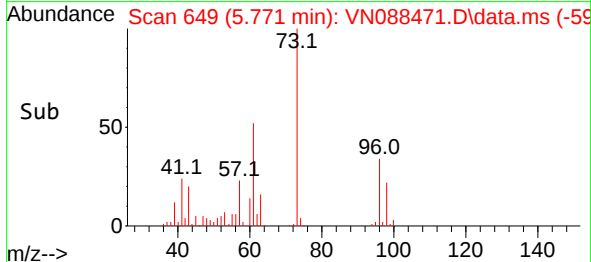
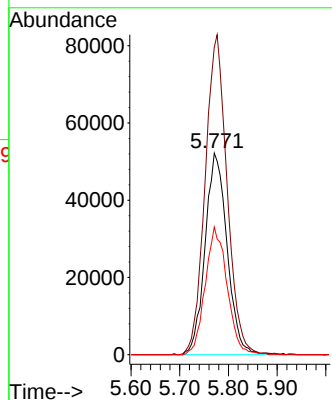
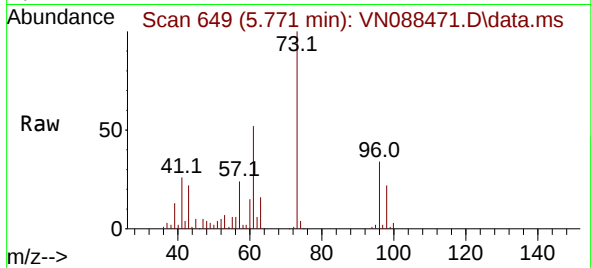




#21
trans-1,2-Dichloroethene
Concen: 51.782 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

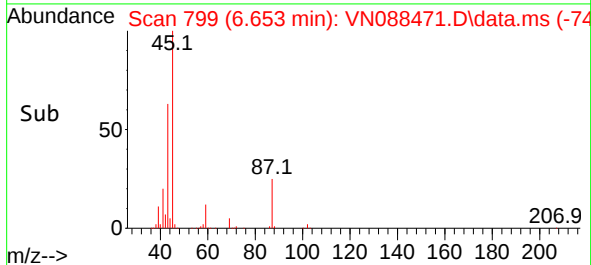
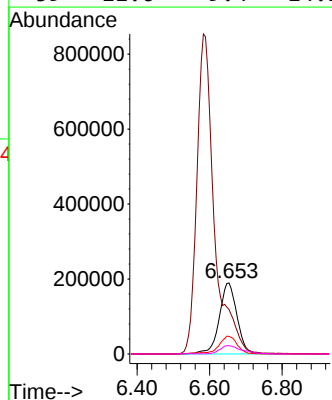
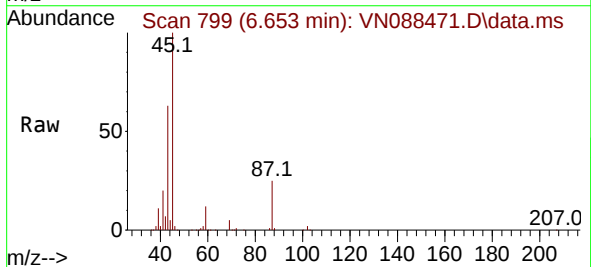
Instrument :
MSVOA_N
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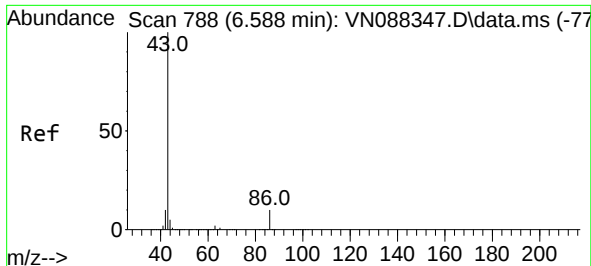
Tgt Ion: 96 Resp: 163908
Ion Ratio Lower Upper
96 100
61 152.6 122.4 183.6
98 63.4 50.9 76.3



#22
Diisopropyl ether
Concen: 56.745 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 45 Resp: 641620
Ion Ratio Lower Upper
45 100
43 62.2 47.4 71.2
87 24.8 21.9 32.9
59 11.6 9.4 14.2

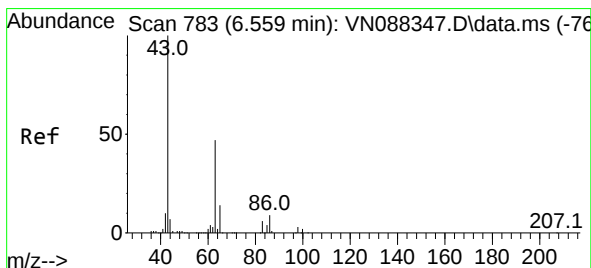
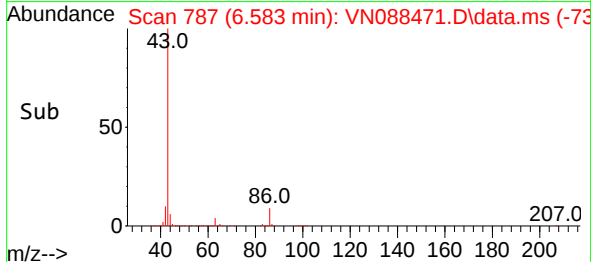
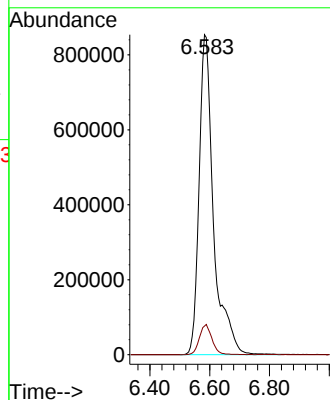
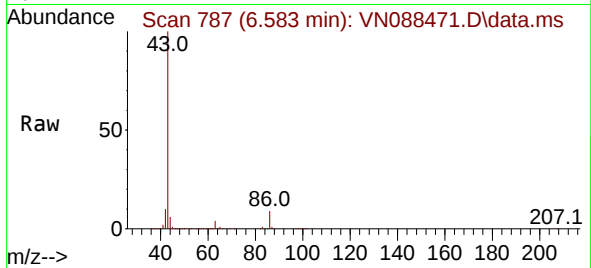




#23
 Vinyl Acetate
 Concen: 313.900 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN088471.D
 Acq: 09 Dec 2025 10:47

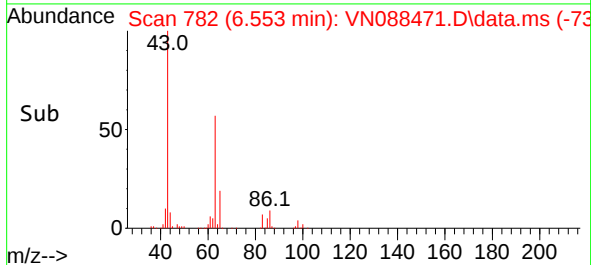
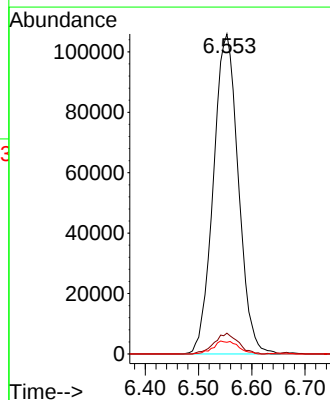
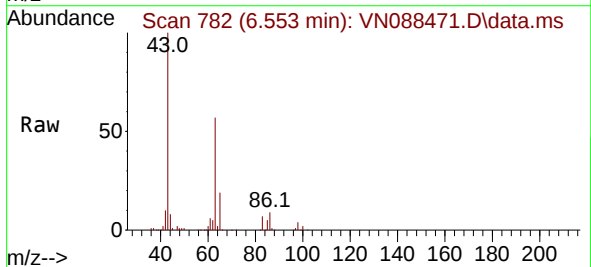
Instrument :
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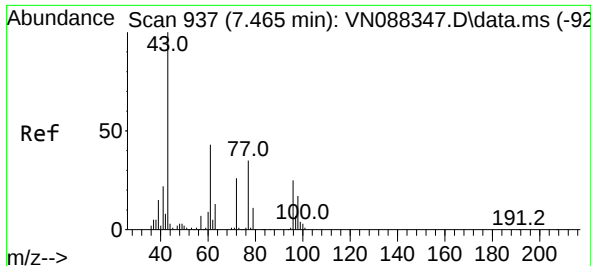
Tgt Ion: 43 Resp: 2859591
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.879 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088471.D
 Acq: 09 Dec 2025 10:47

Tgt Ion: 63 Resp: 344995
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 3.7 1.9 5.7

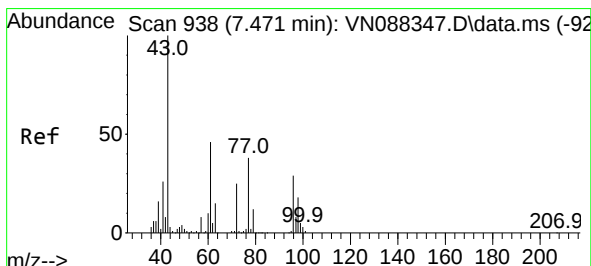
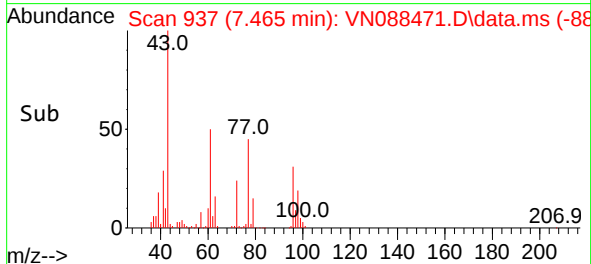
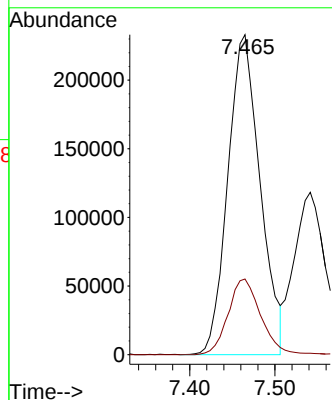
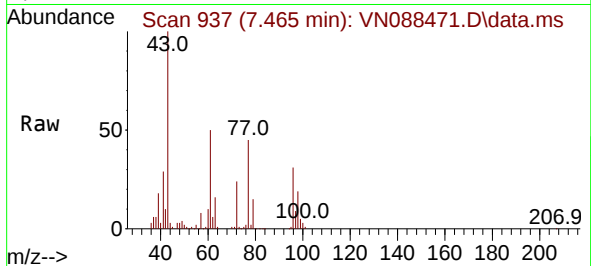




#25
2-Butanone
Concen: 239.565 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

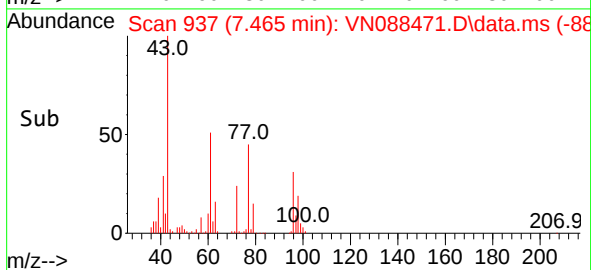
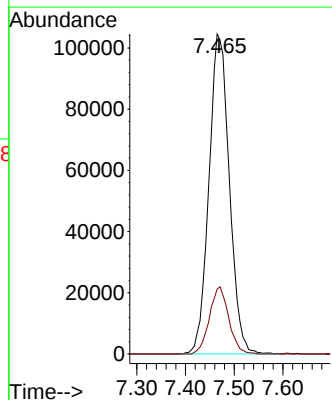
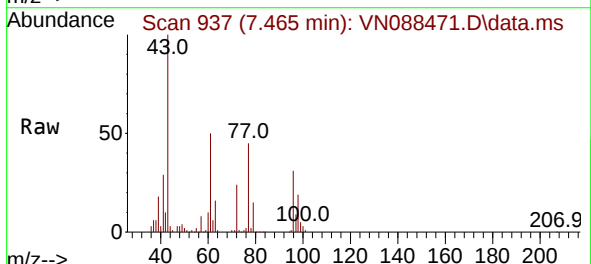
Instrument :
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ClientSampleId :
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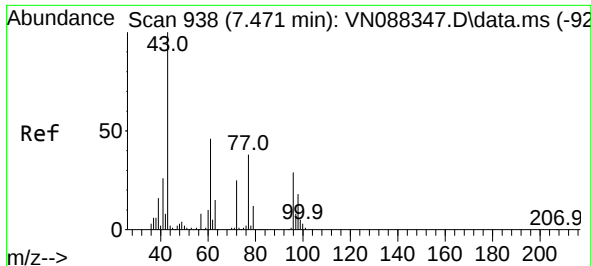
Tgt Ion: 43 Resp: 614523
Ion Ratio Lower Upper
43 100
72 23.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 54.998 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 77 Resp: 303973
Ion Ratio Lower Upper
77 100
97 19.9 10.3 30.9

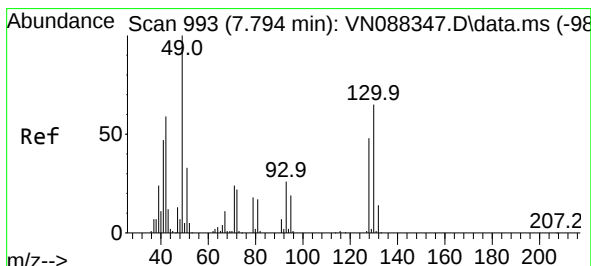
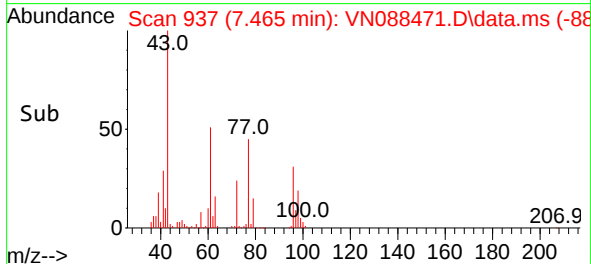
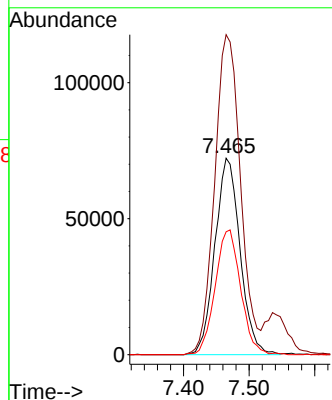
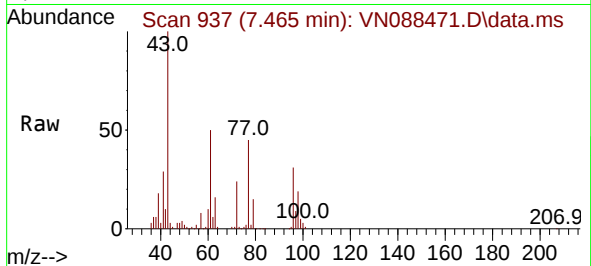




#27
 cis-1,2-Dichloroethene
 Concen: 52.265 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088471.D
 Acq: 09 Dec 2025 10:47

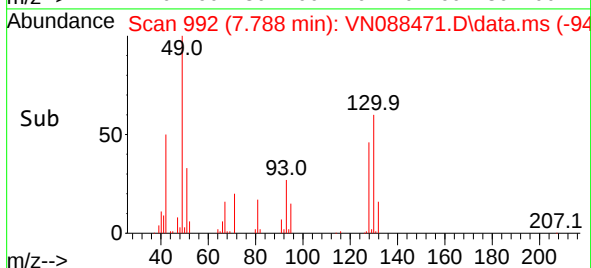
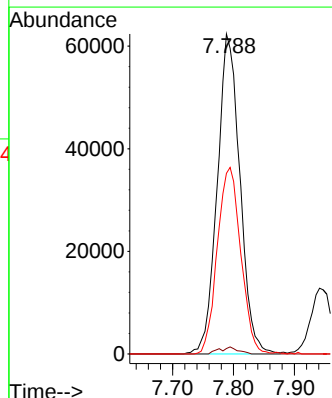
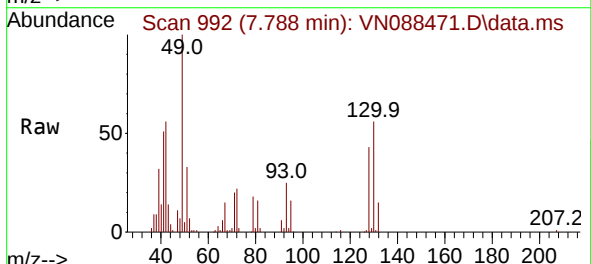
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

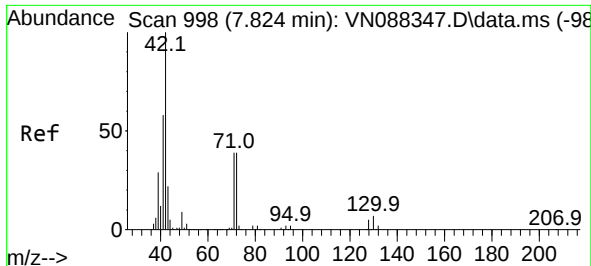
Tgt Ion: 96 Resp: 192264
 Ion Ratio Lower Upper
 96 100
 61 168.0 0.0 323.6
 98 64.2 0.0 127.2



#28
 Bromochloromethane
 Concen: 50.532 ug/l
 RT: 7.788 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VN088471.D
 Acq: 09 Dec 2025 10:47

Tgt Ion: 49 Resp: 161186
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 60.3 51.1 76.7





#29

Tetrahydrofuran

Concen: 275.916 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

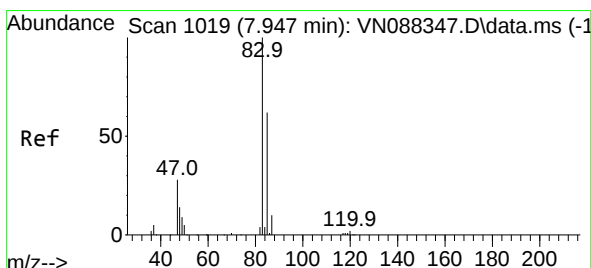
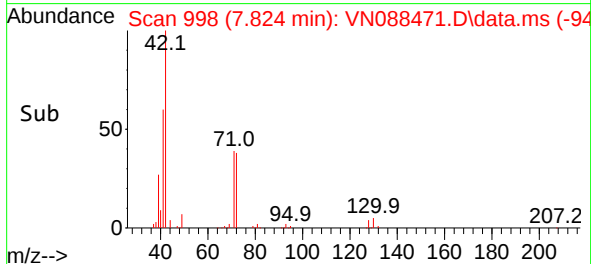
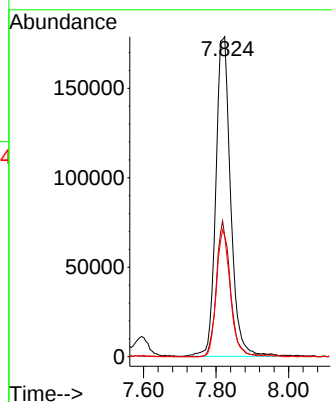
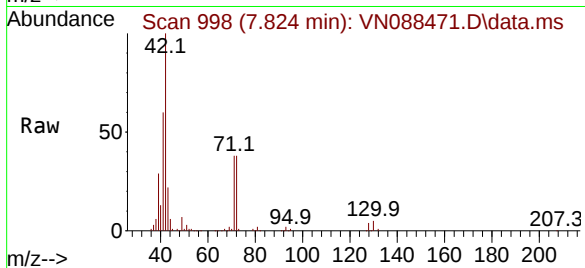
Tgt Ion: 42 Resp: 507662

Ion Ratio Lower Upper

42 100

72 39.6 32.2 48.4

71 37.5 31.1 46.7



#30

Chloroform

Concen: 55.460 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088471.D

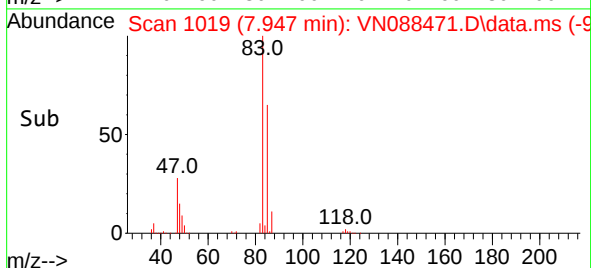
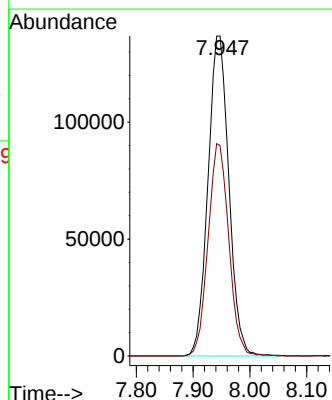
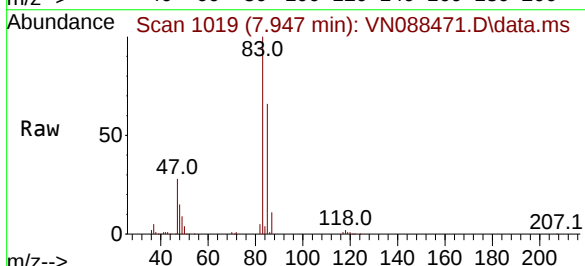
Acq: 09 Dec 2025 10:47

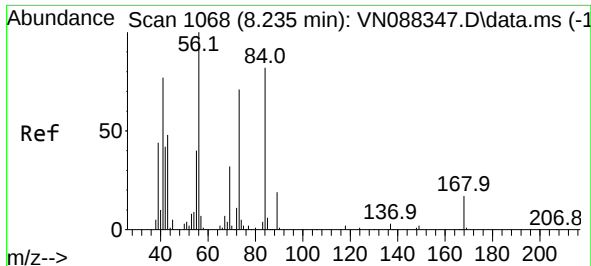
Tgt Ion: 83 Resp: 348942

Ion Ratio Lower Upper

83 100

85 65.7 49.8 74.8

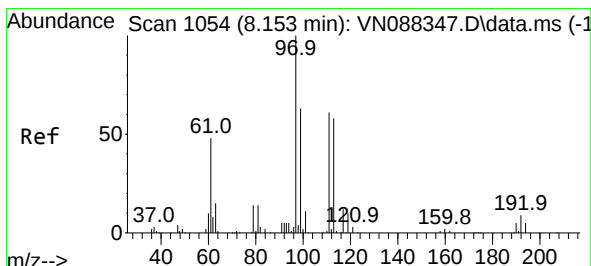
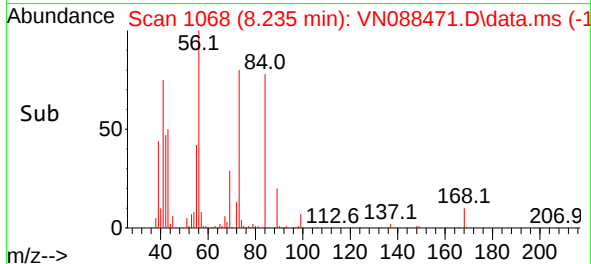
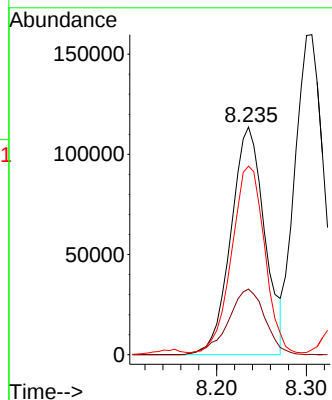
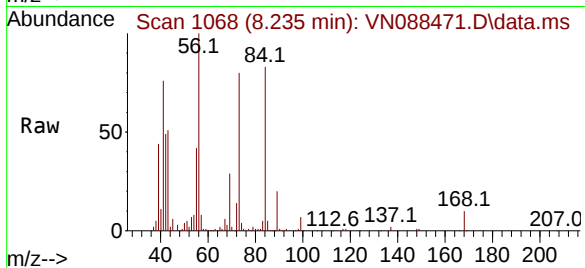




#31
Cyclohexane
Concen: 51.163 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

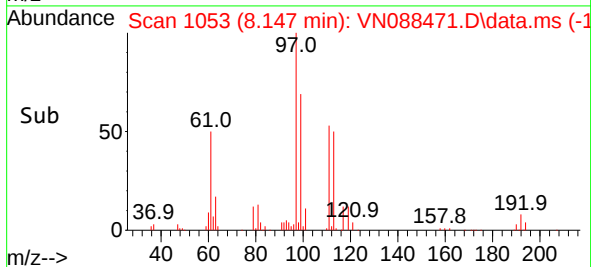
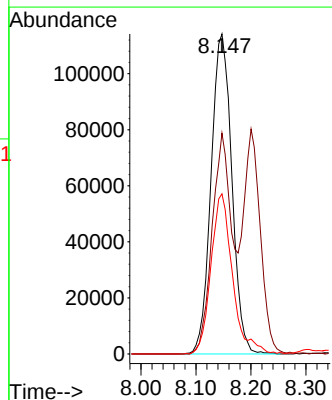
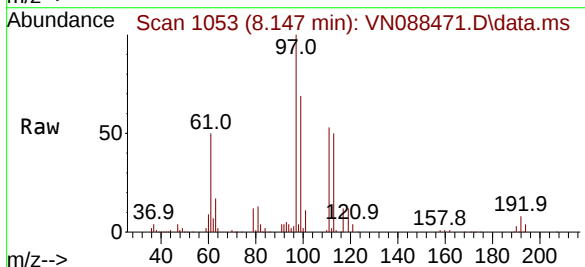
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

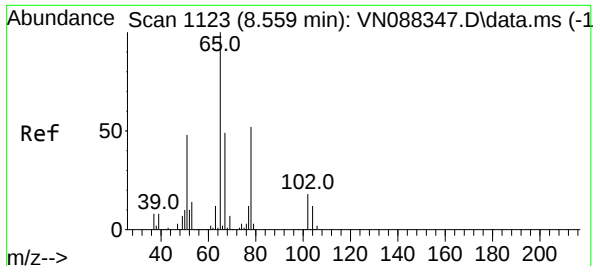
Tgt Ion: 56 Resp: 296877
Ion Ratio Lower Upper
56 100
69 28.8 25.3 37.9
84 81.4 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 54.120 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 97 Resp: 299400
Ion Ratio Lower Upper
97 100
99 66.0 50.8 76.2
61 52.1 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 50.140 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

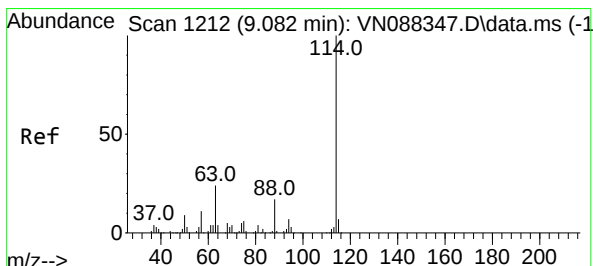
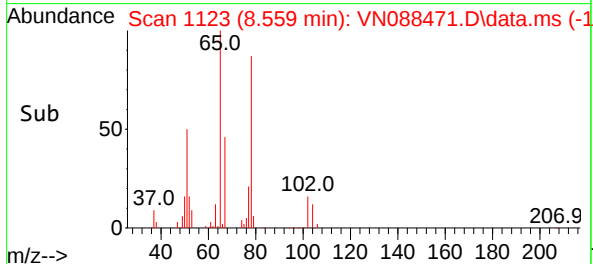
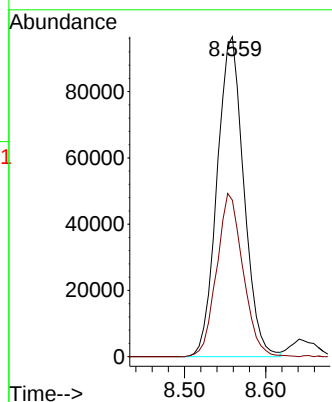
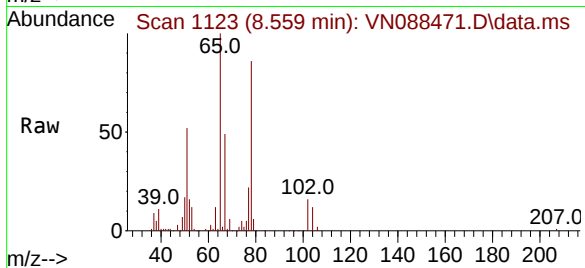
VSTDCCC050

Tgt Ion: 65 Resp: 221221

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

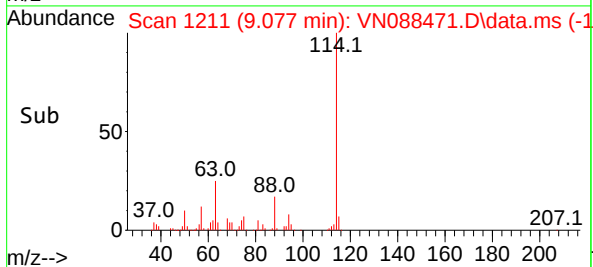
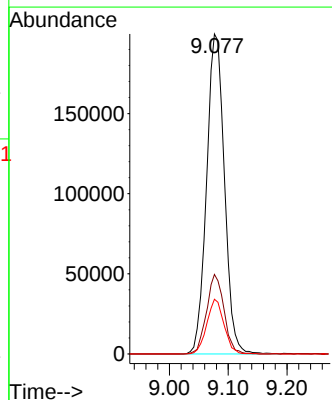
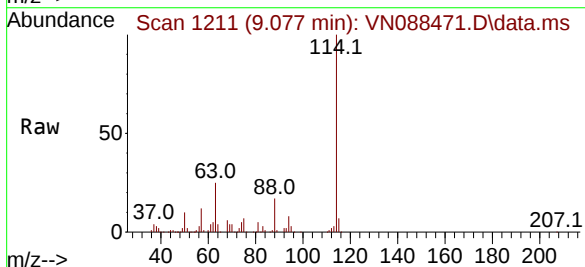
Tgt Ion: 114 Resp: 421047

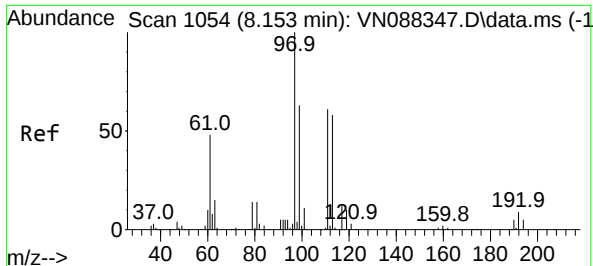
Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.0

88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.257 ug/l

RT: 8.141 min Scan# 1052

Delta R.T. -0.012 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

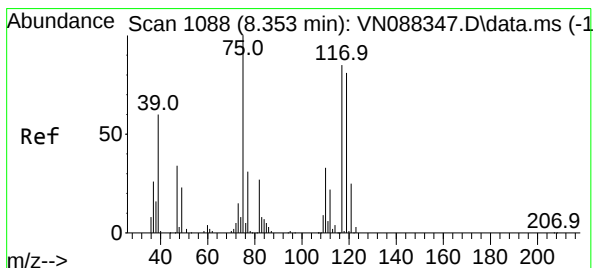
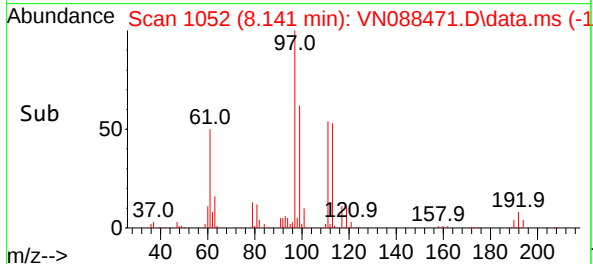
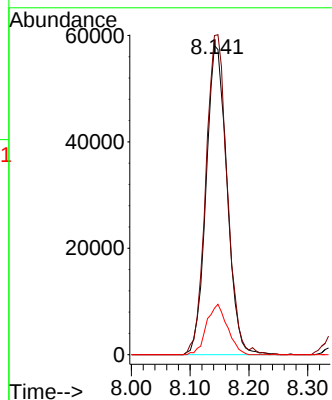
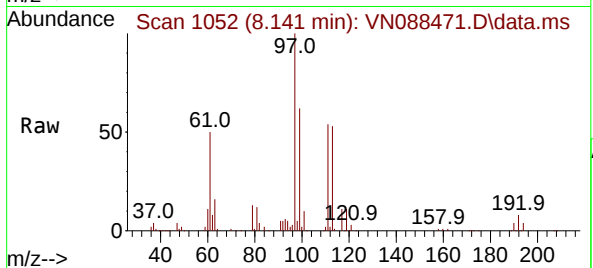
Tgt Ion:113 Resp: 143723

Ion Ratio Lower Upper

113 100

111 105.3 82.5 123.7

192 16.3 12.8 19.2



#36

1,1-Dichloropropene

Concen: 51.589 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

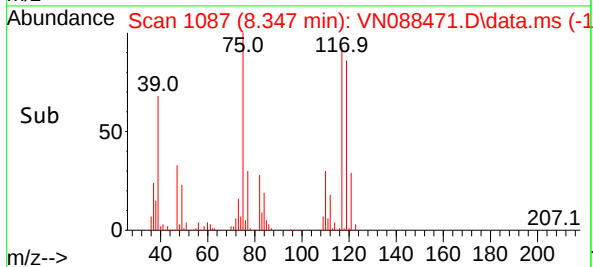
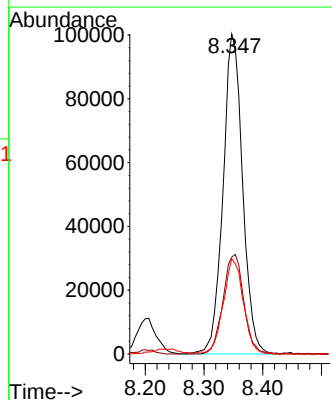
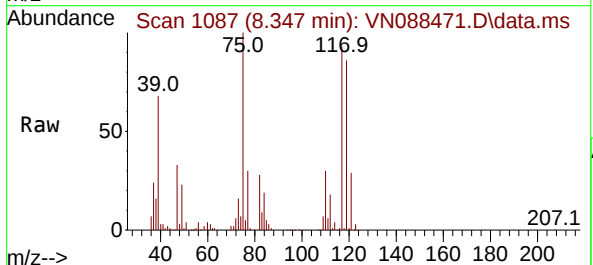
Tgt Ion: 75 Resp: 232313

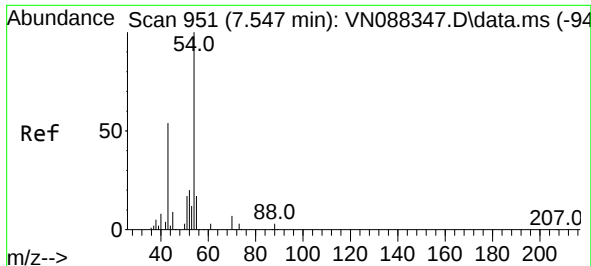
Ion Ratio Lower Upper

75 100

110 32.7 15.8 47.4

77 30.6 24.2 36.2

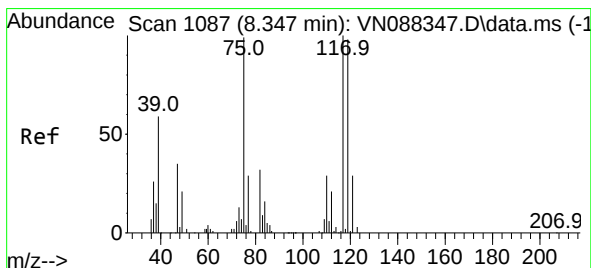
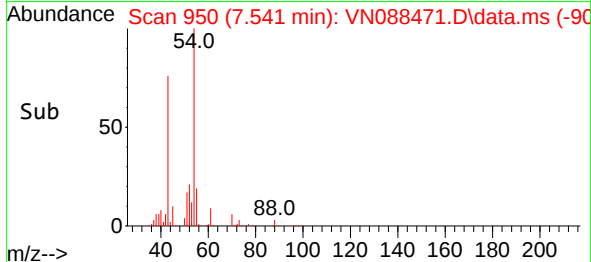
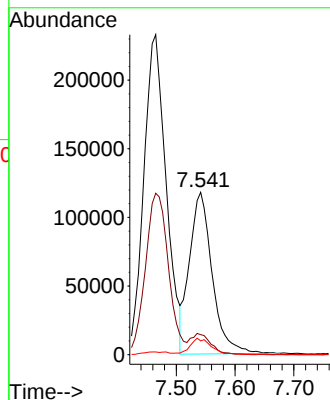
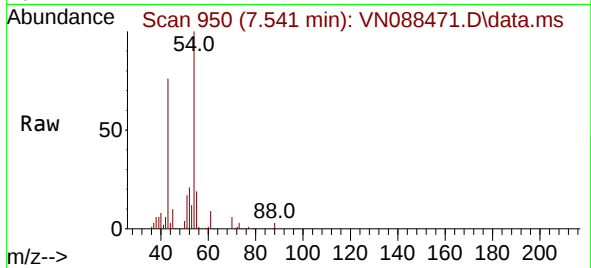




#37
Ethyl Acetate
Concen: 53.676 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

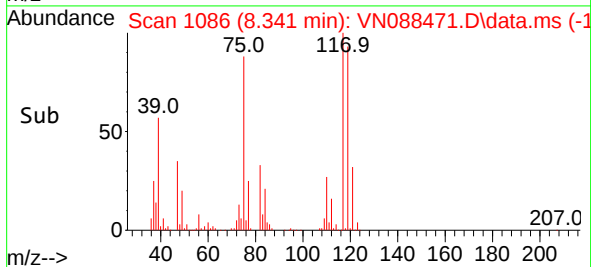
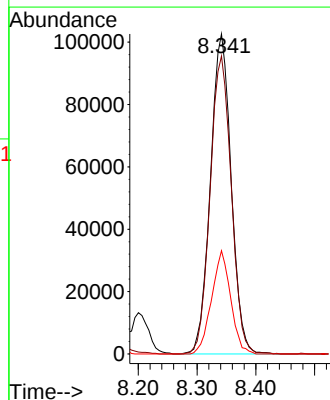
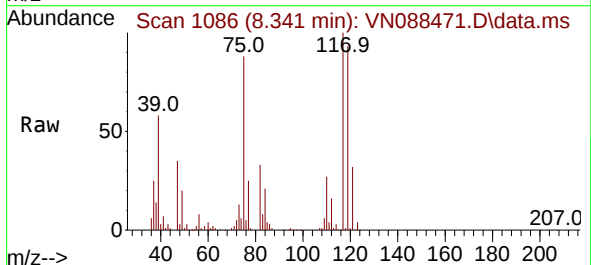
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

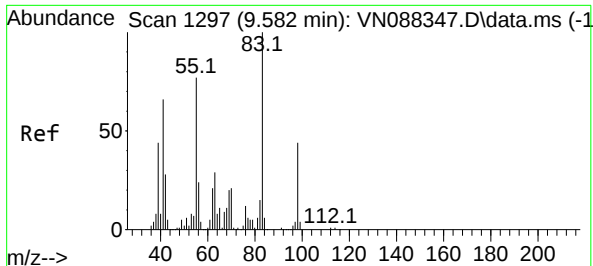
Tgt Ion: 43 Resp: 317824
Ion Ratio Lower Upper
43 100
61 11.3 9.5 14.3
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 56.182 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 117 Resp: 251853
Ion Ratio Lower Upper
117 100
119 93.1 78.2 117.4
121 32.2 23.4 35.2





#39

Methylcyclohexane

Concen: 48.693 ug/l

RT: 9.577 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

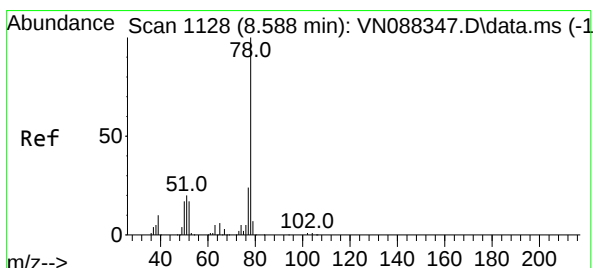
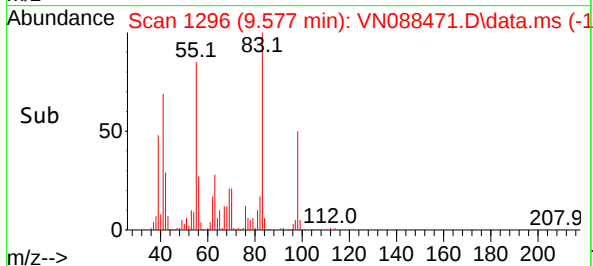
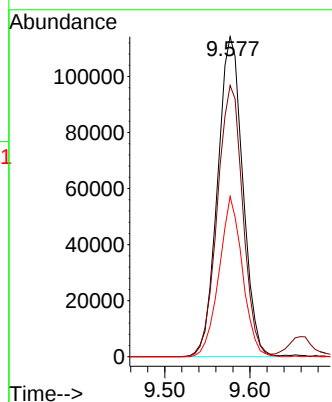
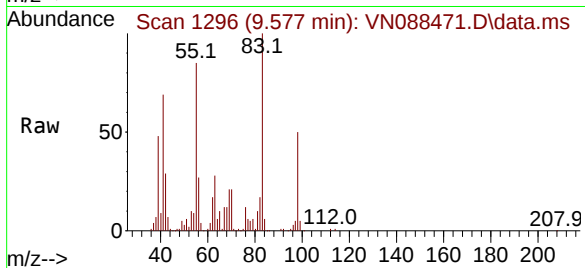
Tgt Ion: 83 Resp: 234542

Ion Ratio Lower Upper

83 100

55 84.8 61.6 92.4

98 50.1 35.3 52.9



#40

Benzene

Concen: 53.416 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088471.D

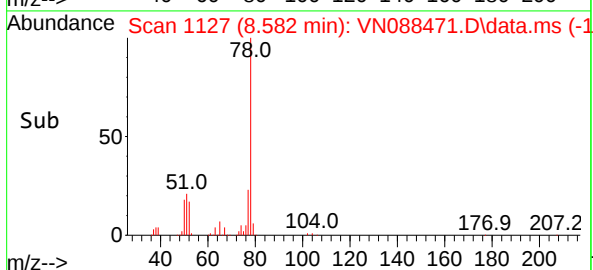
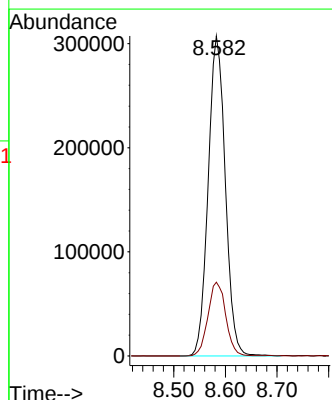
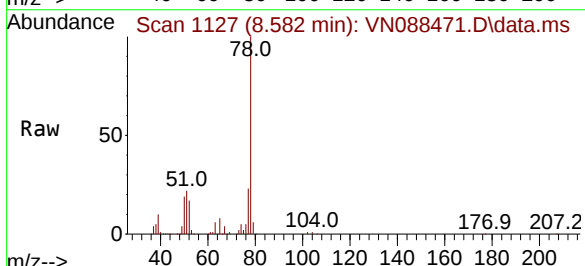
Acq: 09 Dec 2025 10:47

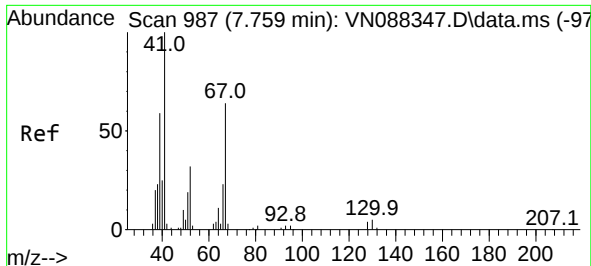
Tgt Ion: 78 Resp: 705994

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4

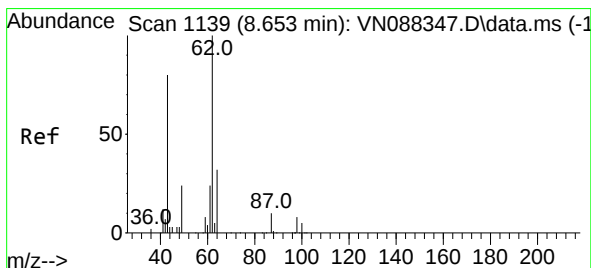
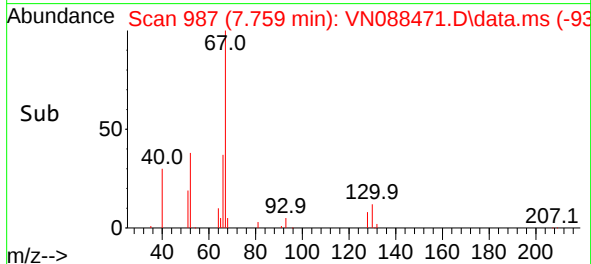
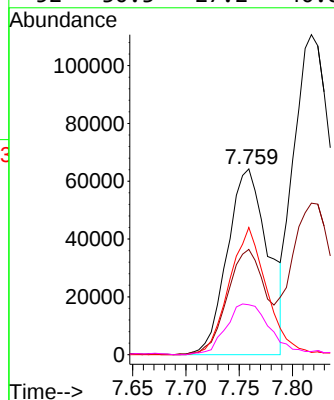
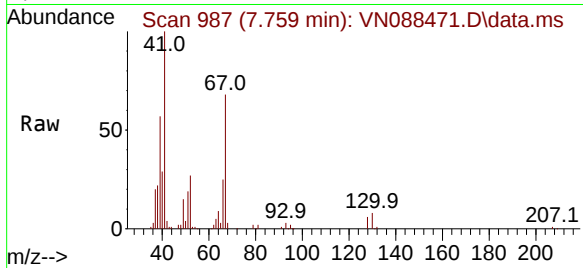




#41
Methacrylonitrile
Concen: 58.436 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

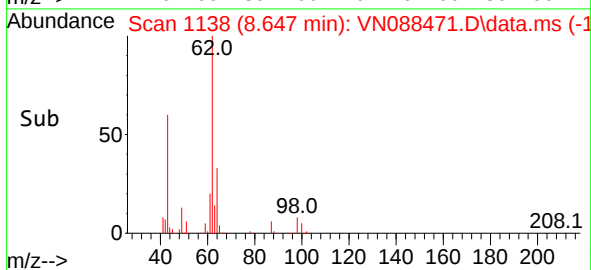
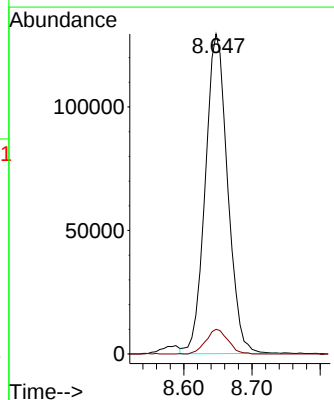
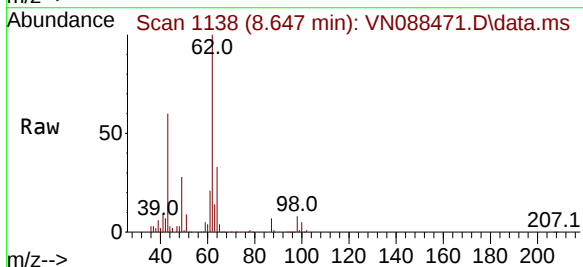
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

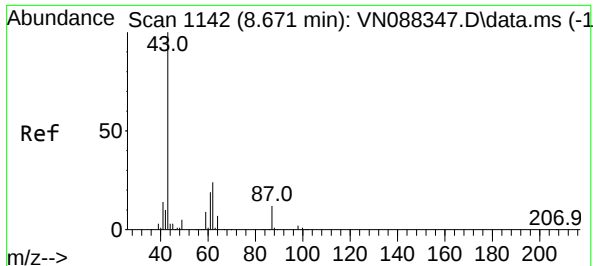
Tgt Ion:	41	Resp:	171374
Ion	Ratio	Lower	Upper
41	100		
39	52.8	46.3	69.5
67	63.8	54.7	82.1
52	30.3	27.2	40.8



#42
1,2-Dichloroethane
Concen: 58.426 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:	62	Resp:	294617
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.2

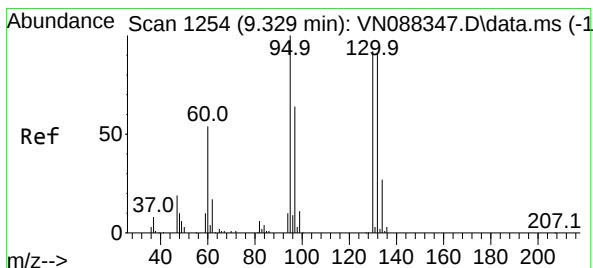
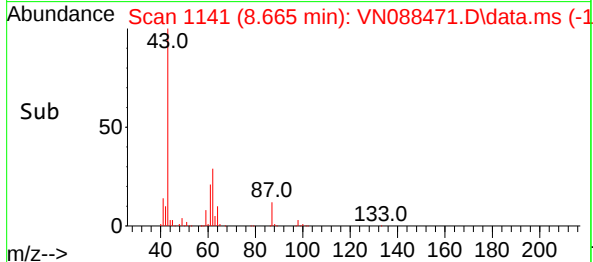
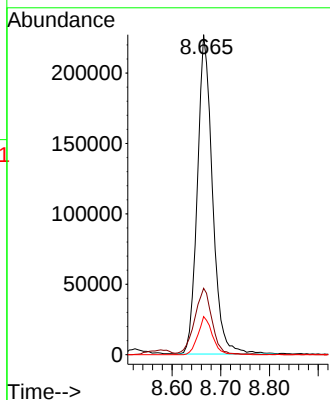
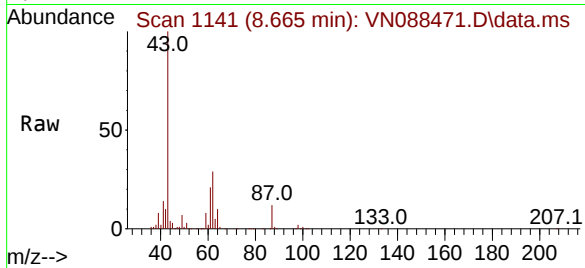




#43
Isopropyl Acetate
Concen: 54.220 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

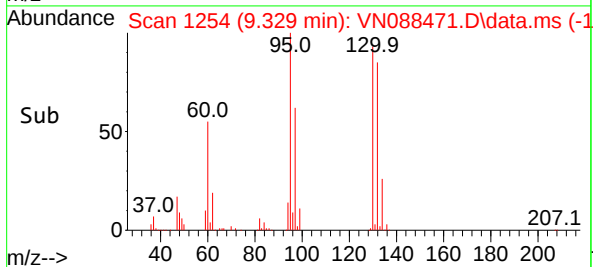
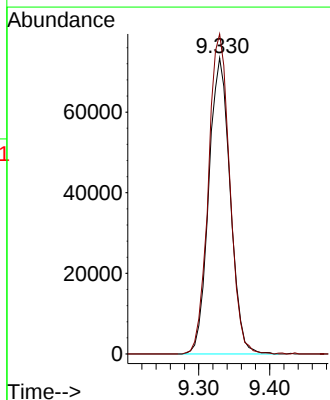
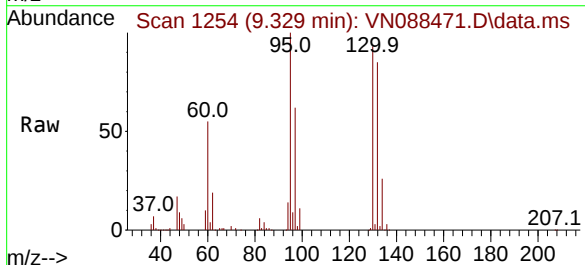
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

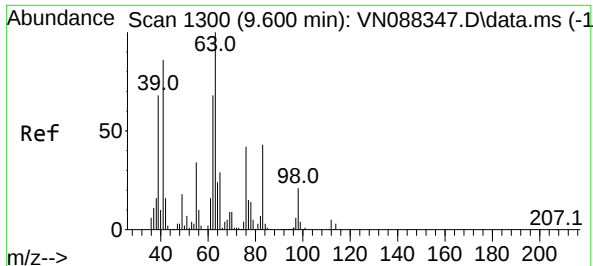
Tgt Ion: 43 Resp: 490517
Ion Ratio Lower Upper
43 100
61 23.3 18.7 28.1
87 11.4 9.1 13.7



#44
Trichloroethene
Concen: 49.180 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:130 Resp: 153586
Ion Ratio Lower Upper
130 100
95 108.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 55.618 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

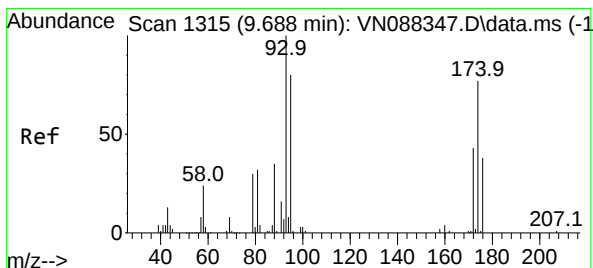
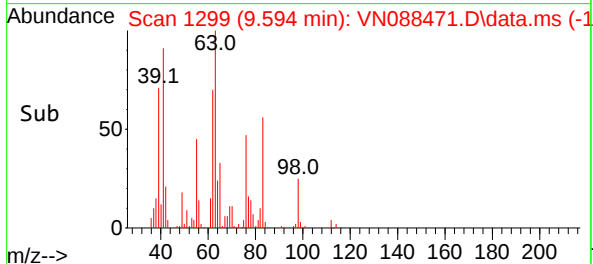
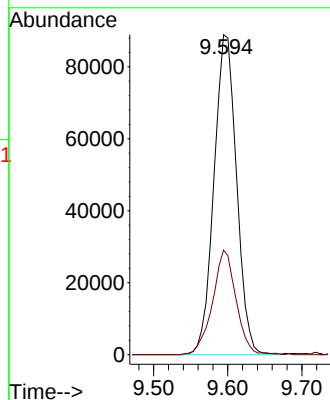
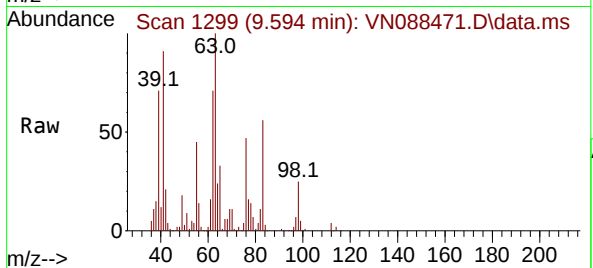
VSTDCCC050

Tgt Ion: 63 Resp: 188336

Ion Ratio Lower Upper

63 100

65 32.7 23.0 34.4



#46

Dibromomethane

Concen: 54.706 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

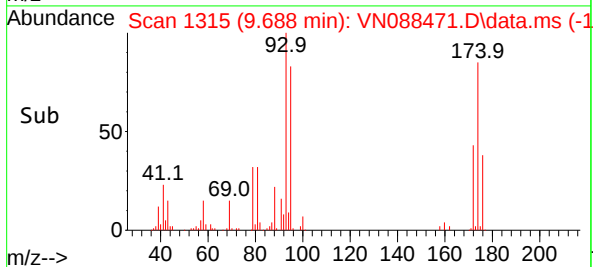
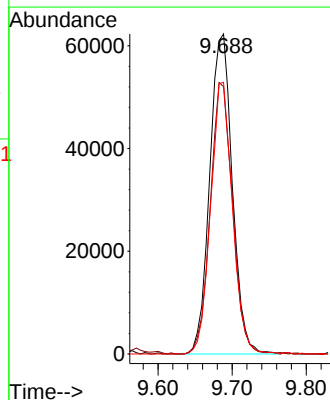
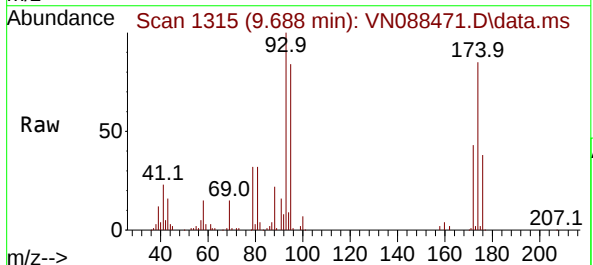
Tgt Ion: 93 Resp: 132205

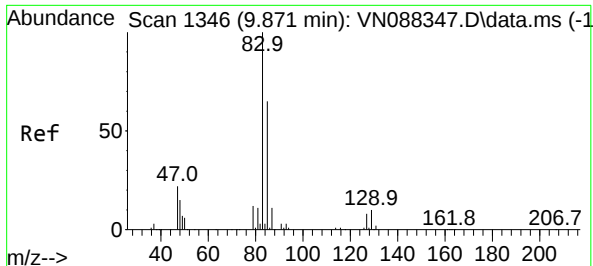
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.6

174 81.7 64.3 96.5





#47

Bromodichloromethane

Concen: 56.236 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

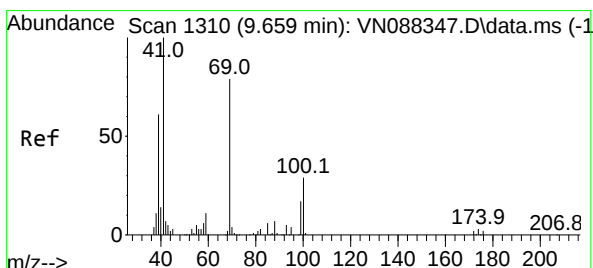
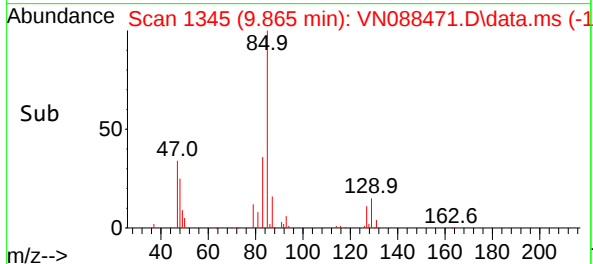
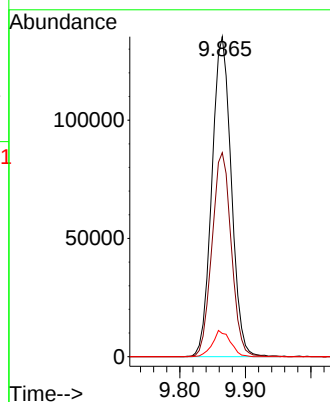
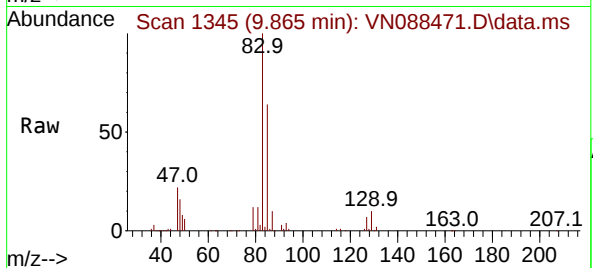
Tgt Ion: 83 Resp: 277293

Ion Ratio Lower Upper

83 100

85 63.7 51.9 77.9

127 7.2 6.3 9.5



#48

Methyl methacrylate

Concen: 57.406 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

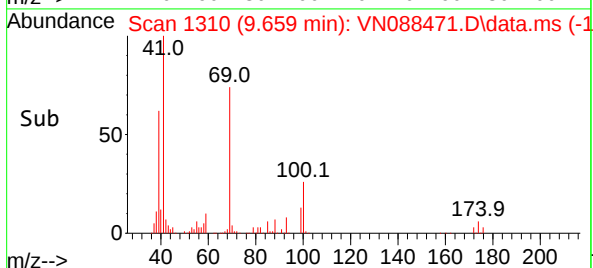
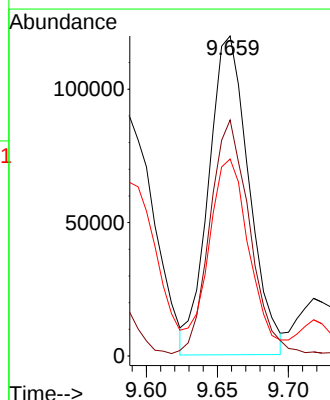
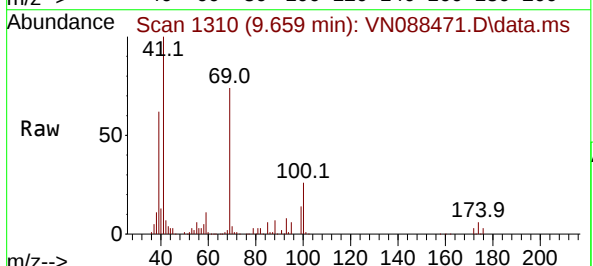
Tgt Ion: 41 Resp: 236958

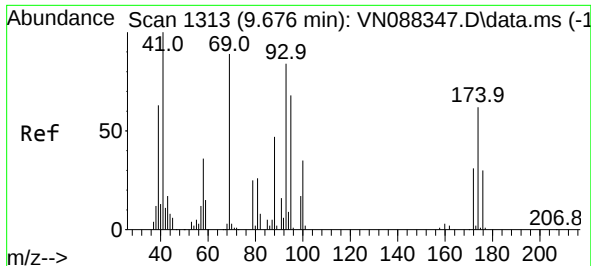
Ion Ratio Lower Upper

41 100

69 73.4 62.4 93.6

39 62.4 52.6 79.0





#49

1,4-Dioxane

Concen: 839.945 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

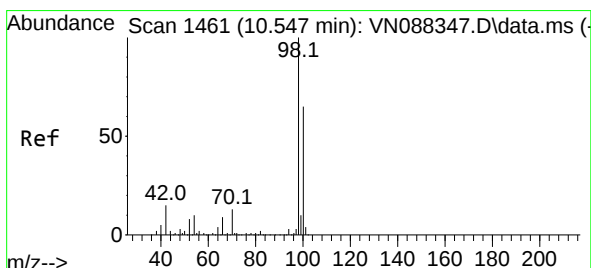
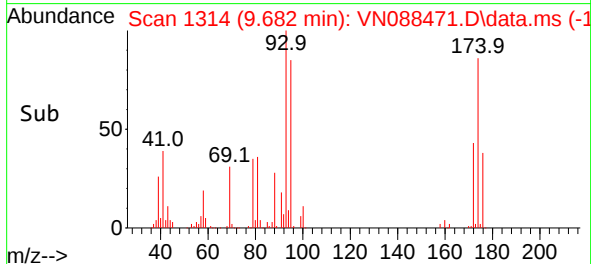
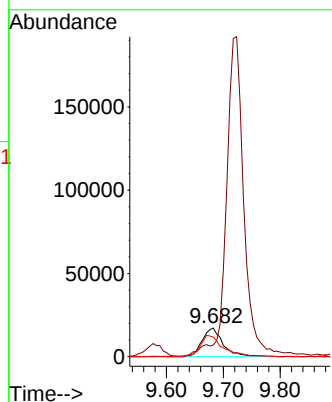
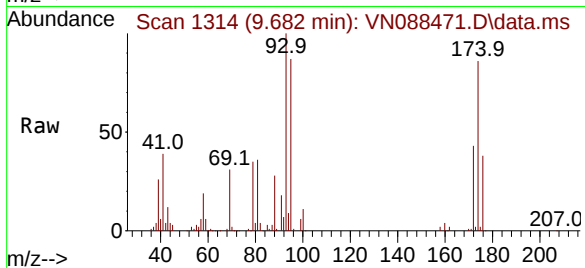
Tgt Ion: 88 Resp: 44092

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 81.1 62.0 93.0



#50

Toluene-d8

Concen: 48.162 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088471.D

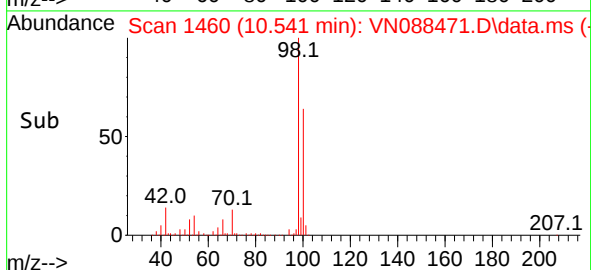
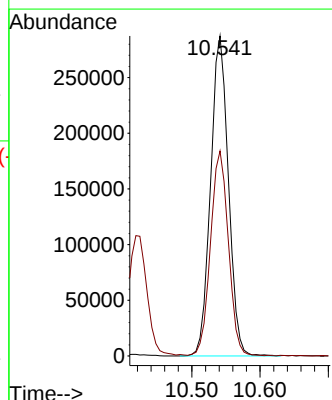
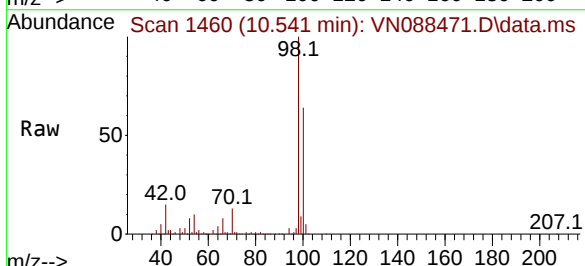
Acq: 09 Dec 2025 10:47

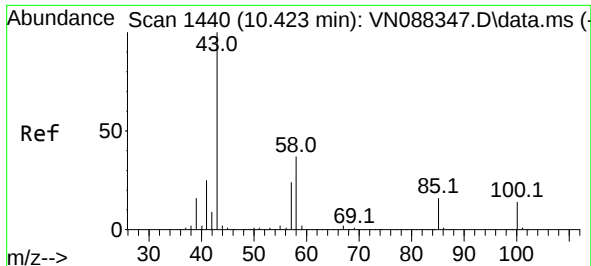
Tgt Ion: 98 Resp: 522876

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 283.701 ug/l

RT: 10.418 min Scan# 1439

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

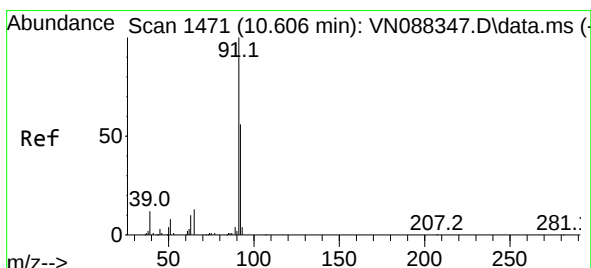
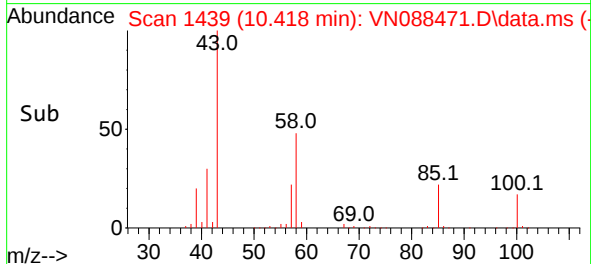
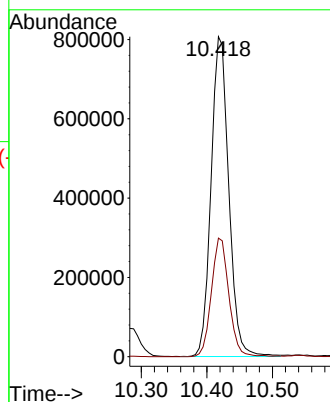
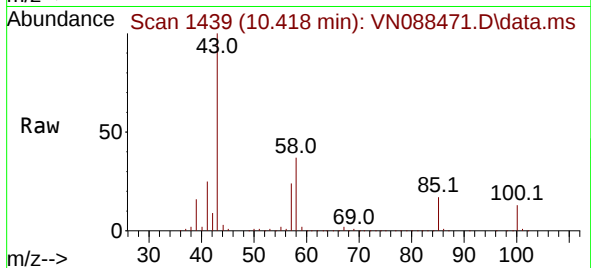
VSTDCCC050

Tgt Ion: 43 Resp: 1512815

Ion Ratio Lower Upper

43 100

58 36.7 29.1 43.7



#52

Toluene

Concen: 55.604 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088471.D

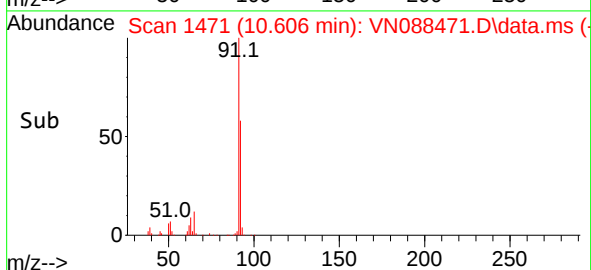
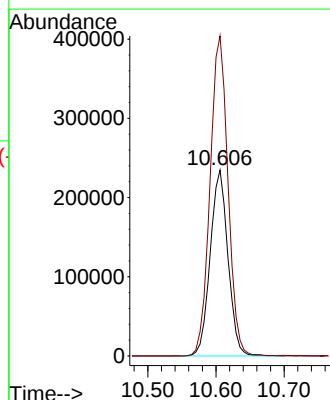
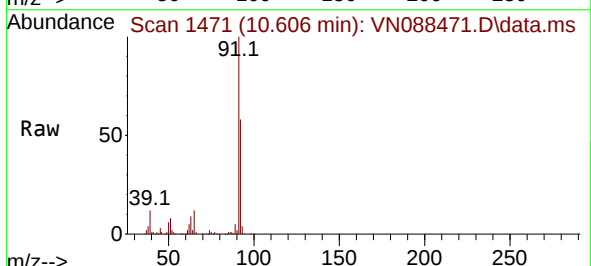
Acq: 09 Dec 2025 10:47

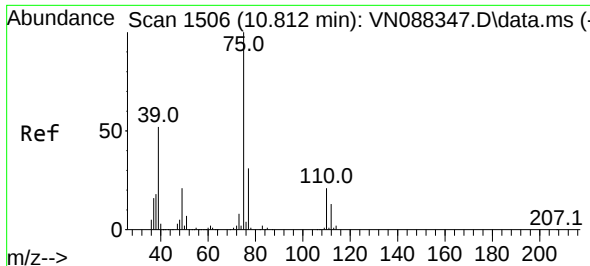
Tgt Ion: 92 Resp: 424349

Ion Ratio Lower Upper

92 100

91 174.2 140.2 210.2

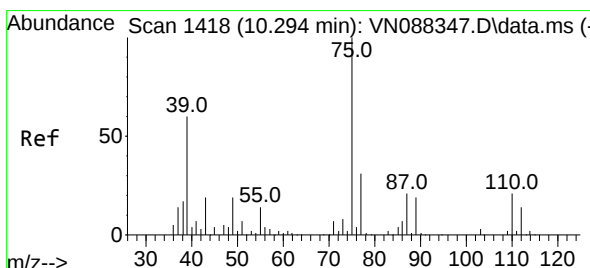
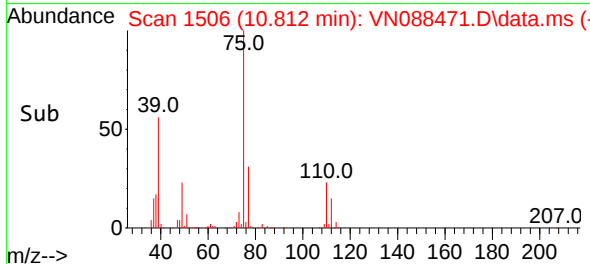
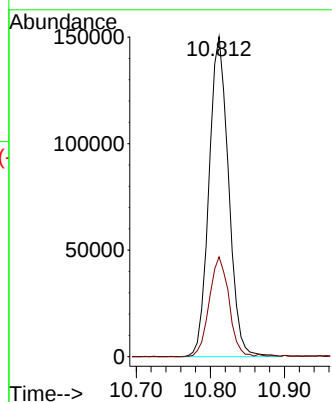
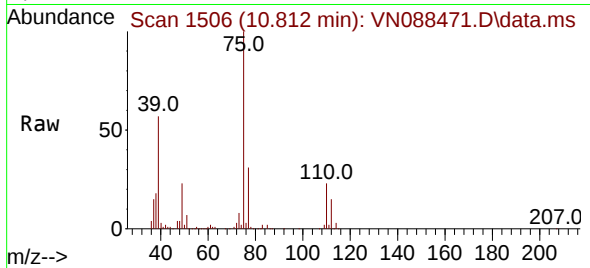




#53
t-1,3-Dichloropropene
Concen: 54.463 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

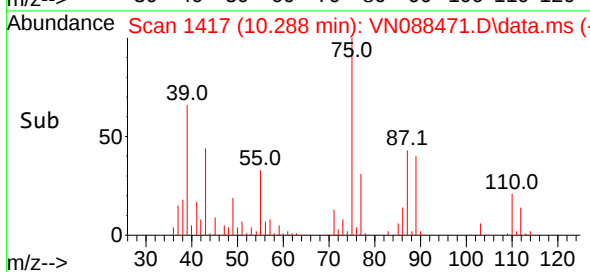
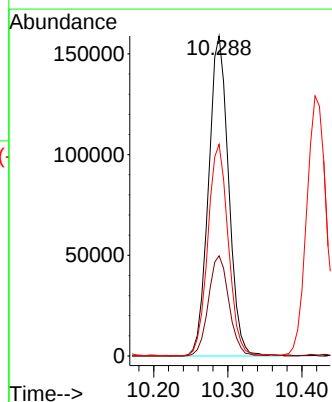
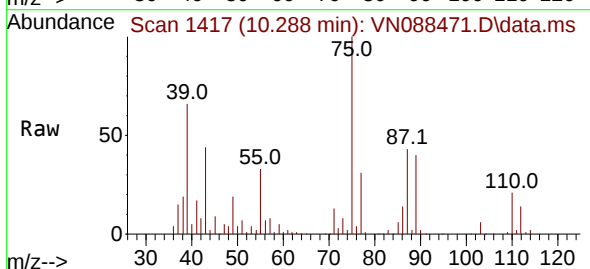
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

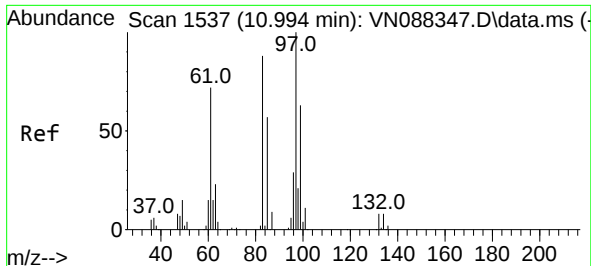
Tgt Ion: 75 Resp: 275655
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 56.207 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 75 Resp: 299168
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7
39 66.1 48.3 72.5

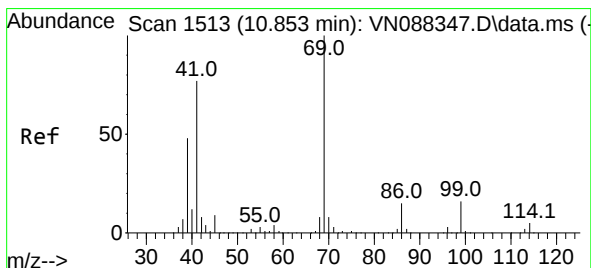
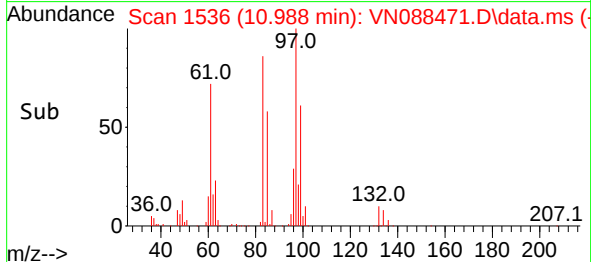
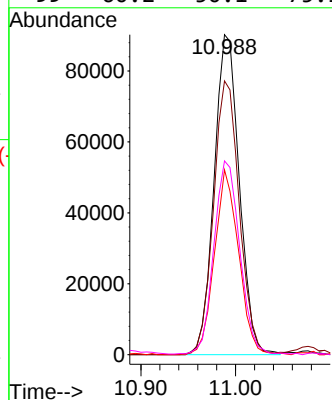
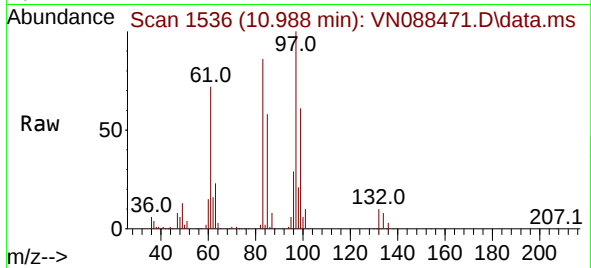




#55
1,1,2-Trichloroethane
Concen: 56.566 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

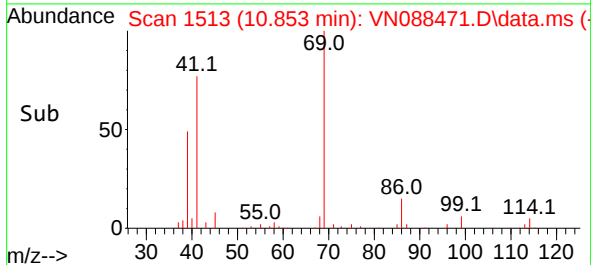
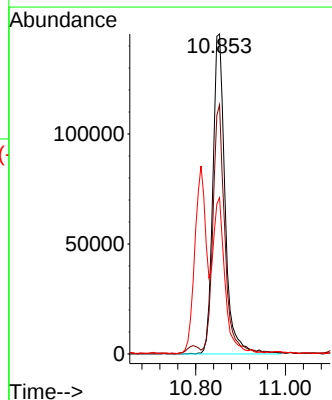
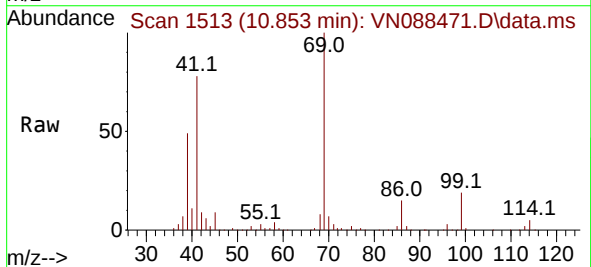
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

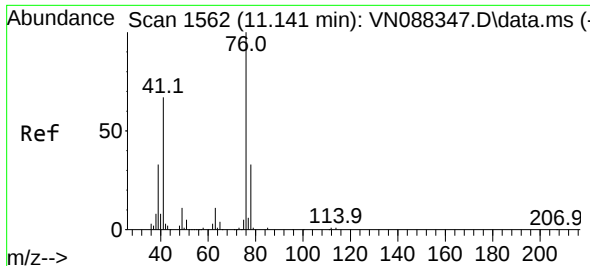
Tgt Ion: 97 Resp: 167021
Ion Ratio Lower Upper
97 100
83 85.5 70.4 105.6
85 57.7 45.4 68.2
99 60.2 50.1 75.1



#56
Ethyl methacrylate
Concen: 59.131 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 69 Resp: 275791
Ion Ratio Lower Upper
69 100
41 75.8 59.6 89.4
39 47.4 36.4 54.6

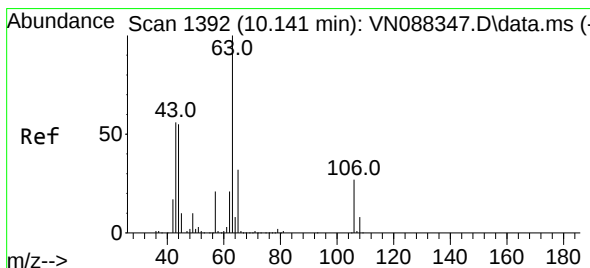
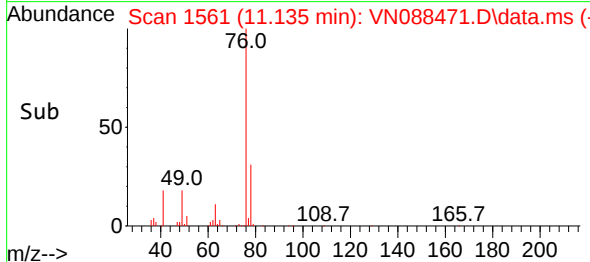
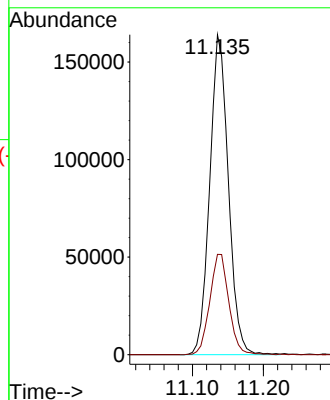
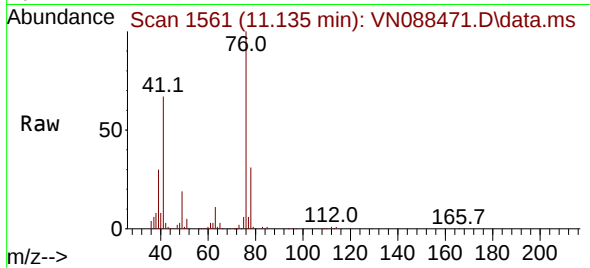




#57
1,3-Dichloropropane
Concen: 56.082 ug/l
RT: 11.135 min Scan# 1562
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

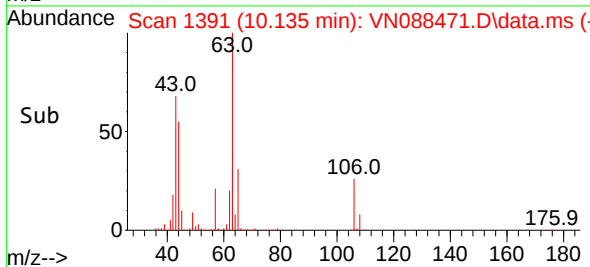
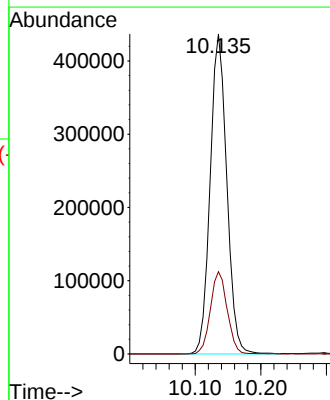
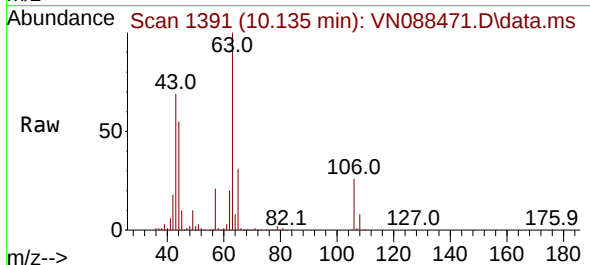
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

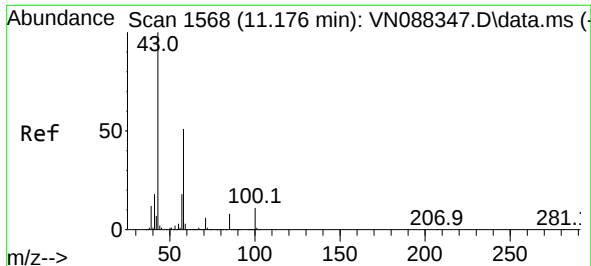
Tgt Ion: 76 Resp: 298731
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 286.039 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 63 Resp: 769133
Ion Ratio Lower Upper
63 100
106 25.9 20.5 30.7

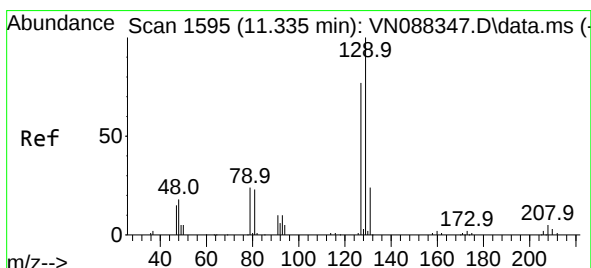
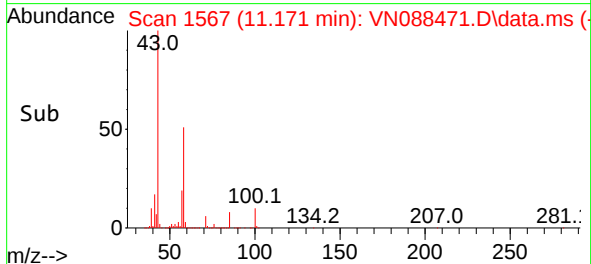
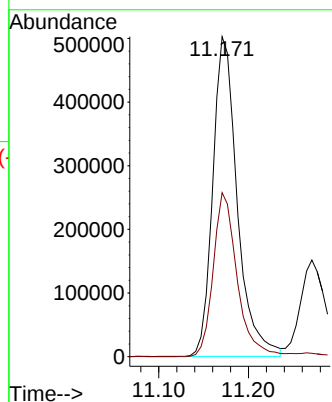
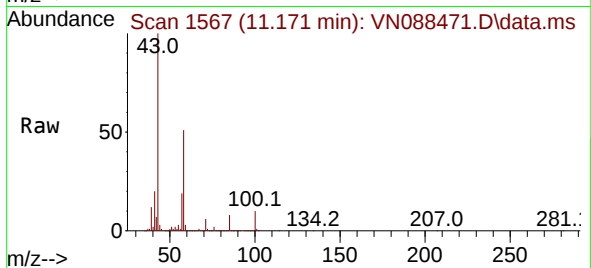




#59
2-Hexanone
Concen: 283.194 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

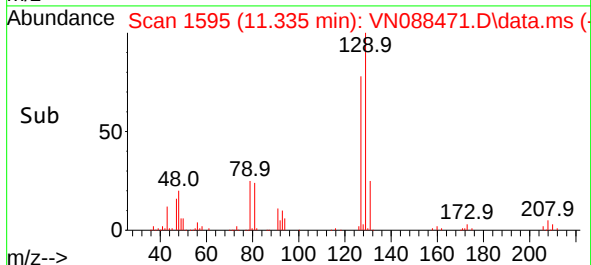
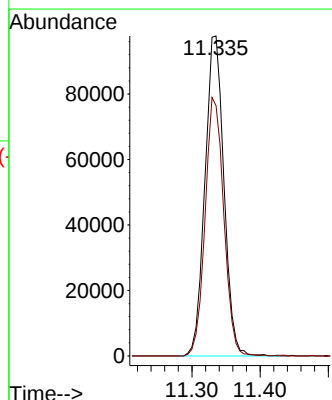
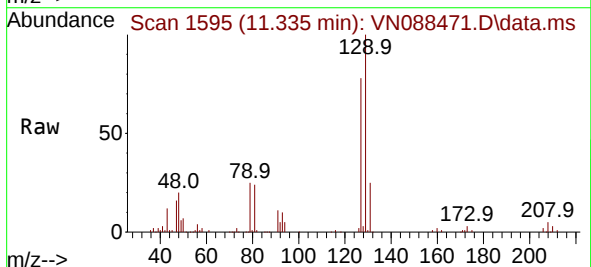
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

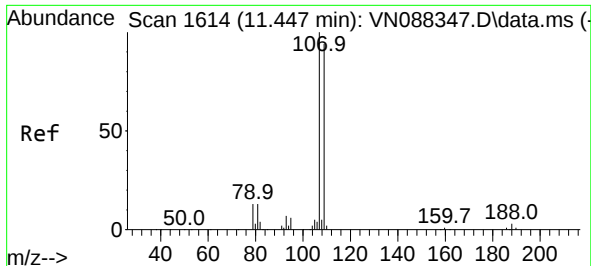
Tgt Ion: 43 Resp: 951304
Ion Ratio Lower Upper
43 100
58 50.0 25.3 75.9



#60
Dibromochloromethane
Concen: 56.139 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:129 Resp: 188964
Ion Ratio Lower Upper
129 100
127 79.6 38.2 114.6

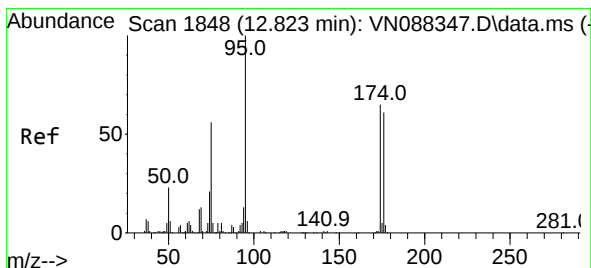
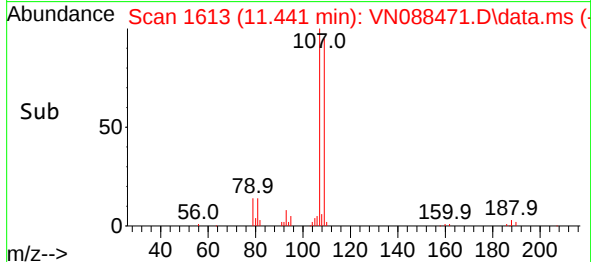
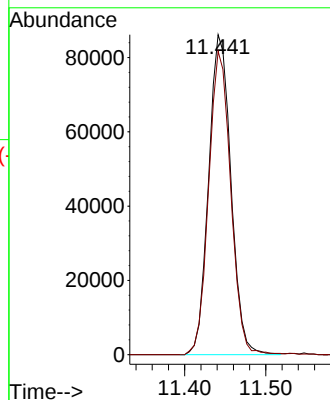
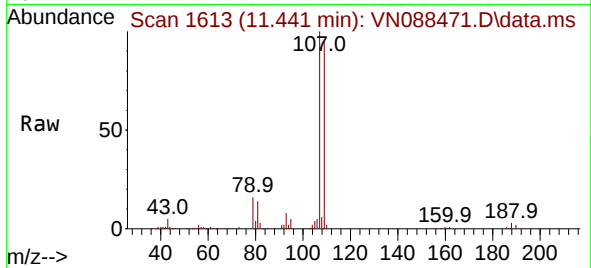




#61
1,2-Dibromoethane
Concen: 54.919 ug/l
RT: 11.441 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

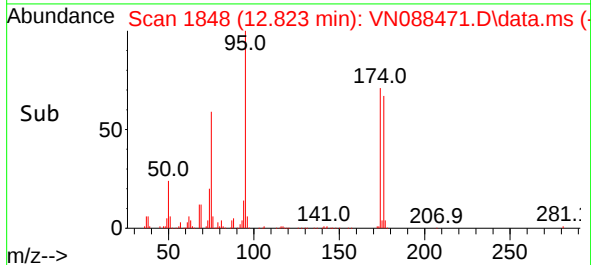
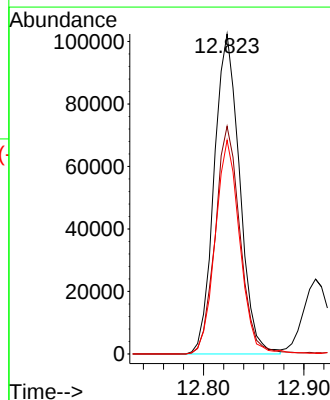
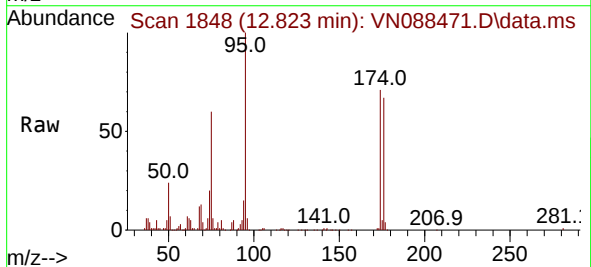
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

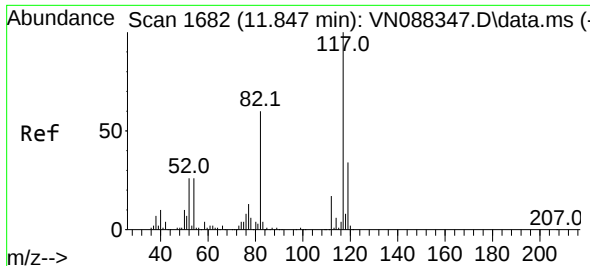
Tgt Ion:107 Resp: 164209
Ion Ratio Lower Upper
107 100
109 93.8 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 48.403 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 95 Resp: 180305
Ion Ratio Lower Upper
95 100
174 69.6 0.0 139.0
176 64.6 0.0 132.4

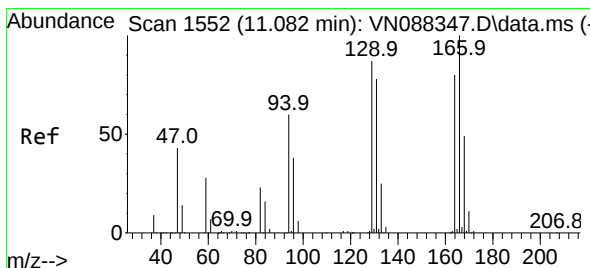
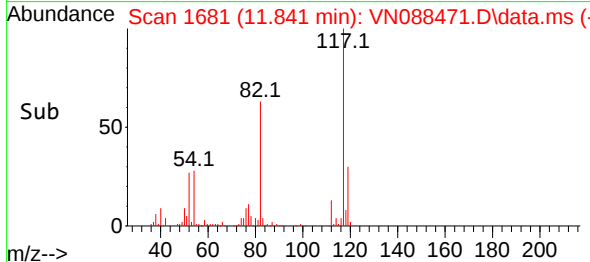
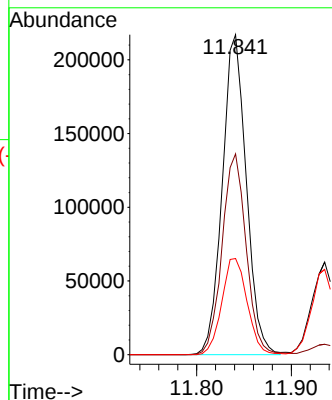
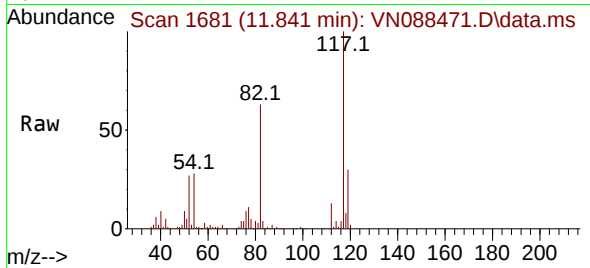




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

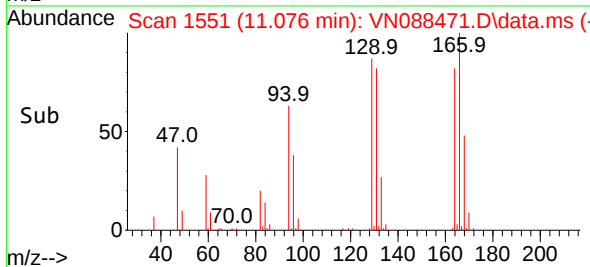
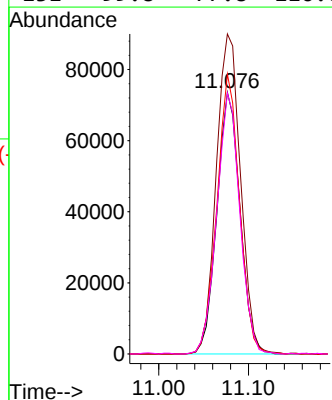
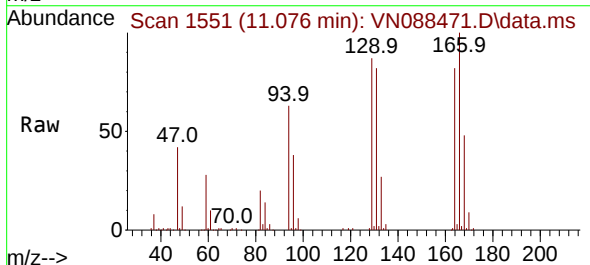
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

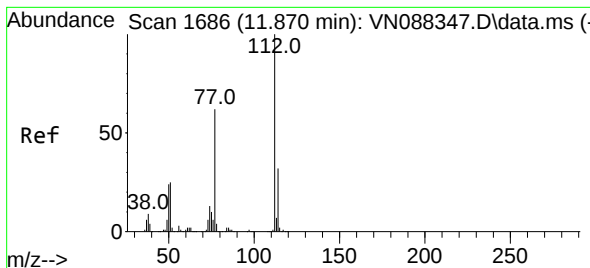
Tgt Ion:117 Resp: 382607
Ion Ratio Lower Upper
117 100
82 62.7 47.8 71.8
119 30.1 26.9 40.3



#64
Tetrachloroethene
Concen: 43.380 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:164 Resp: 131580
Ion Ratio Lower Upper
164 100
166 122.3 99.6 149.4
129 107.0 86.6 129.8
131 99.8 77.8 116.6





#65

Chlorobenzene

Concen: 51.326 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

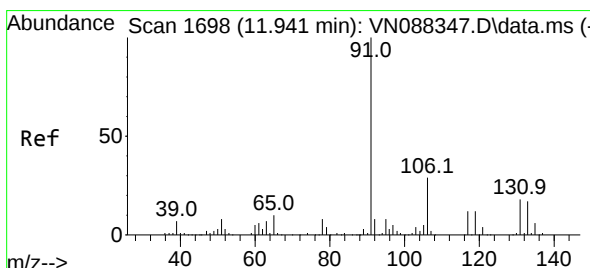
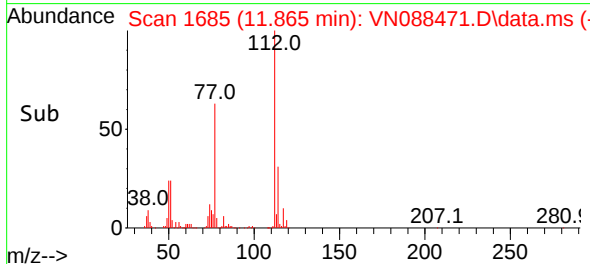
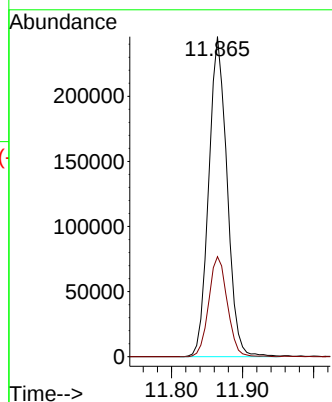
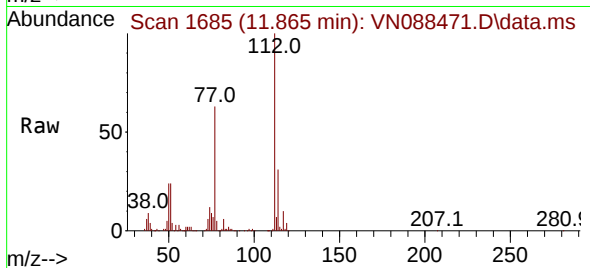
VSTDCCC050

Tgt Ion:112 Resp: 441099

Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 53.820 ug/l

RT: 11.929 min Scan# 1696

Delta R.T. -0.012 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

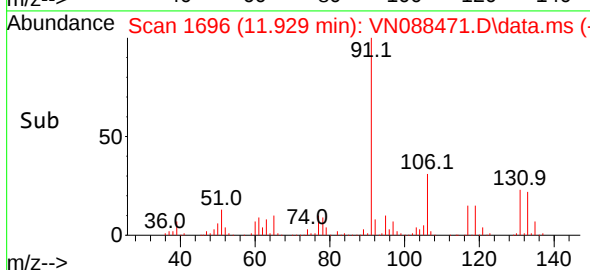
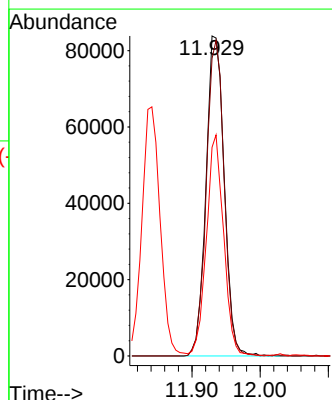
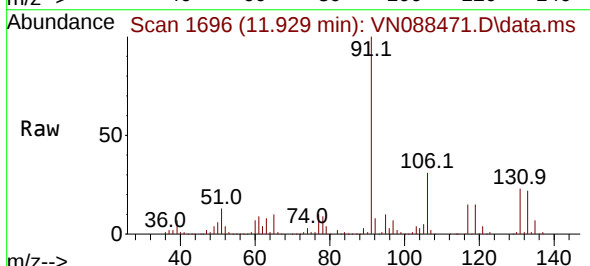
Tgt Ion:131 Resp: 156001

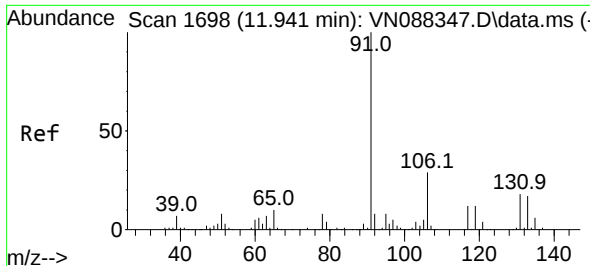
Ion Ratio Lower Upper

131 100

133 96.8 47.4 142.2

119 65.4 33.4 100.1

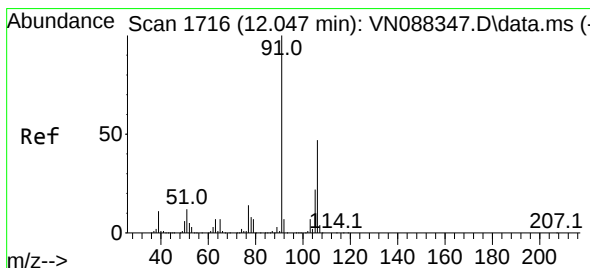
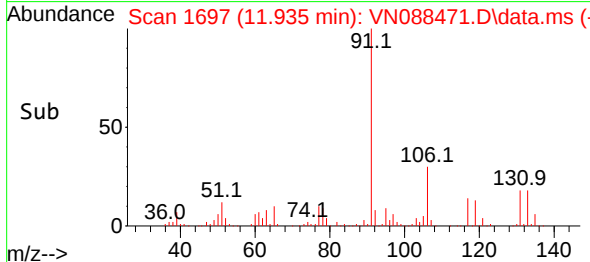
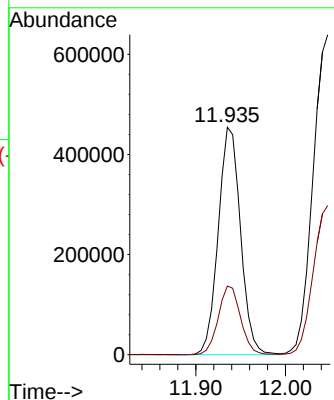
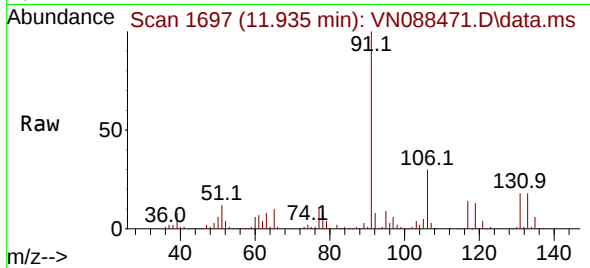




#67
Ethyl Benzene
Concen: 52.208 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

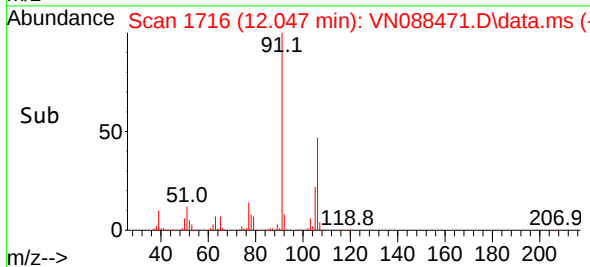
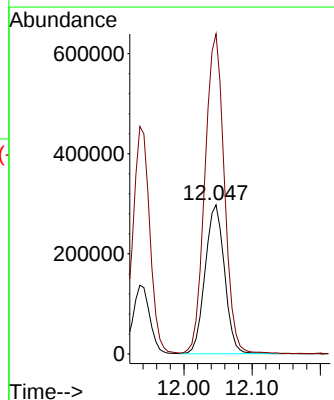
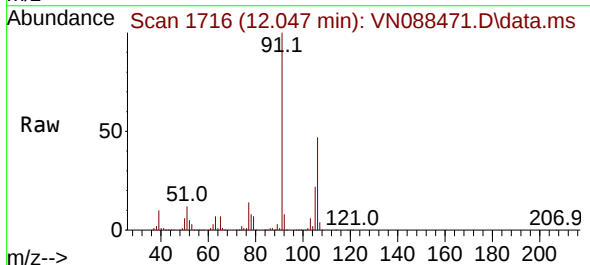
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

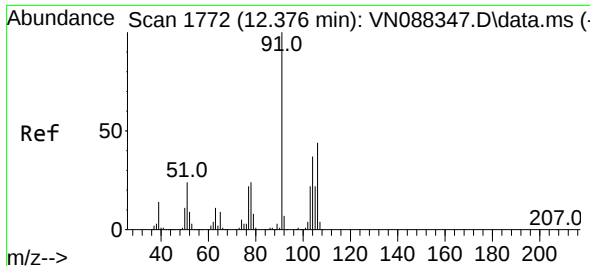
Tgt Ion: 91 Resp: 784196
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



#68
m/p-Xylenes
Concen: 105.865 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:106 Resp: 589581
Ion Ratio Lower Upper
106 100
91 214.9 167.8 251.6

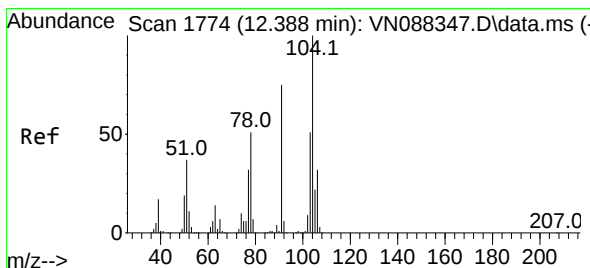
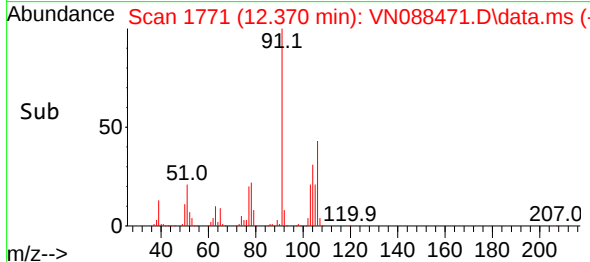
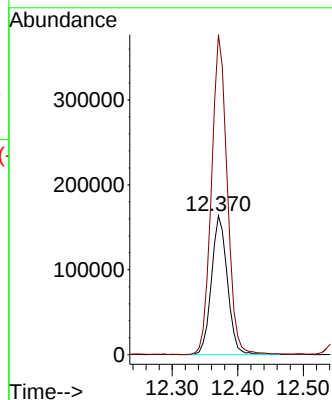
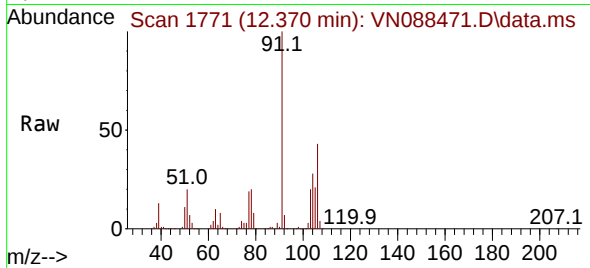




#69
o-Xylene
Concen: 51.984 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

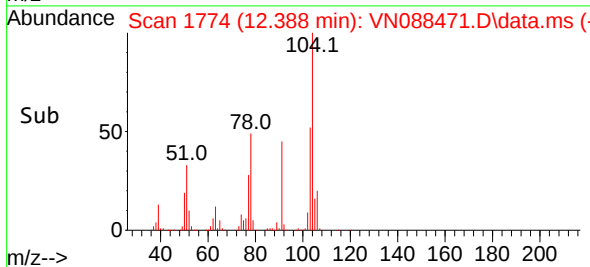
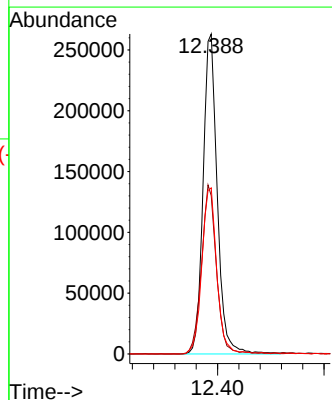
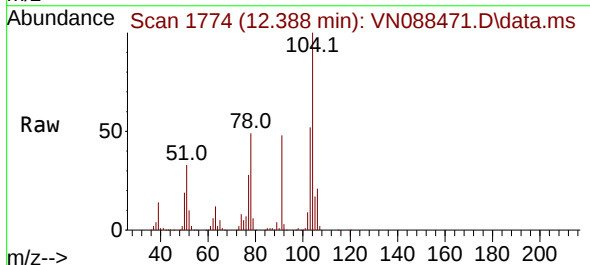
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

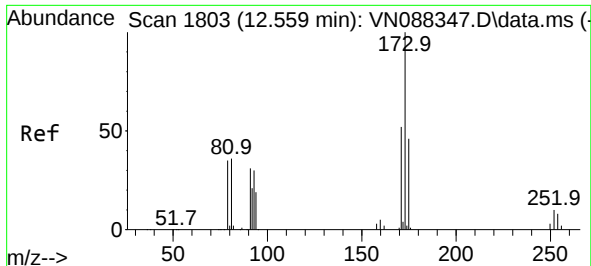
Tgt Ion:106 Resp: 276005
Ion Ratio Lower Upper
106 100
91 227.8 112.9 338.7



#70
Styrene
Concen: 56.150 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:104 Resp: 484073
Ion Ratio Lower Upper
104 100
78 55.9 44.3 66.5
103 55.1 44.2 66.4

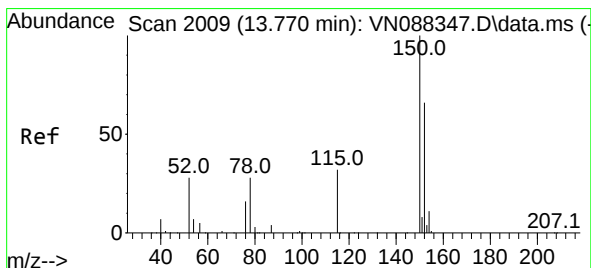
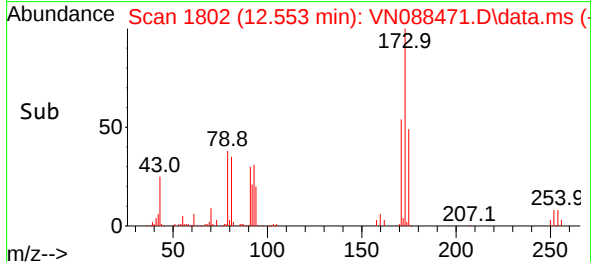
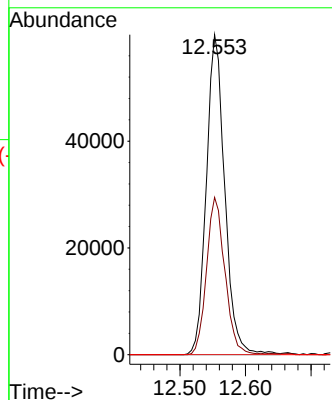
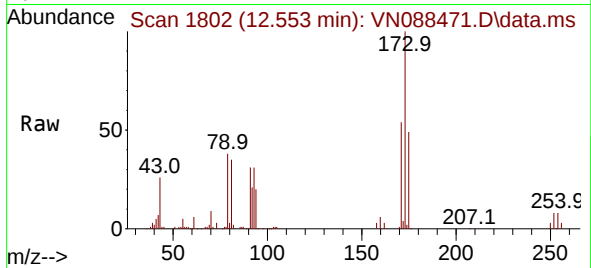




#71
Bromoform
Concen: 55.094 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

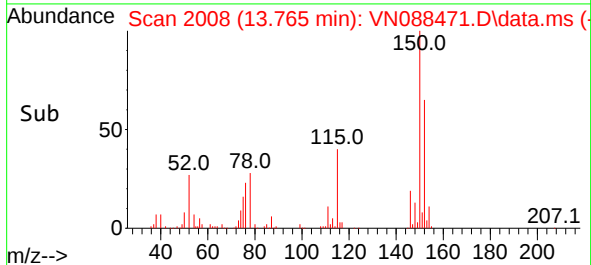
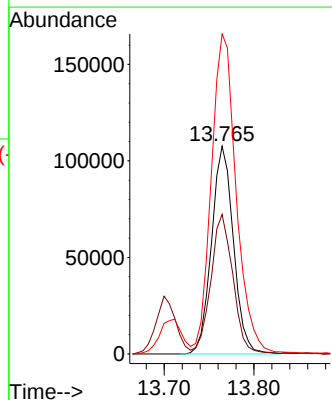
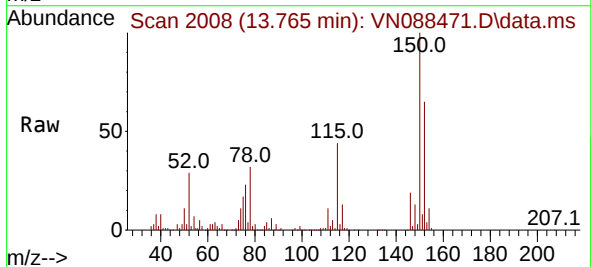
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

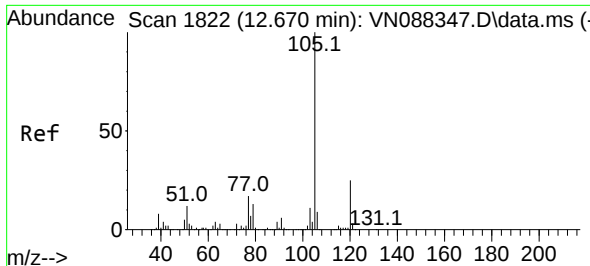
Tgt Ion:173 Resp: 116966
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:152 Resp: 183020
Ion Ratio Lower Upper
152 100
115 67.0 33.0 98.9
150 174.8 0.0 349.0

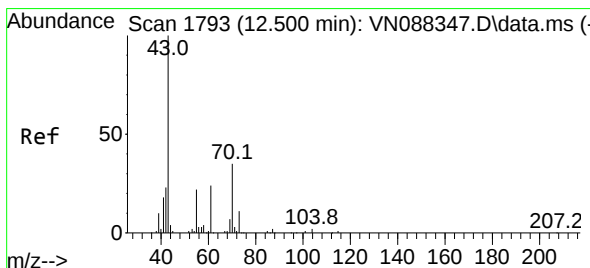
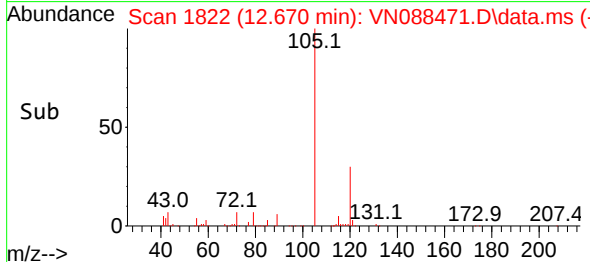
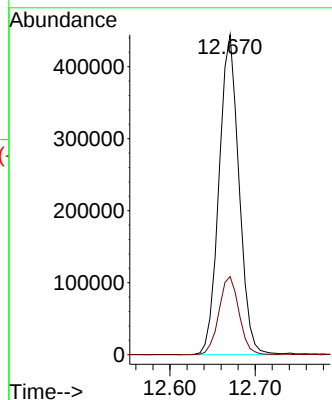
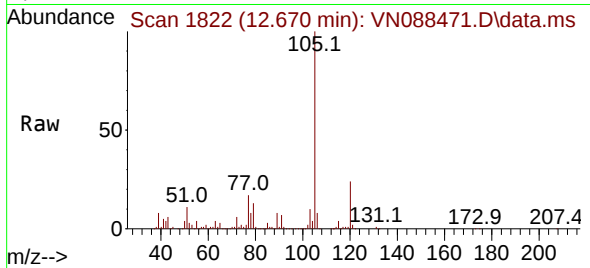




#73
Isopropylbenzene
Concen: 53.424 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

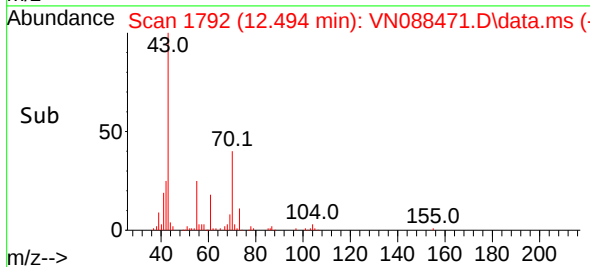
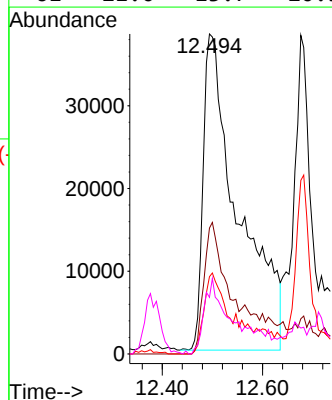
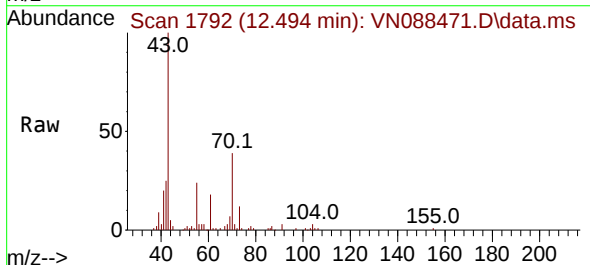
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

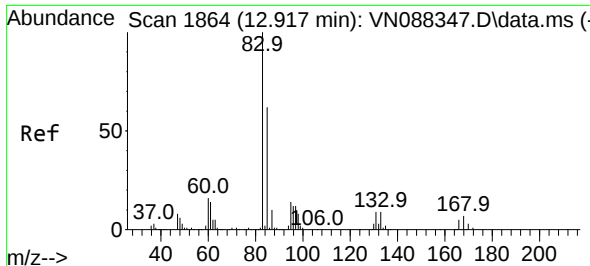
Tgt Ion:105 Resp: 722948
Ion Ratio Lower Upper
105 100
120 24.6 12.8 38.3



#74
N-ethyl acetate
Concen: 40.295 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 43 Resp: 185699
Ion Ratio Lower Upper
43 100
70 27.2 28.3 42.5#
55 14.9 17.7 26.5#
61 21.0 13.7 20.5#

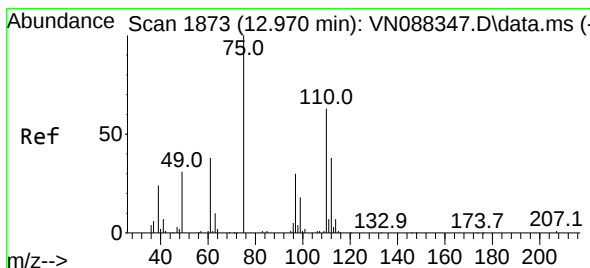
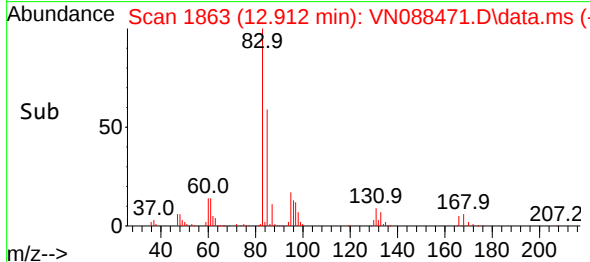
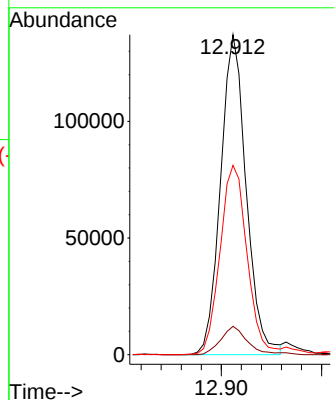
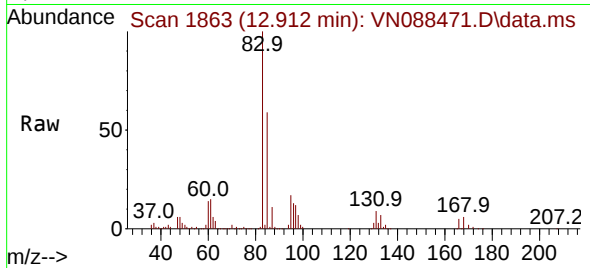




#75
1,1,2-Tetrachloroethane
Concen: 55.554 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

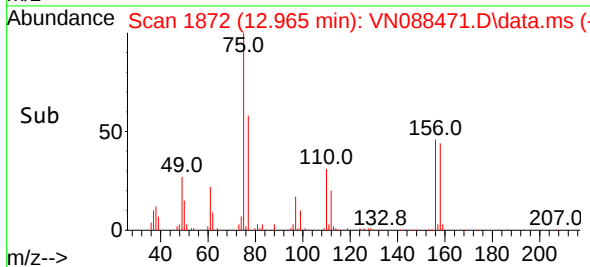
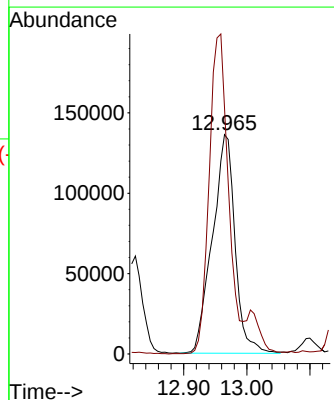
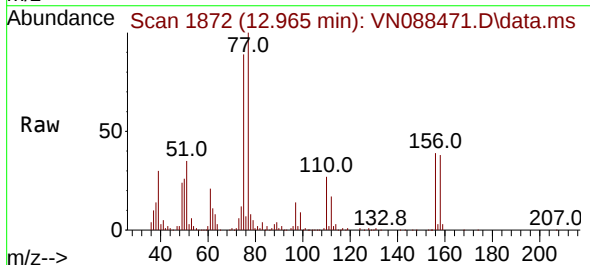
Instrument :
MSVOA_N
ClientSampleId :
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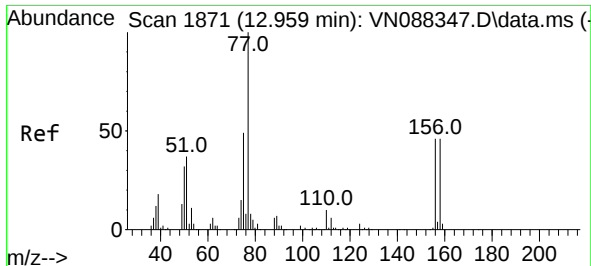
Tgt Ion: 83 Resp: 243036
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 62.4 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 79.083 ug/l
RT: 12.965 min Scan# 1872
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 75 Resp: 339003
Ion Ratio Lower Upper
75 100
77 124.1 87.2 261.6

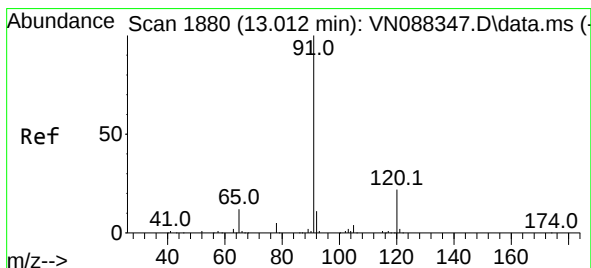
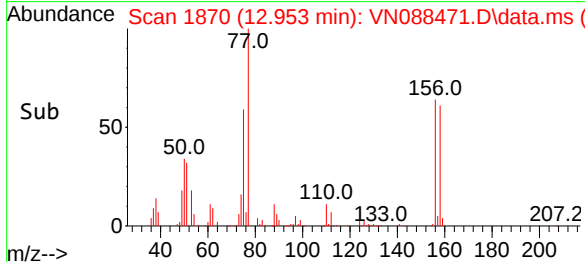
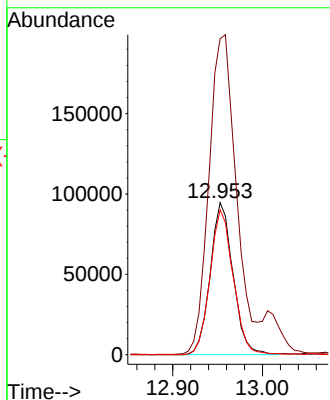
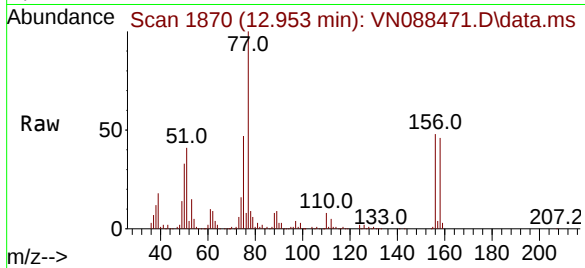




#77
Bromobenzene
Concen: 53.903 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

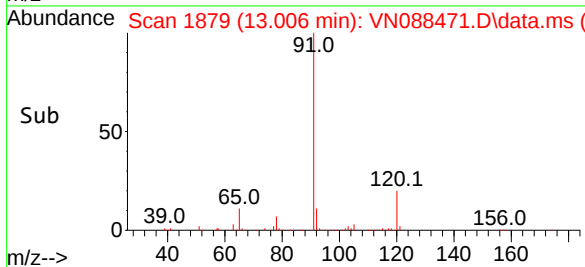
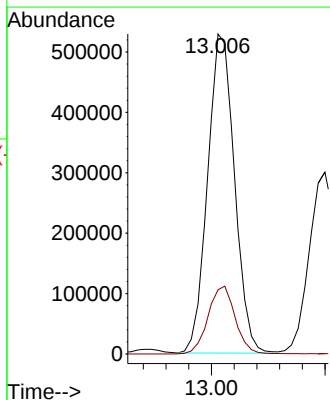
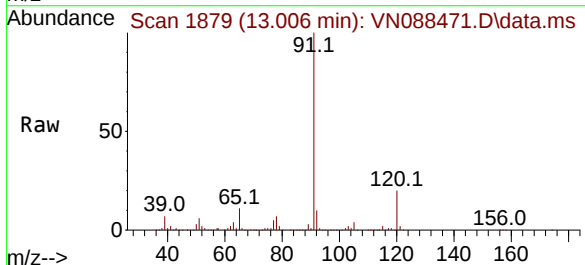
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

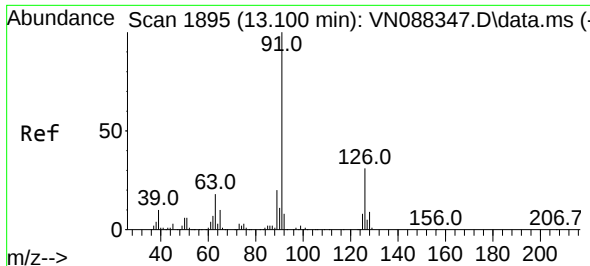
Tgt Ion:156 Resp: 166897
Ion Ratio Lower Upper
156 100
77 252.1 121.6 364.7
158 97.2 48.6 145.8



#78
n-propylbenzene
Concen: 52.553 ug/l
RT: 13.006 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 91 Resp: 870015
Ion Ratio Lower Upper
91 100
120 21.4 10.9 32.6

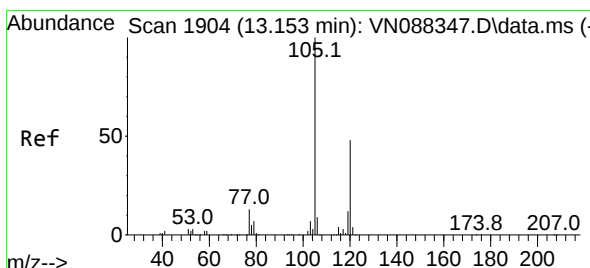
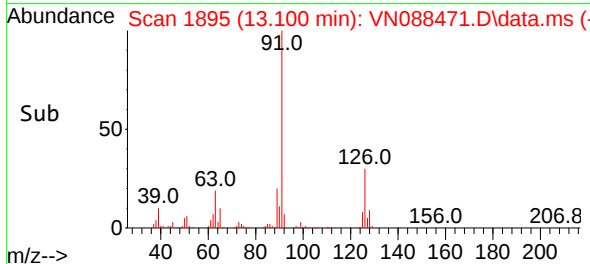
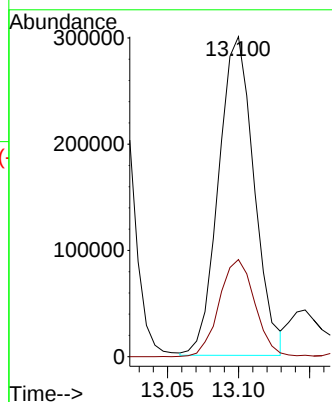
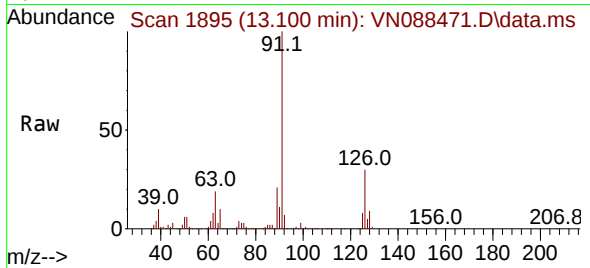




#79
2-Chlorotoluene
Concen: 51.700 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

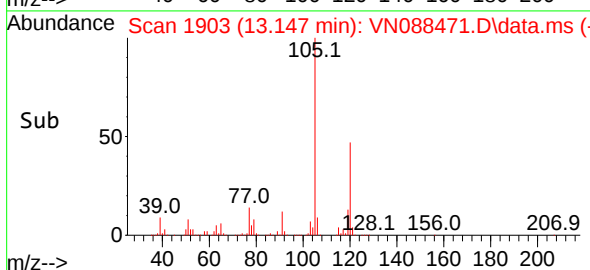
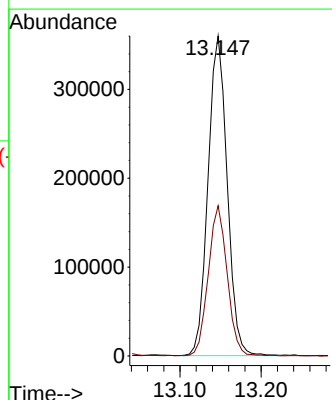
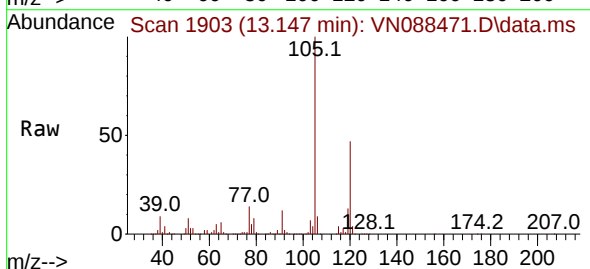
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

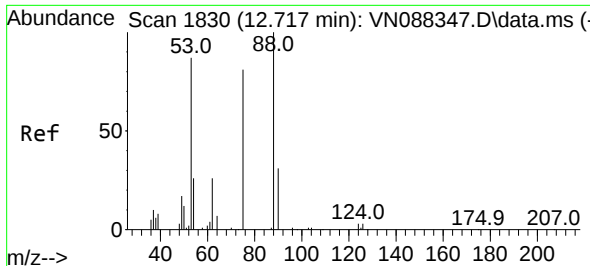
Tgt Ion: 91 Resp: 522669
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 52.472 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:105 Resp: 588385
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5

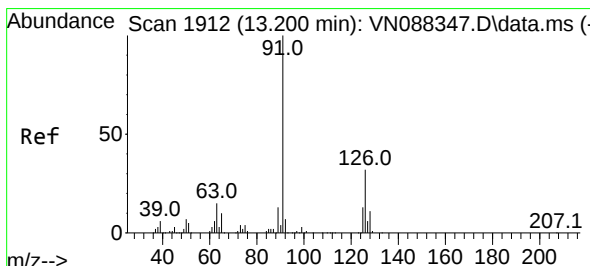
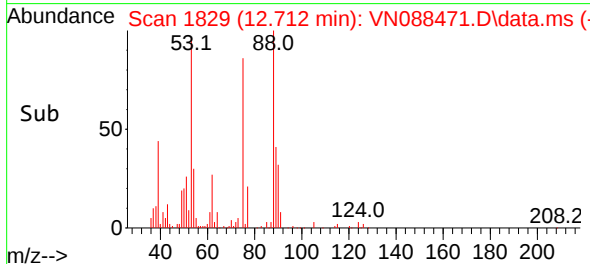
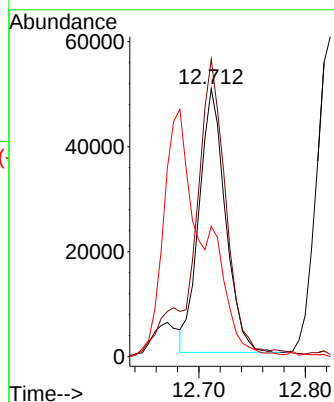
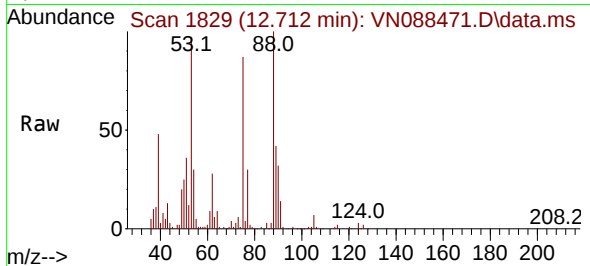




#81
trans-1,4-Dichloro-2-butene
Concen: 57.159 ug/l
RT: 12.712 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

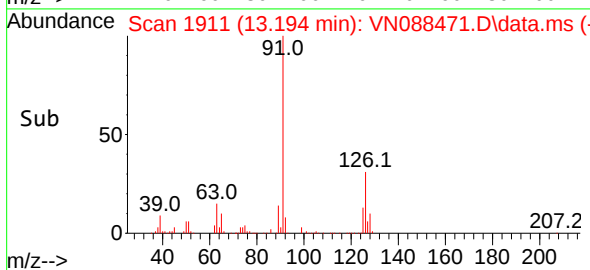
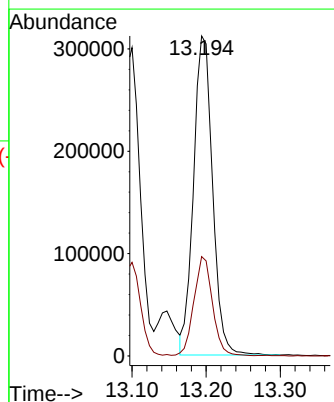
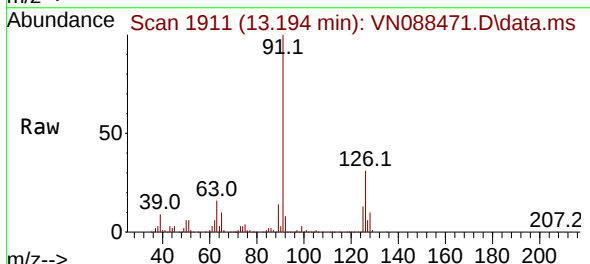
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

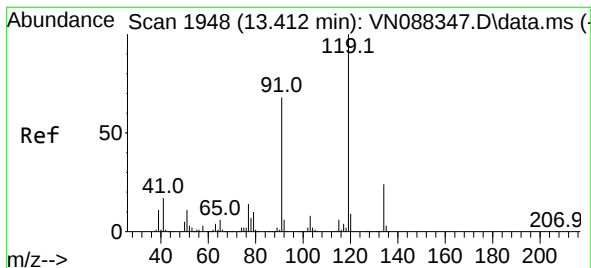
Tgt Ion: 75 Resp: 86368
Ion Ratio Lower Upper
75 100
53 134.1 92.2 138.4
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 55.380 ug/l
RT: 13.194 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 91 Resp: 556077
Ion Ratio Lower Upper
91 100
126 30.2 15.6 46.7

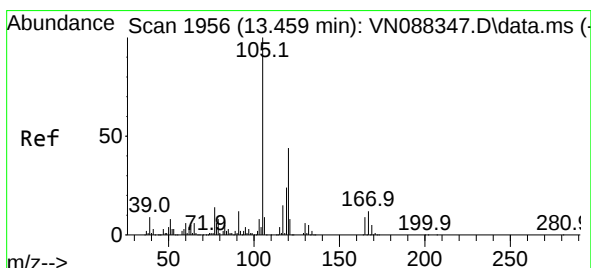
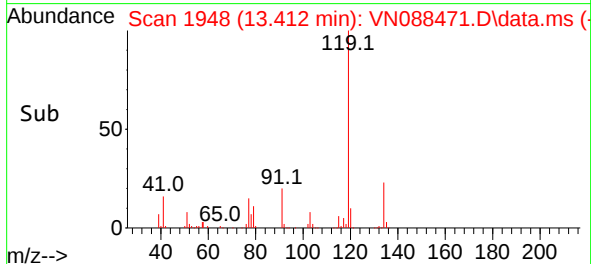
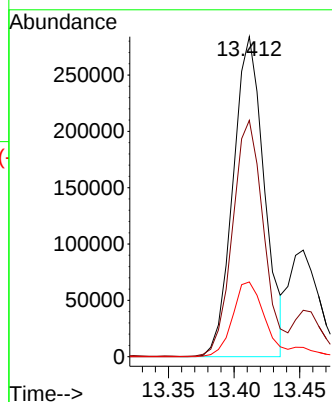
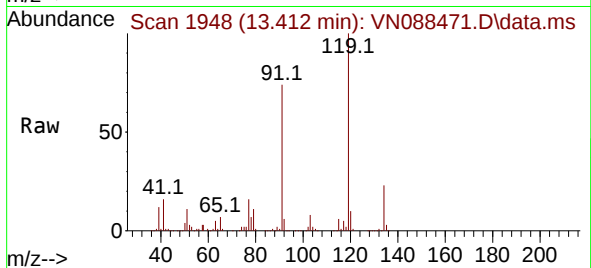




#83
tert-Butylbenzene
Concen: 49.373 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

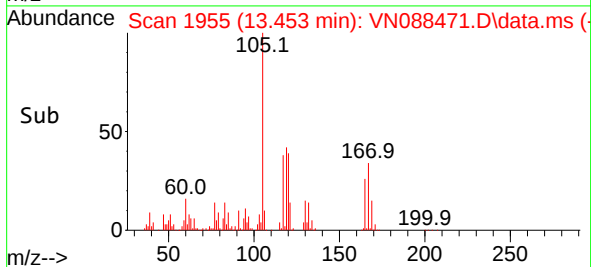
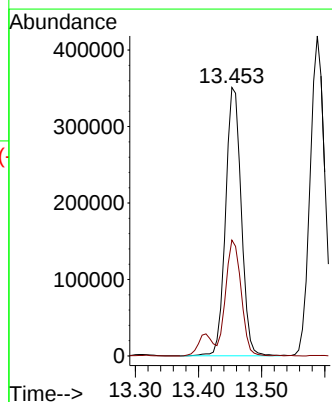
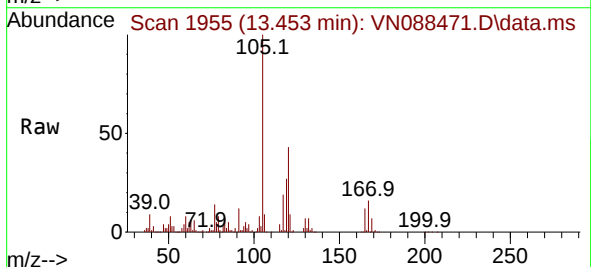
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

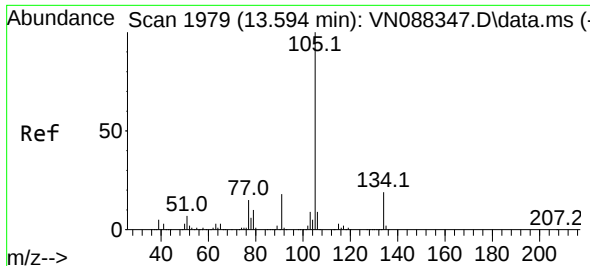
Tgt Ion:119 Resp: 470637
Ion Ratio Lower Upper
119 100
91 74.1 35.1 105.3
134 23.7 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 54.144 ug/l
RT: 13.453 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:105 Resp: 603464
Ion Ratio Lower Upper
105 100
120 42.1 22.1 66.1

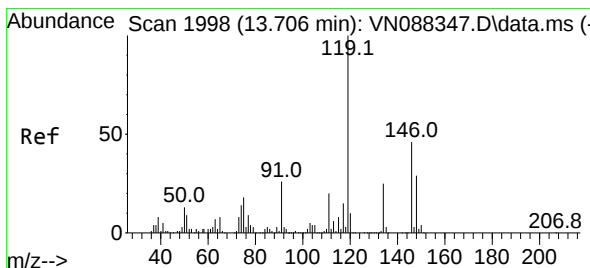
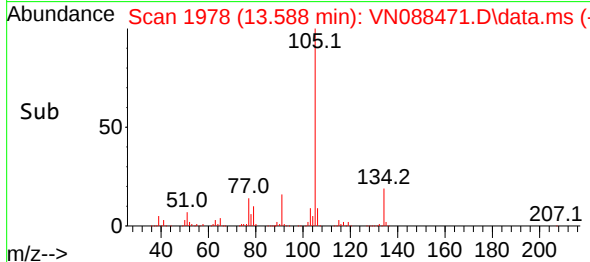
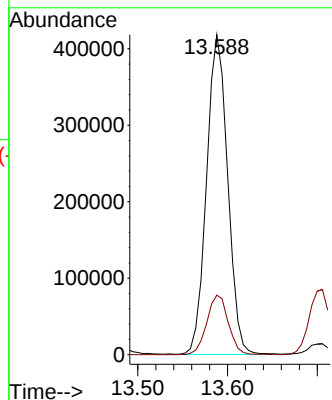
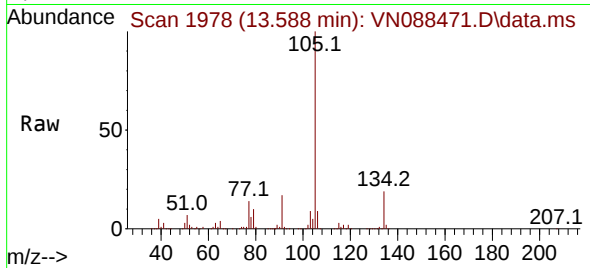




#85
 sec-Butylbenzene
 Concen: 49.859 ug/l
 RT: 13.588 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VN088471.D
 Acq: 09 Dec 2025 10:47

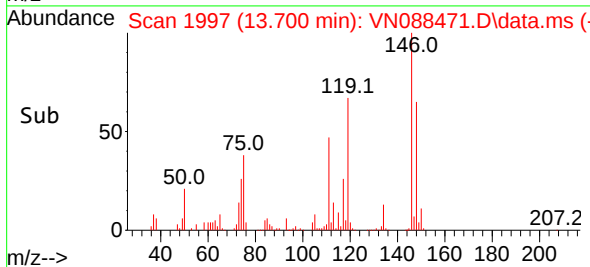
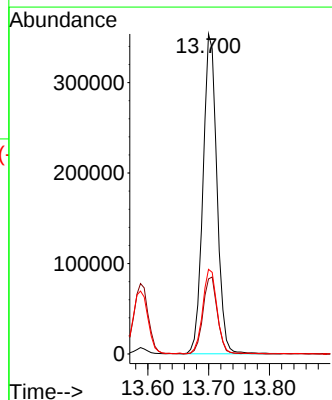
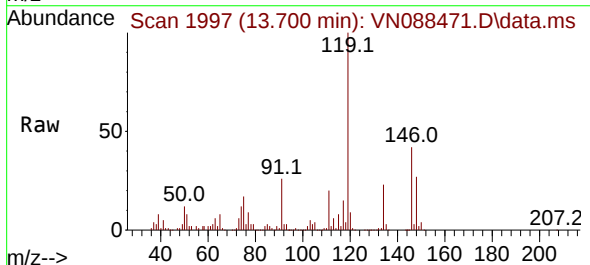
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

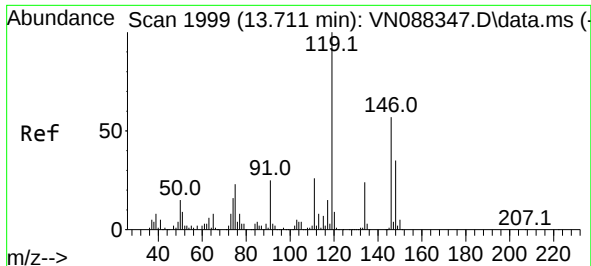
Tgt Ion:105 Resp: 682763
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 50.052 ug/l
 RT: 13.700 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: VN088471.D
 Acq: 09 Dec 2025 10:47

Tgt Ion:119 Resp: 562046
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.2 36.6
 91 27.3 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.711 ug/l

RT: 13.706 min Scan# 1999

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

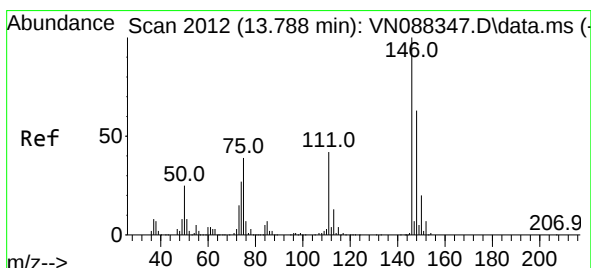
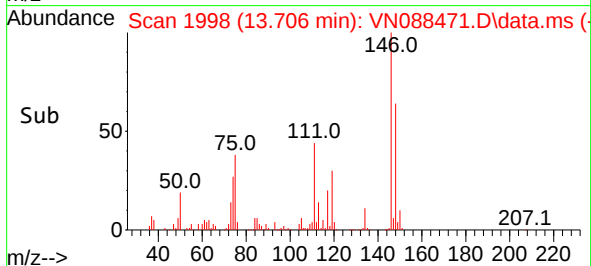
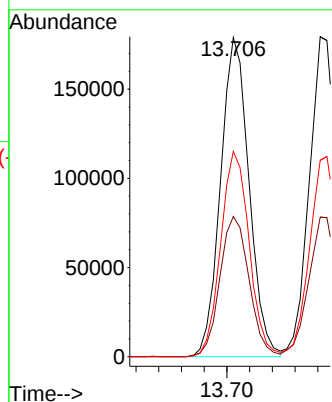
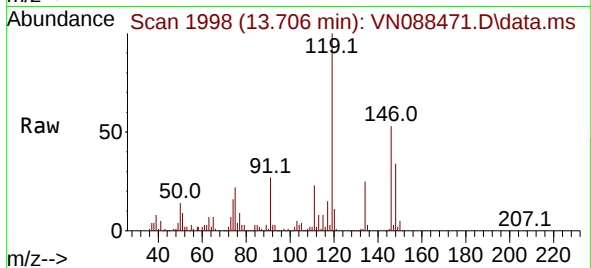
Tgt Ion:146 Resp: 311675

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.0

148 64.2 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 49.880 ug/l

RT: 13.782 min Scan# 2011

Delta R.T. -0.006 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

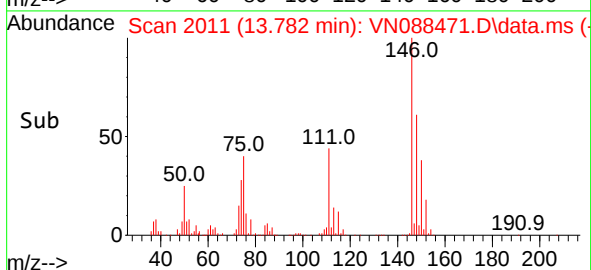
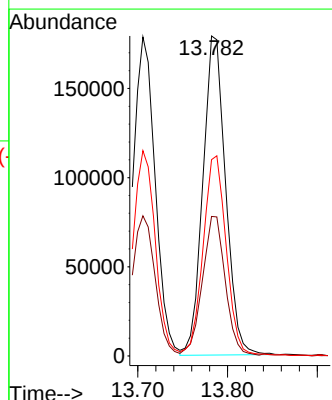
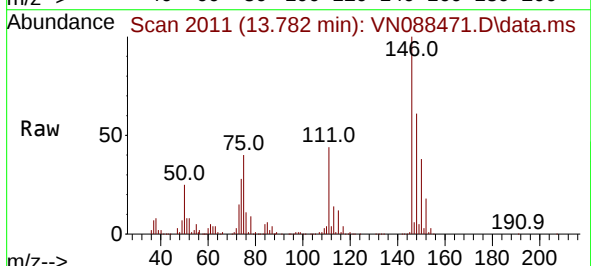
Tgt Ion:146 Resp: 314921

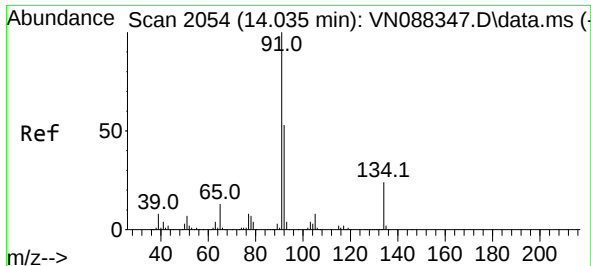
Ion Ratio Lower Upper

146 100

111 43.8 21.6 64.6

148 64.0 31.0 93.0

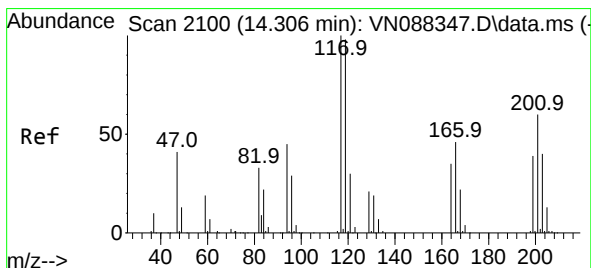
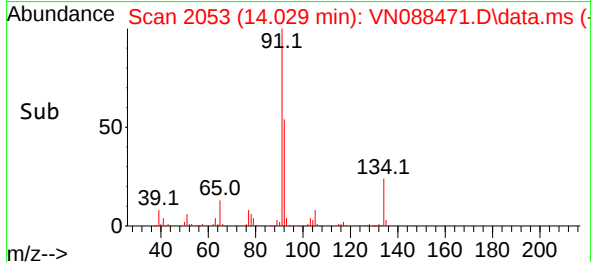
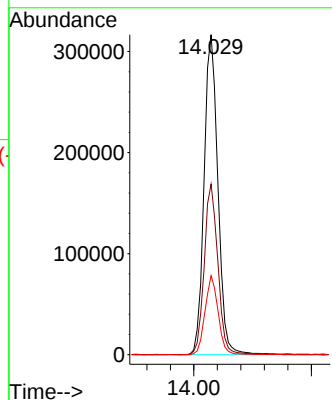
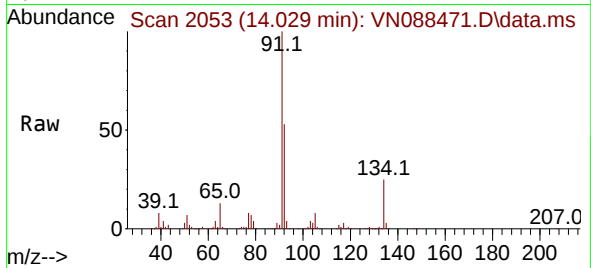




#89
n-Butylbenzene
Concen: 47.376 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

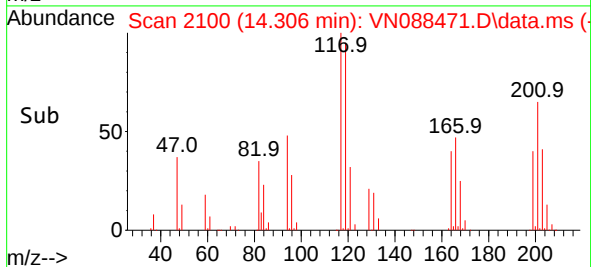
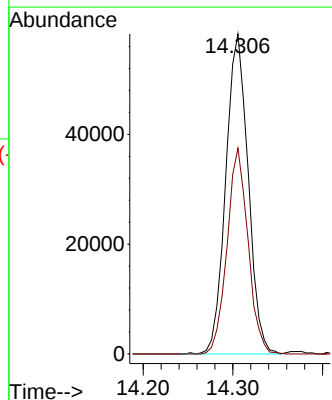
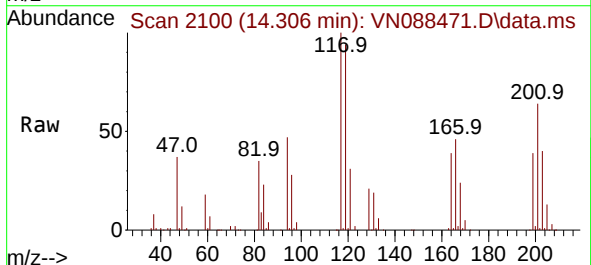
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

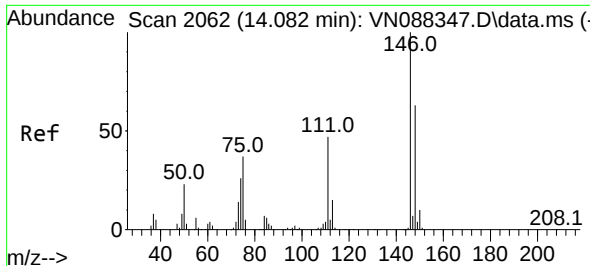
Tgt Ion: 91 Resp: 516536
Ion Ratio Lower Upper
91 100
92 52.4 26.1 78.3
134 23.4 11.7 35.1



#90
Hexachloroethane
Concen: 49.165 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 117 Resp: 100854
Ion Ratio Lower Upper
117 100
201 60.2 30.3 90.9

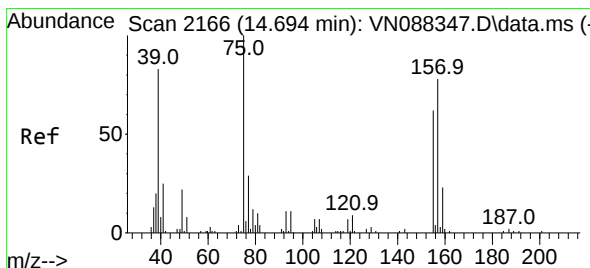
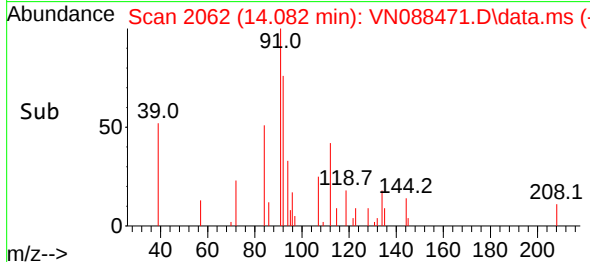
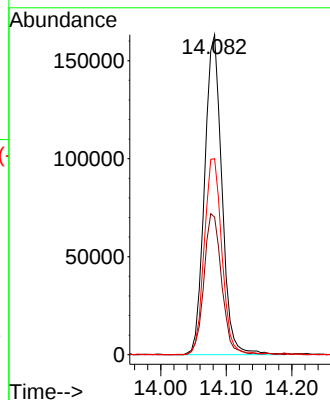
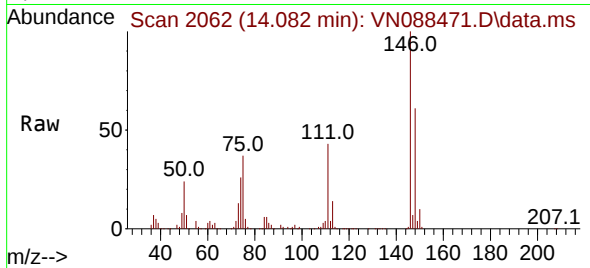




#91
1,2-Dichlorobenzene
Concen: 52.885 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

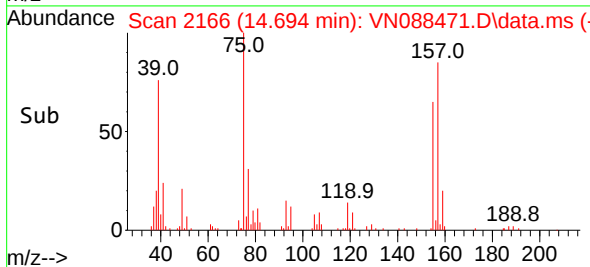
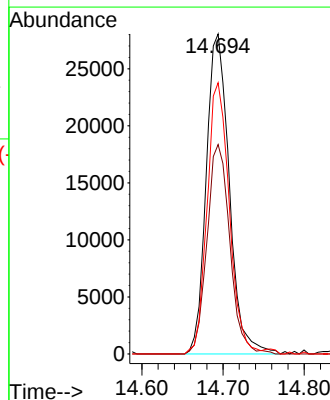
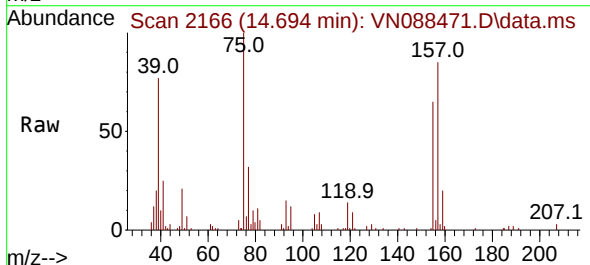
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

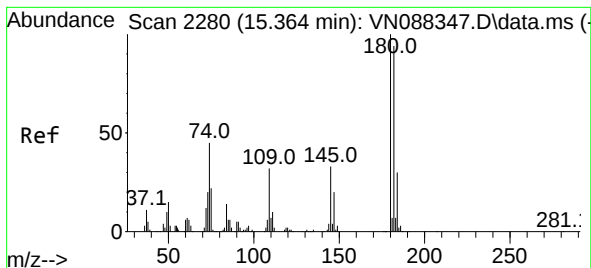
Tgt Ion:146 Resp: 299959
Ion Ratio Lower Upper
146 100
111 45.1 23.3 69.9
148 62.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.009 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion: 75 Resp: 55204
Ion Ratio Lower Upper
75 100
155 65.0 33.7 101.1
157 81.7 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 45.902 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

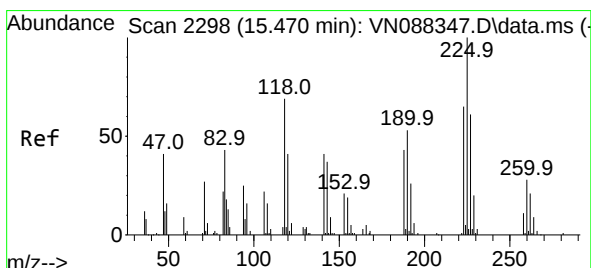
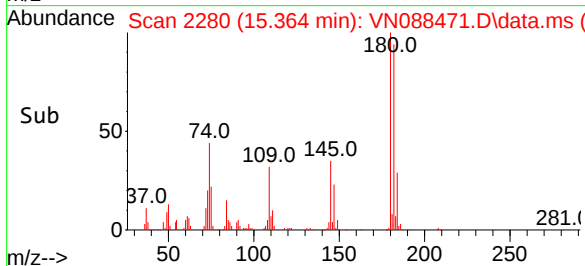
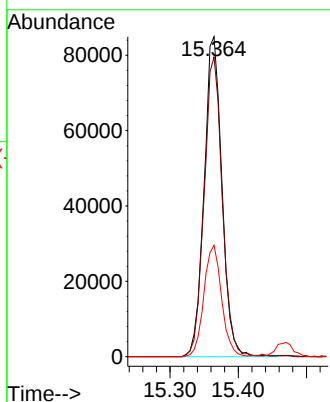
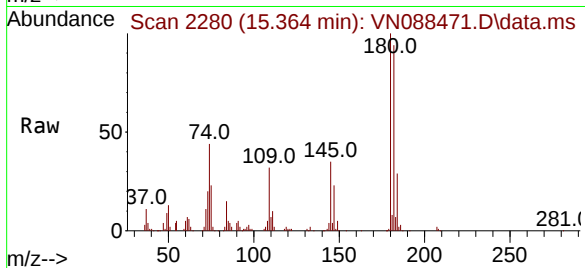
Tgt Ion:180 Resp: 154692

Ion Ratio Lower Upper

180 100

182 94.9 46.1 138.2

145 34.7 16.7 50.1



#94

Hexachlorobutadiene

Concen: 42.168 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088471.D

Acq: 09 Dec 2025 10:47

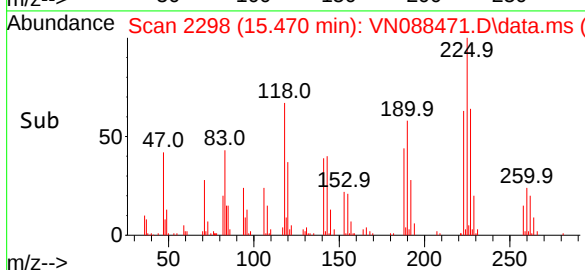
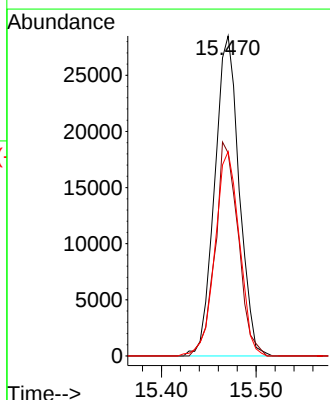
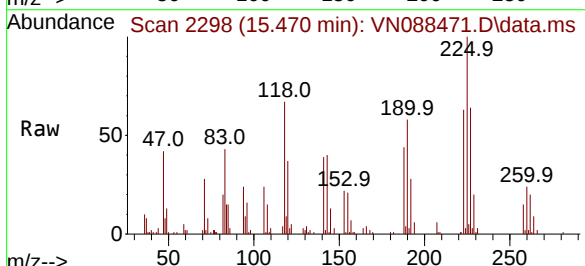
Tgt Ion:225 Resp: 51066

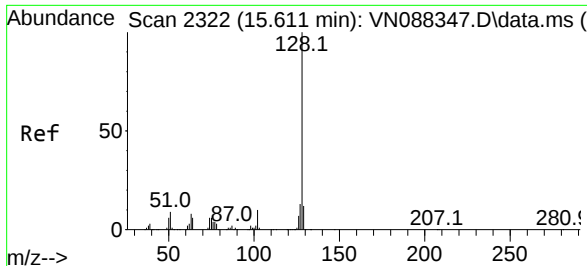
Ion Ratio Lower Upper

225 100

223 63.4 32.3 96.8

227 63.9 29.9 89.8

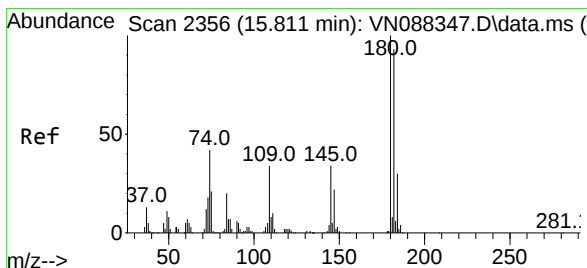
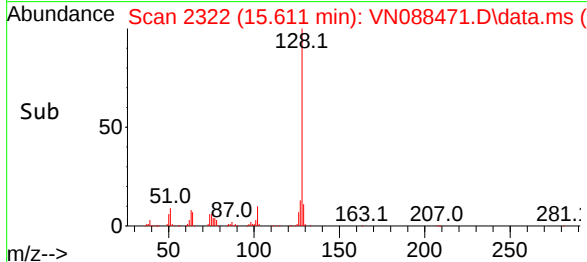
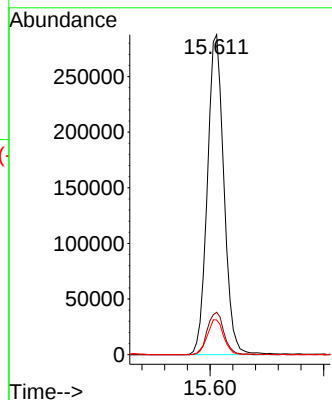
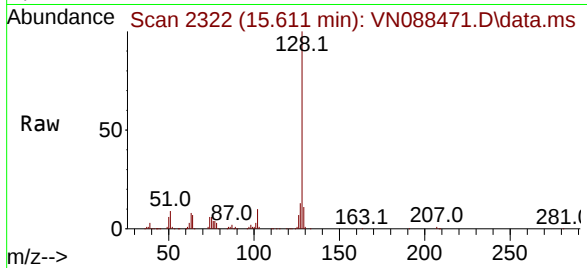




#95
Naphthalene
Concen: 49.667 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 580009
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.7 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 46.974 ug/l
RT: 15.806 min Scan# 2355
Delta R.T. -0.006 min
Lab File: VN088471.D
Acq: 09 Dec 2025 10:47

Tgt Ion:180 Resp: 154063
Ion Ratio Lower Upper
180 100
182 93.9 45.9 137.7
145 36.2 17.8 53.4

