

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
 Data File : VN088087.D
 Acq On : 24 Oct 2025 12:28
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Oct 25 01:00:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	337154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	612856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	535872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	271470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	310900	53.327	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.660%	
35) Dibromofluoromethane	8.147	113	211540	51.380	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.760%	
50) Toluene-d8	10.547	98	815442	51.401	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.829	95	300739	53.678	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.360%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	199100	52.352	ug/l	97
3) Chloromethane	2.383	50	225215	50.337	ug/l	96
4) Vinyl Chloride	2.536	62	244689	50.193	ug/l	97
5) Bromomethane	2.977	94	132237	45.351	ug/l	96
6) Chloroethane	3.142	64	157315	44.789	ug/l	100
7) Trichlorofluoromethane	3.512	101	363230	46.716	ug/l	98
8) Diethyl Ether	3.959	74	137964	47.742	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	199267	49.665	ug/l	98
10) Methyl Iodide	4.583	142	199689	50.429	ug/l	99
11) Tert butyl alcohol	5.518	59	268117	266.943	ug/l	98
12) 1,1-Dichloroethene	4.336	96	197071	46.505	ug/l	98
13) Acrolein	4.177	56	275051	243.457	ug/l	98
14) Allyl chloride	5.018	41	377824	50.867	ug/l	97
15) Acrylonitrile	5.706	53	724750	264.900	ug/l	98
16) Acetone	4.424	43	644644	220.093	ug/l	100
17) Carbon Disulfide	4.706	76	656025	50.927	ug/l	99
18) Methyl Acetate	5.012	43	326795	54.499	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	799757	51.390	ug/l	99
20) Methylene Chloride	5.271	84	242631	53.173	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	226080	48.604	ug/l	99
22) Diisopropyl ether	6.659	45	819311	52.450	ug/l	99
23) Vinyl Acetate	6.588	43	3807636	270.604	ug/l	98
24) 1,1-Dichloroethane	6.553	63	452412	52.284	ug/l	98
25) 2-Butanone	7.465	43	999804	259.021	ug/l	99
26) 2,2-Dichloropropane	7.471	77	371374	47.229	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	268608	50.162	ug/l	96
28) Bromochloromethane	7.794	49	210598	51.510	ug/l	98
29) Tetrahydrofuran	7.824	42	649648	258.255	ug/l	100
30) Chloroform	7.953	83	450477	52.112	ug/l	98
31) Cyclohexane	8.241	56	401946	49.253	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	390640	50.738	ug/l	98
36) 1,1-Dichloropropene	8.353	75	322246	53.604	ug/l	100
37) Ethyl Acetate	7.547	43	413551	53.308	ug/l	98
38) Carbon Tetrachloride	8.347	117	336548	54.204	ug/l	98
39) Methylcyclohexane	9.582	83	396751	51.345	ug/l	97
40) Benzene	8.588	78	967079	52.823	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	211373	51.768	ug/l	99
42) 1,2-Dichloroethane	8.653	62	372469	57.258	ug/l	99
43) Isopropyl Acetate	8.671	43	651226	54.629	ug/l	98
44) Trichloroethene	9.329	130	223305	52.183	ug/l	100
45) 1,2-Dichloropropane	9.600	63	244503	52.900	ug/l	100
46) Dibromomethane	9.688	93	178291	54.086	ug/l	98
47) Bromodichloromethane	9.865	83	362409	54.911	ug/l	96
48) Methyl methacrylate	9.659	41	309271	56.194	ug/l	99
49) 1,4-Dioxane	9.676	88	80363	1174.026	ug/l #	96
51) 4-Methyl-2-Pentanone	10.423	43	1981478	280.973	ug/l	99
52) Toluene	10.606	92	581252	51.494	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	376544	53.605	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	397855	53.376	ug/l	100
55) 1,1,2-Trichloroethane	10.994	97	219605	51.280	ug/l	96
56) Ethyl methacrylate	10.853	69	387450	57.172	ug/l	98
57) 1,3-Dichloropropane	11.141	76	403978	53.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1010759	286.733	ug/l	99
59) 2-Hexanone	11.176	43	1361758	291.082	ug/l	99
60) Dibromochloromethane	11.341	129	257497	52.902	ug/l	99
61) 1,2-Dibromoethane	11.447	107	228938	51.945	ug/l	100
64) Tetrachloroethene	11.082	164	183631	51.951	ug/l	96
65) Chlorobenzene	11.870	112	633784	52.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	215385	54.029	ug/l	99
67) Ethyl Benzene	11.941	91	1141551	53.447	ug/l	100
68) m/p-Xylenes	12.047	106	853981	106.712	ug/l	100
69) o-Xylene	12.376	106	409468	53.975	ug/l	100
70) Styrene	12.388	104	703114	56.837	ug/l	98
71) Bromoform	12.559	173	165388	55.593	ug/l #	96
73) Isopropylbenzene	12.670	105	1089078	52.015	ug/l	100
74) N-amyl acetate	12.500	43	233779	39.332	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.917	83	335898	51.529	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	461095	74.291	ug/l	63
77) Bromobenzene	12.959	156	237140	52.523	ug/l	96
78) n-propylbenzene	13.012	91	1348956	52.794	ug/l	100
79) 2-Chlorotoluene	13.100	91	794466	54.522	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	927822	53.357	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	110401	49.619	ug/l	89
82) 4-Chlorotoluene	13.200	91	818082	51.893	ug/l	99
83) tert-Butylbenzene	13.412	119	800354	51.524	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	938035	53.917	ug/l	99
85) sec-Butylbenzene	13.594	105	1168949	51.220	ug/l	100
86) p-Isopropyltoluene	13.706	119	979692	53.512	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	473261	52.507	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	476413	49.213	ug/l	98
89) n-Butylbenzene	14.029	91	948738	52.316	ug/l	99
90) Hexachloroethane	14.306	117	180337	50.866	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	443181	51.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	80098	52.792	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	273803	52.036	ug/l	99
94) Hexachlorobutadiene	15.476	225	102659	52.391	ug/l	98
95) Naphthalene	15.611	128	938860	52.085	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	258257	51.188	ug/l	98

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ClientSampleId :
VSTDCCC050

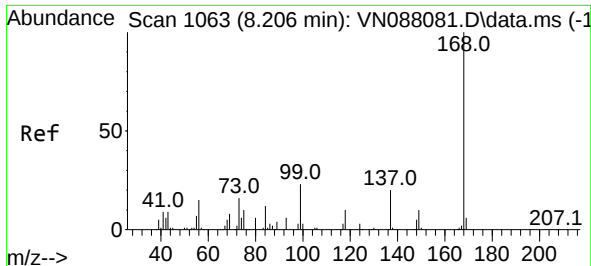
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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

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

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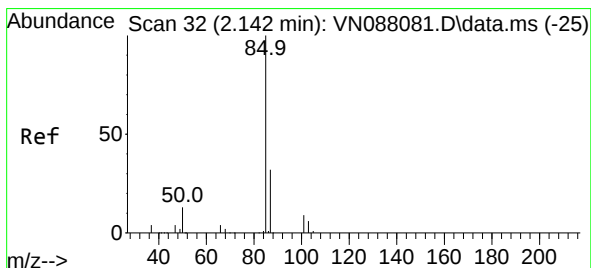
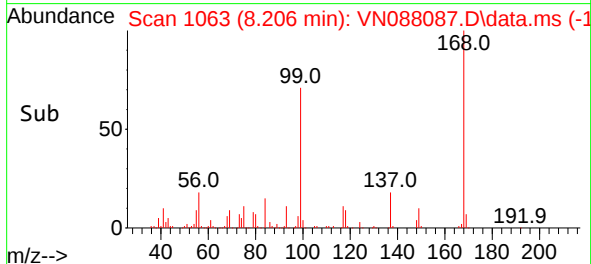
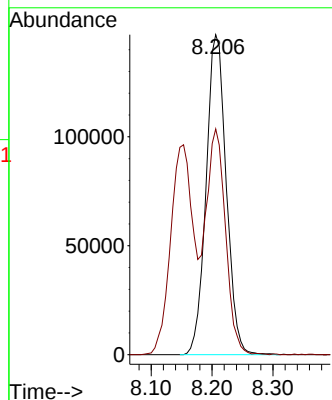
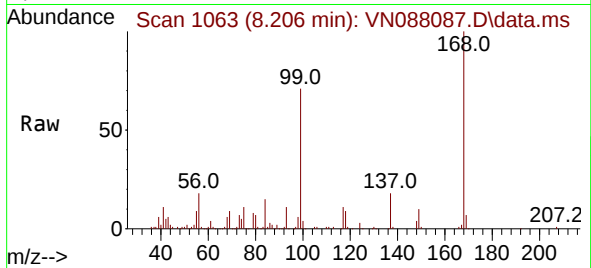




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088087.D
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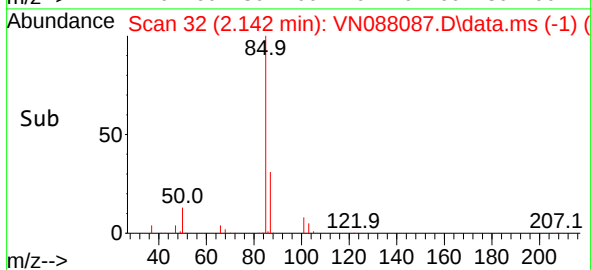
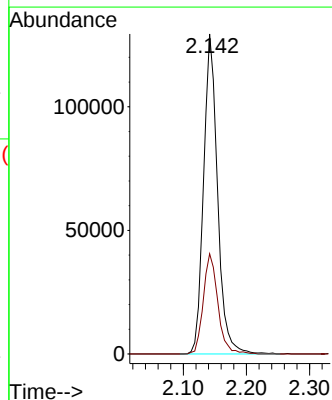
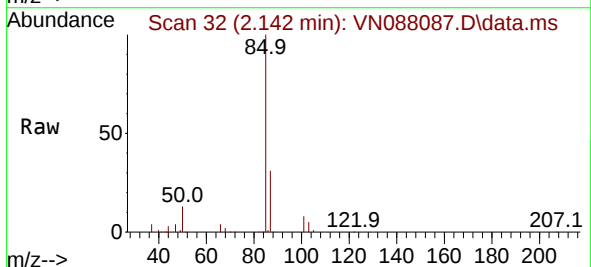
Instrument :
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VSTDCCC050

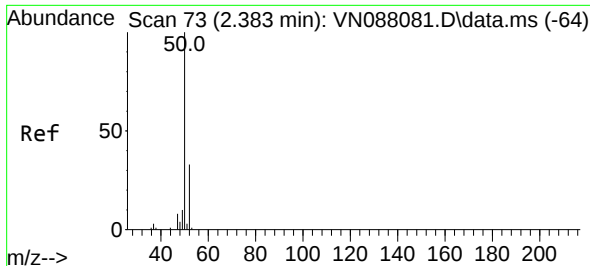
Tgt Ion:168 Resp: 337154
Ion Ratio Lower Upper
168 100
99 70.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 52.352 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 85 Resp: 199100
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.8

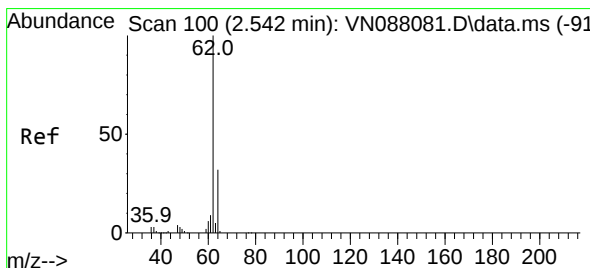
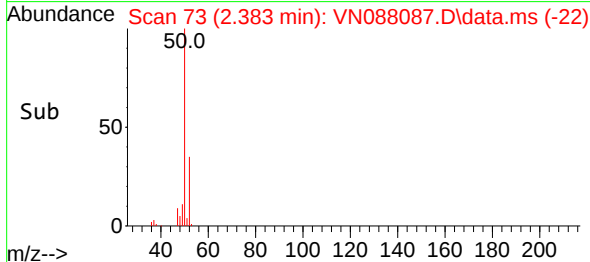
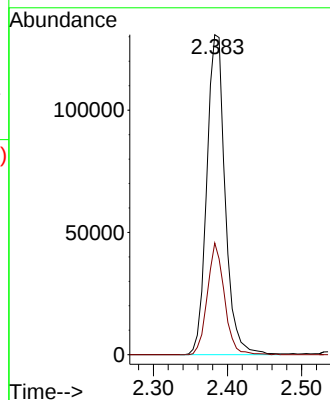
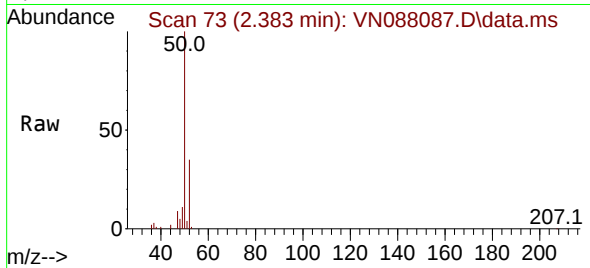




#3
Chloromethane
Concen: 50.337 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

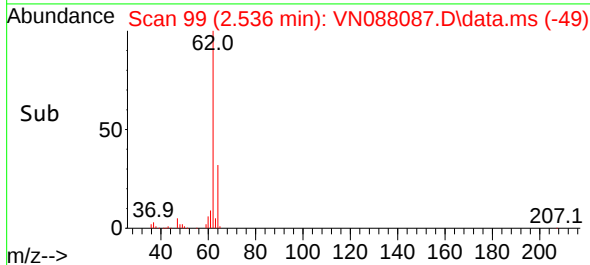
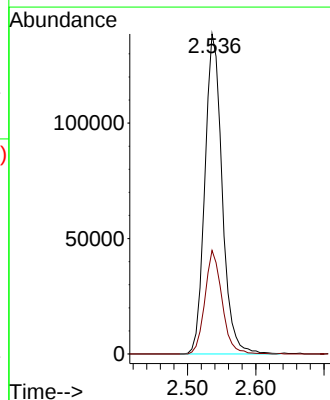
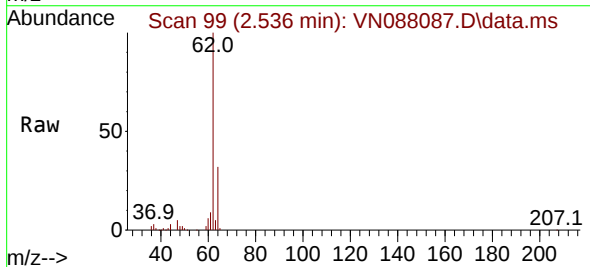
Instrument :
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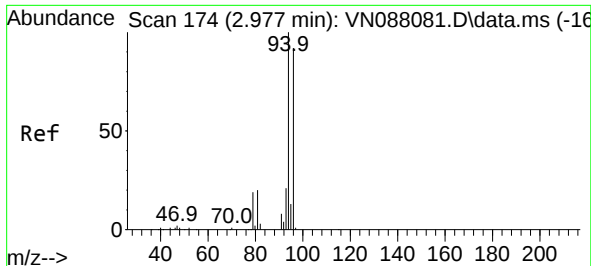
Tgt Ion: 50 Resp: 225215
Ion Ratio Lower Upper
50 100
52 34.9 26.2 39.4



#4
Vinyl Chloride
Concen: 50.193 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 62 Resp: 244689
Ion Ratio Lower Upper
62 100
64 32.4 24.6 37.0

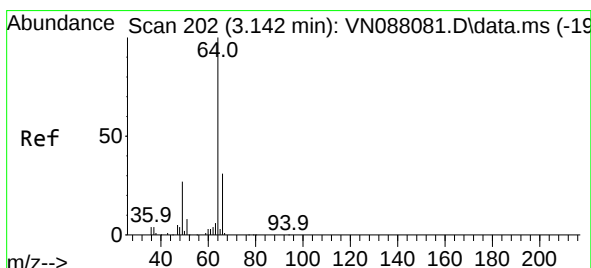
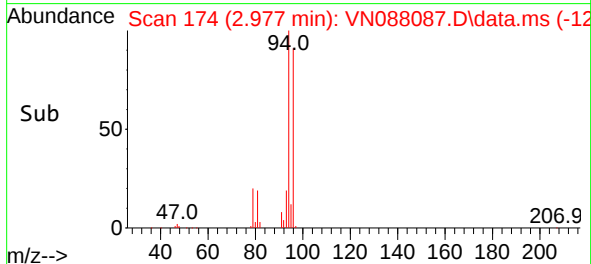
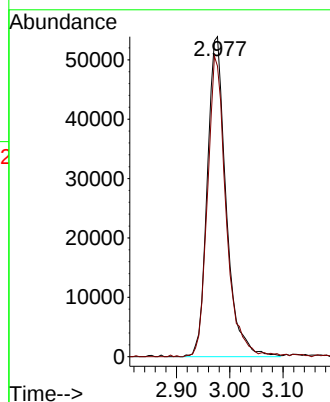
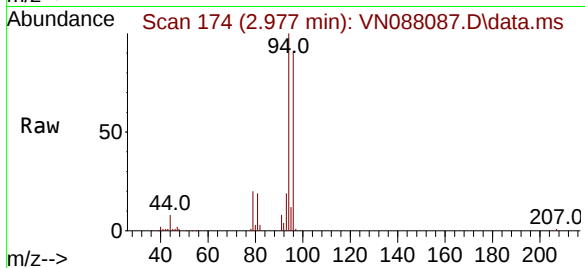




#5
Bromomethane
Concen: 45.351 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

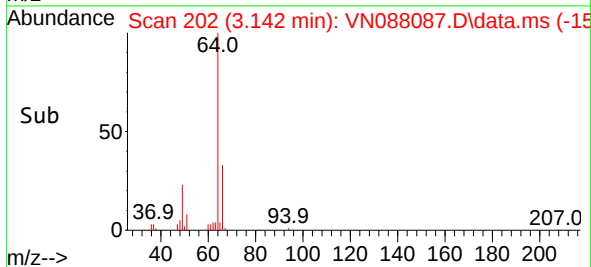
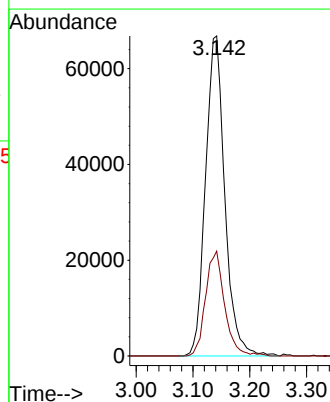
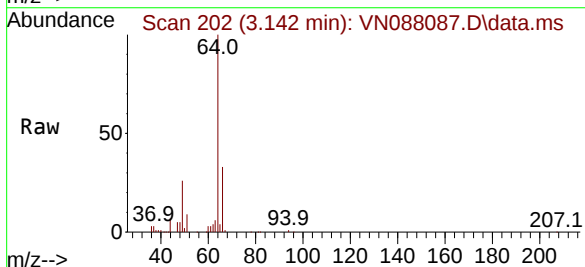
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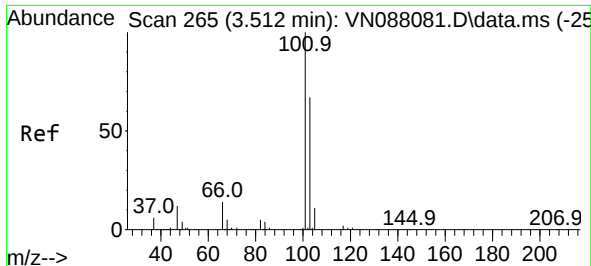
Tgt Ion: 94 Resp: 132237
Ion Ratio Lower Upper
94 100
96 90.8 75.4 113.2



#6
Chloroethane
Concen: 44.789 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 64 Resp: 157315
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.2

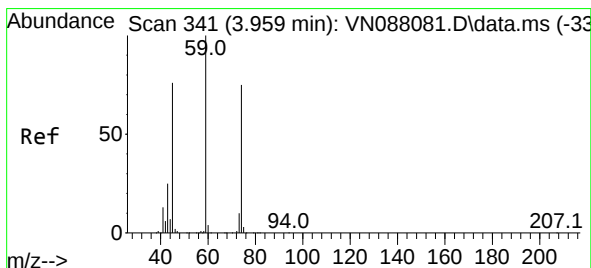
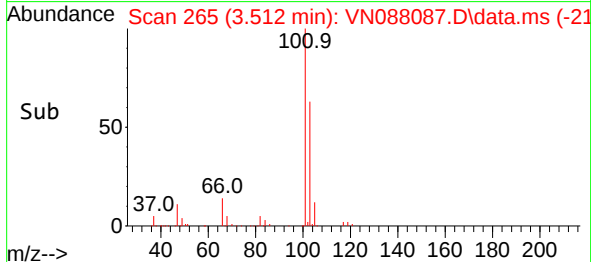
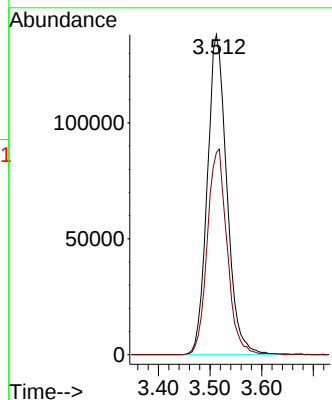
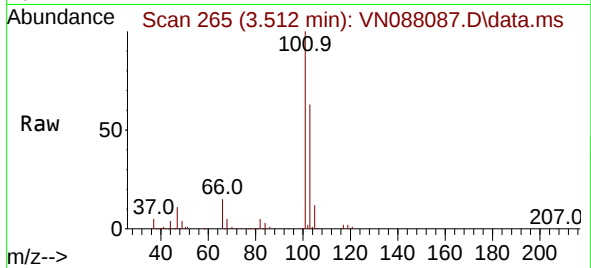




#7
 Trichlorofluoromethane
 Concen: 46.716 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

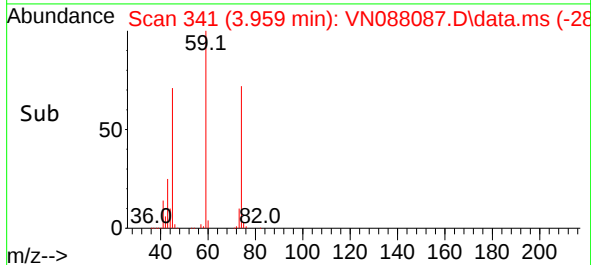
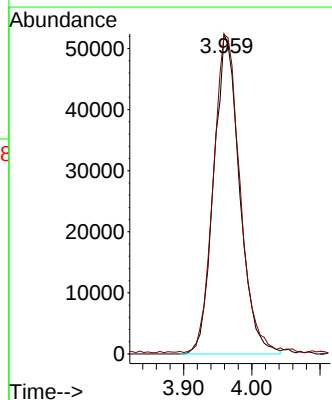
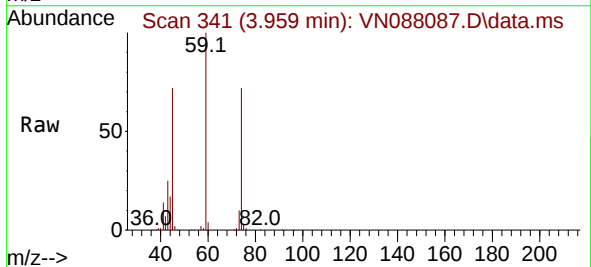
Instrument :
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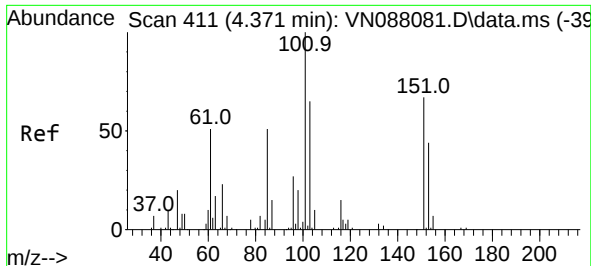
Tgt Ion:101 Resp: 363230
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.4 74.0



#8
 Diethyl Ether
 Concen: 47.742 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

Tgt Ion: 74 Resp: 137964
 Ion Ratio Lower Upper
 74 100
 45 102.7 50.6 151.9

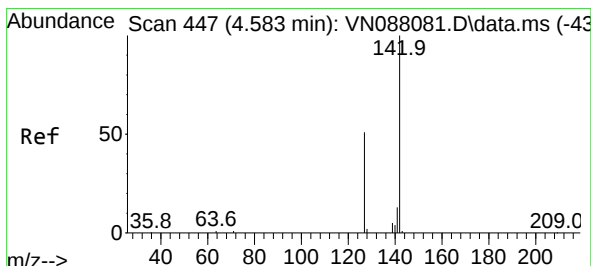
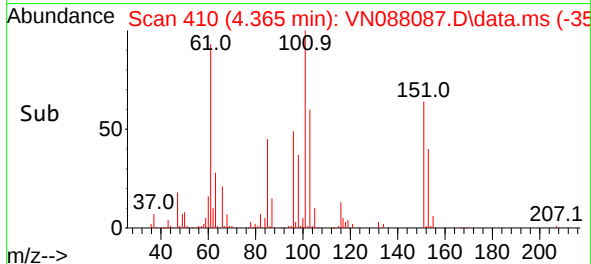
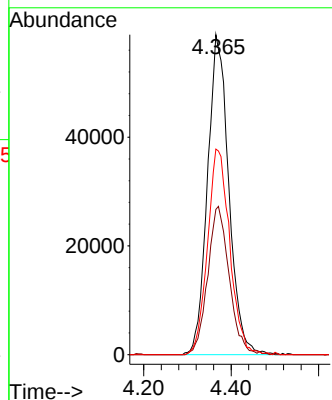
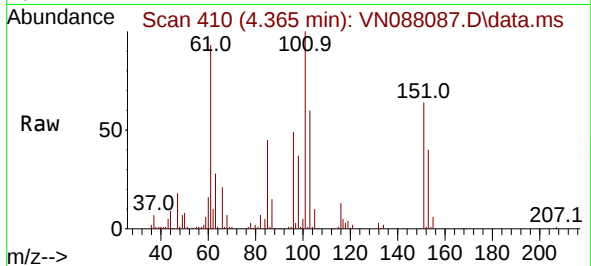




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.665 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

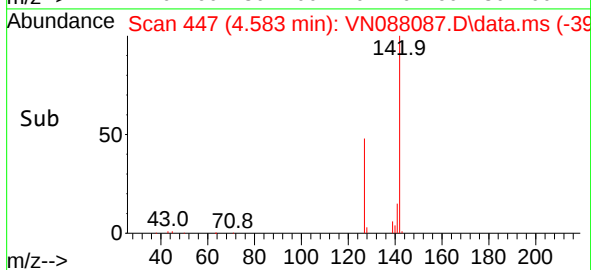
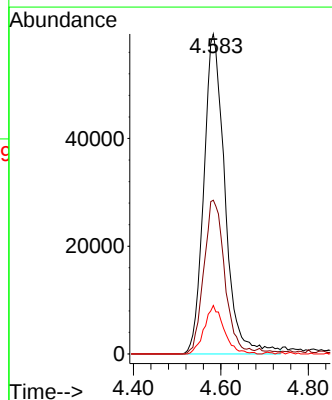
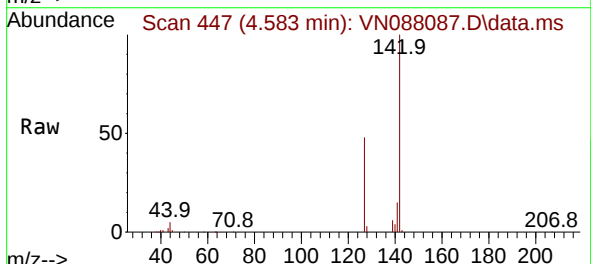
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

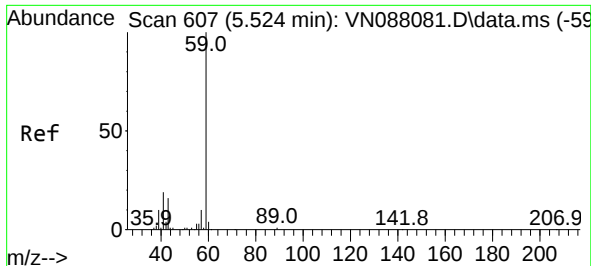
Tgt Ion:101 Resp: 199267
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 67.2 54.7 82.1



#10
Methyl Iodide
Concen: 50.429 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion:142 Resp: 199689
Ion Ratio Lower Upper
142 100
127 48.1 38.0 57.0
141 15.2 12.0 18.0

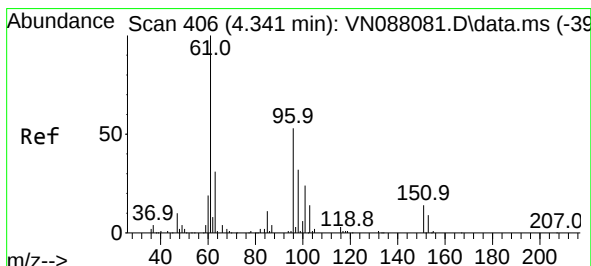
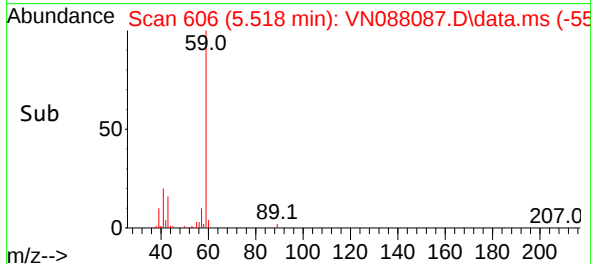
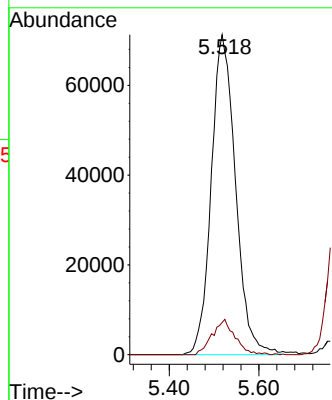
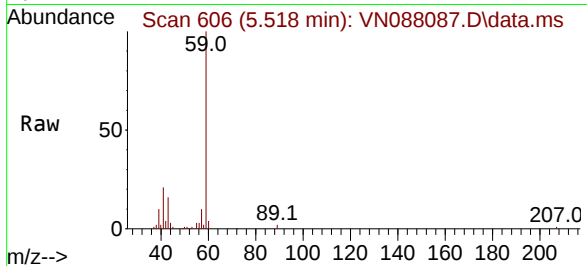




#11
Tert butyl alcohol
Concen: 266.943 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

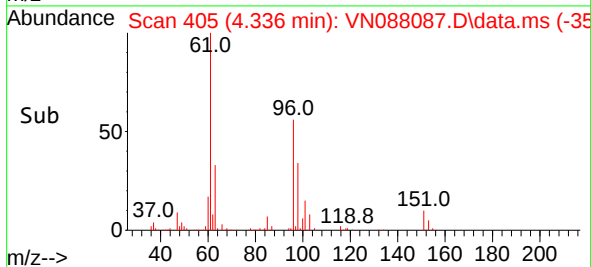
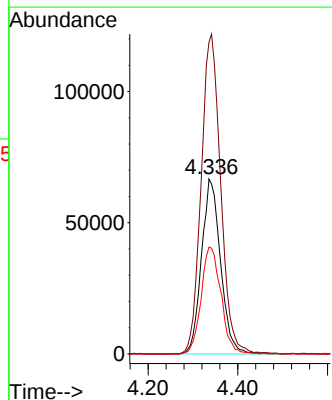
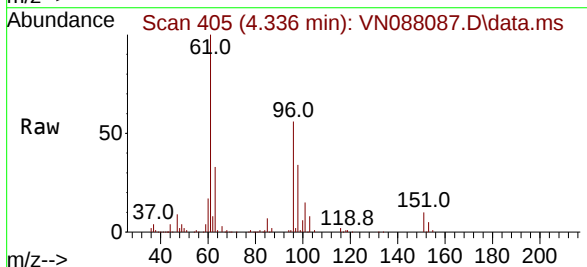
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

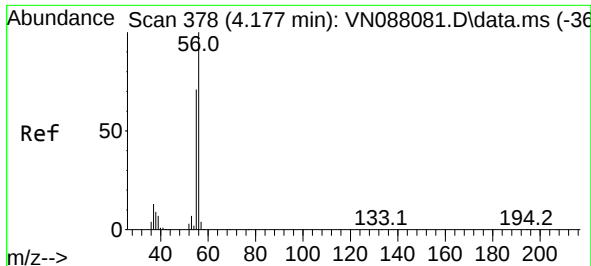
Tgt Ion: 59 Resp: 268117
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 46.505 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 96 Resp: 197071
Ion Ratio Lower Upper
96 100
61 178.4 143.8 215.8
98 61.1 52.1 78.1

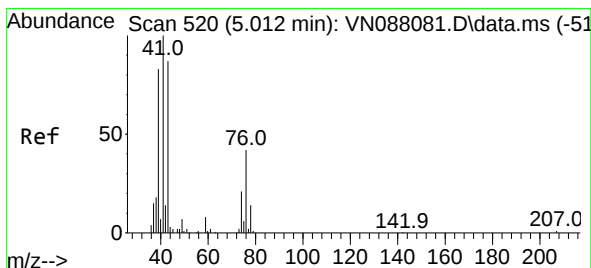
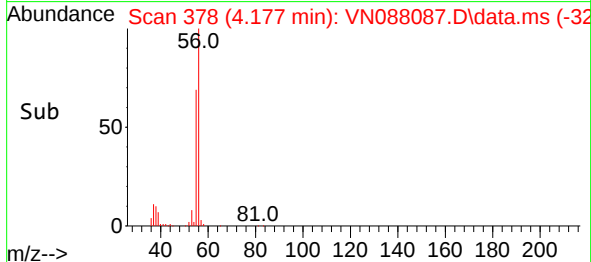
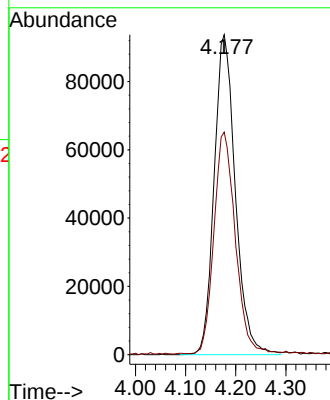
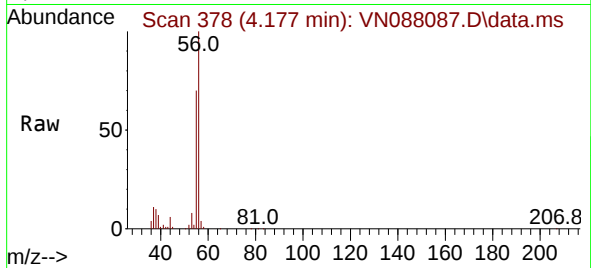




#13
Acrolein
Concen: 243.457 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

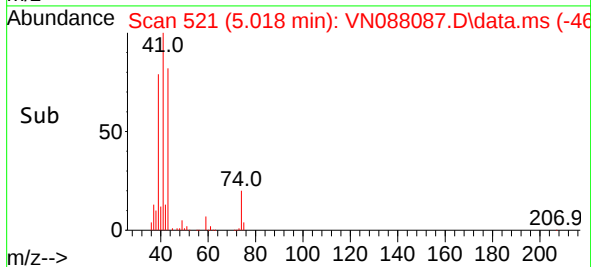
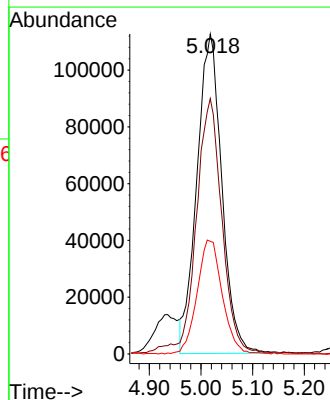
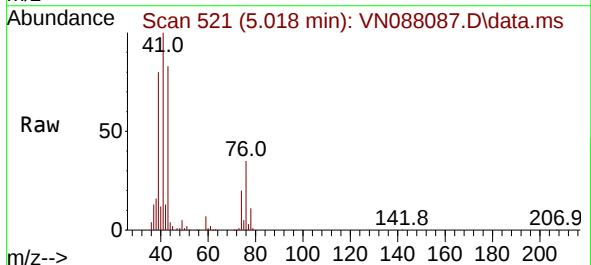
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

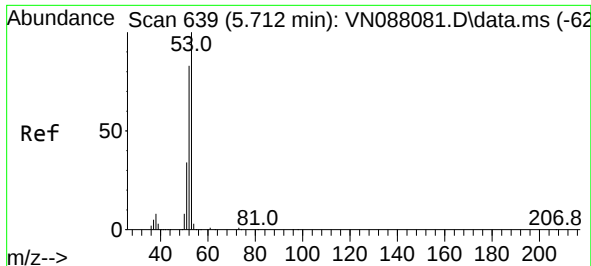
Tgt Ion: 56 Resp: 275051
Ion Ratio Lower Upper
56 100
55 70.0 57.3 85.9



#14
Allyl chloride
Concen: 50.867 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 41 Resp: 377824
Ion Ratio Lower Upper
41 100
39 82.6 63.9 95.9
76 36.0 28.1 42.1

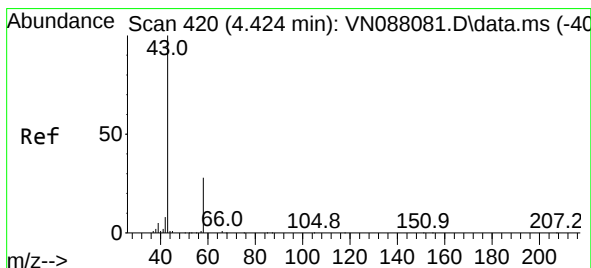
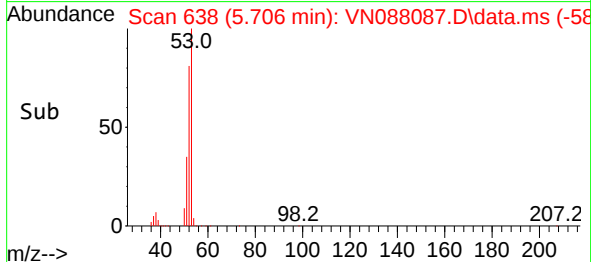
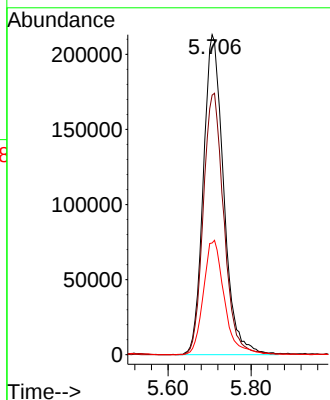
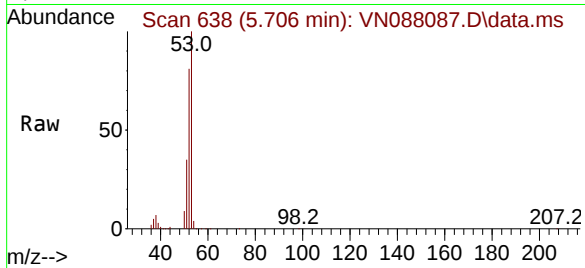




#15
Acrylonitrile
Concen: 264.900 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

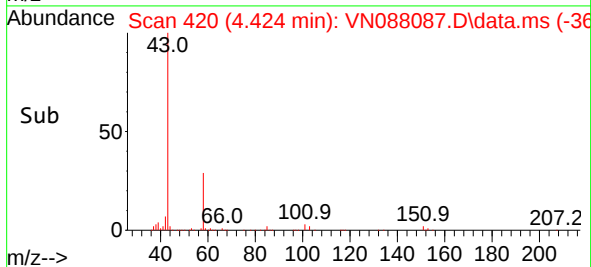
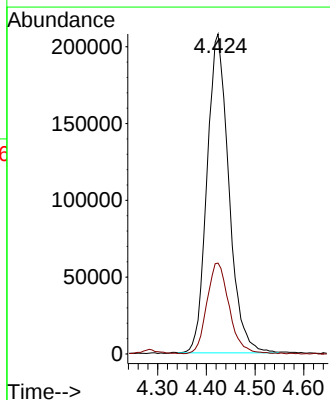
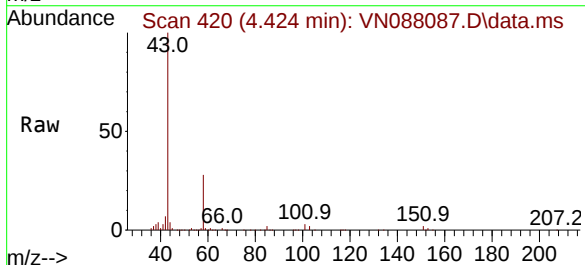
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

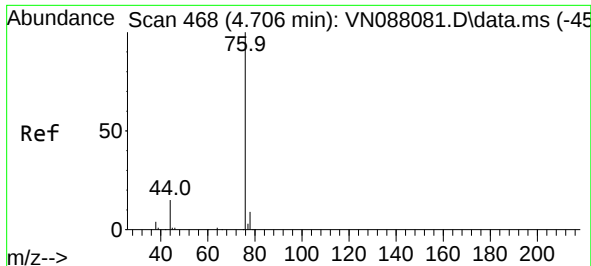
Tgt Ion: 53 Resp: 724750
Ion Ratio Lower Upper
53 100
52 82.3 67.6 101.4
51 36.8 30.1 45.1



#16
Acetone
Concen: 220.093 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 43 Resp: 644644
Ion Ratio Lower Upper
43 100
58 28.4 22.6 33.8

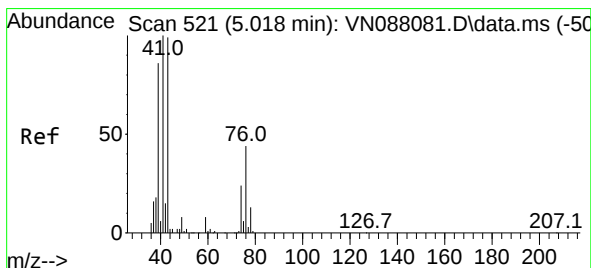
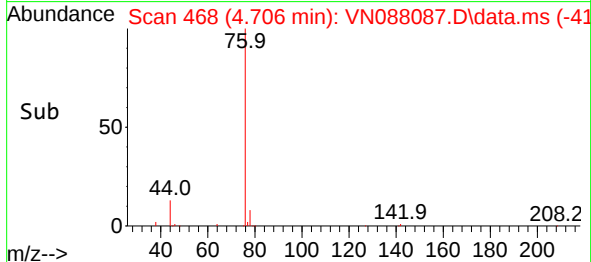
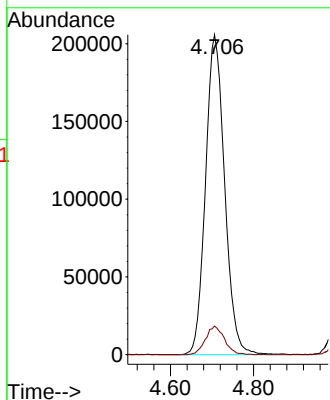
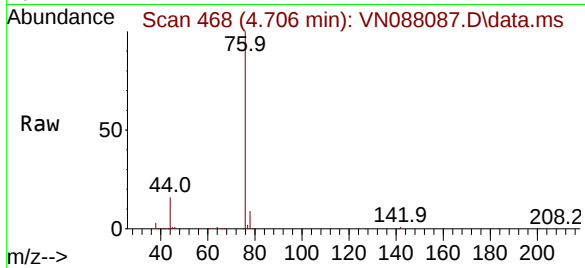




#17
Carbon Disulfide
Concen: 50.927 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

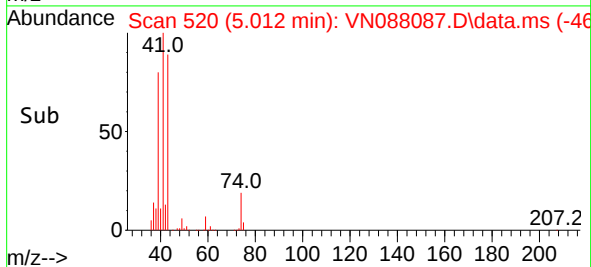
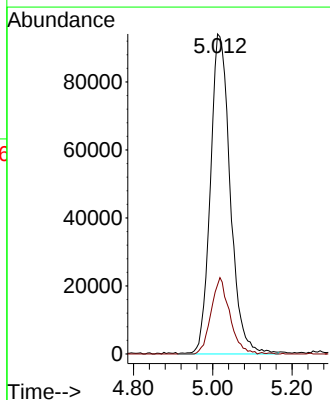
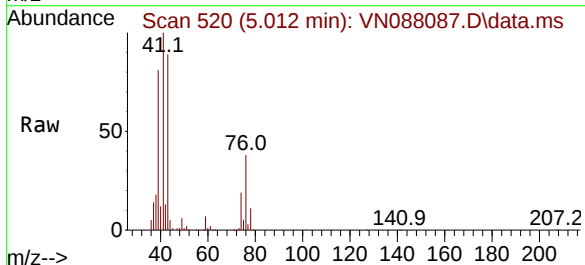
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

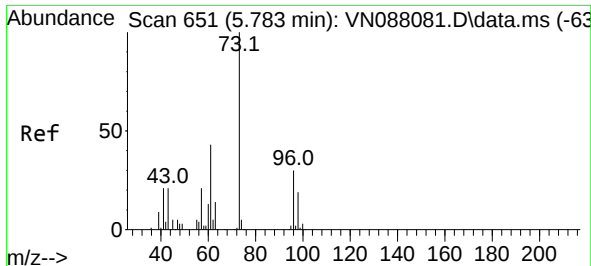
Tgt Ion: 76 Resp: 656025
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 54.499 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 43 Resp: 326795
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4

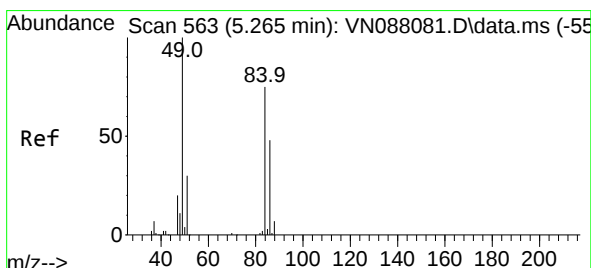
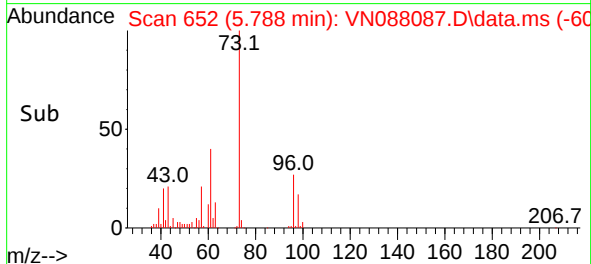
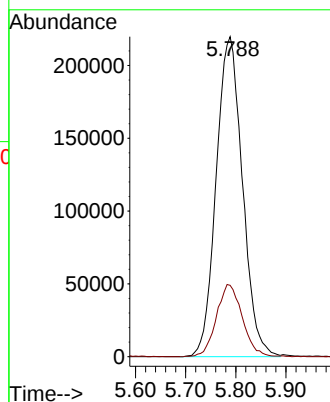
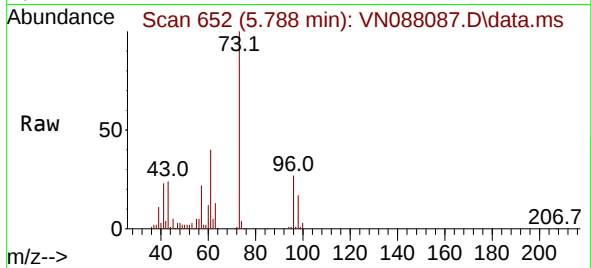




#19
Methyl tert-butyl Ether
Concen: 51.390 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

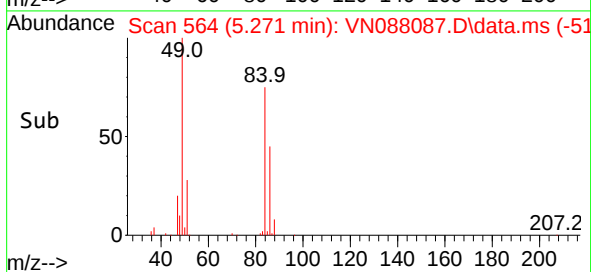
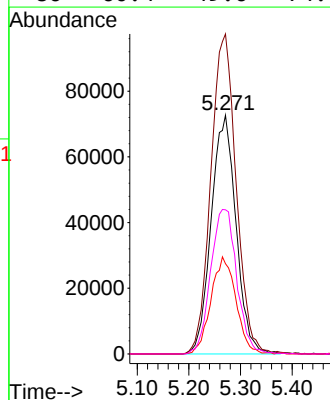
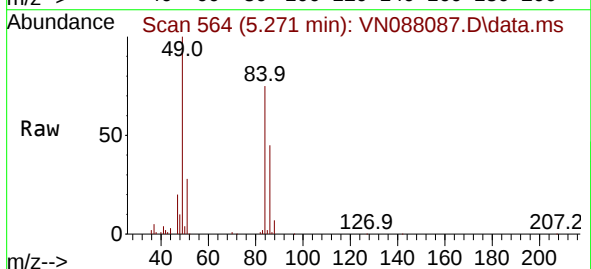
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

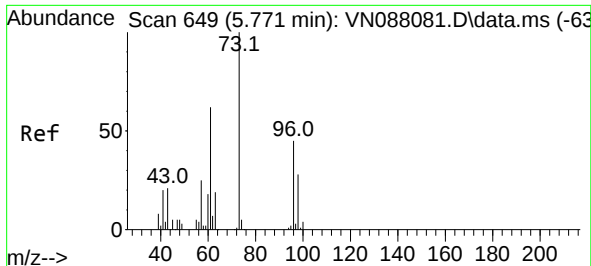
Tgt Ion: 73 Resp: 799757
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6



#20
Methylene Chloride
Concen: 53.173 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 84 Resp: 242631
Ion Ratio Lower Upper
84 100
49 134.0 103.4 155.2
51 37.8 33.8 50.8
86 60.4 49.6 74.4

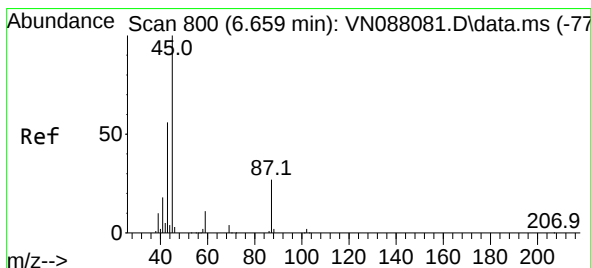
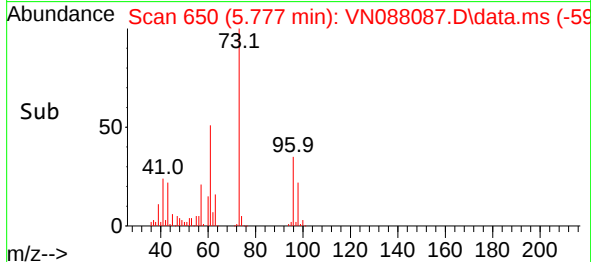
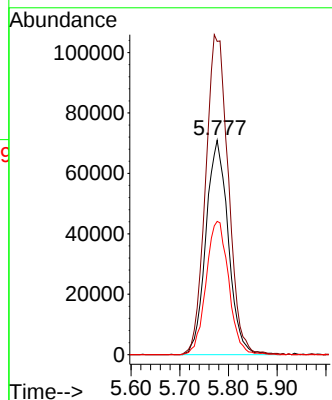
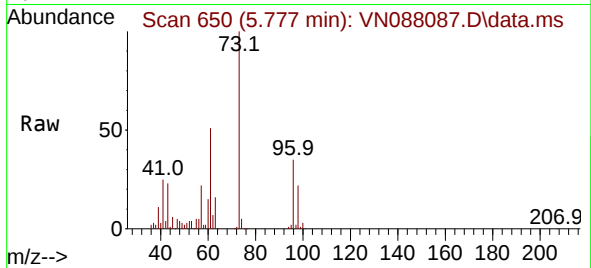




#21
trans-1,2-Dichloroethene
Concen: 48.604 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

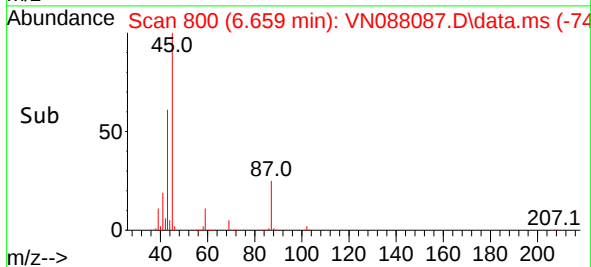
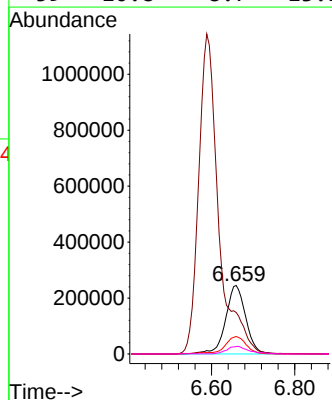
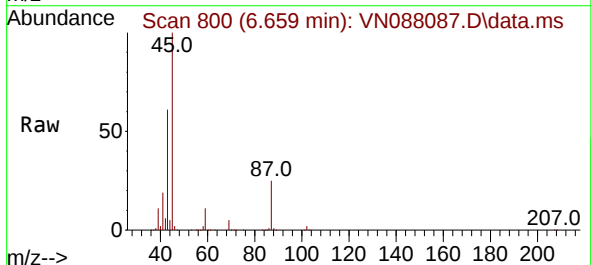
Instrument :
MSVOA_N
ClientSampleId :
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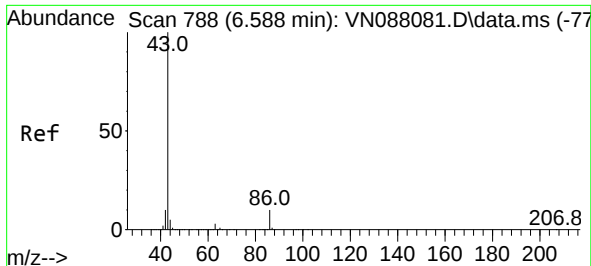
Tgt Ion: 96 Resp: 226080
Ion Ratio Lower Upper
96 100
61 146.2 118.0 177.0
98 62.1 50.0 75.0



#22
Diisopropyl ether
Concen: 52.450 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 45 Resp: 819311
Ion Ratio Lower Upper
45 100
43 59.7 47.7 71.5
87 25.3 21.4 32.0
59 10.8 8.7 13.1

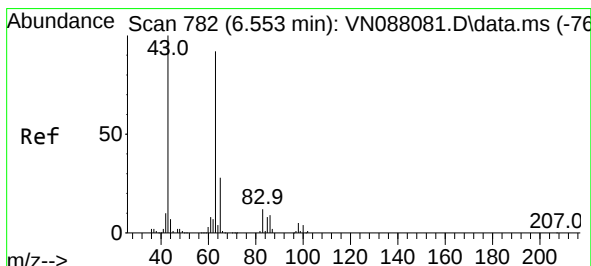
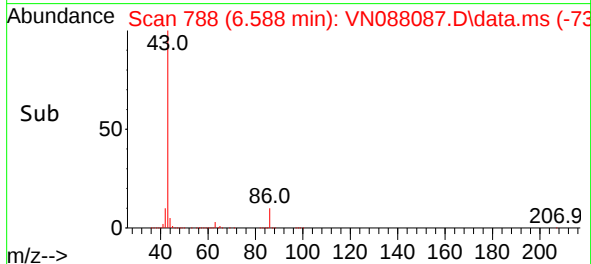
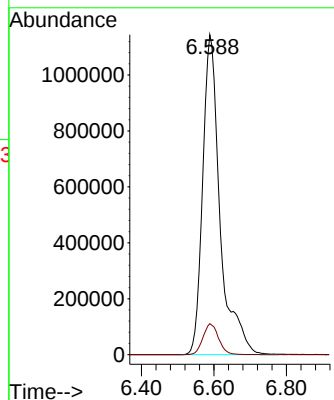
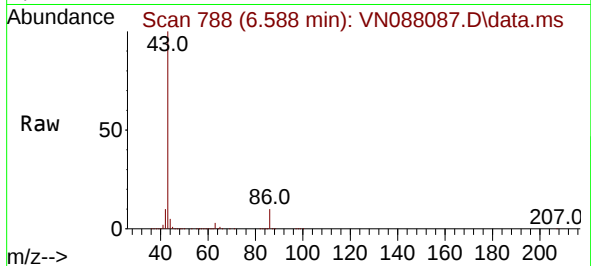




#23
 Vinyl Acetate
 Concen: 270.604 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

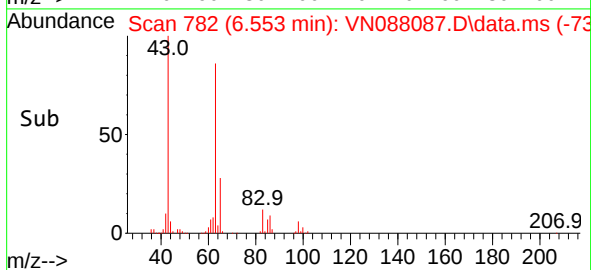
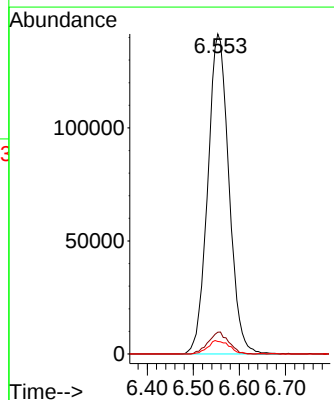
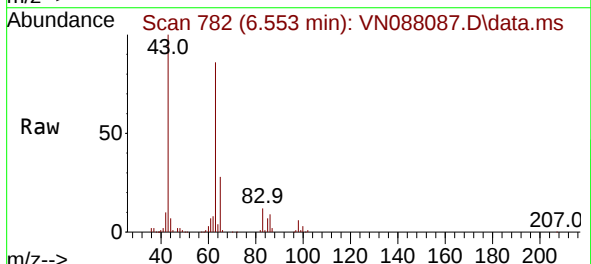
Instrument :
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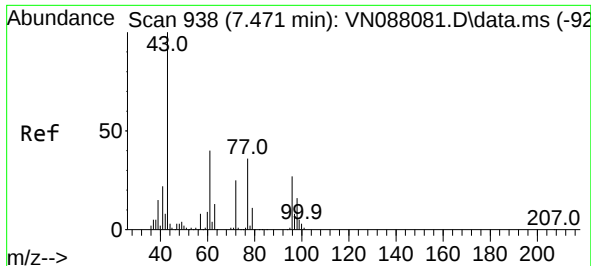
Tgt Ion: 43 Resp: 3807636
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 52.284 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

Tgt Ion: 63 Resp: 452412
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 3.9 2.0 6.0

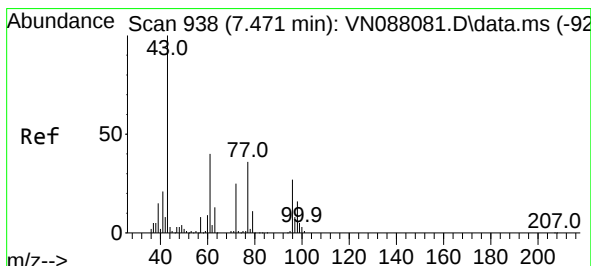
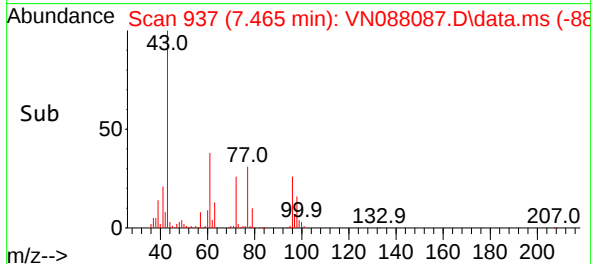
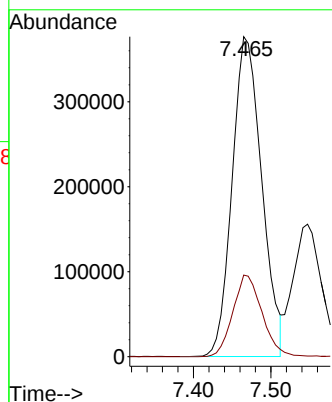
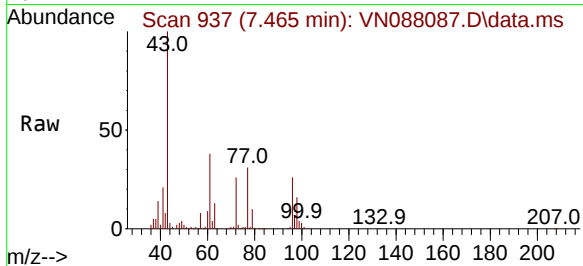




#25
2-Butanone
Concen: 259.021 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

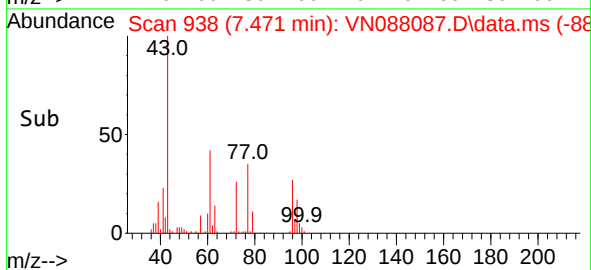
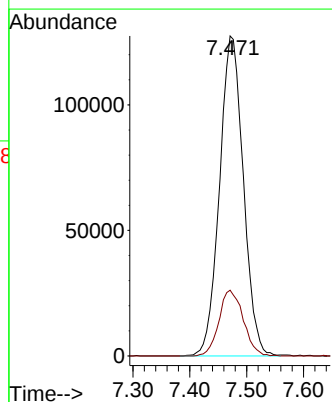
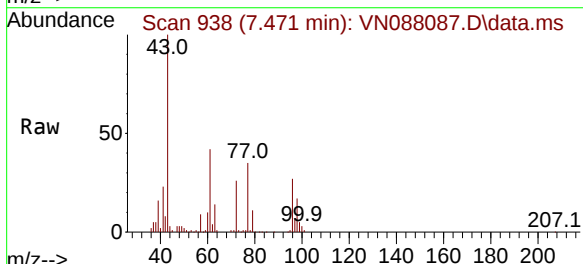
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 999804
Ion Ratio Lower Upper
43 100
72 25.5 19.9 29.9



#26
2,2-Dichloropropane
Concen: 47.229 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 77 Resp: 371374
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7

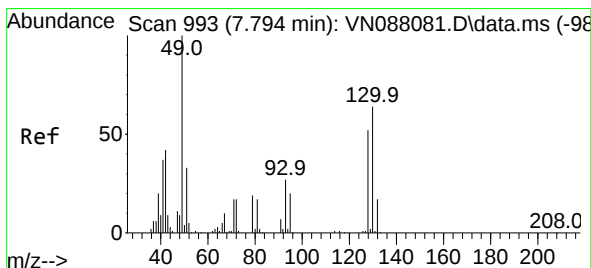
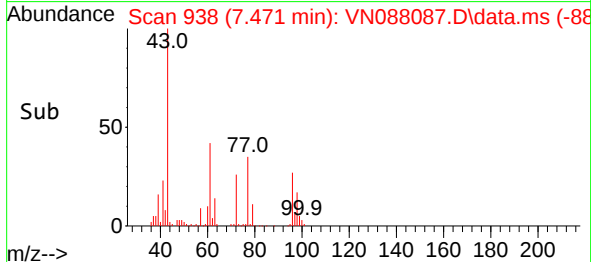
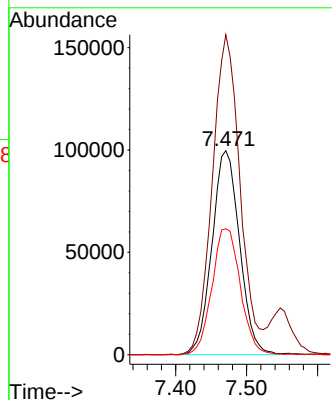
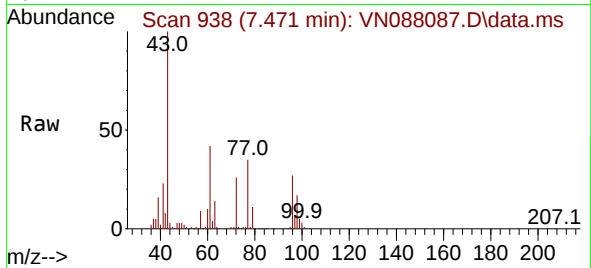




#27
 cis-1,2-Dichloroethene
 Concen: 50.162 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

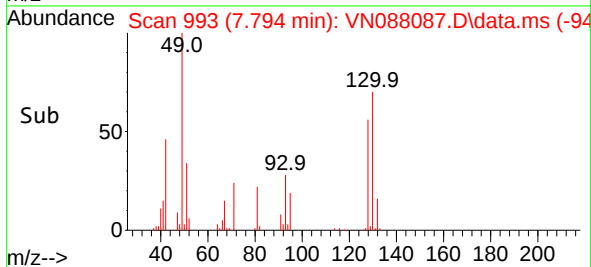
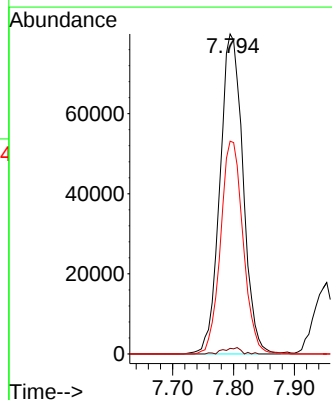
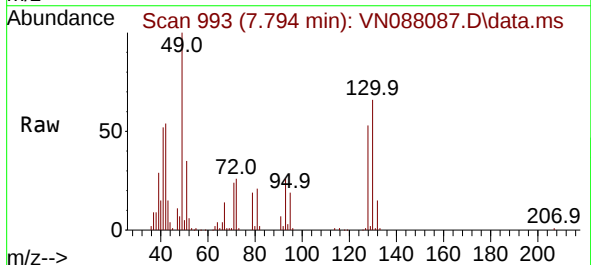
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

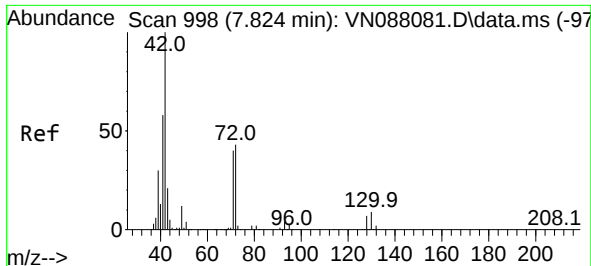
Tgt Ion: 96 Resp: 268608
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 301.8
 98 63.6 0.0 126.2



#28
 Bromochloromethane
 Concen: 51.510 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

Tgt Ion: 49 Resp: 210598
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 64.8 53.1 79.7





#29

Tetrahydrofuran

Concen: 258.255 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

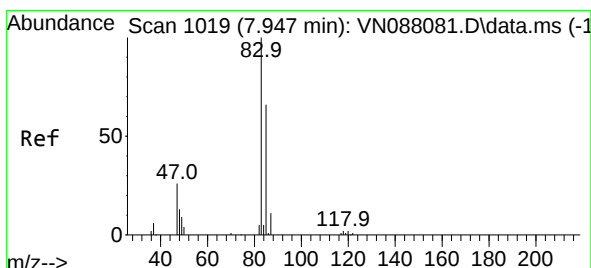
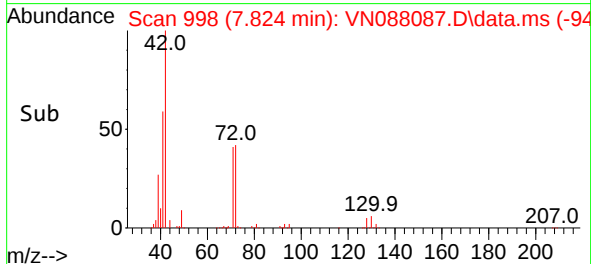
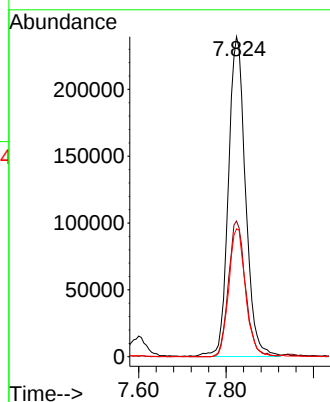
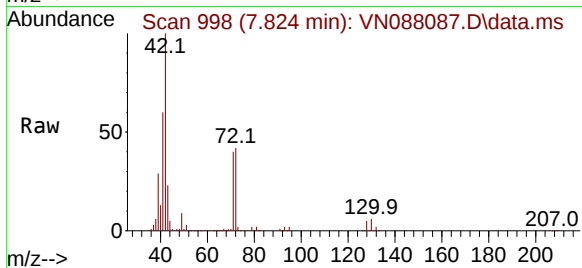
Tgt Ion: 42 Resp: 649648

Ion Ratio Lower Upper

42 100

72 42.0 33.7 50.5

71 39.4 31.9 47.9



#30

Chloroform

Concen: 52.112 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN088087.D

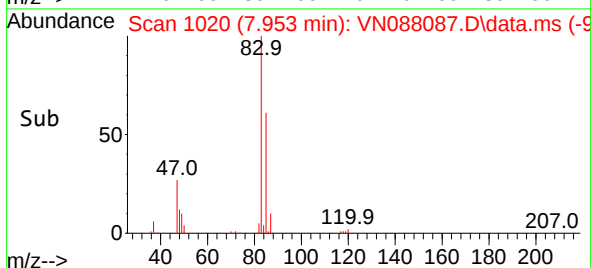
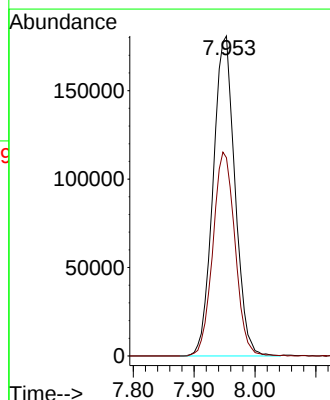
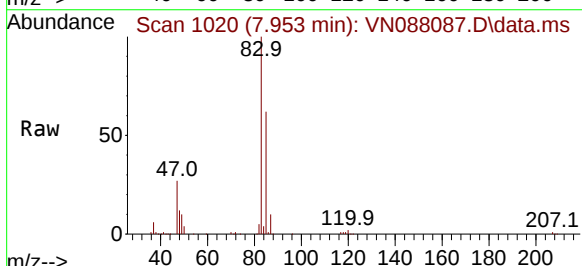
Acq: 24 Oct 2025 12:28

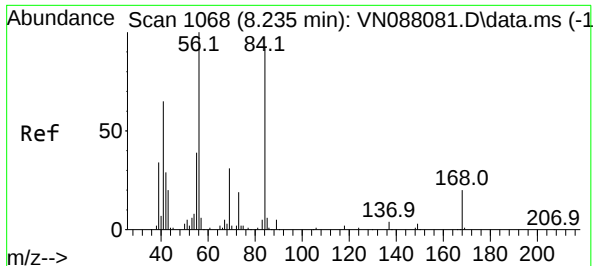
Tgt Ion: 83 Resp: 450477

Ion Ratio Lower Upper

83 100

85 62.0 50.7 76.1

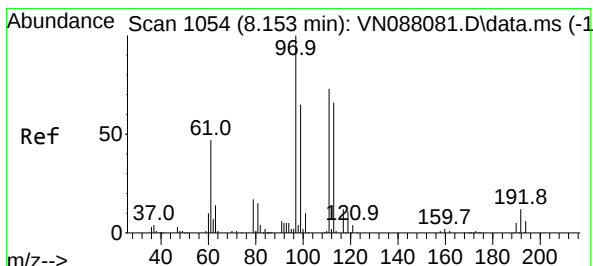
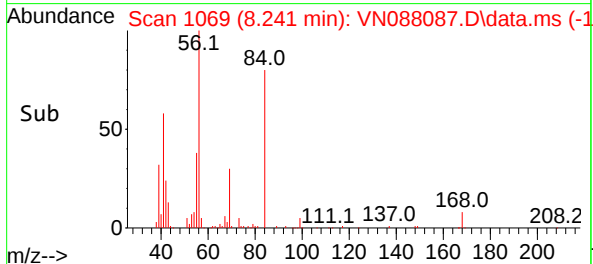
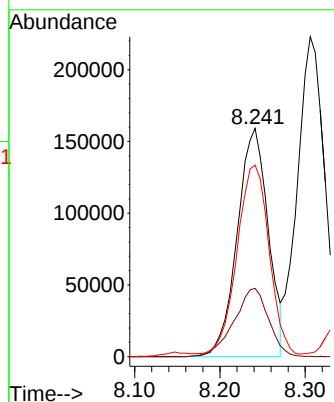
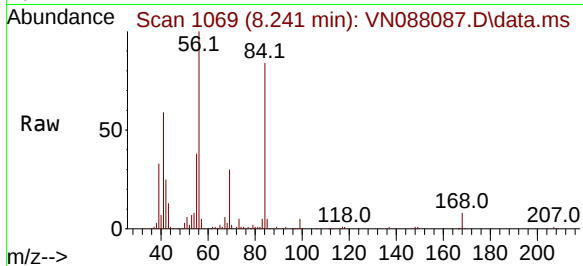




#31
Cyclohexane
Concen: 49.253 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

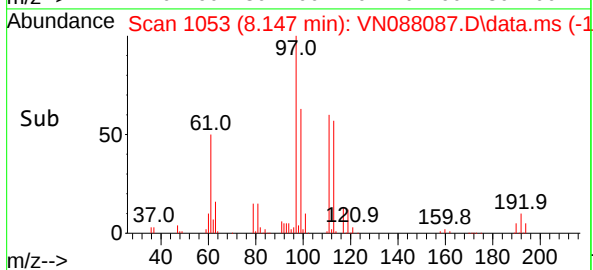
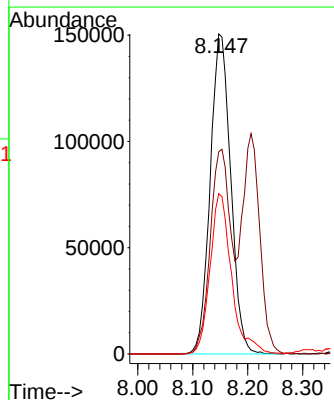
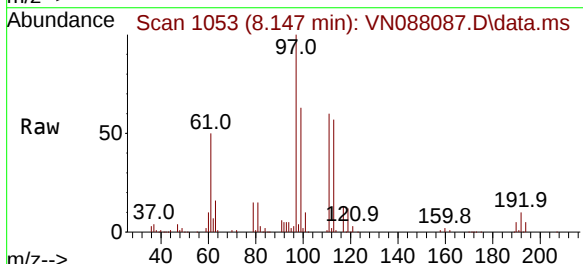
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

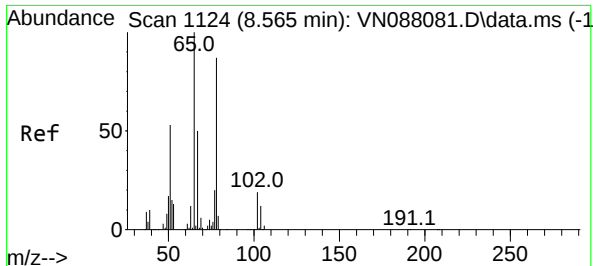
Tgt Ion: 56 Resp: 401946
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 82.3 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 50.738 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 97 Resp: 390640
Ion Ratio Lower Upper
97 100
99 63.0 52.2 78.2
61 52.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 53.327 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

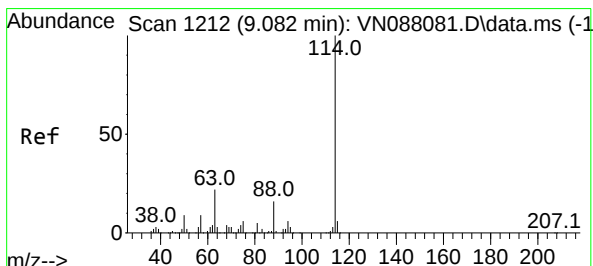
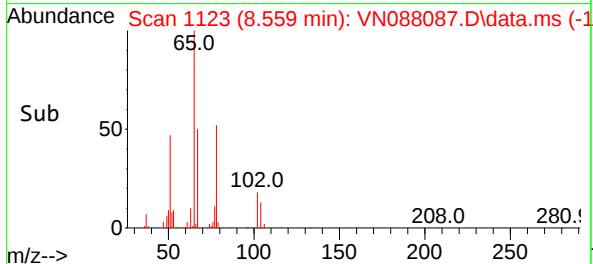
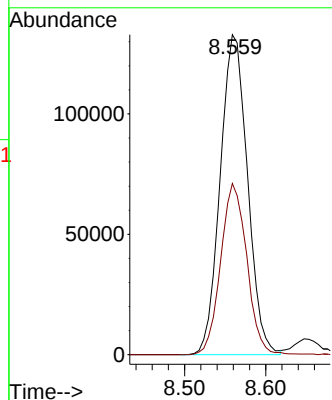
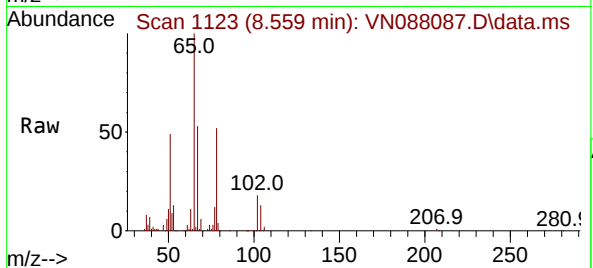
VSTDCCC050

Tgt Ion: 65 Resp: 310900

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

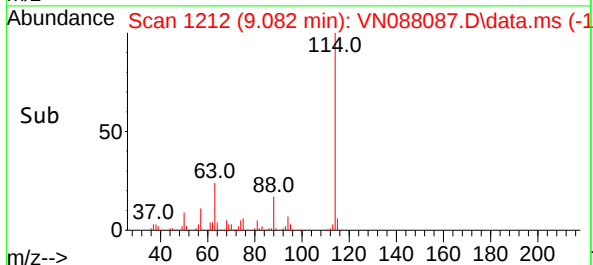
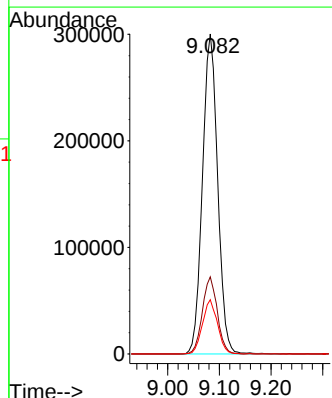
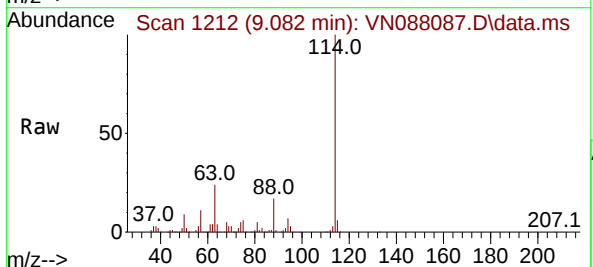
Tgt Ion: 114 Resp: 612856

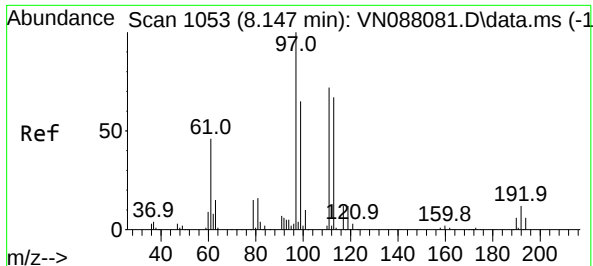
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.2

88 17.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.380 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

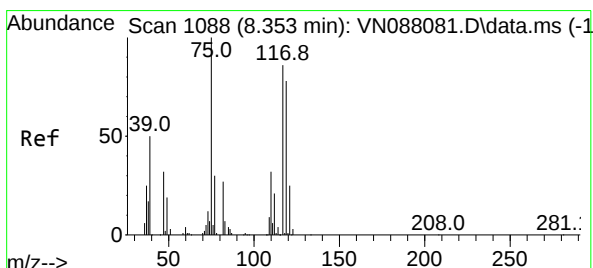
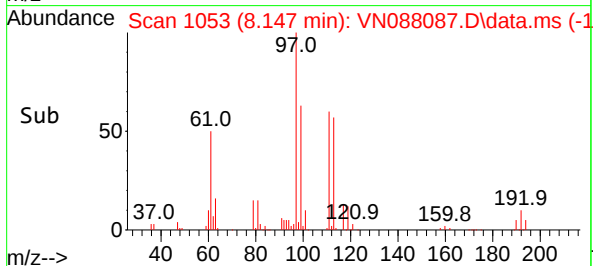
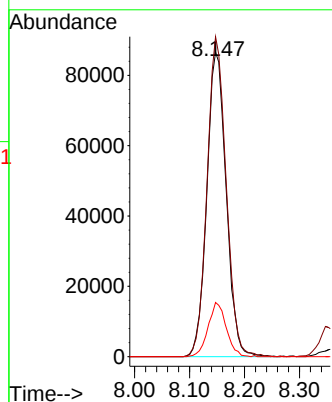
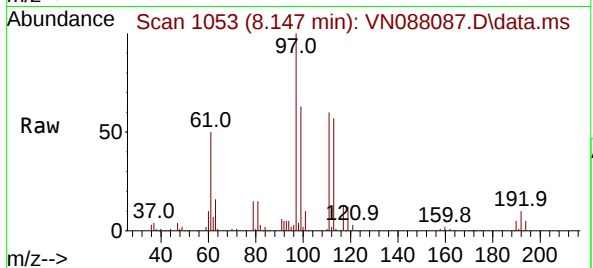
Tgt Ion:113 Resp: 211540

Ion Ratio Lower Upper

113 100

111 104.0 82.8 124.2

192 16.8 12.8 19.2



#36

1,1-Dichloropropene

Concen: 53.604 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

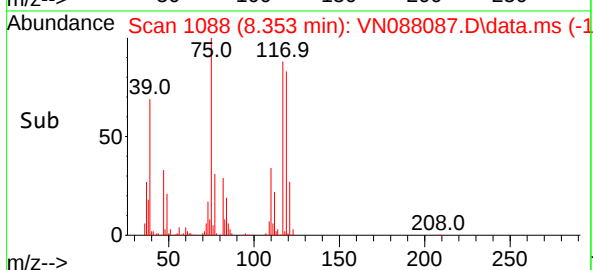
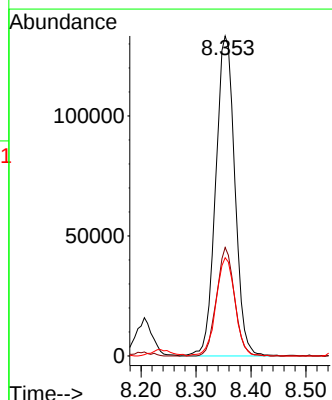
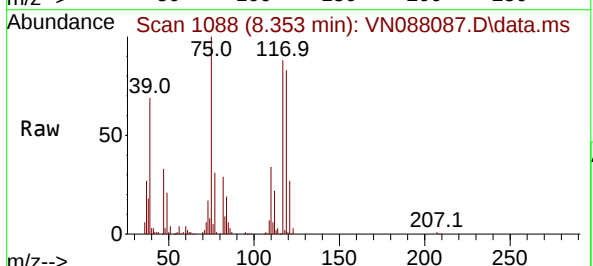
Tgt Ion: 75 Resp: 322246

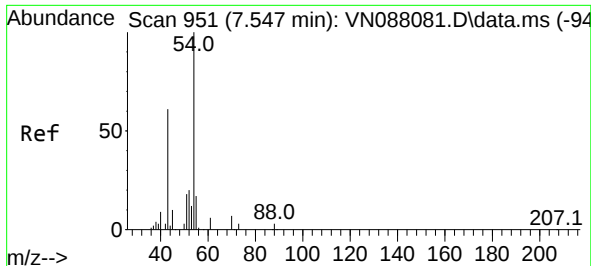
Ion Ratio Lower Upper

75 100

110 31.9 15.9 47.6

77 30.7 24.4 36.6

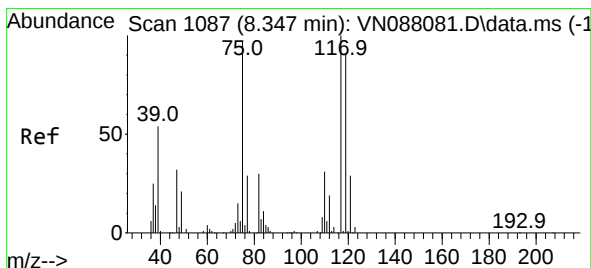
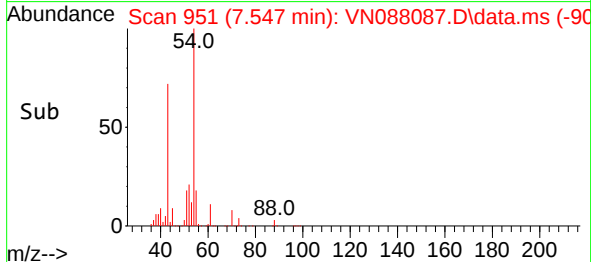
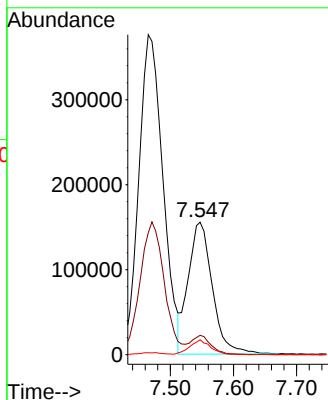
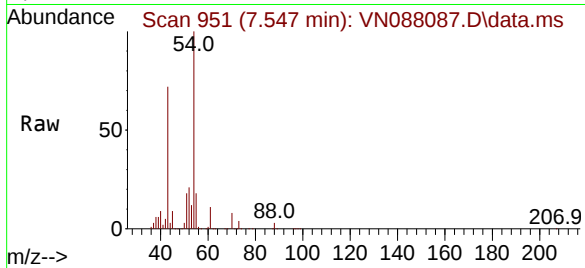




#37
Ethyl Acetate
Concen: 53.308 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

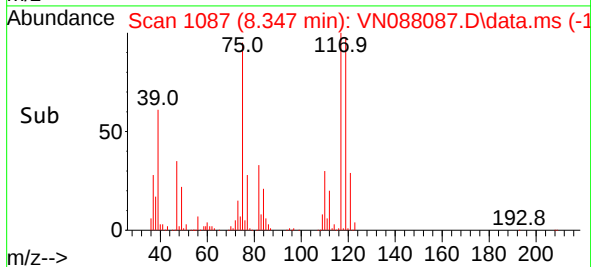
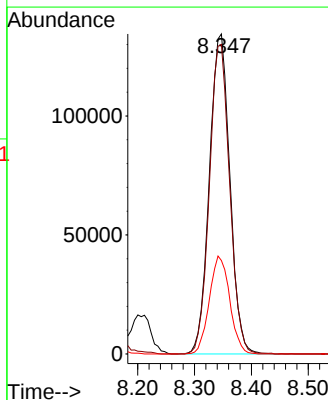
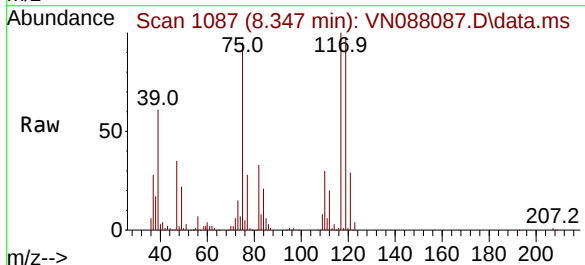
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

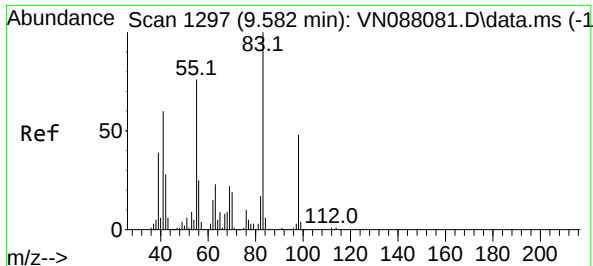
Tgt Ion: 43 Resp: 413551
Ion Ratio Lower Upper
43 100
61 12.0 9.3 13.9
70 9.7 7.0 10.6



#38
Carbon Tetrachloride
Concen: 54.204 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 117 Resp: 336548
Ion Ratio Lower Upper
117 100
119 96.7 79.0 118.6
121 29.2 25.0 37.6





#39

Methylcyclohexane

Concen: 51.345 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

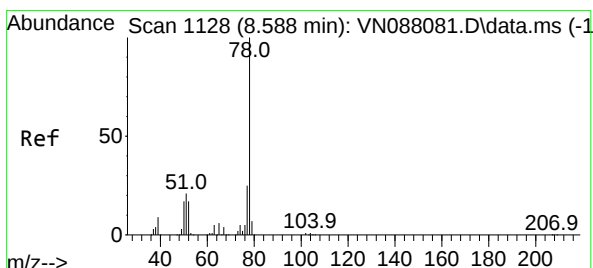
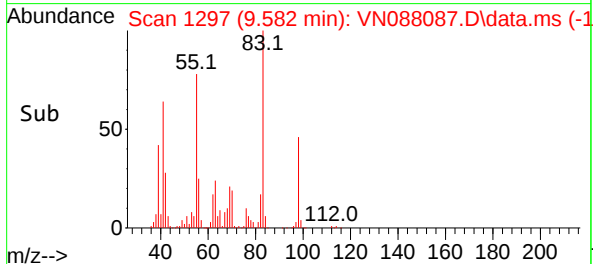
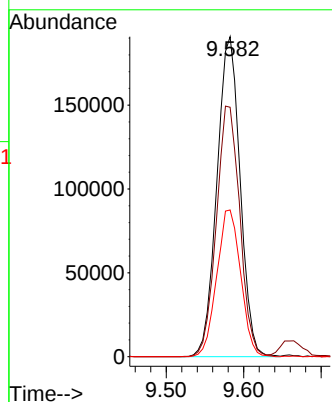
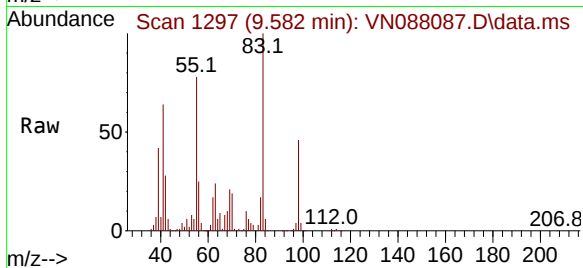
Tgt Ion: 83 Resp: 396751

Ion Ratio Lower Upper

83 100

55 78.0 64.6 96.8

98 45.9 38.4 57.6



#40

Benzene

Concen: 52.823 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088087.D

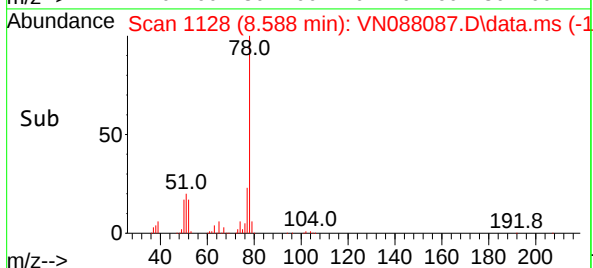
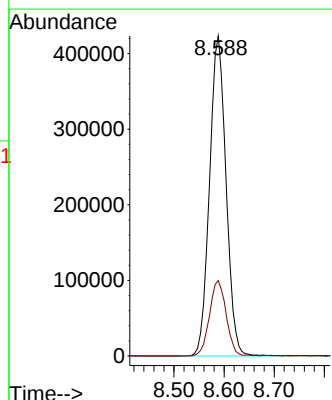
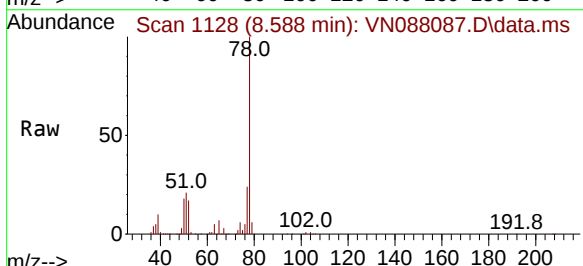
Acq: 24 Oct 2025 12:28

Tgt Ion: 78 Resp: 967079

Ion Ratio Lower Upper

78 100

77 23.5 19.7 29.5

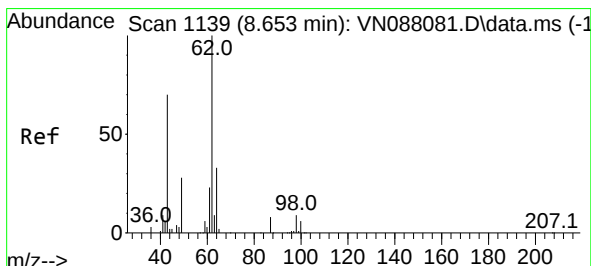
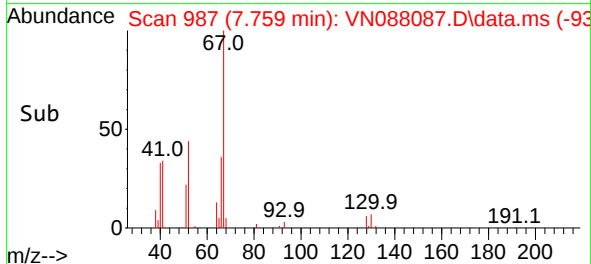
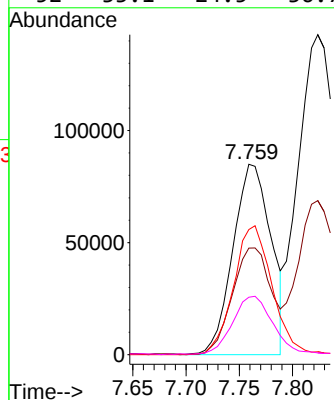
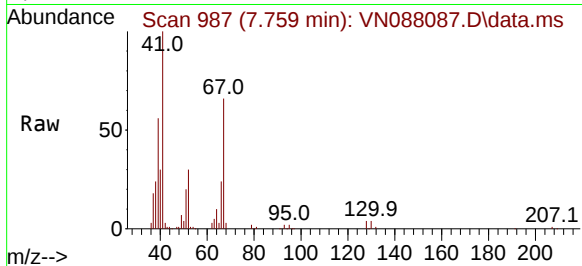




#41
Methacrylonitrile
Concen: 51.768 ug/l
RT: 7.759 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

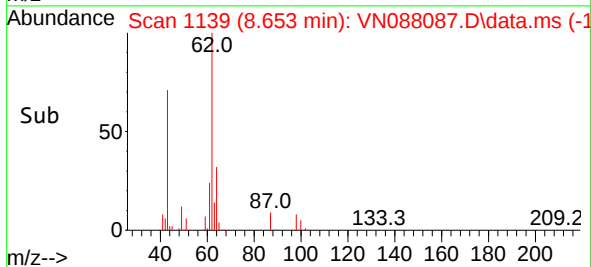
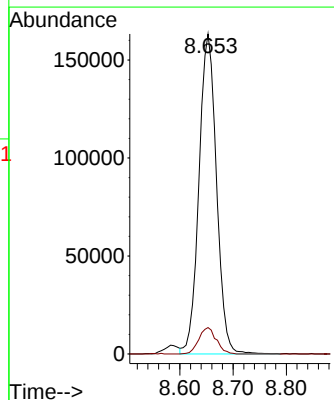
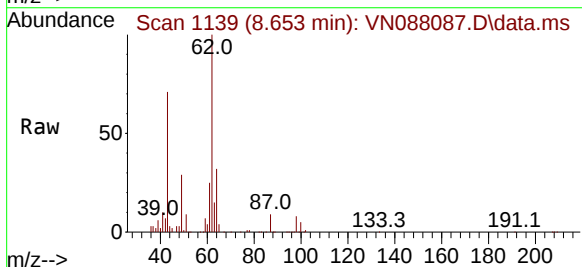
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

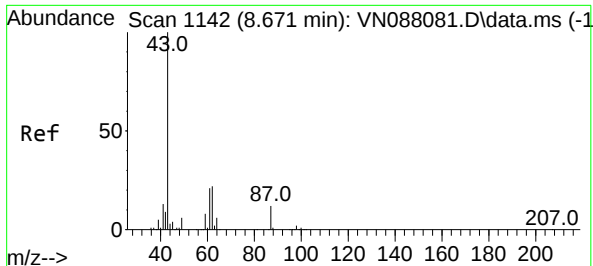
Tgt Ion: 41 Resp: 211373
Ion Ratio Lower Upper
41 100
39 57.4 45.4 68.0
67 69.2 55.3 82.9
52 33.1 24.5 36.7



#42
1,2-Dichloroethane
Concen: 57.258 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 62 Resp: 372469
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.4

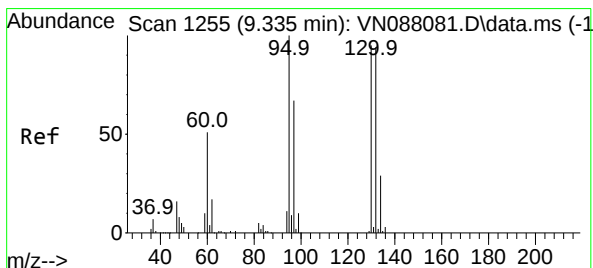
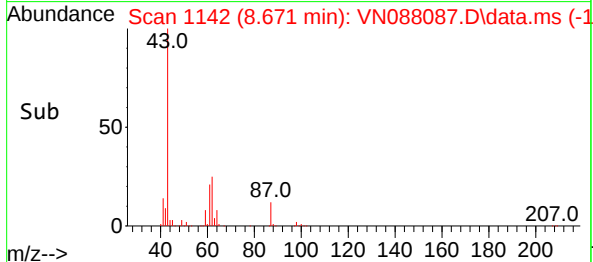
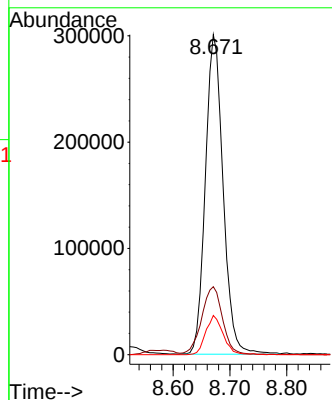
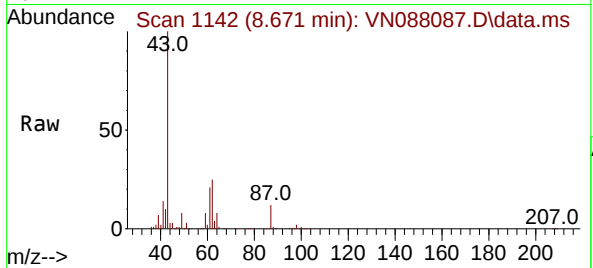




#43
Isopropyl Acetate
Concen: 54.629 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

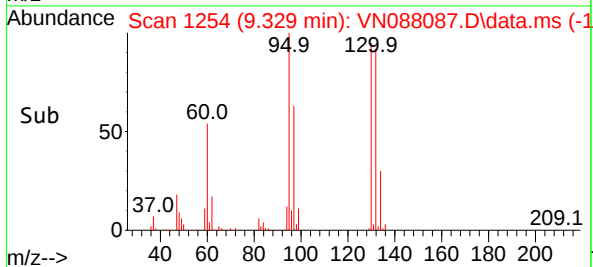
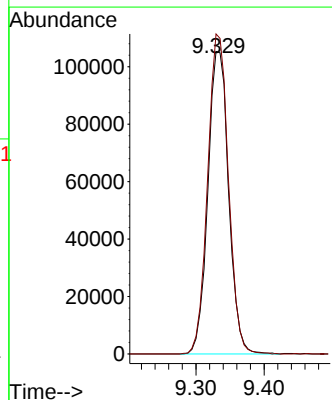
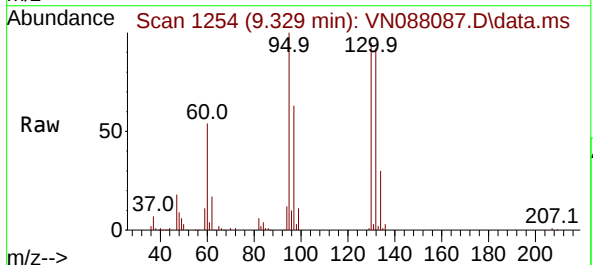
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

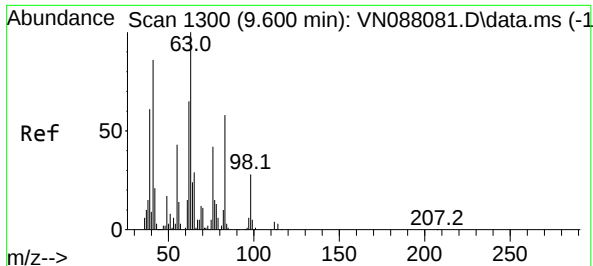
Tgt Ion: 43 Resp: 651226
Ion Ratio Lower Upper
43 100
61 25.2 18.8 28.2
87 11.9 9.6 14.4



#44
Trichloroethene
Concen: 52.183 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion:130 Resp: 223305
Ion Ratio Lower Upper
130 100
95 105.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 52.900 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

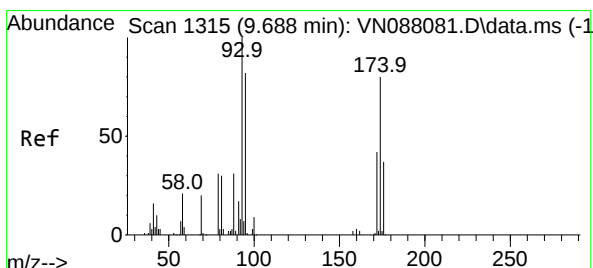
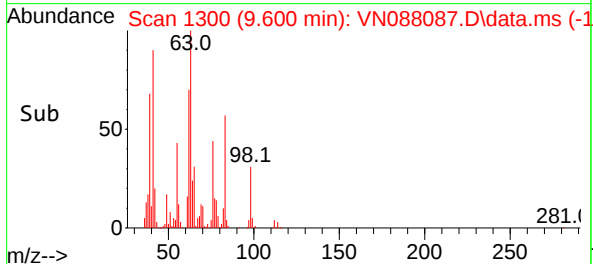
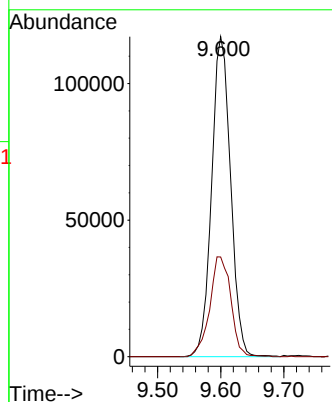
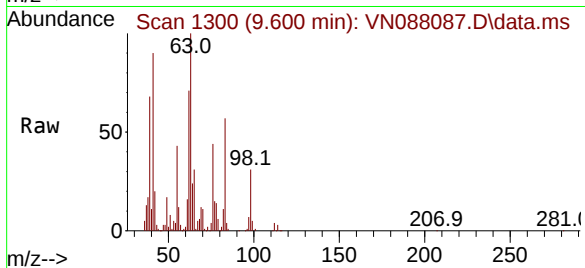
VSTDCCC050

Tgt Ion: 63 Resp: 244503

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.4



#46

Dibromomethane

Concen: 54.086 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

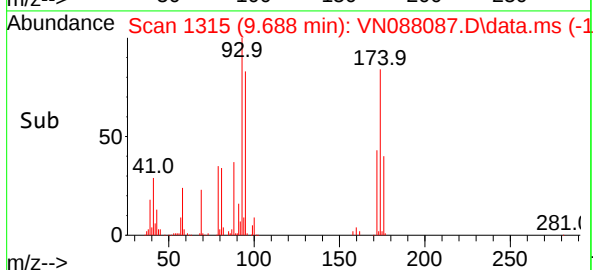
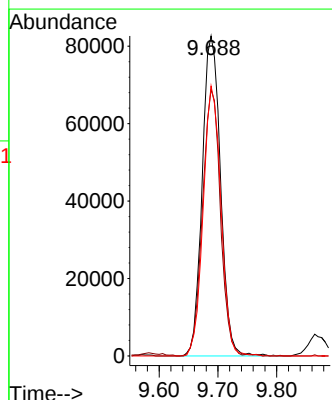
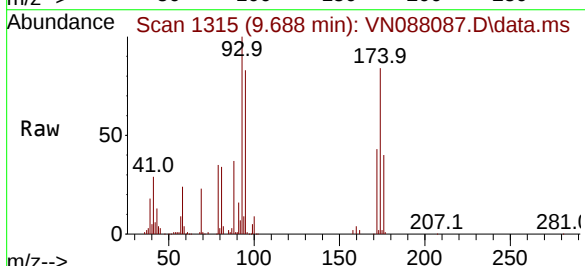
Tgt Ion: 93 Resp: 178291

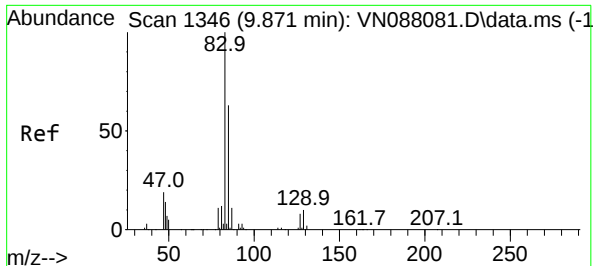
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 82.0 63.4 95.2

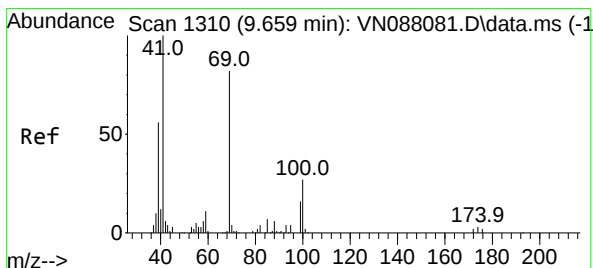
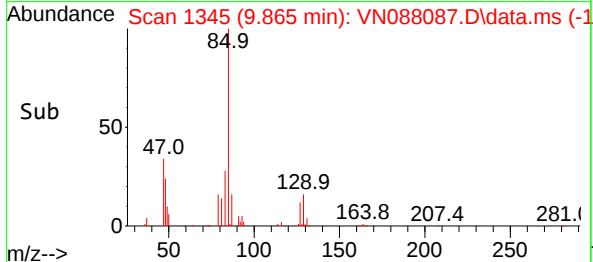
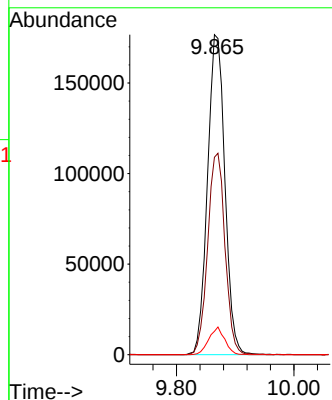
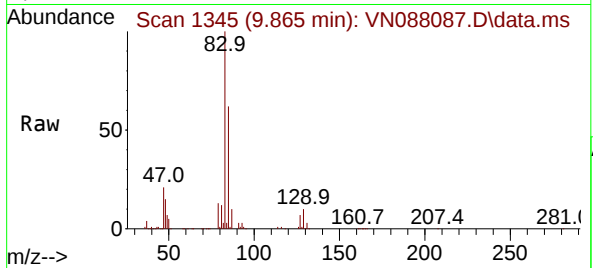




#47
Bromodichloromethane
Concen: 54.911 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

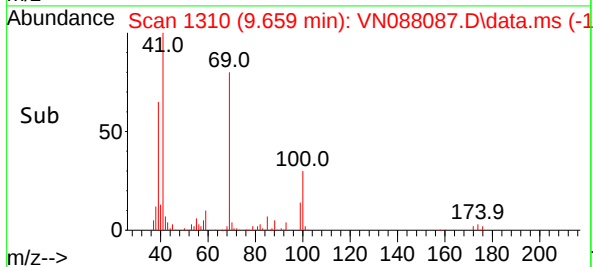
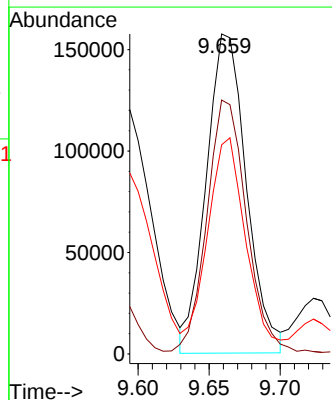
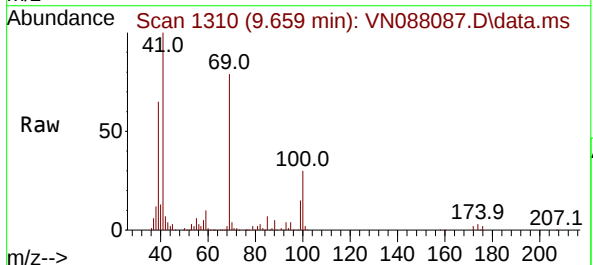
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

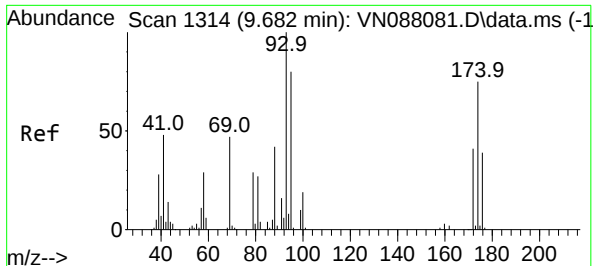
Tgt Ion: 83 Resp: 362409
Ion Ratio Lower Upper
83 100
85 61.7 52.5 78.7
127 7.3 5.8 8.6



#48
Methyl methacrylate
Concen: 56.194 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 41 Resp: 309271
Ion Ratio Lower Upper
41 100
69 79.1 62.7 94.1
39 65.2 52.9 79.3





#49

1,4-Dioxane

Concen: 1174.026 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

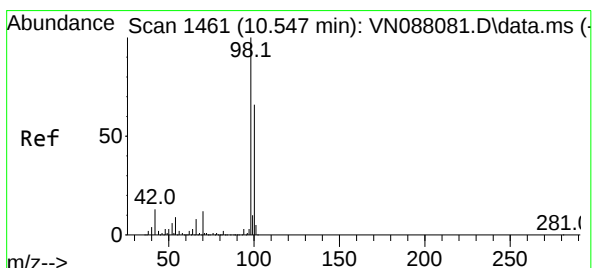
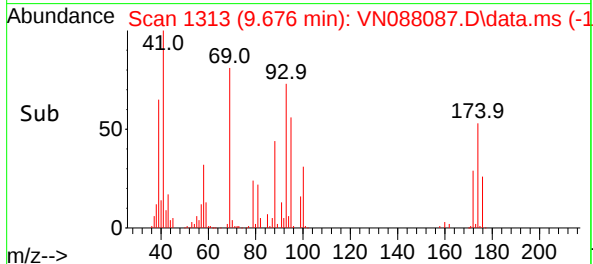
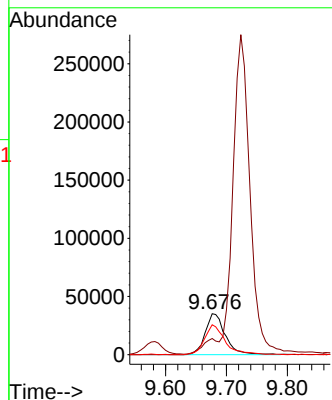
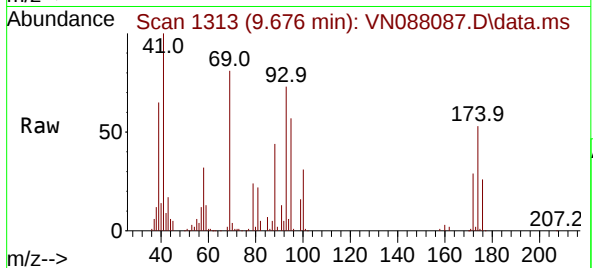
Tgt Ion: 88 Resp: 80363

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 75.6 57.9 86.9



#50

Toluene-d8

Concen: 51.401 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088087.D

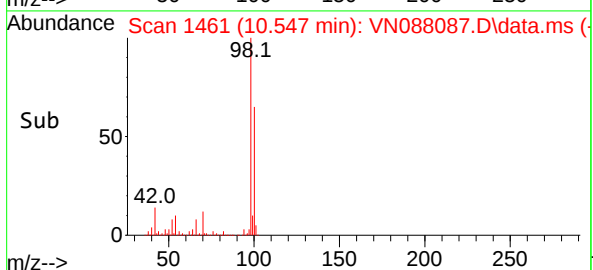
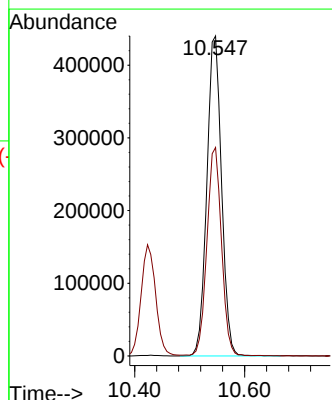
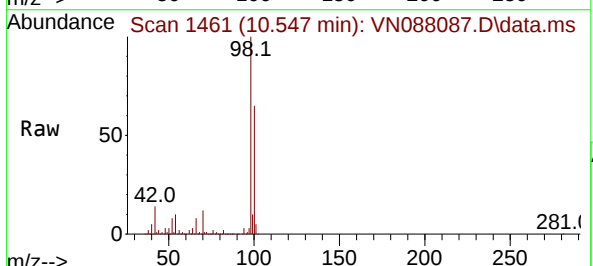
Acq: 24 Oct 2025 12:28

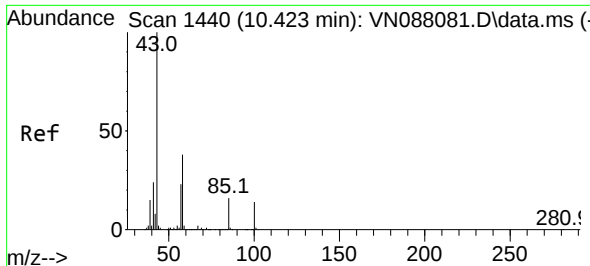
Tgt Ion: 98 Resp: 815442

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2

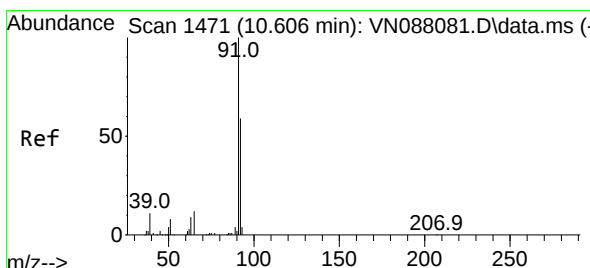
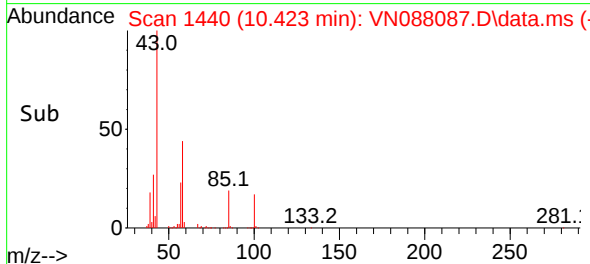
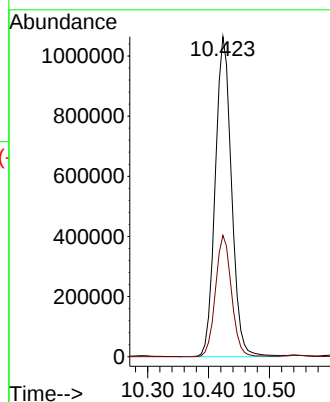
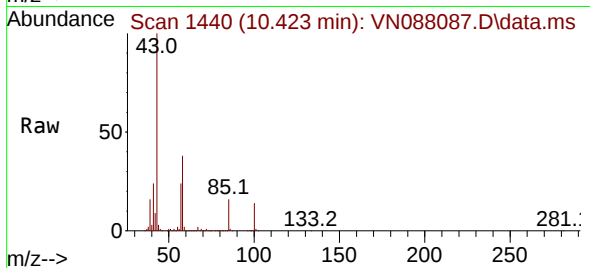




#51
4-Methyl-2-Pentanone
Concen: 280.973 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

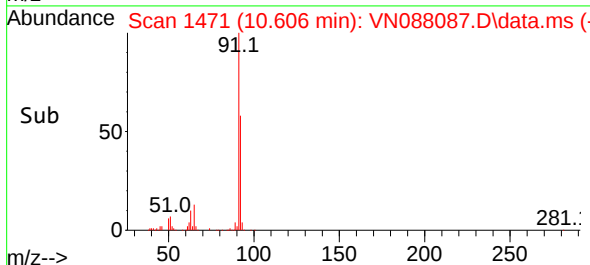
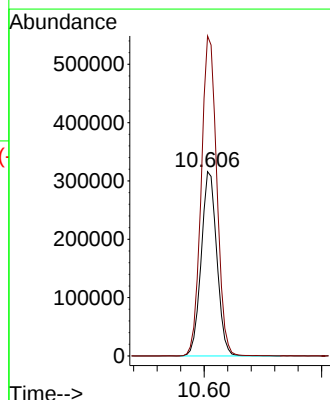
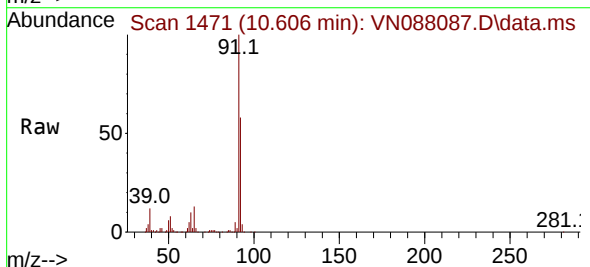
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

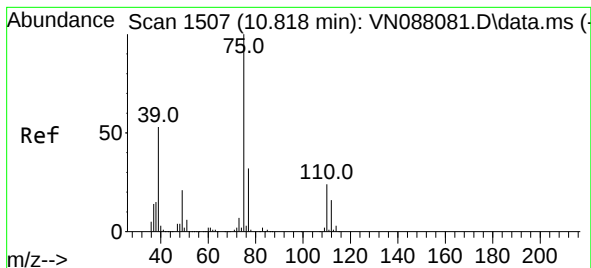
Tgt Ion: 43 Resp: 1981478
Ion Ratio Lower Upper
43 100
58 37.4 29.6 44.4



#52
Toluene
Concen: 51.494 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 92 Resp: 581252
Ion Ratio Lower Upper
92 100
91 173.4 140.4 210.6

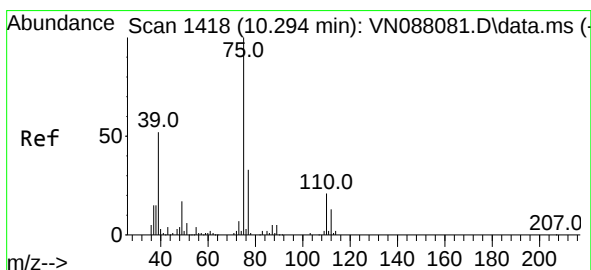
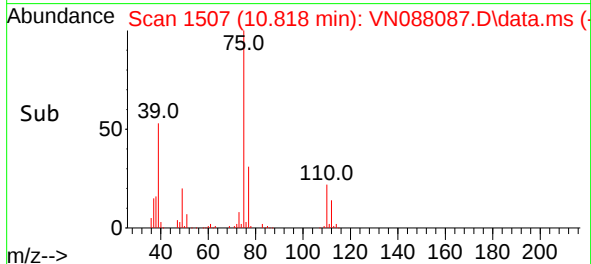
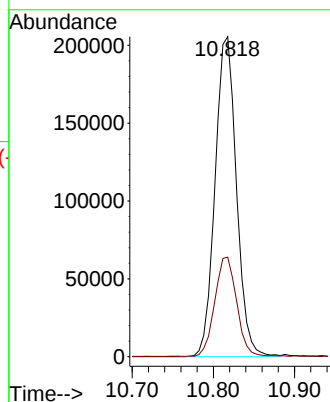
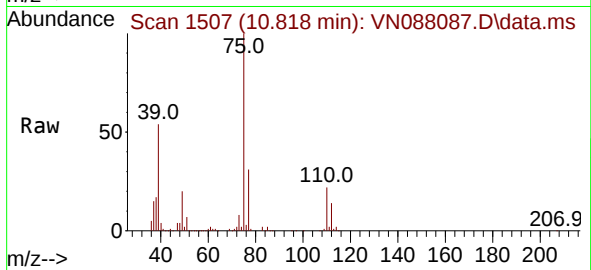




#53
t-1,3-Dichloropropene
Concen: 53.605 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

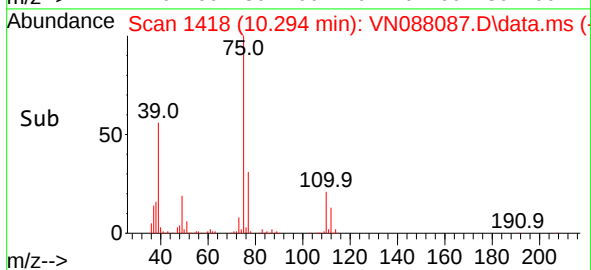
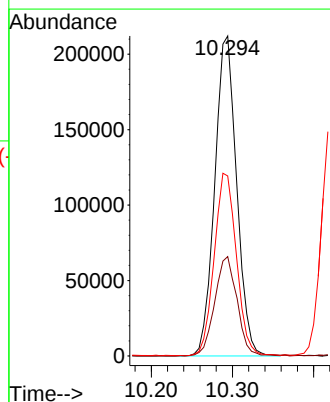
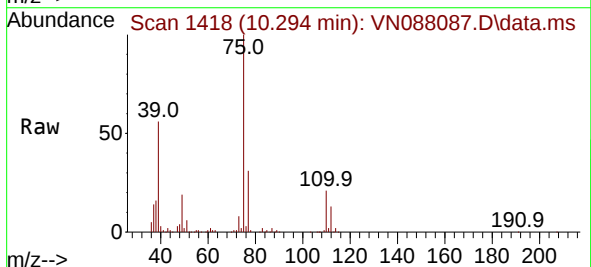
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

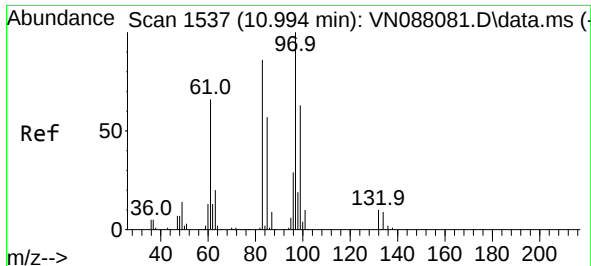
Tgt Ion: 75 Resp: 376544
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 53.376 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 75 Resp: 397855
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0
39 56.1 45.2 67.8

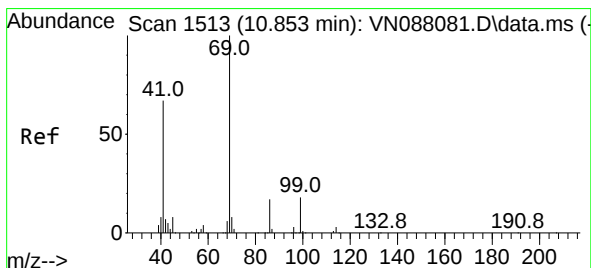
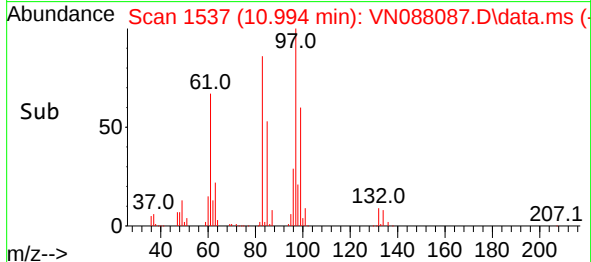
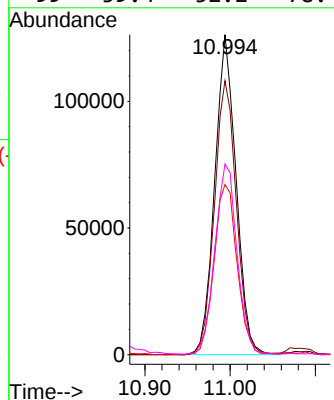
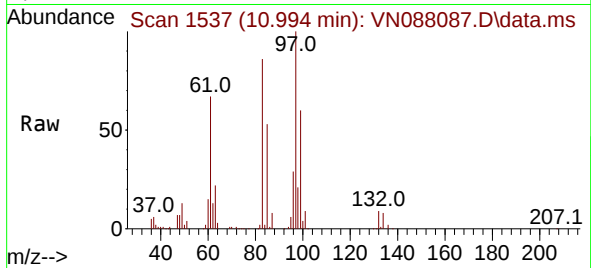




#55
1,1,2-Trichloroethane
Concen: 51.280 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

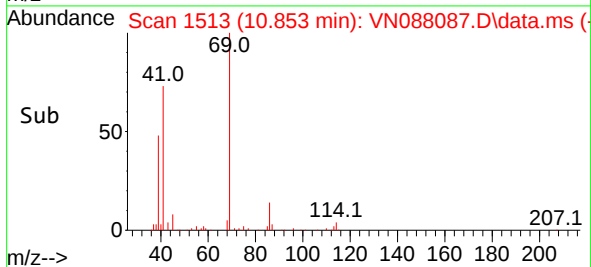
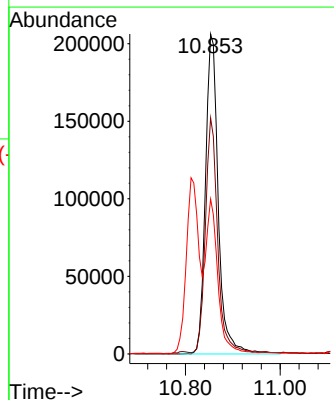
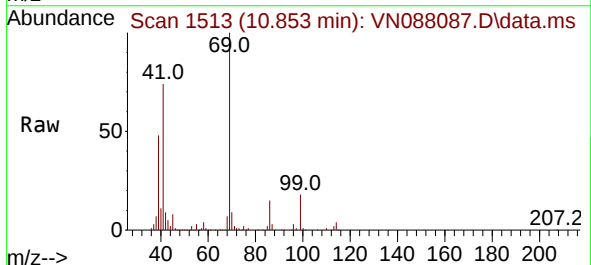
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

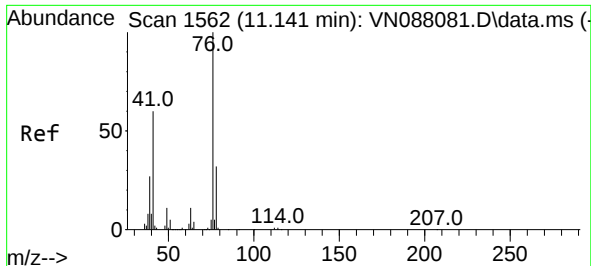
Tgt Ion:	97	Resp:	219605
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.2	102.4
85	53.1	45.5	68.3
99	59.4	52.2	78.4



#56
Ethyl methacrylate
Concen: 57.172 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion:	69	Resp:	387450
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.5	84.7
39	44.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 53.669 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

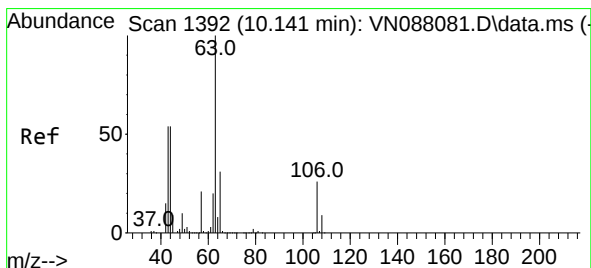
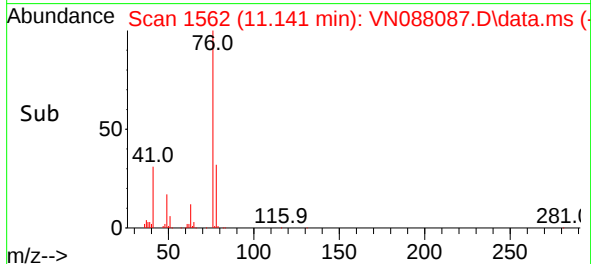
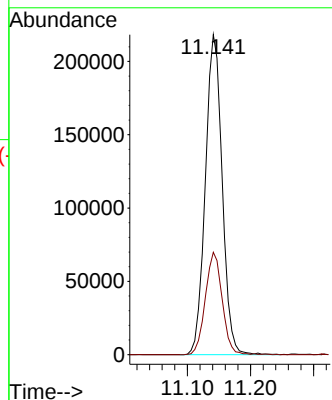
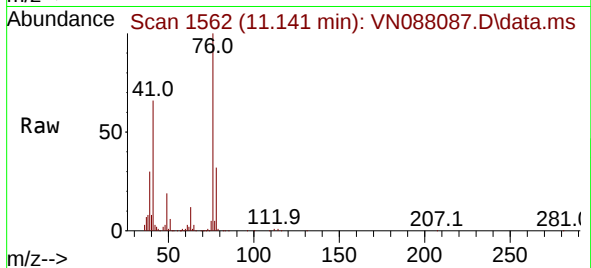
VSTDCCC050

Tgt Ion: 76 Resp: 403978

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 286.733 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088087.D

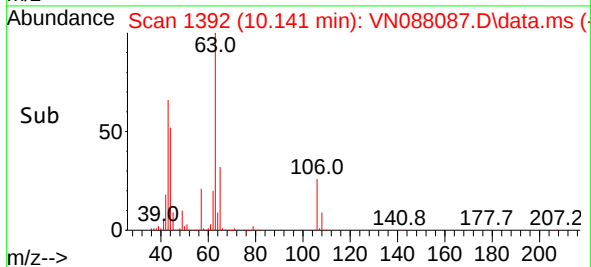
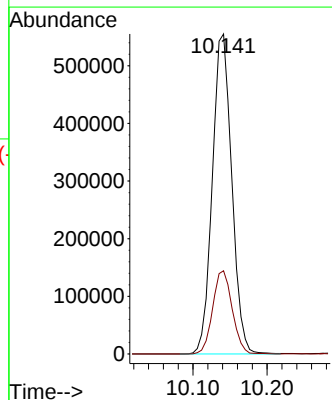
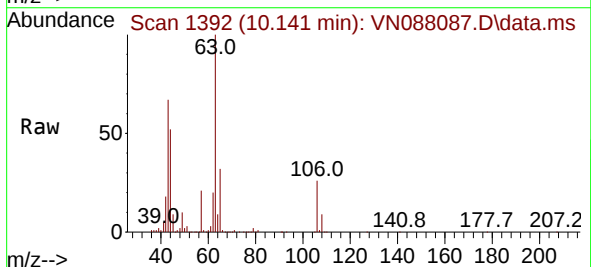
Acq: 24 Oct 2025 12:28

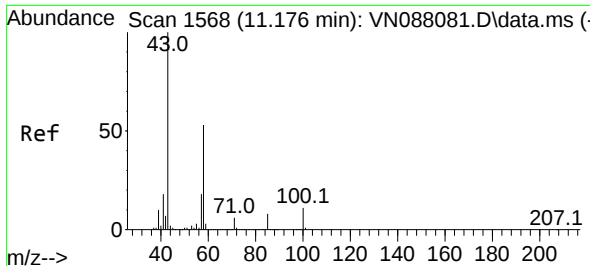
Tgt Ion: 63 Resp: 1010759

Ion Ratio Lower Upper

63 100

106 26.1 21.1 31.7

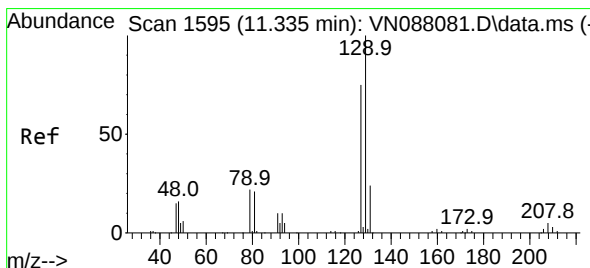
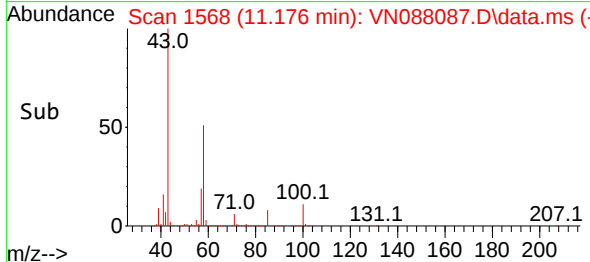
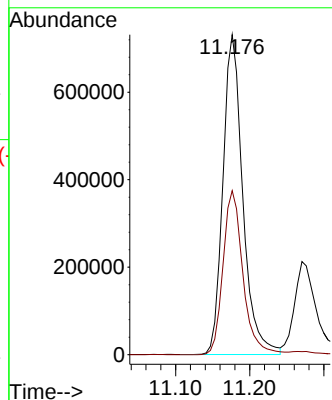
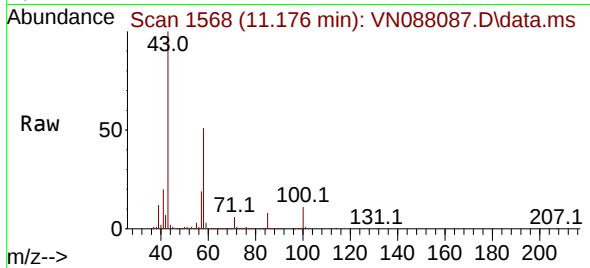




#59
2-Hexanone
Concen: 291.082 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

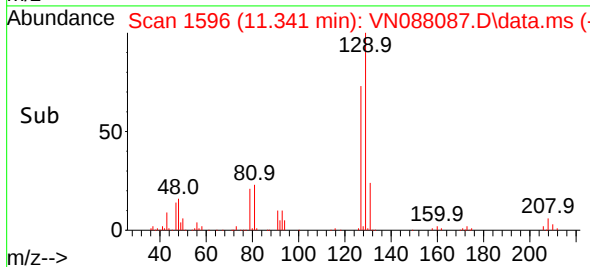
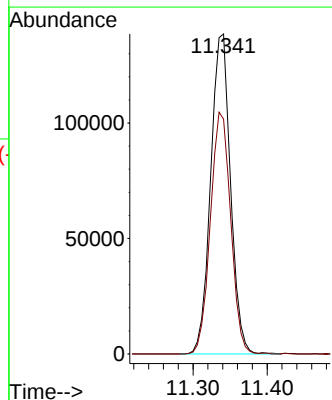
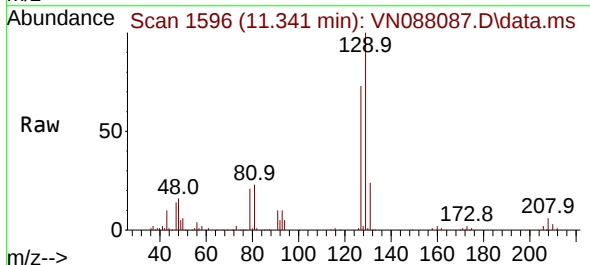
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

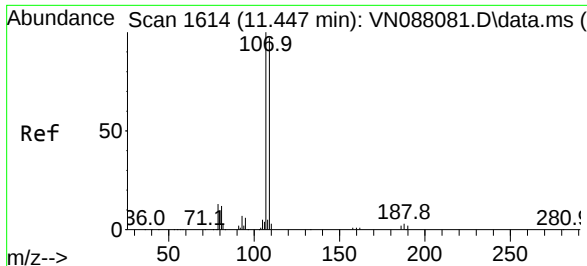
Tgt Ion: 43 Resp: 1361758
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 52.902 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion:129 Resp: 257497
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

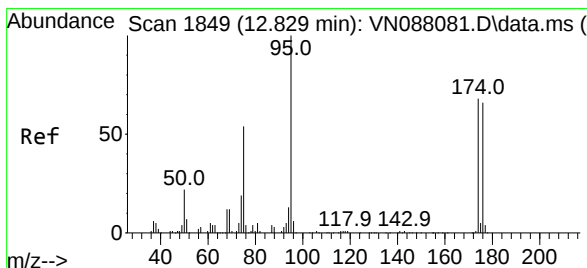
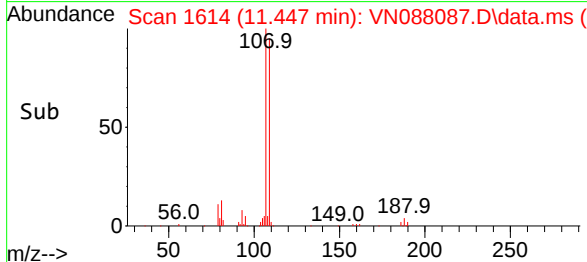
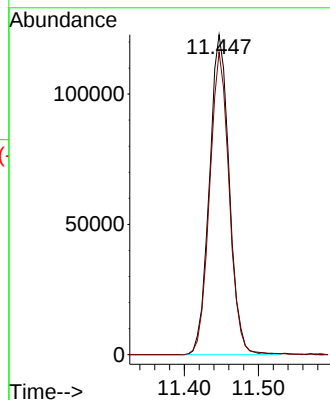
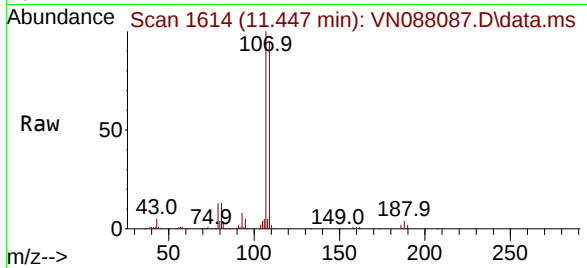




#61
1,2-Dibromoethane
Concen: 51.945 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

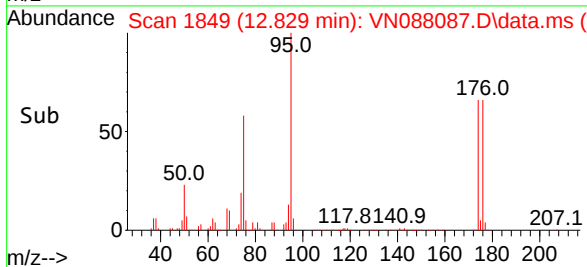
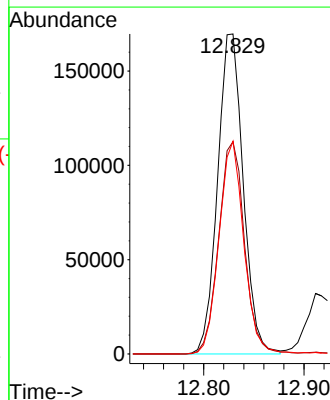
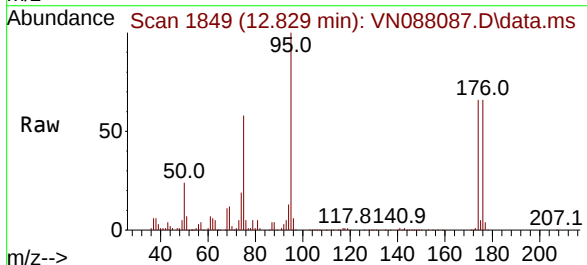
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

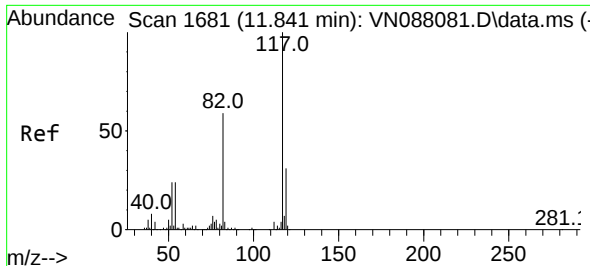
Tgt Ion:107 Resp: 228938
Ion Ratio Lower Upper
107 100
109 93.1 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 53.678 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 95 Resp: 300739
Ion Ratio Lower Upper
95 100
174 66.8 0.0 138.4
176 64.4 0.0 132.6

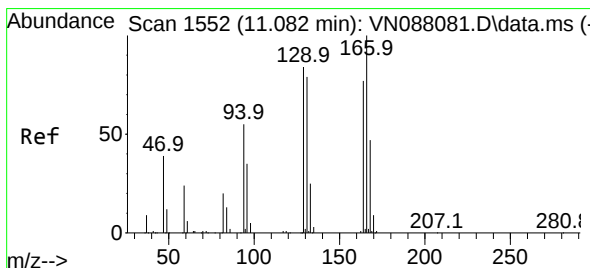
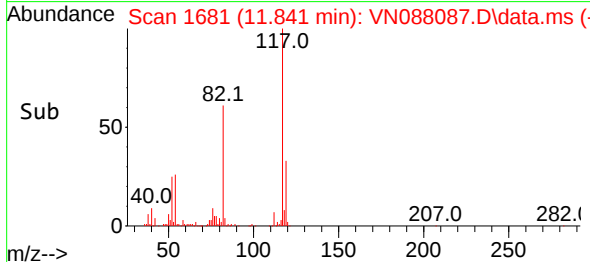
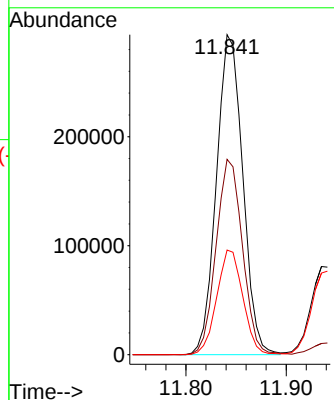
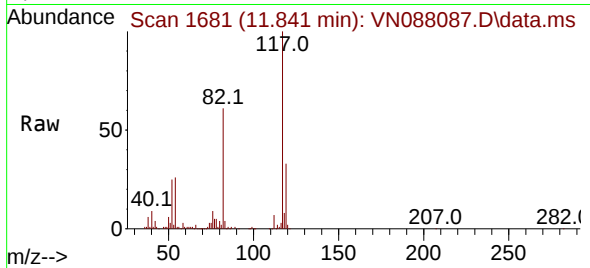




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

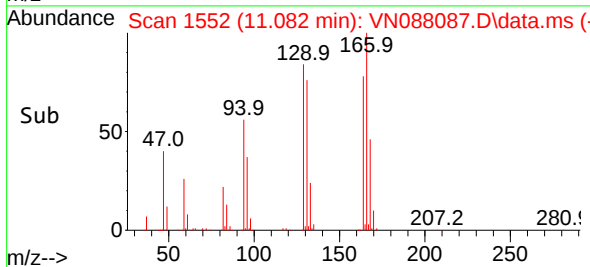
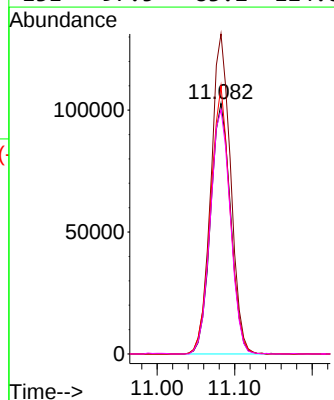
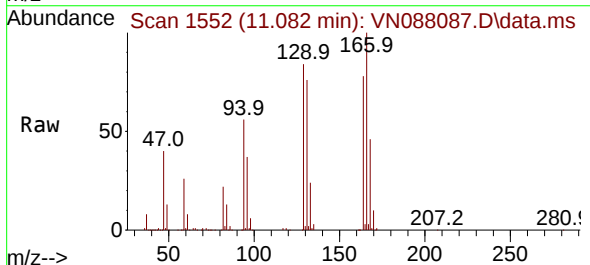
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

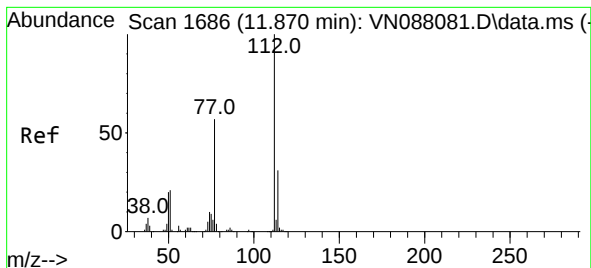
Tgt Ion:117 Resp: 535872
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 32.7 24.3 36.5



#64
Tetrachloroethene
Concen: 51.951 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion:164 Resp: 183631
Ion Ratio Lower Upper
164 100
166 127.7 97.7 146.5
129 107.0 85.9 128.9
131 97.5 83.2 124.8





#65

Chlorobenzene

Concen: 52.086 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

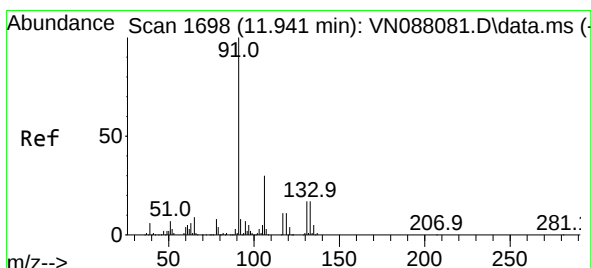
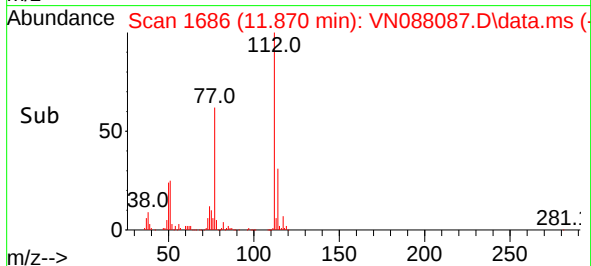
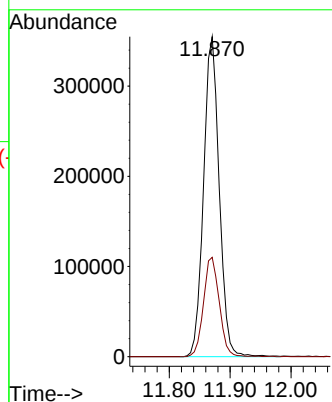
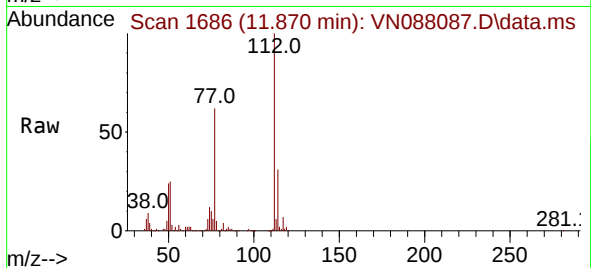
VSTDCCC050

Tgt Ion:112 Resp: 633784

Ion Ratio Lower Upper

112 100

114 31.1 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 54.029 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

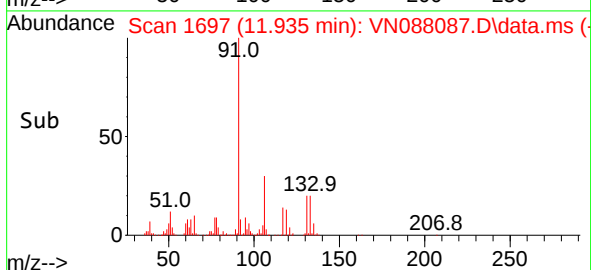
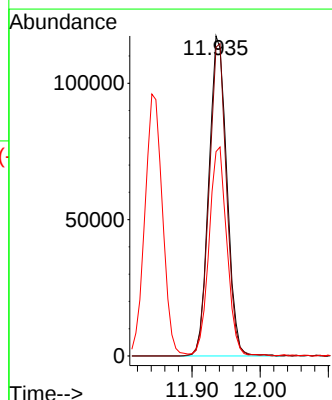
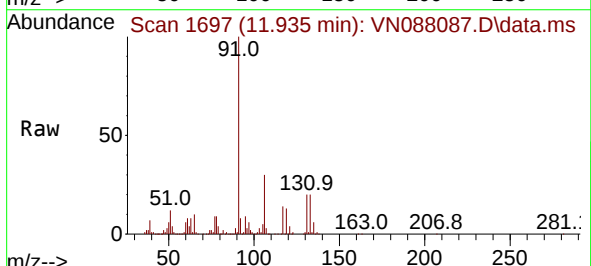
Tgt Ion:131 Resp: 215385

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.0

119 64.9 32.6 97.7





#67

Ethyl Benzene

Concen: 53.447 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

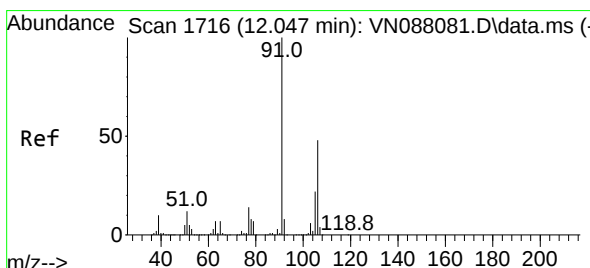
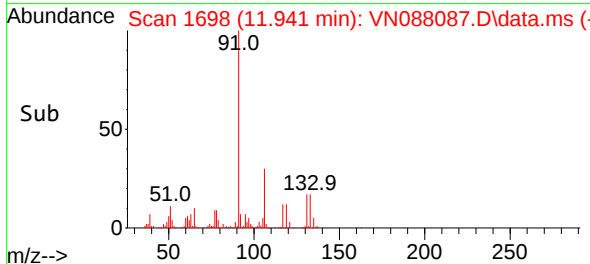
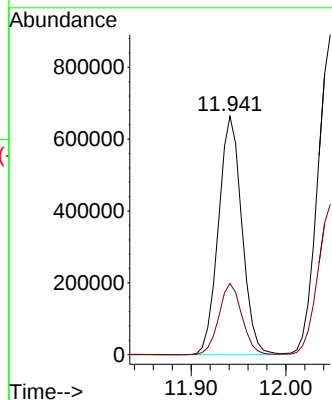
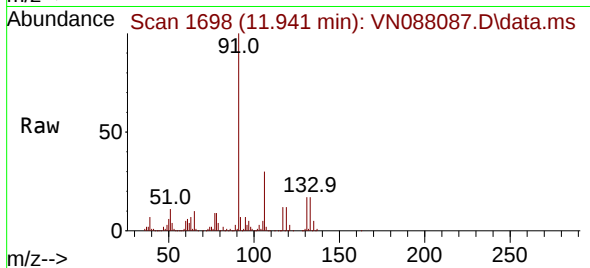
VSTDCCC050

Tgt Ion: 91 Resp: 1141551

Ion Ratio Lower Upper

91 100

106 29.9 24.1 36.1



#68

m/p-Xylenes

Concen: 106.712 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN088087.D

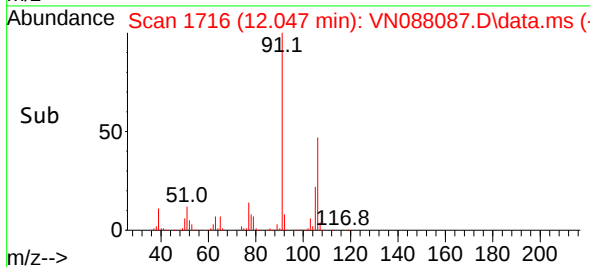
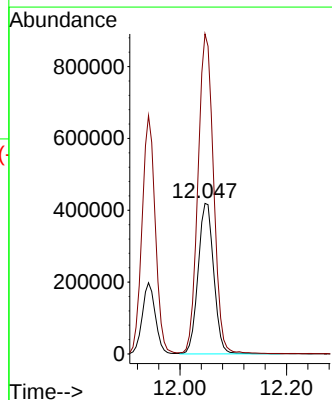
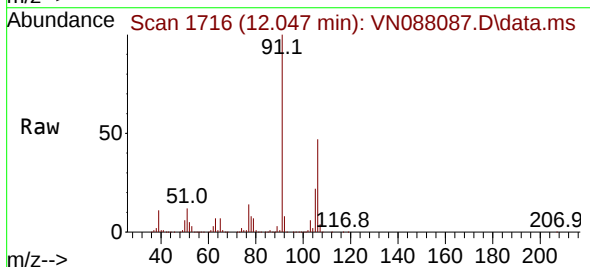
Acq: 24 Oct 2025 12:28

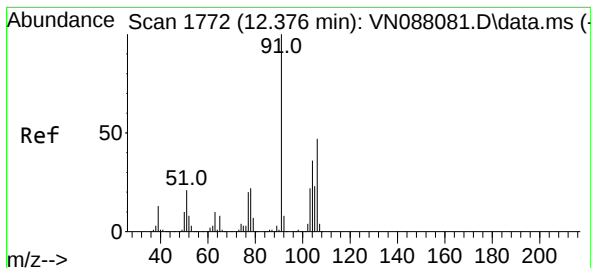
Tgt Ion:106 Resp: 853981

Ion Ratio Lower Upper

106 100

91 211.8 169.3 253.9





#69

o-Xylene

Concen: 53.975 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

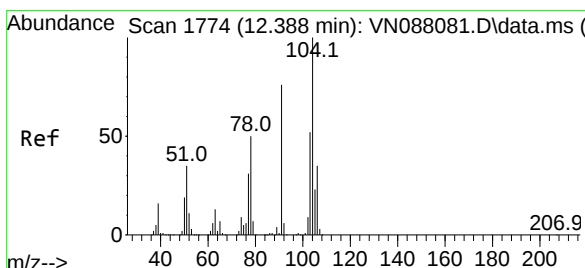
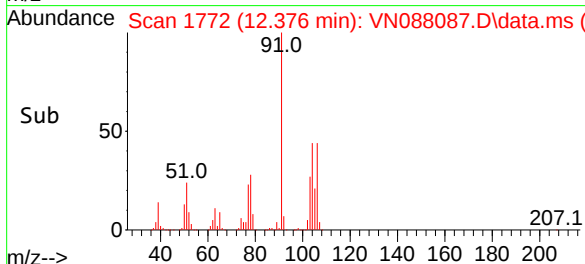
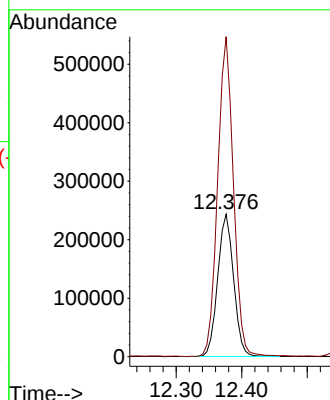
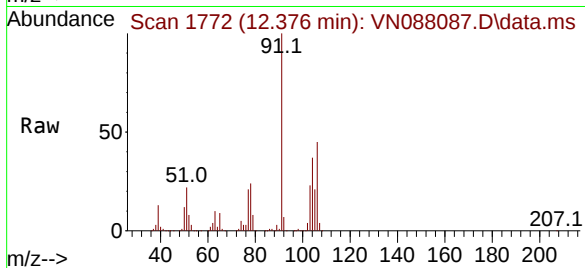
VSTDCCC050

Tgt Ion:106 Resp: 409468

Ion Ratio Lower Upper

106 100

91 222.7 111.4 334.2



#70

Styrene

Concen: 56.837 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

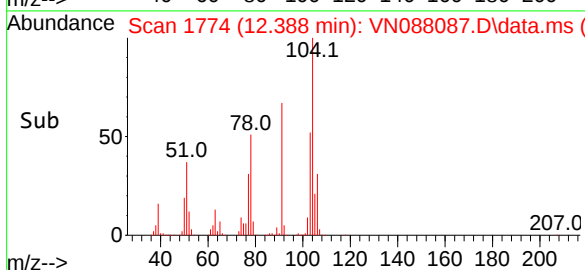
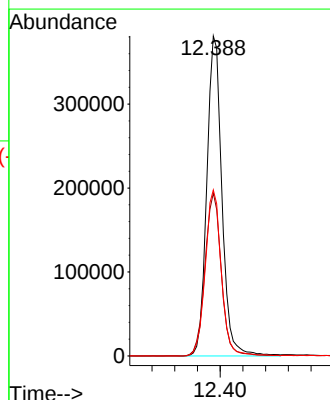
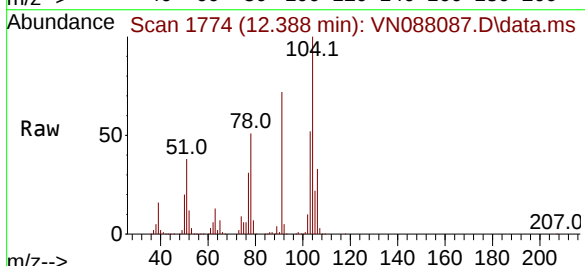
Tgt Ion:104 Resp: 703114

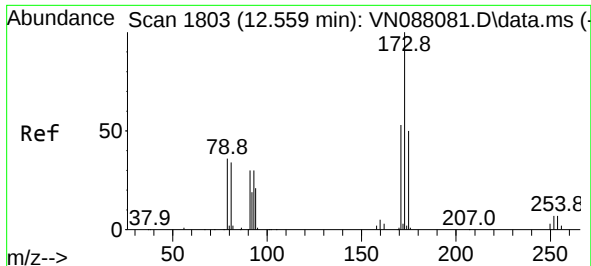
Ion Ratio Lower Upper

104 100

78 54.9 42.2 63.2

103 54.6 43.4 65.2

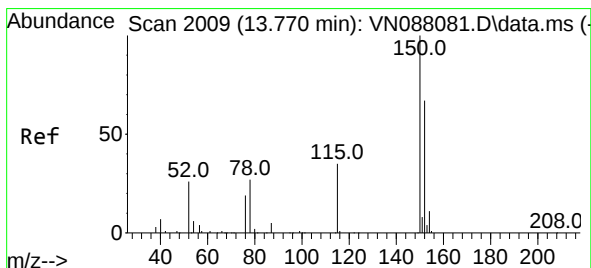
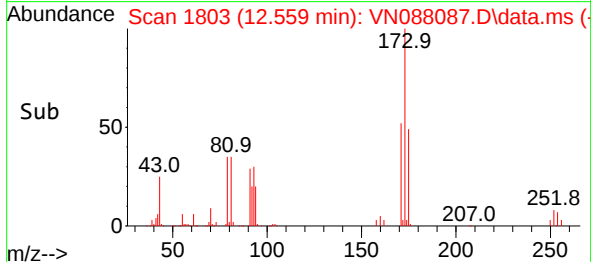
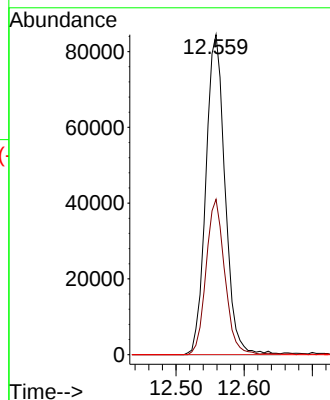
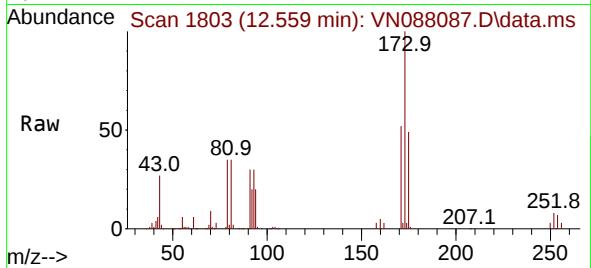




#71
Bromoform
Concen: 55.593 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

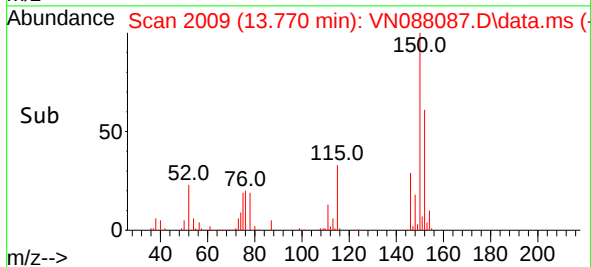
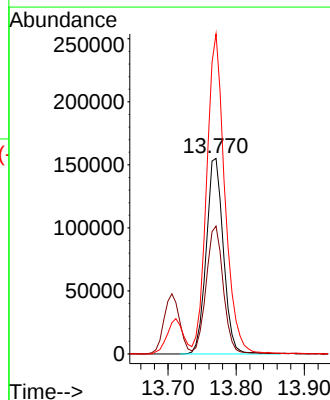
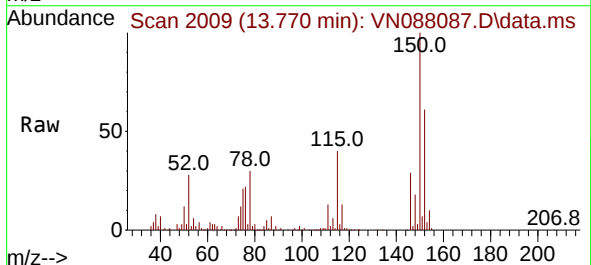
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

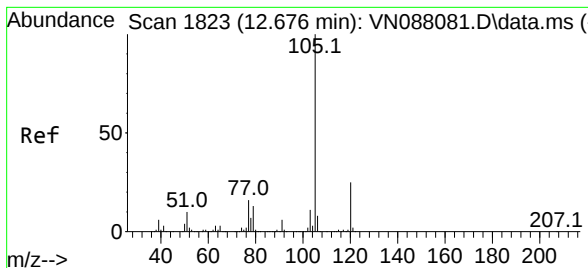
Tgt Ion:173 Resp: 165388
Ion Ratio Lower Upper
173 100
175 47.2 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion:152 Resp: 271470
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 172.4 0.0 351.0





#73

Isopropylbenzene

Concen: 52.015 ug/l

RT: 12.670 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

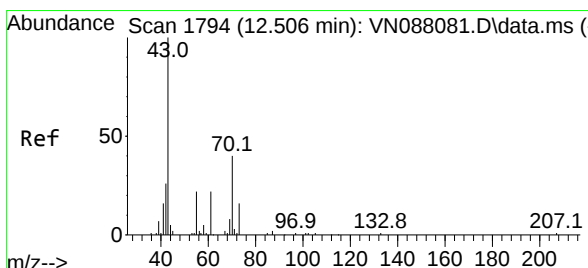
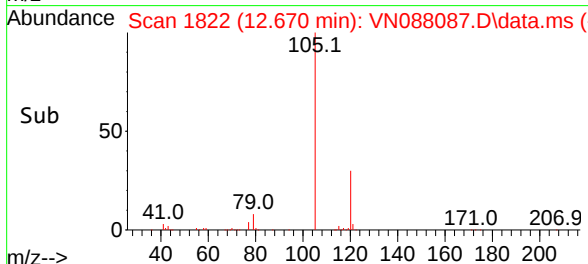
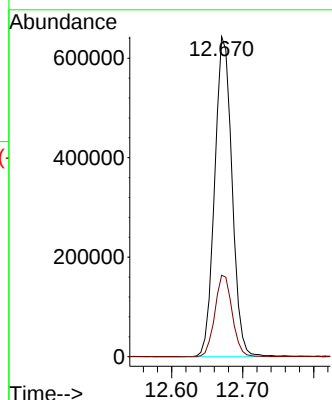
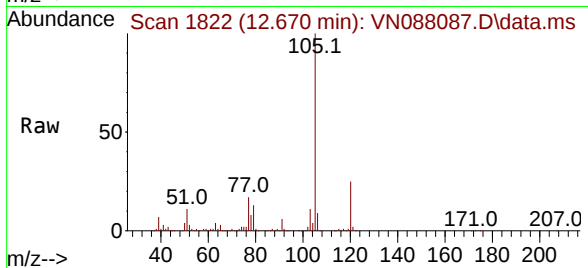
VSTDCCC050

Tgt Ion:105 Resp: 1089078

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



#74

N-ethyl acetate

Concen: 39.332 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Tgt Ion: 43 Resp: 233779

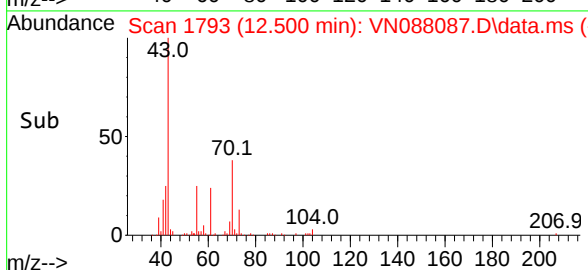
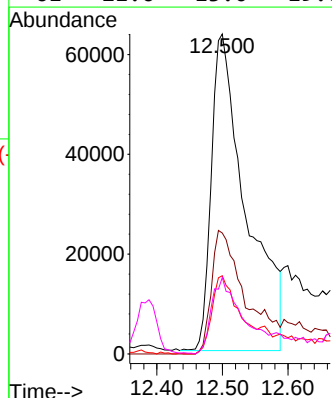
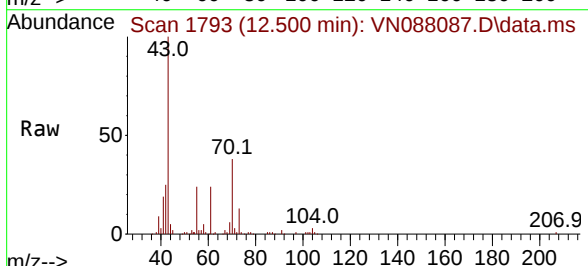
Ion Ratio Lower Upper

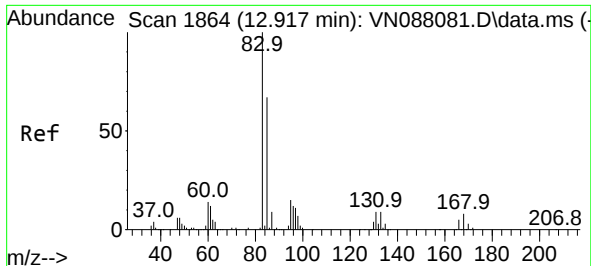
43 100

70 39.0 27.6 41.4

55 19.7 13.0 19.6#

61 21.6 13.0 19.6#

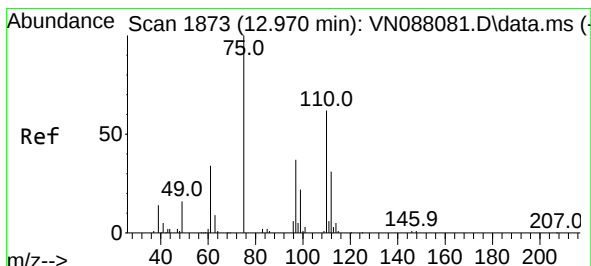
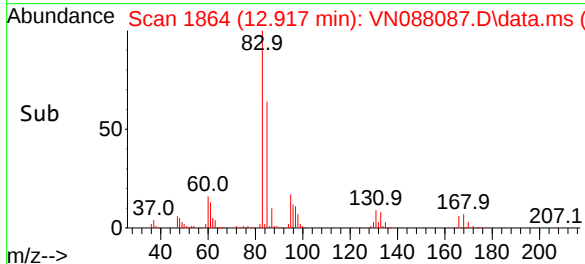
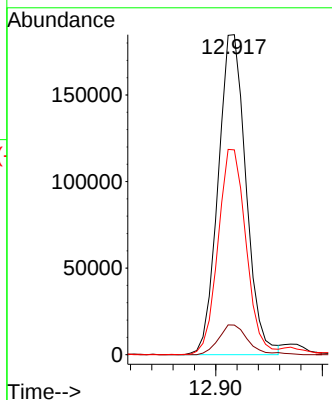
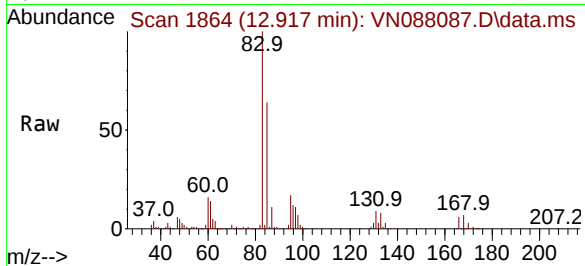




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.529 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

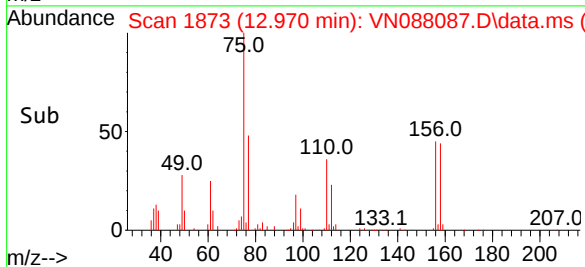
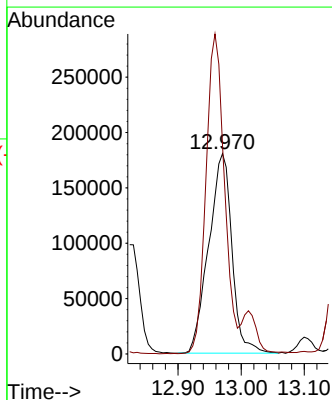
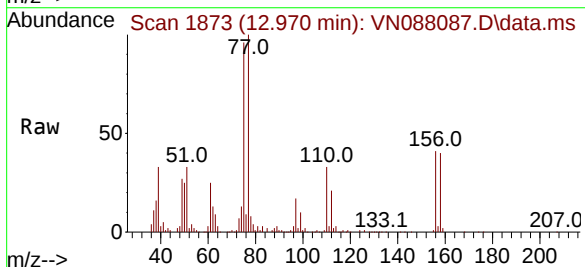
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

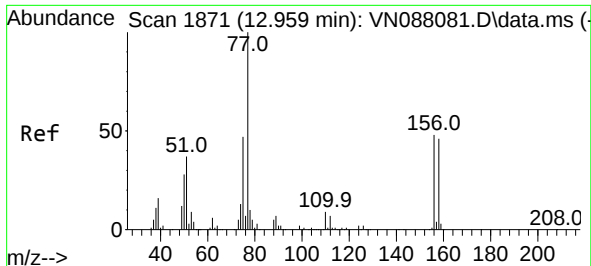
Tgt Ion: 83 Resp: 335898
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.4
 85 64.5 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 74.291 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

Tgt Ion: 75 Resp: 461095
 Ion Ratio Lower Upper
 75 100
 77 126.7 89.1 267.4

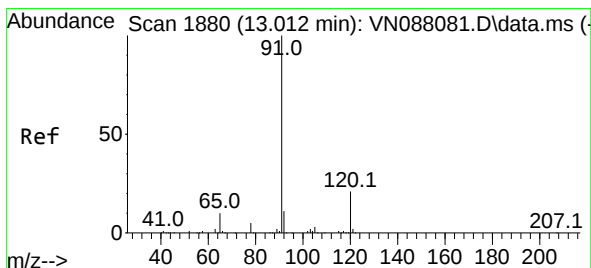
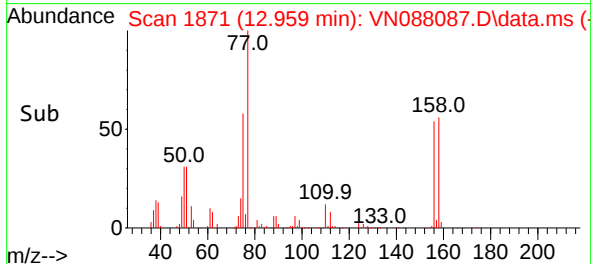
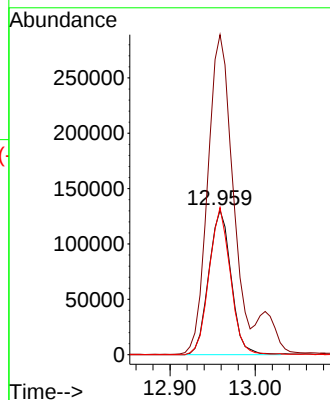
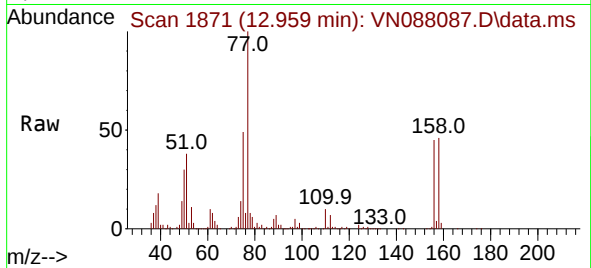




#77
Bromobenzene
Concen: 52.523 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

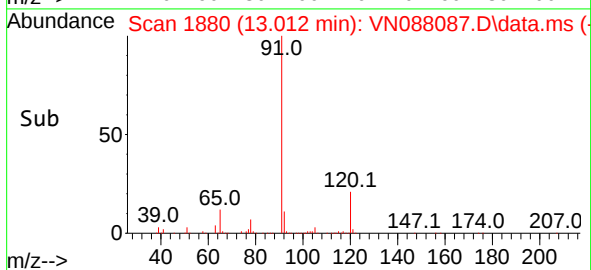
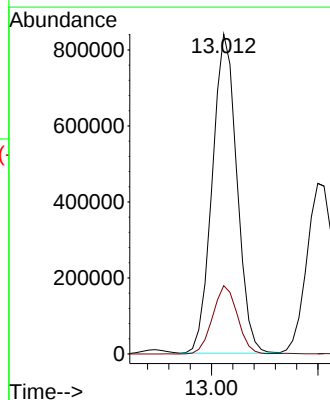
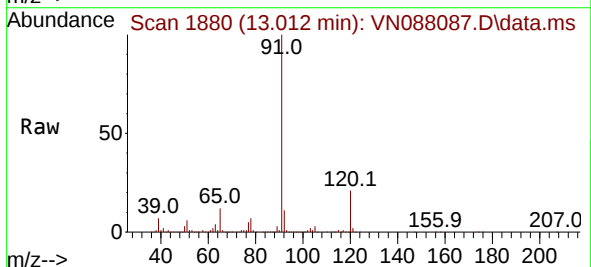
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

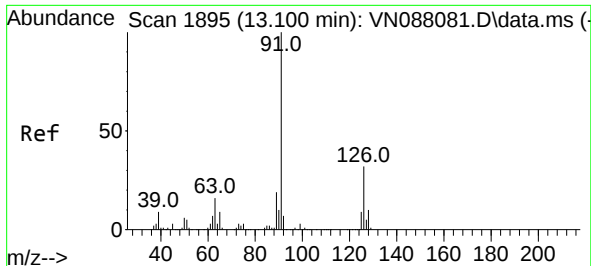
Tgt Ion:156 Resp: 237140
Ion Ratio Lower Upper
156 100
77 246.4 119.3 358.0
158 97.3 48.2 144.6



#78
n-propylbenzene
Concen: 52.794 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 91 Resp: 1348956
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1

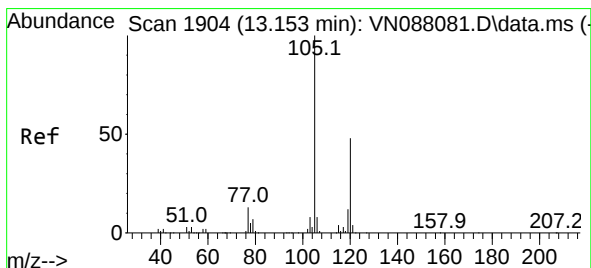
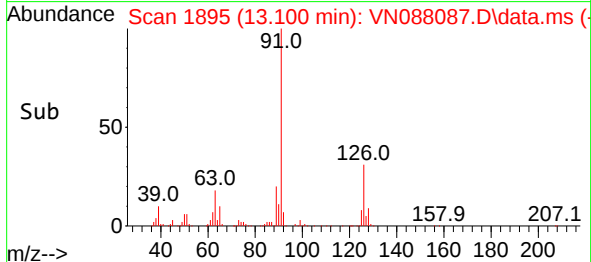
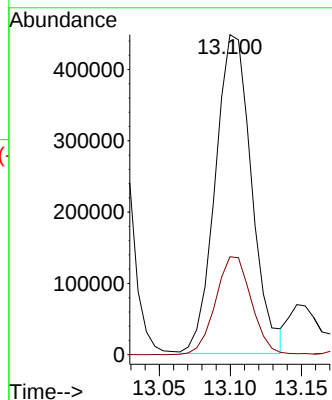
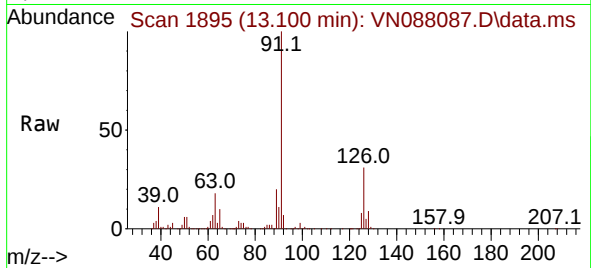




#79
2-Chlorotoluene
Concen: 54.522 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

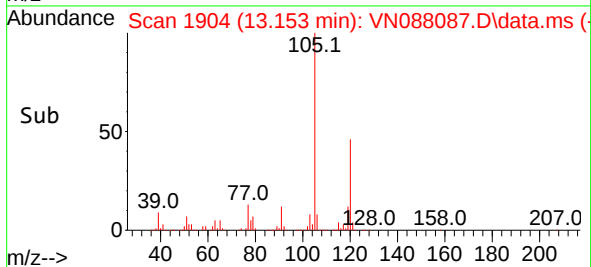
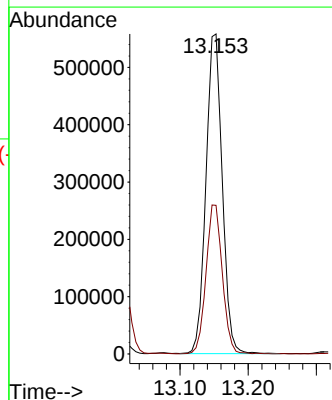
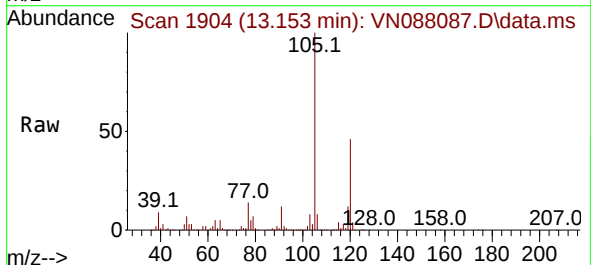
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

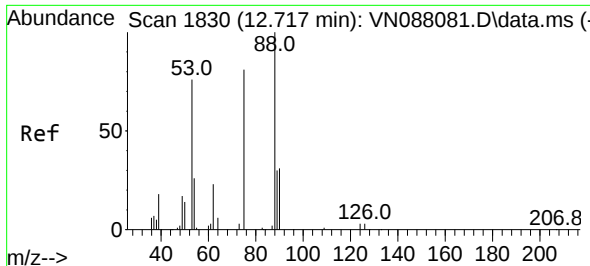
Tgt Ion: 91 Resp: 794466
Ion Ratio Lower Upper
91 100
126 30.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 53.357 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 105 Resp: 927822
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6

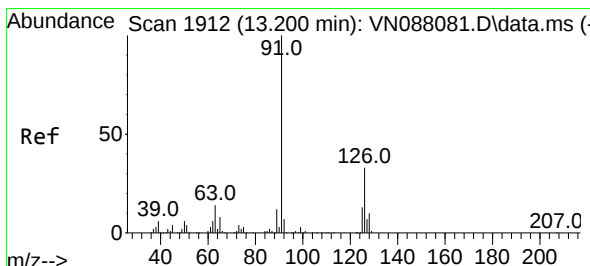
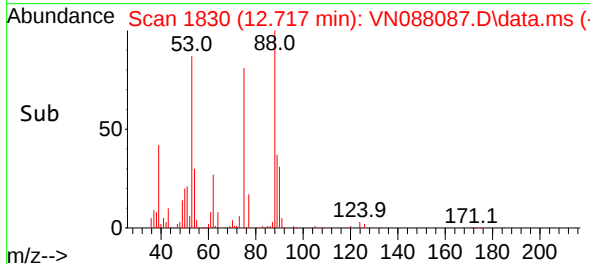
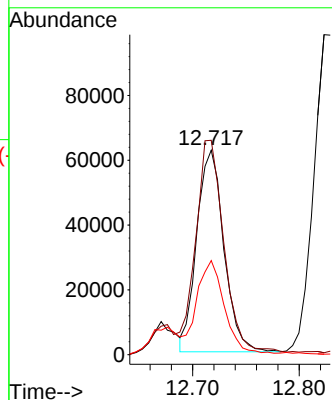
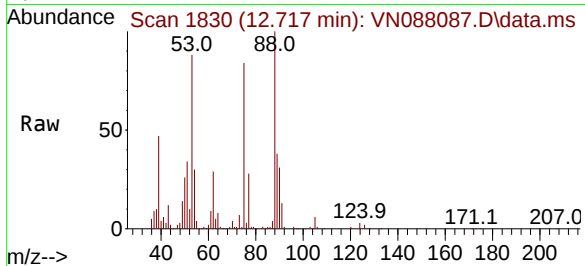




#81
trans-1,4-Dichloro-2-butene
Concen: 49.619 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

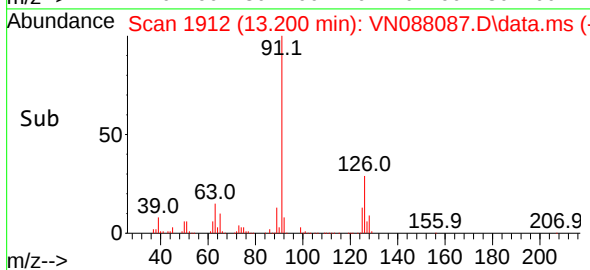
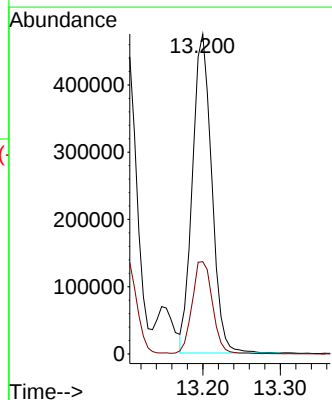
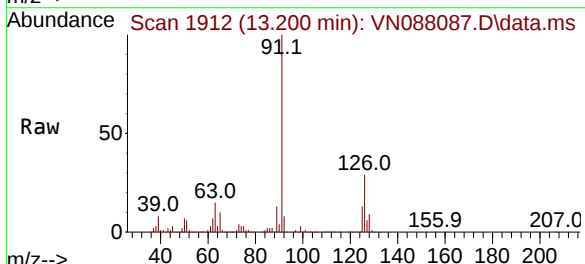
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

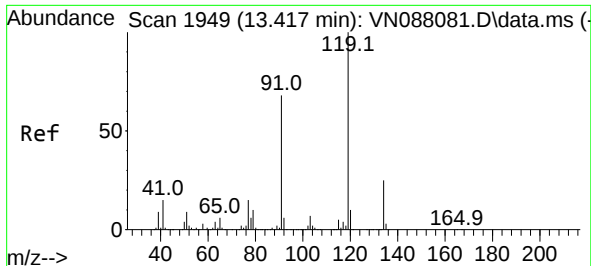
Tgt Ion: 75 Resp: 110401
Ion Ratio Lower Upper
75 100
53 111.0 101.8 152.6
89 46.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 51.893 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion: 91 Resp: 818082
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.8

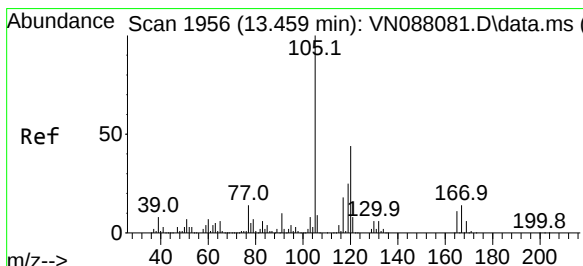
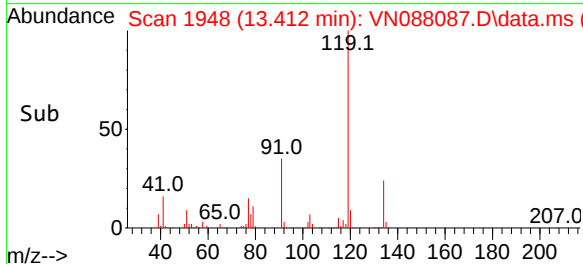
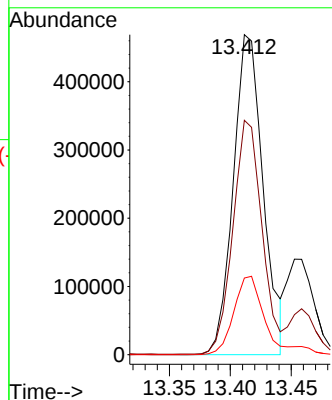
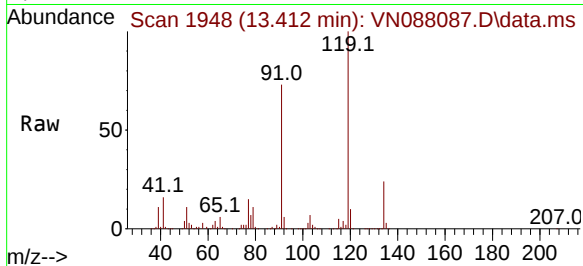




#83
 tert-Butylbenzene
 Concen: 51.524 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

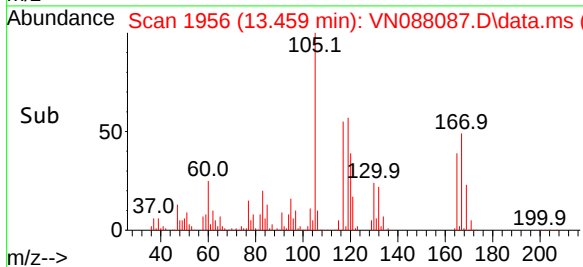
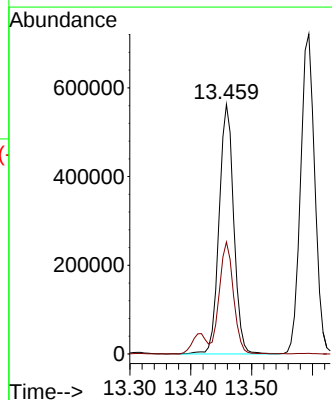
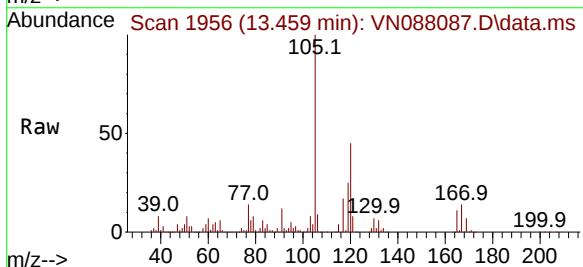
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

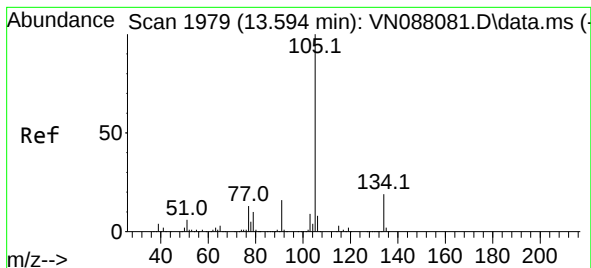
Tgt Ion:119 Resp: 800354
 Ion Ratio Lower Upper
 119 100
 91 71.1 35.0 105.0
 134 25.9 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.917 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088087.D
 Acq: 24 Oct 2025 12:28

Tgt Ion:105 Resp: 938035
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 51.220 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

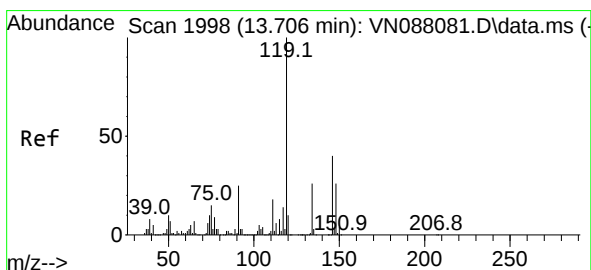
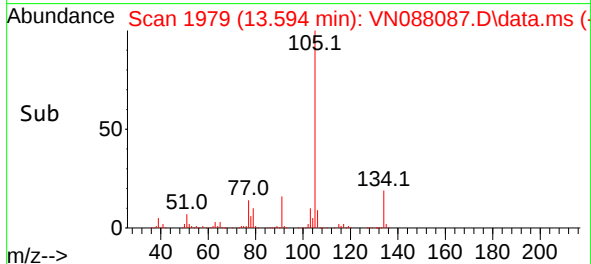
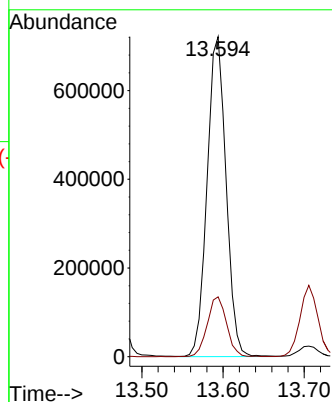
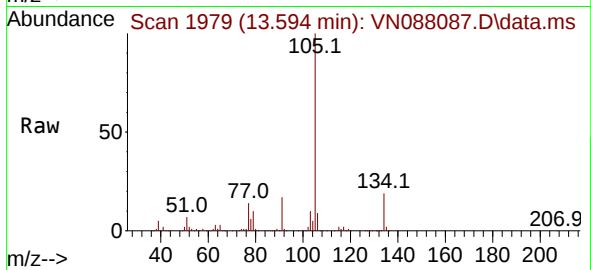
VSTDCCC050

Tgt Ion:105 Resp: 1168949

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 53.512 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

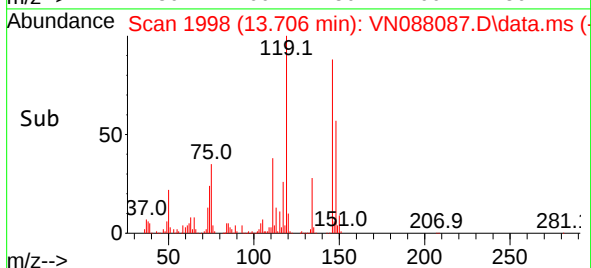
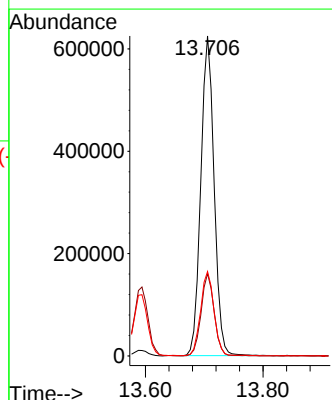
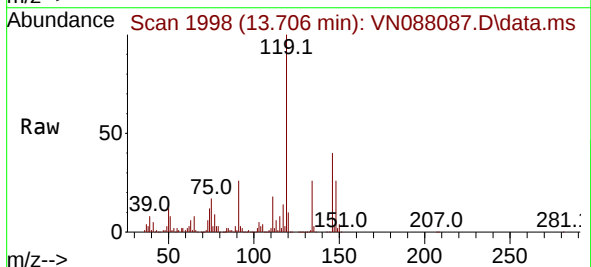
Tgt Ion:119 Resp: 979692

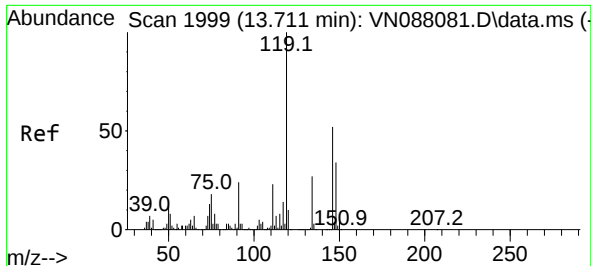
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 26.3 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 52.507 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

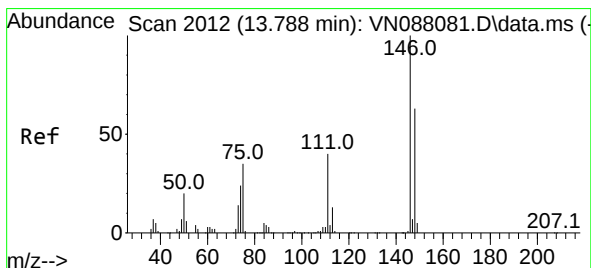
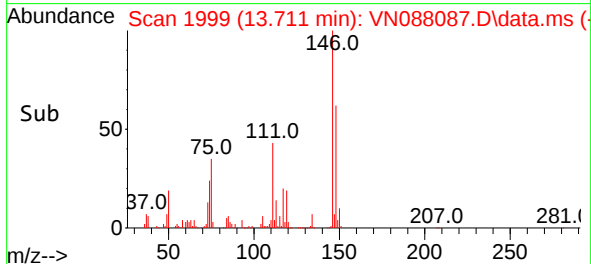
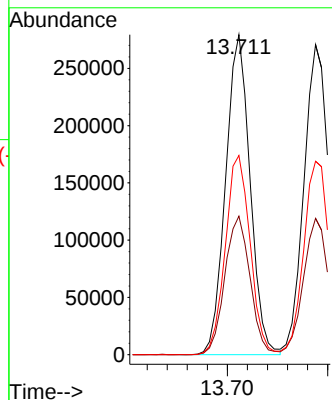
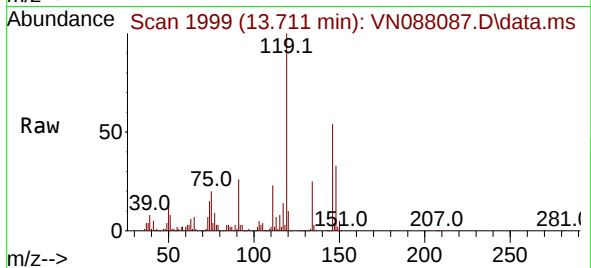
Tgt Ion:146 Resp: 473261

Ion Ratio Lower Upper

146 100

111 44.7 22.1 66.5

148 63.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.213 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

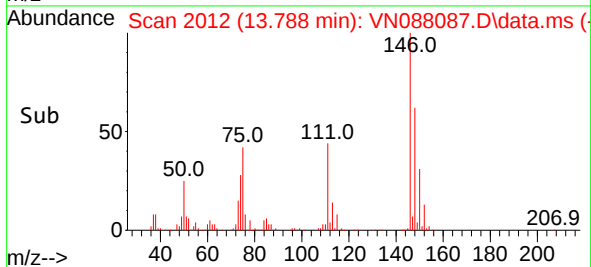
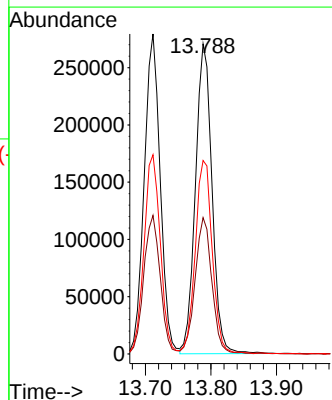
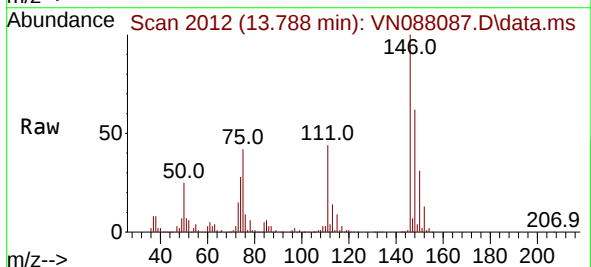
Tgt Ion:146 Resp: 476413

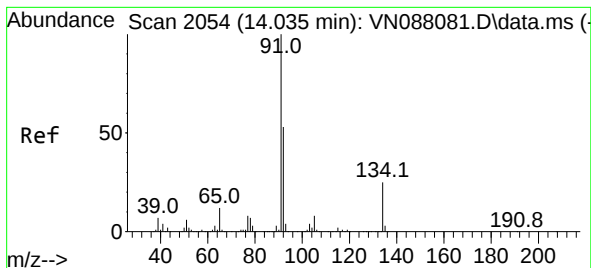
Ion Ratio Lower Upper

146 100

111 44.7 21.0 63.0

148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 52.316 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

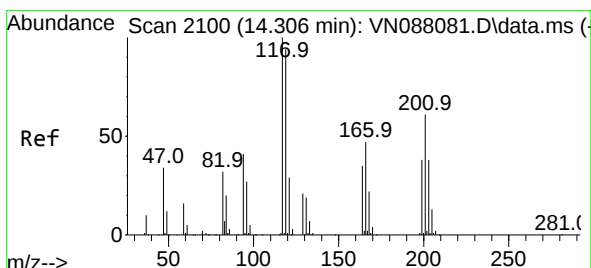
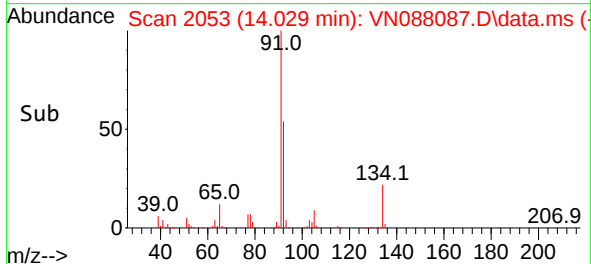
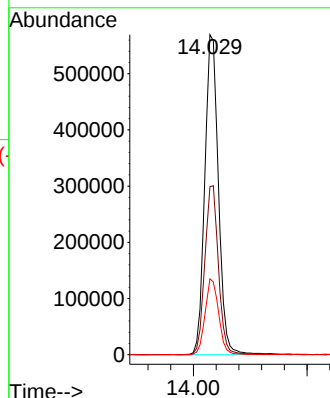
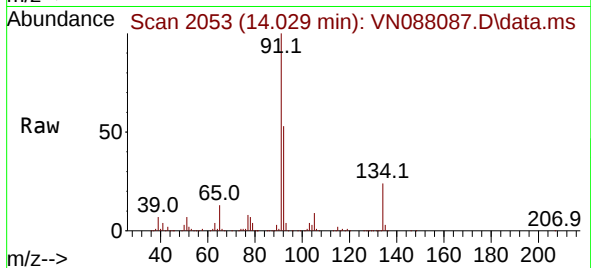
Tgt Ion: 91 Resp: 948738

Ion Ratio Lower Upper

91 100

92 52.8 25.9 77.8

134 23.5 11.7 35.0



#90

Hexachloroethane

Concen: 50.866 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088087.D

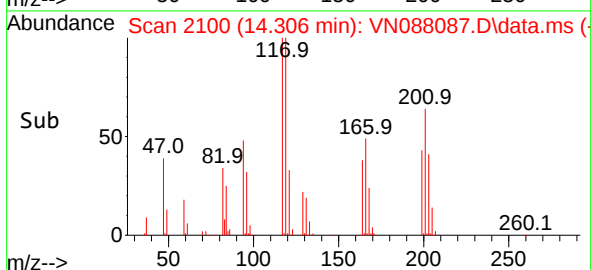
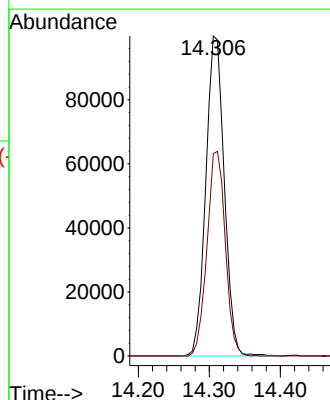
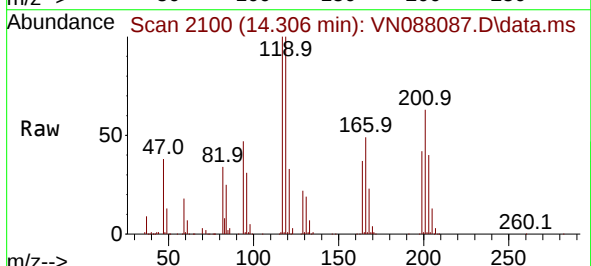
Acq: 24 Oct 2025 12:28

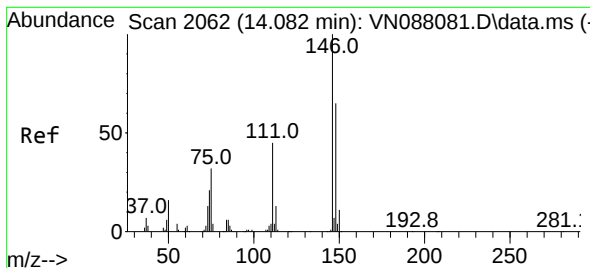
Tgt Ion: 117 Resp: 180337

Ion Ratio Lower Upper

117 100

201 63.4 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 51.009 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

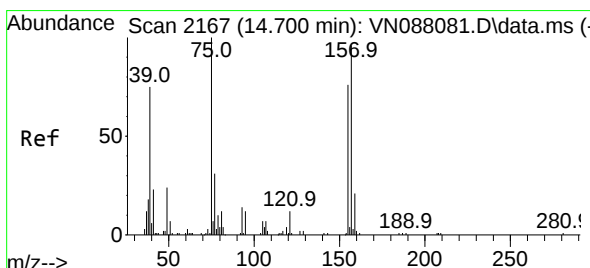
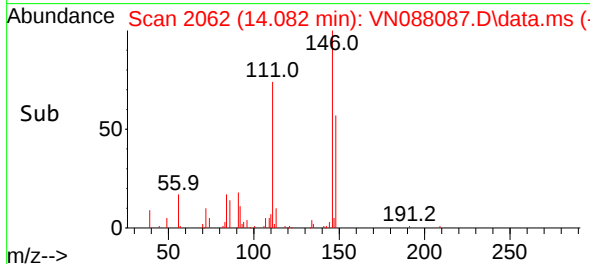
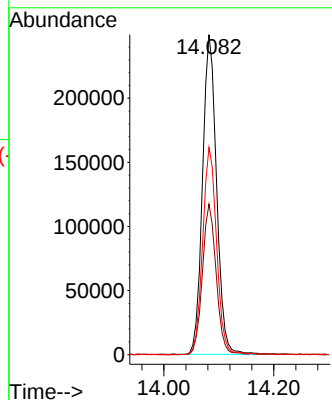
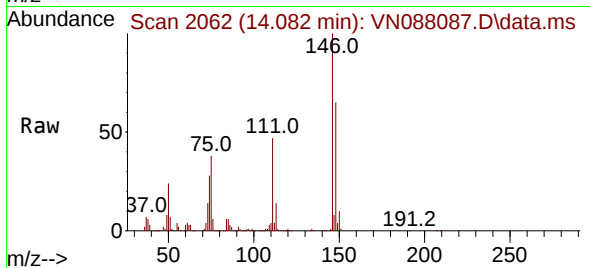
Tgt Ion:146 Resp: 443181

Ion Ratio Lower Upper

146 100

111 46.2 22.6 67.8

148 64.7 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.792 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

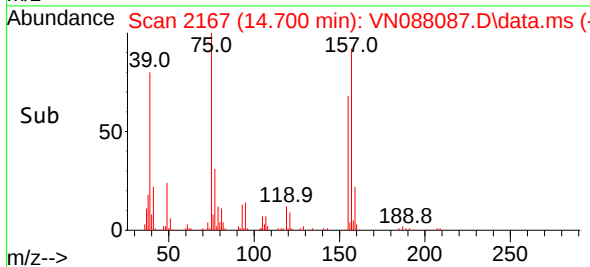
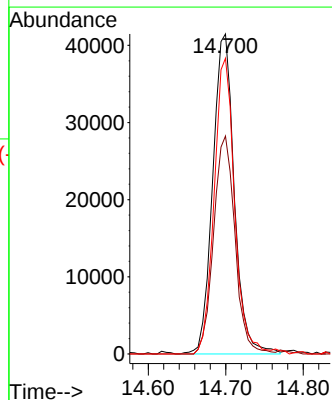
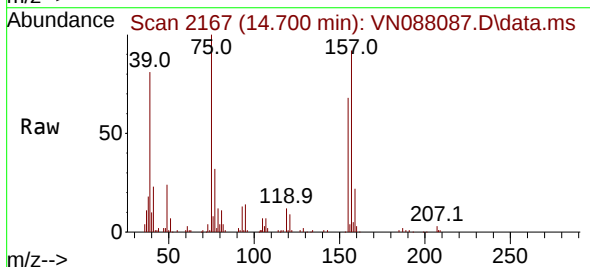
Tgt Ion: 75 Resp: 80098

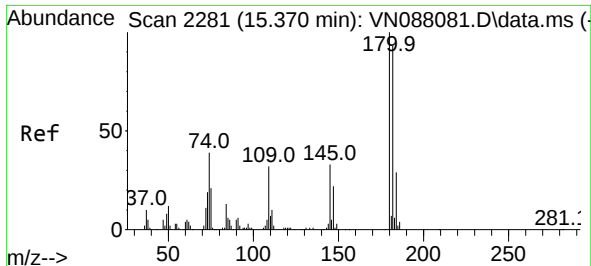
Ion Ratio Lower Upper

75 100

155 67.6 36.6 109.9

157 88.3 45.6 136.9

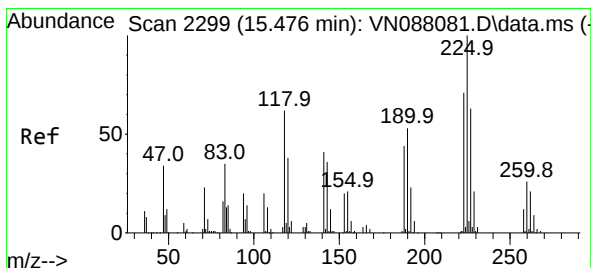
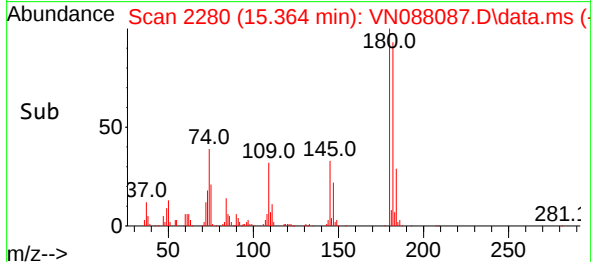
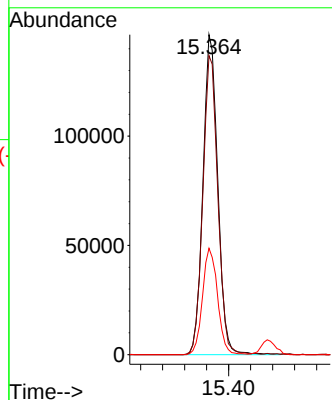
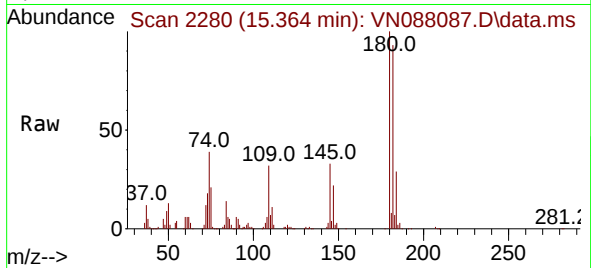




#93
1,2,4-Trichlorobenzene
Concen: 52.036 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

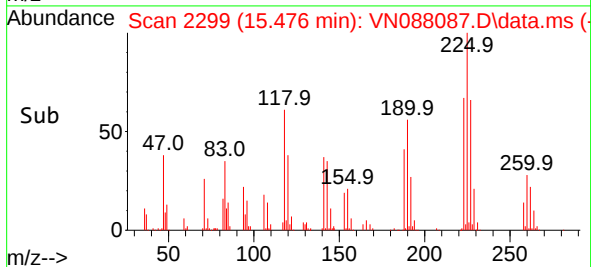
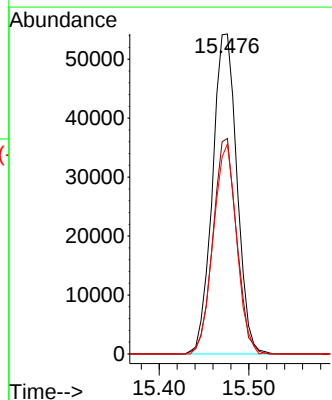
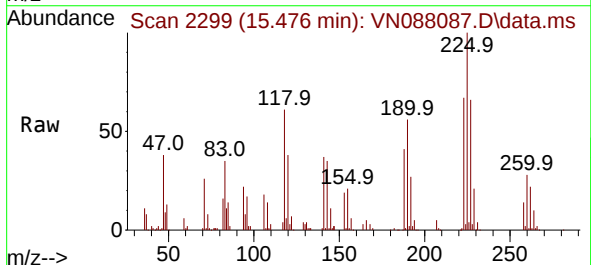
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

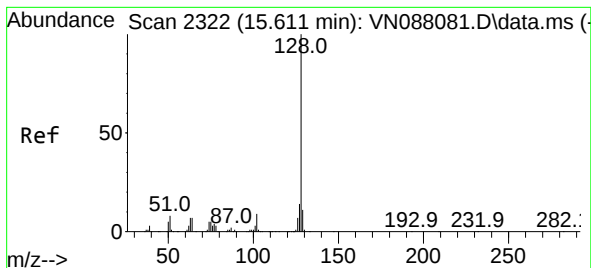
Tgt Ion:180 Resp: 273803
Ion Ratio Lower Upper
180 100
182 94.3 47.6 142.9
145 33.8 16.5 49.5



#94
Hexachlorobutadiene
Concen: 52.391 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088087.D
Acq: 24 Oct 2025 12:28

Tgt Ion:225 Resp: 102659
Ion Ratio Lower Upper
225 100
223 65.2 32.0 96.2
227 62.7 32.1 96.5





#95

Naphthalene

Concen: 52.085 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

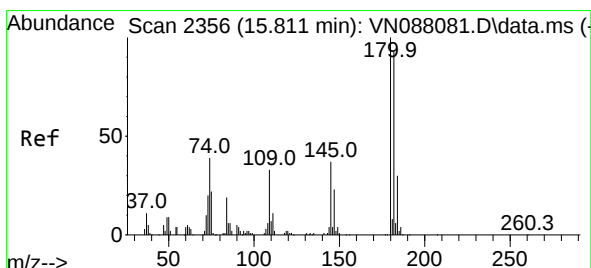
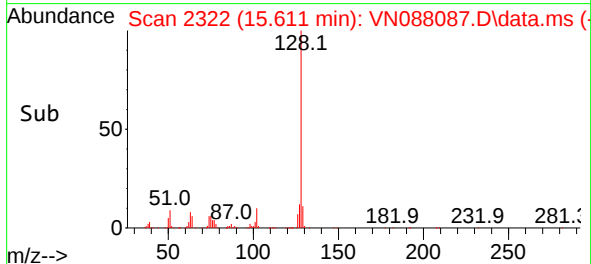
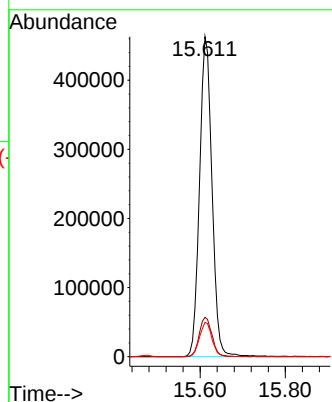
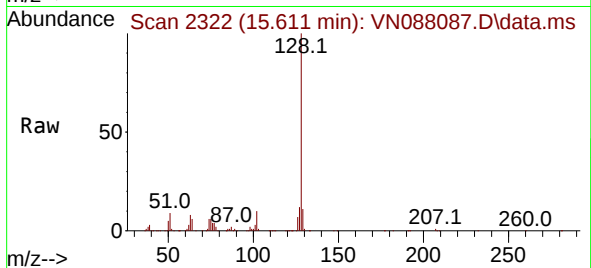
Tgt Ion:128 Resp: 938860

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.188 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088087.D

Acq: 24 Oct 2025 12:28

Tgt Ion:180 Resp: 258257

Ion Ratio Lower Upper

180 100

182 95.4 46.8 140.3

145 36.2 17.3 52.0

