

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087961.D
 Acq On : 26 Sep 2025 12:53
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Sep 27 01:22:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	207820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	397459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	386821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	216102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	182377	52.146	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.300%			
35) Dibromofluoromethane	8.147	113	141745	49.119	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	10.547	98	504088	49.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.340%			
62) 4-Bromofluorobenzene	12.829	95	180338	49.715	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	126695	52.642	ug/l	93
3) Chloromethane	2.383	50	132134	53.620	ug/l	98
4) Vinyl Chloride	2.536	62	138137	54.945	ug/l	99
5) Bromomethane	2.965	94	82884	53.178	ug/l	97
6) Chloroethane	3.130	64	95303	58.300	ug/l	96
7) Trichlorofluoromethane	3.501	101	226254	55.273	ug/l	98
8) Diethyl Ether	3.959	74	88069	56.949	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	123690	57.172	ug/l	99
10) Methyl Iodide	4.577	142	102525	52.654	ug/l	93
11) Tert butyl alcohol	5.530	59	152680	303.085	ug/l	100
12) 1,1-Dichloroethene	4.336	96	123402	56.529	ug/l	99
13) Acrolein	4.171	56	184339	285.192	ug/l	96
14) Allyl chloride	5.012	41	190296	53.545	ug/l	97
15) Acrylonitrile	5.706	53	469931	297.396	ug/l	100
16) Acetone	4.424	43	394050	273.835	ug/l	96
17) Carbon Disulfide	4.700	76	344242	50.471	ug/l	100
18) Methyl Acetate	5.018	43	232489	64.557	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	501451	58.804	ug/l	99
20) Methylene Chloride	5.259	84	163324	56.073	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	144799	54.108	ug/l	90
22) Diisopropyl ether	6.665	45	490307	59.099	ug/l	93
23) Vinyl Acetate	6.589	43	2212550	316.734	ug/l	99
24) 1,1-Dichloroethane	6.553	63	277560	57.264	ug/l	99
25) 2-Butanone	7.471	43	649052	295.096	ug/l	100
26) 2,2-Dichloropropane	7.471	77	217458	50.496	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	182492	57.312	ug/l	98
28) Bromochloromethane	7.800	49	128247	48.699	ug/l	97
29) Tetrahydrofuran	7.824	42	442430	314.149	ug/l	99
30) Chloroform	7.947	83	308791	58.265	ug/l	99
31) Cyclohexane	8.241	56	200621	51.154	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	254845	56.908	ug/l	98
36) 1,1-Dichloropropene	8.353	75	187870	54.142	ug/l	98
37) Ethyl Acetate	7.553	43	259696	56.993	ug/l	99
38) Carbon Tetrachloride	8.341	117	217769	54.691	ug/l	96
39) Methylcyclohexane	9.582	83	204808	53.504	ug/l	98
40) Benzene	8.588	78	641892	55.869	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	131453	55.822	ug/l	96
42) 1,2-Dichloroethane	8.653	62	234098	54.599	ug/l	100
43) Isopropyl Acetate	8.677	43	410048	57.170	ug/l	100
44) Trichloroethene	9.335	130	146352	53.328	ug/l	95
45) 1,2-Dichloropropane	9.600	63	162526	56.414	ug/l	98
46) Dibromomethane	9.688	93	127511	56.091	ug/l	97
47) Bromodichloromethane	9.871	83	252153	56.552	ug/l	99
48) Methyl methacrylate	9.665	41	190229	57.272	ug/l	97
49) 1,4-Dioxane	9.682	88	60239	1227.641	ug/l #	83
51) 4-Methyl-2-Pentanone	10.424	43	1363130	304.570	ug/l	100
52) Toluene	10.612	92	400894	55.604	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	246043	53.917	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	253160	53.414	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	168341	57.424	ug/l	99
56) Ethyl methacrylate	10.859	69	247981	58.542	ug/l	100
57) 1,3-Dichloropropane	11.141	76	277227	57.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	688704	345.796	ug/l	98
59) 2-Hexanone	11.176	43	919188	310.603	ug/l	100
60) Dibromochloromethane	11.335	129	197127	57.192	ug/l	98
61) 1,2-Dibromoethane	11.447	107	176168	56.765	ug/l	99
64) Tetrachloroethene	11.082	164	125013	53.055	ug/l	98
65) Chlorobenzene	11.871	112	451921	54.899	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	166522	56.096	ug/l	98
67) Ethyl Benzene	11.941	91	757861	55.174	ug/l	100
68) m/p-Xylenes	12.047	106	595665	113.389	ug/l	99
69) o-Xylene	12.376	106	288582	57.178	ug/l	96
70) Styrene	12.388	104	496620	57.292	ug/l	99
71) Bromoform	12.559	173	134584	55.881	ug/l #	99
73) Isopropylbenzene	12.676	105	727632	54.327	ug/l	100
74) N-amyl acetate	12.506	43	108178	24.513	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.918	83	258825	53.635	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	339552	79.710	ug/l	58
77) Bromobenzene	12.959	156	192931	54.140	ug/l	96
78) n-propylbenzene	13.012	91	891989	53.268	ug/l	99
79) 2-Chlorotoluene	13.106	91	536213	52.590	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	640192	55.261	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	79263	51.669	ug/l	98
82) 4-Chlorotoluene	13.200	91	565759	55.068	ug/l	99
83) tert-Butylbenzene	13.418	119	535037	54.564	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	653277	54.977	ug/l	99
85) sec-Butylbenzene	13.594	105	774838	53.896	ug/l	98
86) p-Isopropyltoluene	13.706	119	661277	54.309	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	368749	53.027	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	377232	52.785	ug/l	97
89) n-Butylbenzene	14.035	91	610647	53.067	ug/l	99
90) Hexachloroethane	14.306	117	131337	51.637	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	366664	54.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	59757	53.293	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	207257	52.368	ug/l	99
94) Hexachlorobutadiene	15.476	225	78098	53.613	ug/l	97
95) Naphthalene	15.617	128	705052	55.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	204984	53.276	ug/l	99

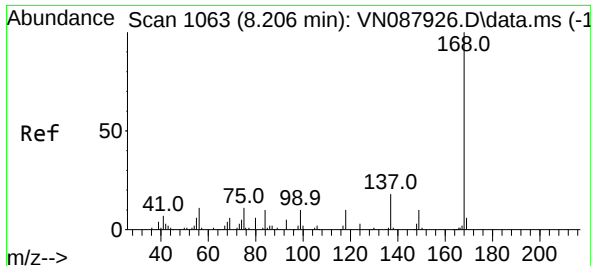
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Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

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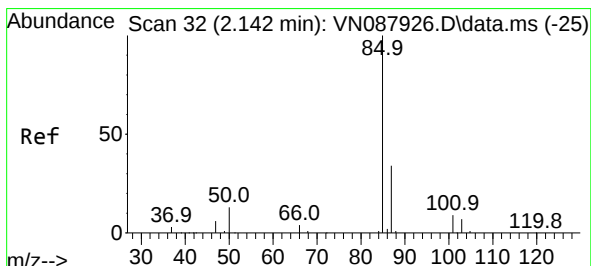
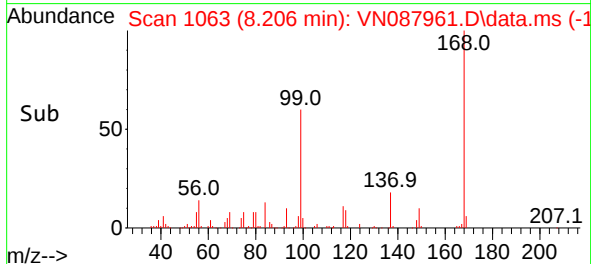
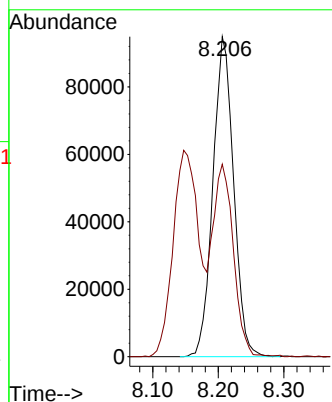
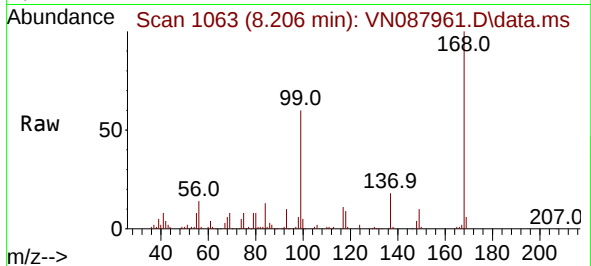
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087961.D
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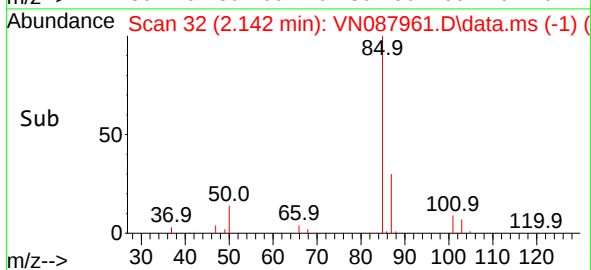
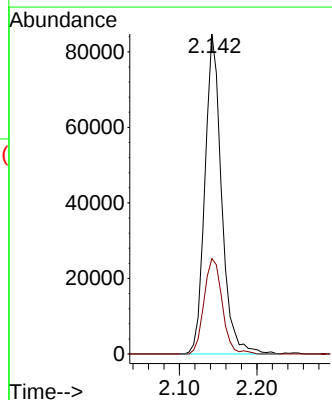
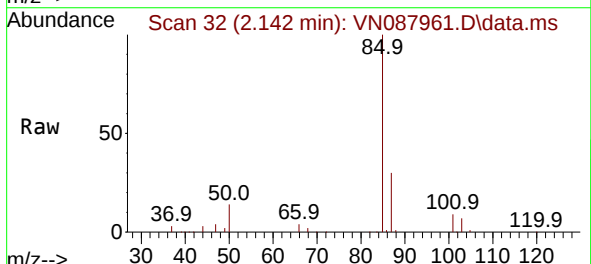
Instrument :
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VSTDCCC050

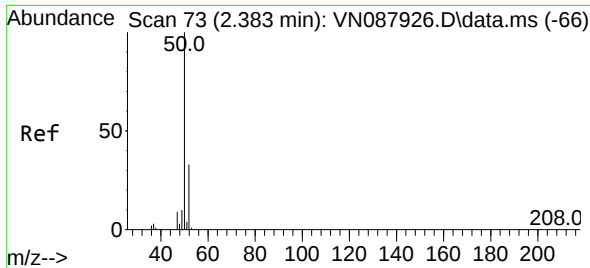
Tgt Ion:168 Resp: 207820
Ion Ratio Lower Upper
168 100
99 59.7 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 52.642 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 85 Resp: 126695
Ion Ratio Lower Upper
85 100
87 29.8 16.9 50.6

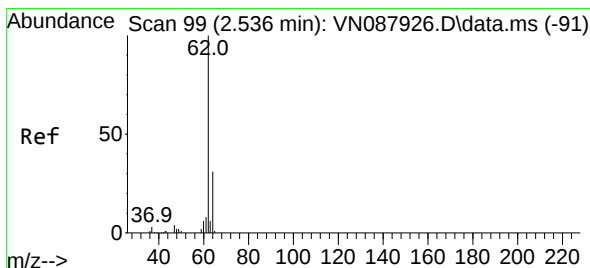
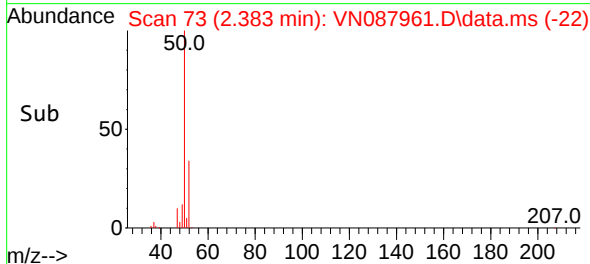
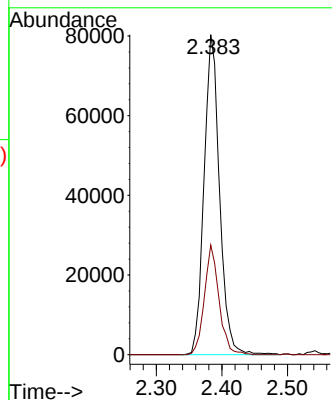
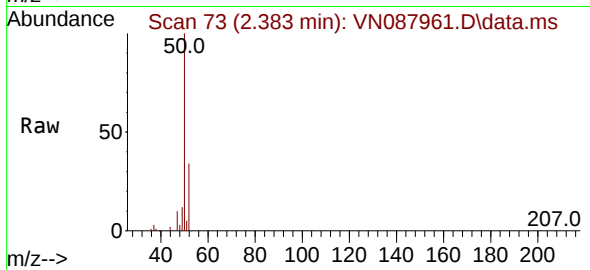




#3
Chloromethane
Concen: 53.620 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

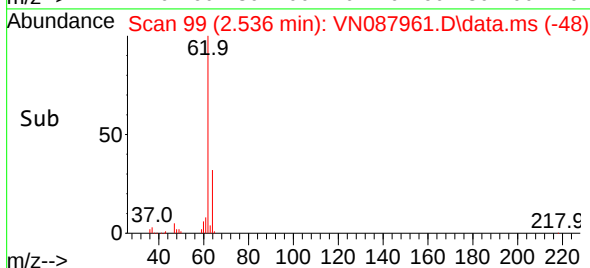
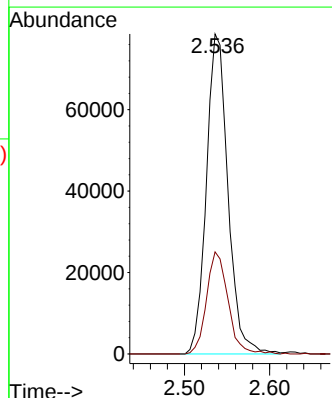
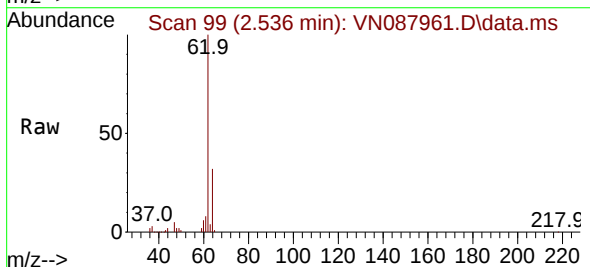
Instrument :
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ClientSampleId :
VSTDCCC050

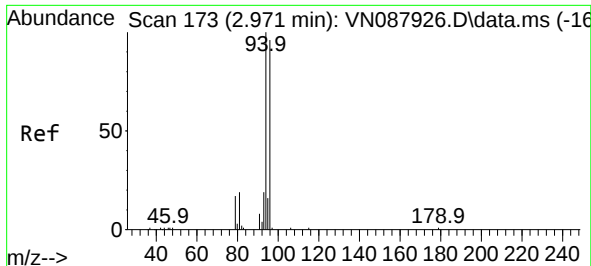
Tgt Ion: 50 Resp: 132134
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 54.945 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 62 Resp: 138137
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8

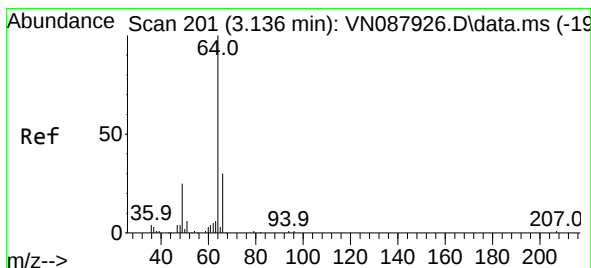
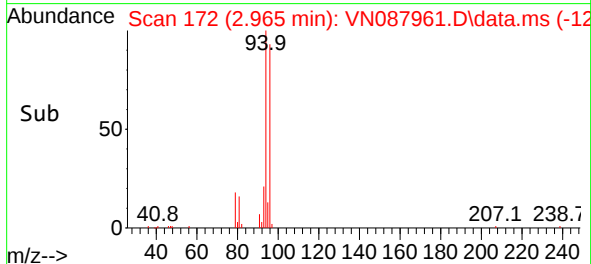
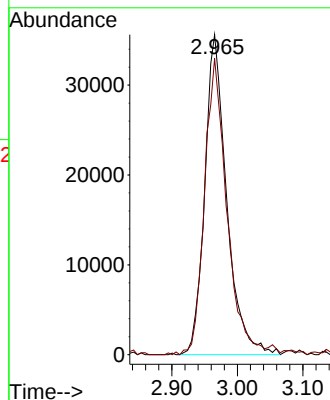
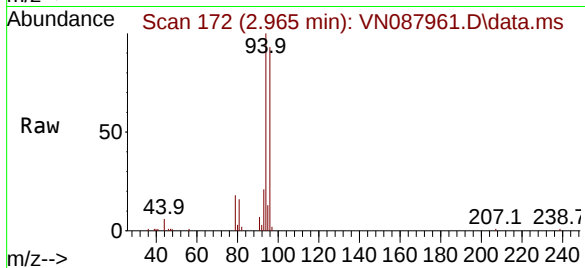




#5
Bromomethane
Concen: 53.178 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

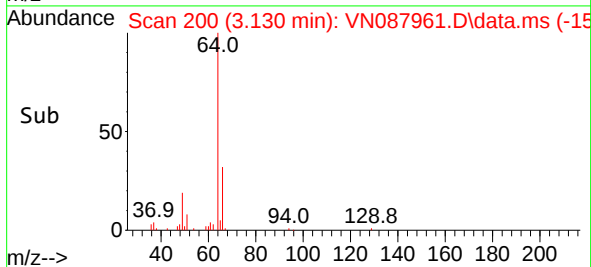
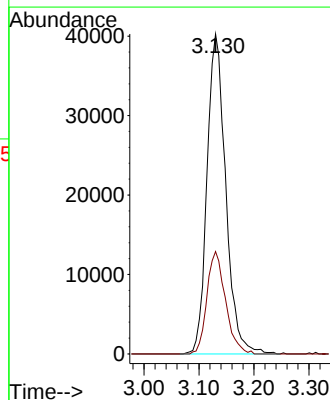
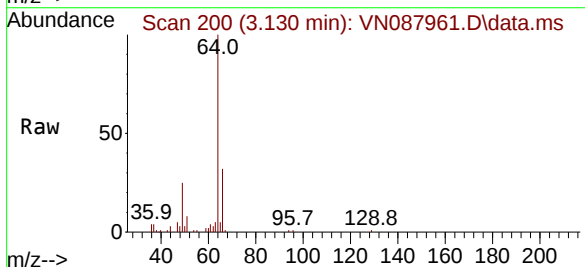
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 82884
Ion Ratio Lower Upper
94 100
96 92.6 76.8 115.2



#6
Chloroethane
Concen: 58.300 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 64 Resp: 95303
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.8

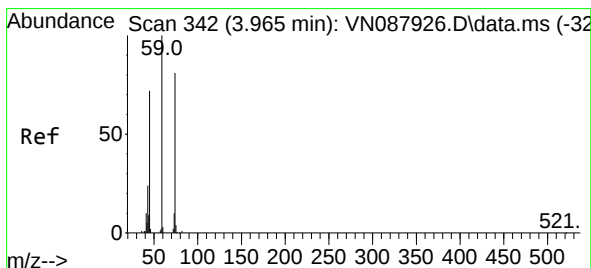
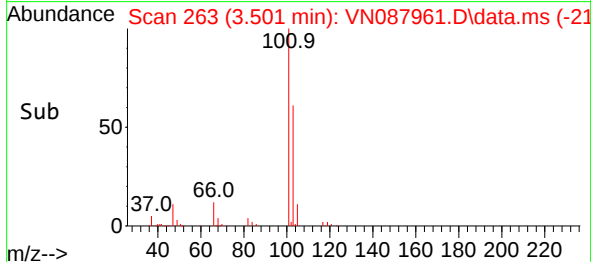
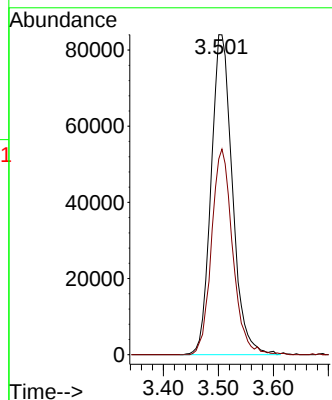
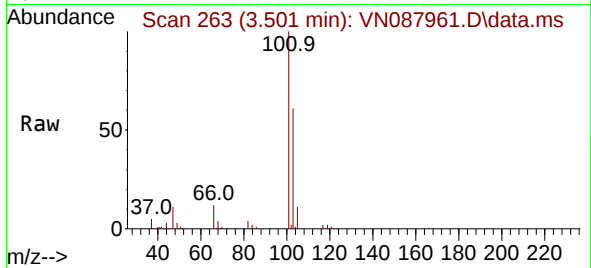




#7
 Trichlorofluoromethane
 Concen: 55.273 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN087961.D
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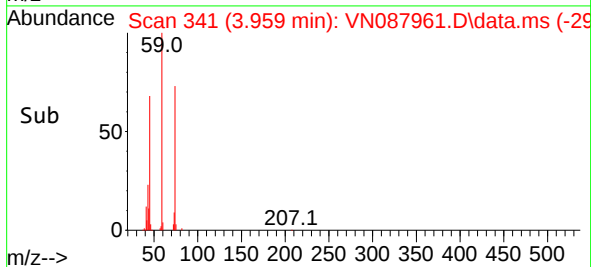
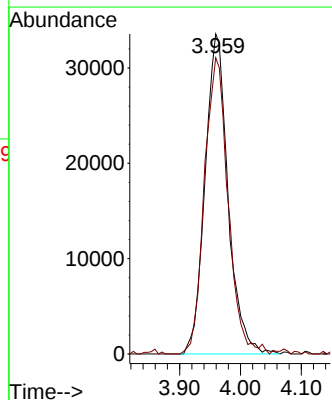
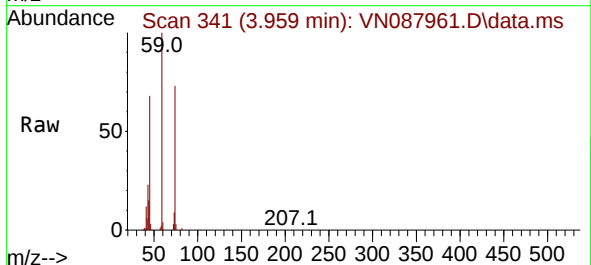
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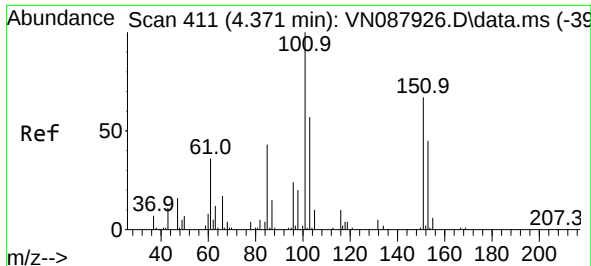
Tgt Ion:101 Resp: 226254
 Ion Ratio Lower Upper
 101 100
 103 61.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 56.949 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087961.D
 Acq: 26 Sep 2025 12:53

Tgt Ion: 74 Resp: 88069
 Ion Ratio Lower Upper
 74 100
 45 95.2 45.4 136.1

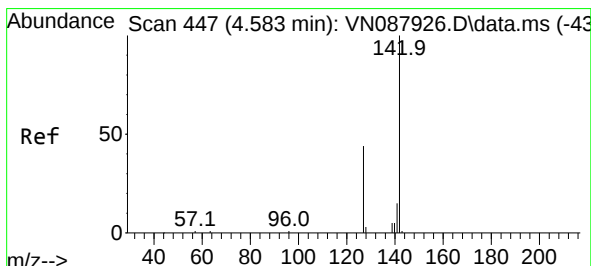
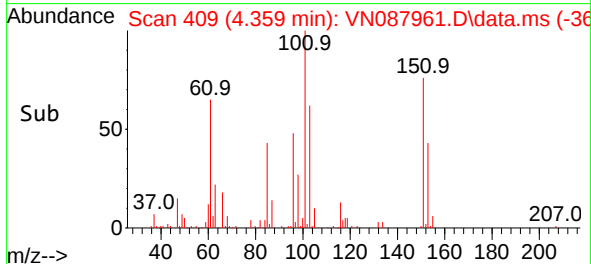
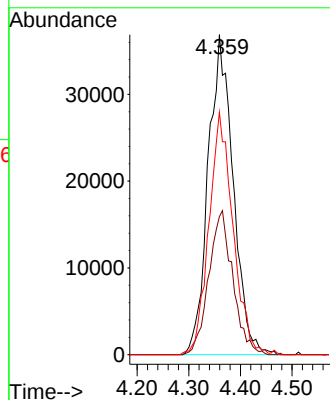
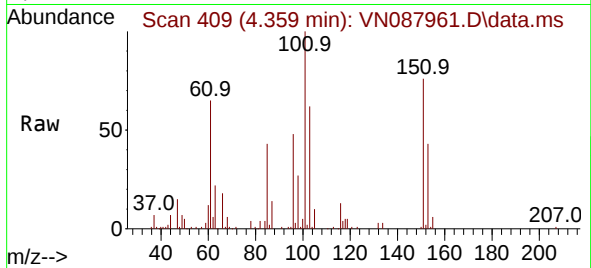




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.172 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087961.D
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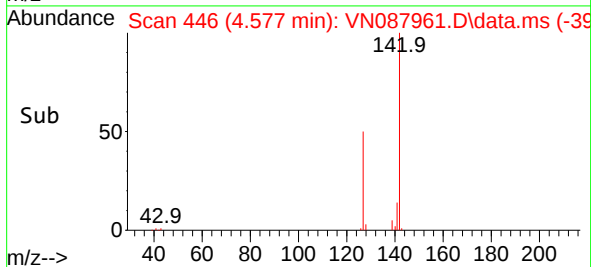
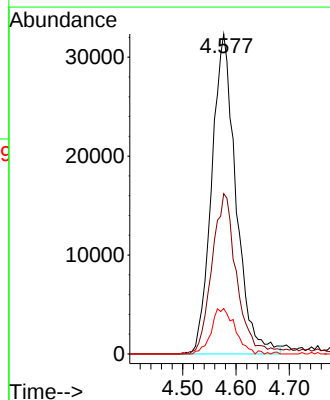
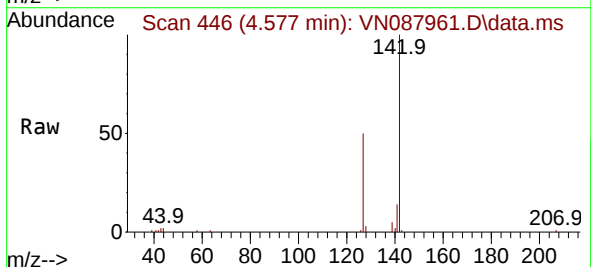
Instrument :
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ClientSampleId :
VSTDCCC050

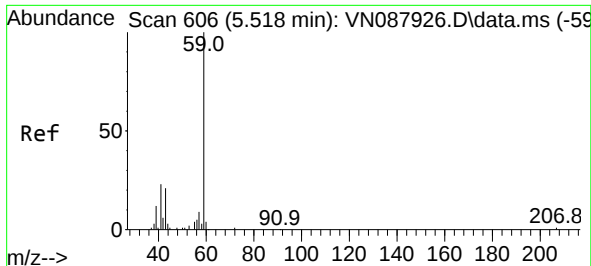
Tgt Ion:101 Resp: 123690
Ion Ratio Lower Upper
101 100
85 43.3 36.5 54.7
151 73.0 58.6 87.8



#10
Methyl Iodide
Concen: 52.654 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:142 Resp: 102525
Ion Ratio Lower Upper
142 100
127 50.1 35.3 52.9
141 14.2 11.8 17.8

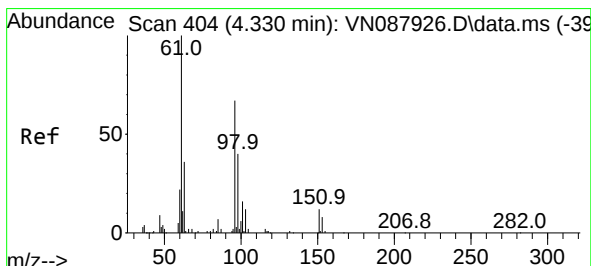
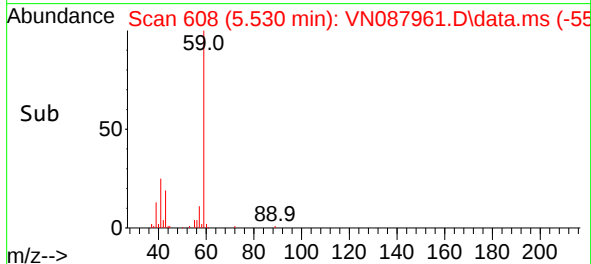
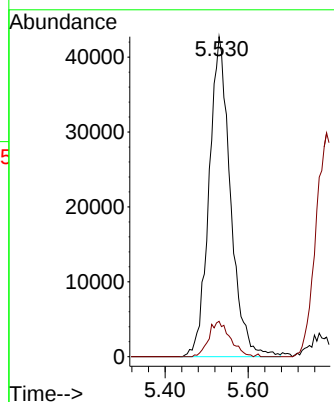
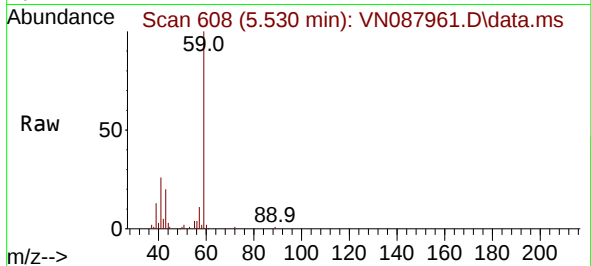




#11
Tert butyl alcohol
Concen: 303.085 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

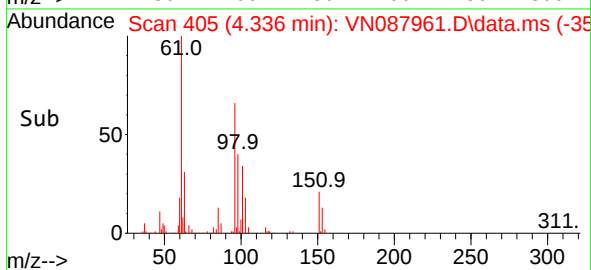
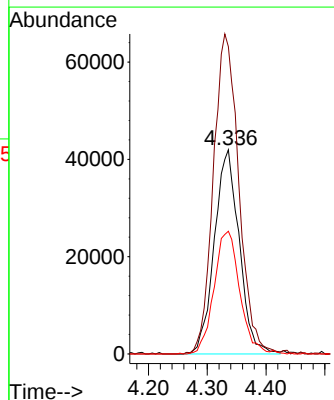
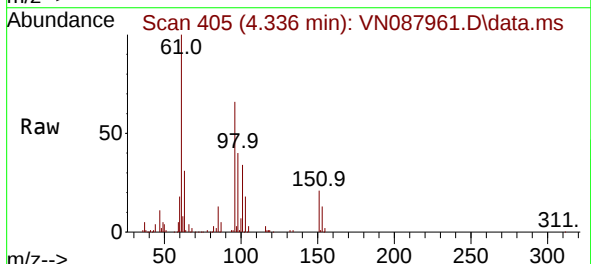
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

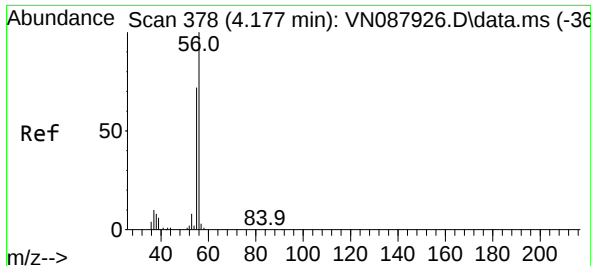
Tgt Ion: 59 Resp: 152680
Ion Ratio Lower Upper
59 100
57 11.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 56.529 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 96 Resp: 123402
Ion Ratio Lower Upper
96 100
61 150.6 119.2 178.8
98 59.7 47.5 71.3





#13

Acrolein

Concen: 285.192 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

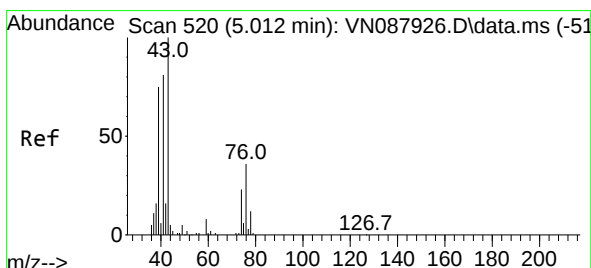
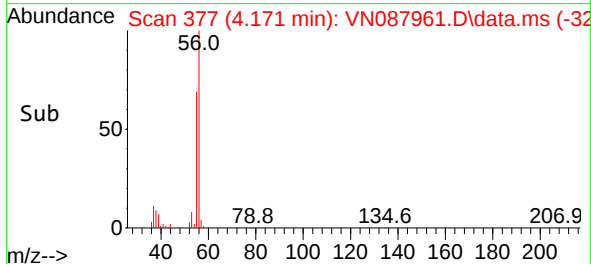
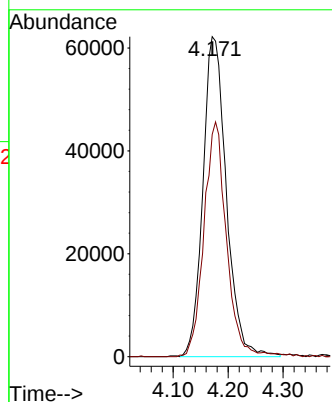
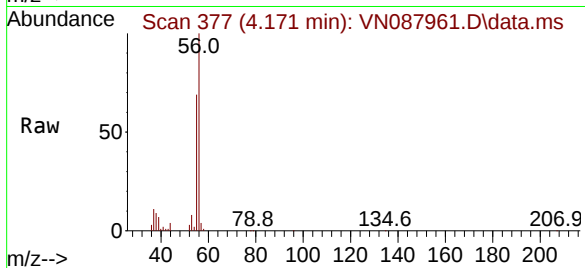
VSTDCCC050

Tgt Ion: 56 Resp: 184339

Ion Ratio Lower Upper

56 100

55 70.5 59.3 88.9



#14

Allyl chloride

Concen: 53.545 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

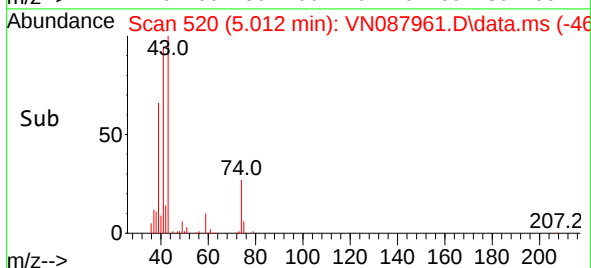
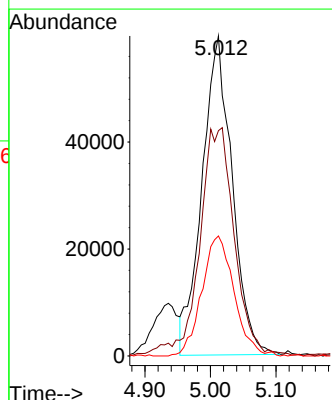
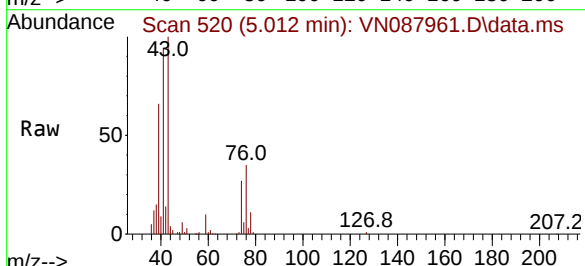
Tgt Ion: 41 Resp: 190296

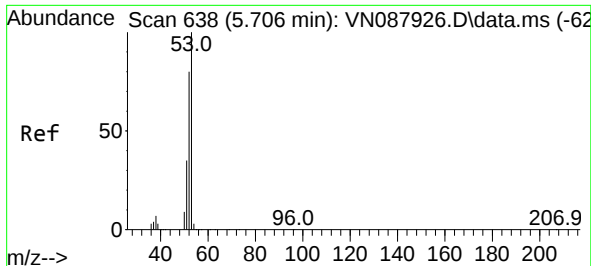
Ion Ratio Lower Upper

41 100

39 83.1 63.8 95.8

76 40.3 33.0 49.6

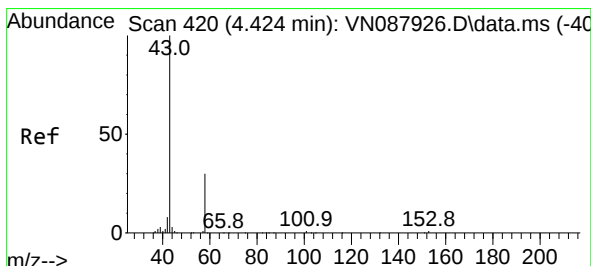
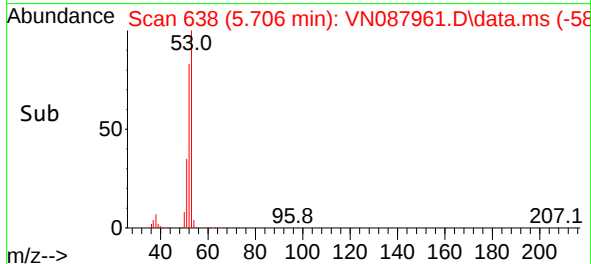
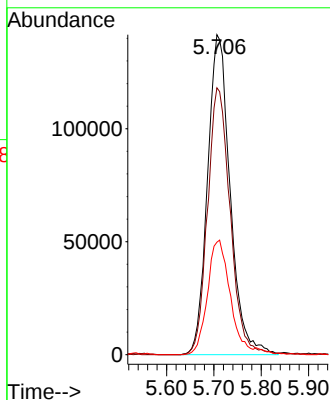
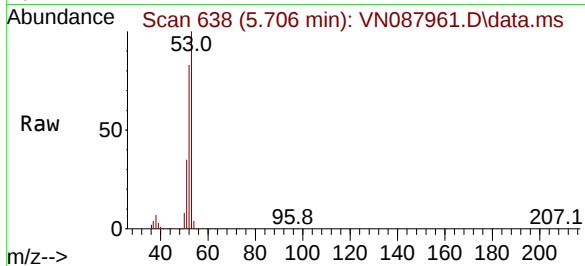




#15
Acrylonitrile
Concen: 297.396 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

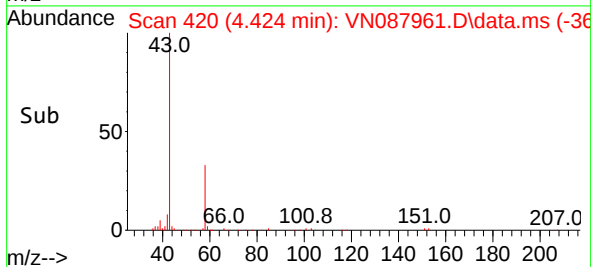
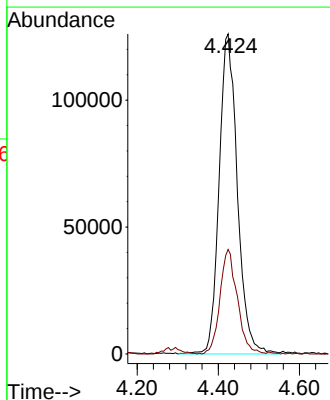
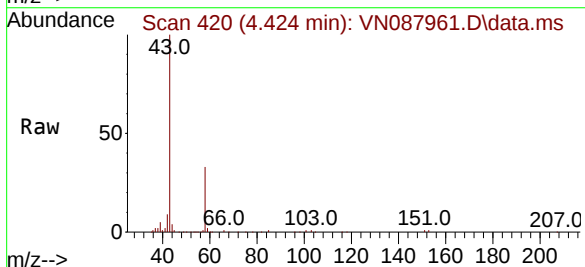
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 469931
Ion Ratio Lower Upper
53 100
52 83.5 66.6 99.8
51 35.7 29.0 43.4



#16
Acetone
Concen: 273.835 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 43 Resp: 394050
Ion Ratio Lower Upper
43 100
58 32.5 24.1 36.1

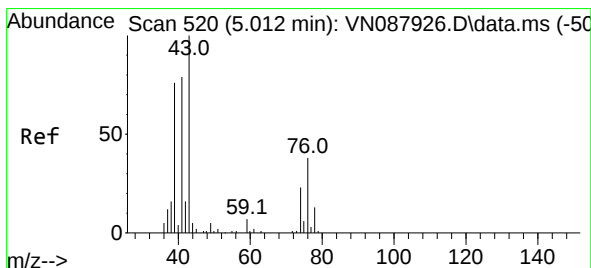
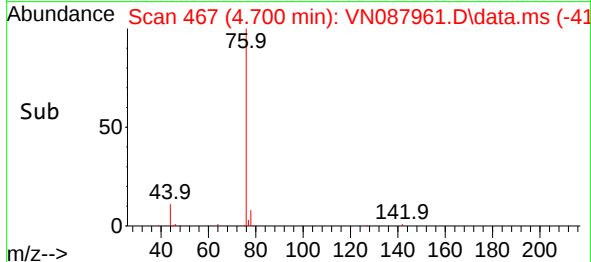
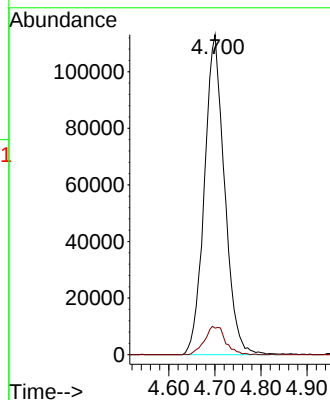
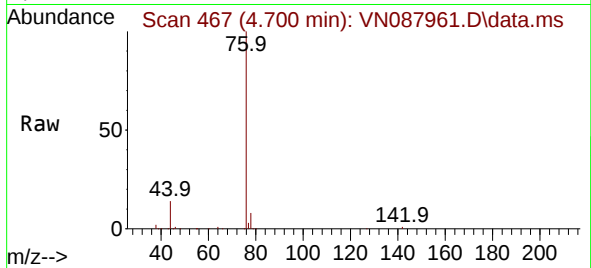




#17
Carbon Disulfide
Concen: 50.471 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

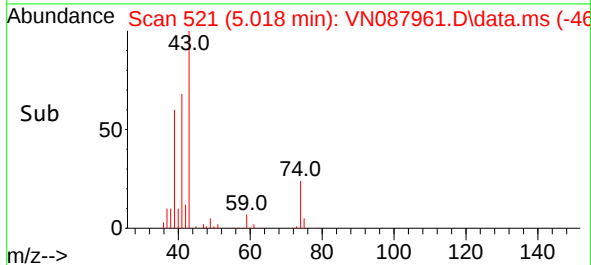
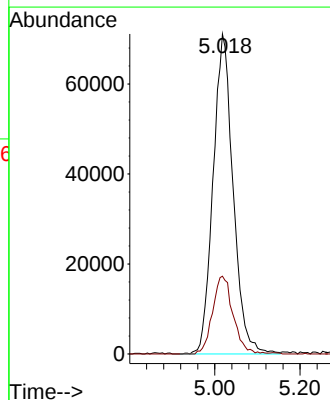
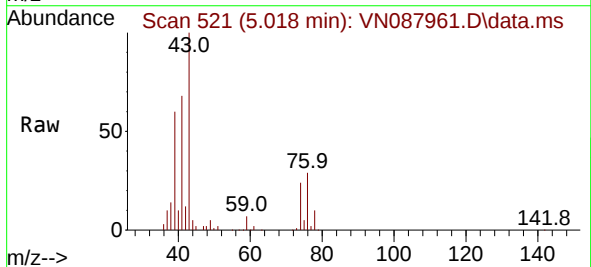
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

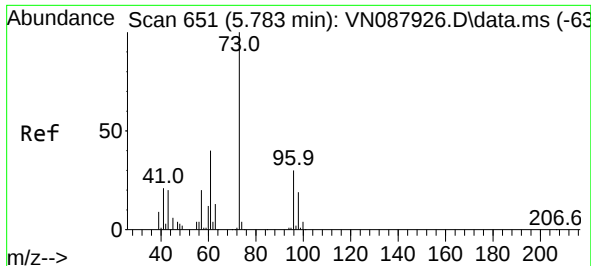
Tgt Ion: 76 Resp: 344242
Ion Ratio Lower Upper
76 100
78 8.3 6.7 10.1



#18
Methyl Acetate
Concen: 64.557 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 43 Resp: 232489
Ion Ratio Lower Upper
43 100
74 24.8 19.7 29.5

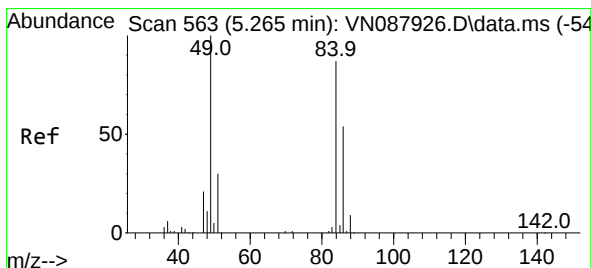
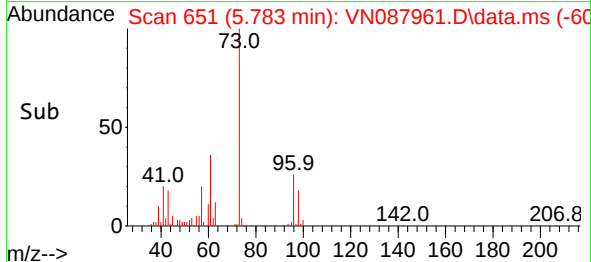
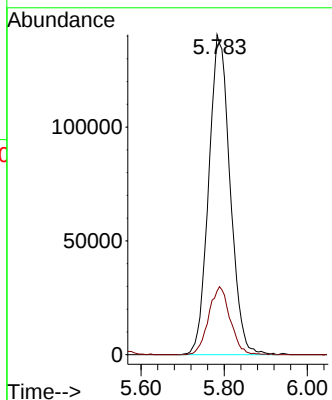
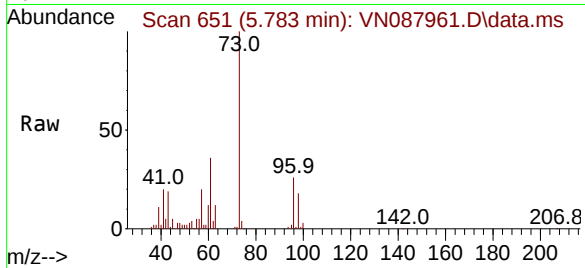




#19
Methyl tert-butyl Ether
Concen: 58.804 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

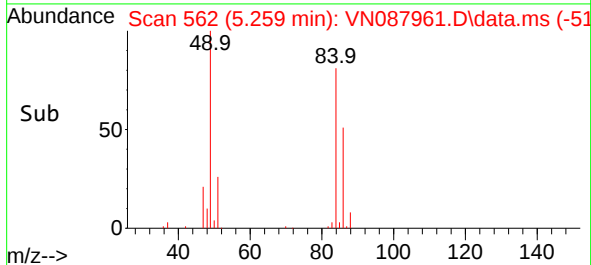
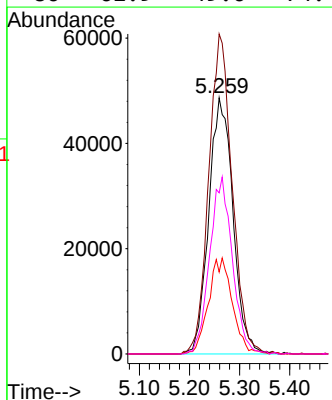
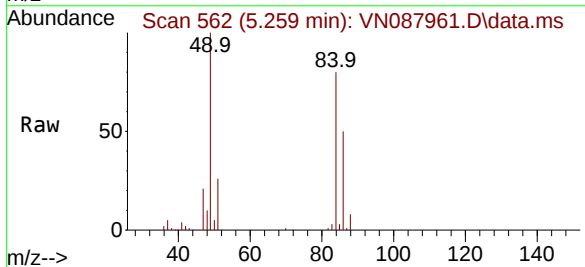
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

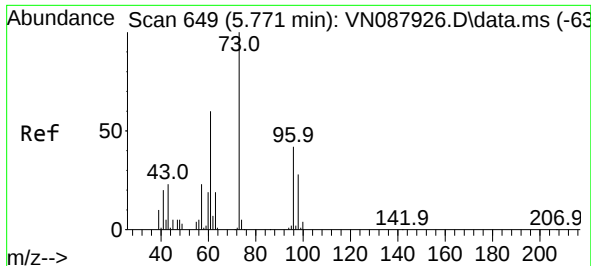
Tgt Ion: 73 Resp: 501451
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5



#20
Methylene Chloride
Concen: 56.073 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 84 Resp: 163324
Ion Ratio Lower Upper
84 100
49 124.9 92.1 138.1
51 32.0 27.7 41.5
86 62.9 49.6 74.4

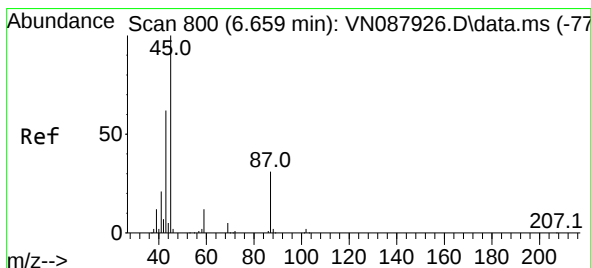
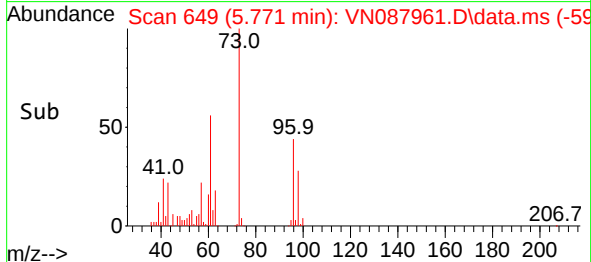
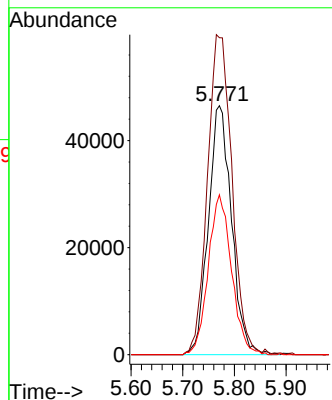
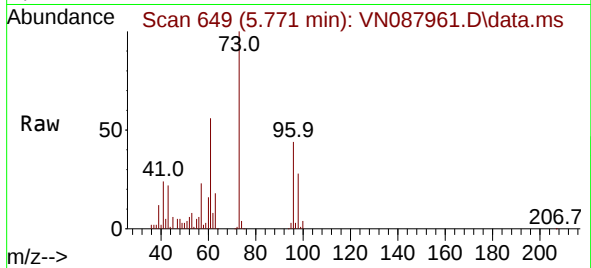




#21
trans-1,2-Dichloroethene
Concen: 54.108 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

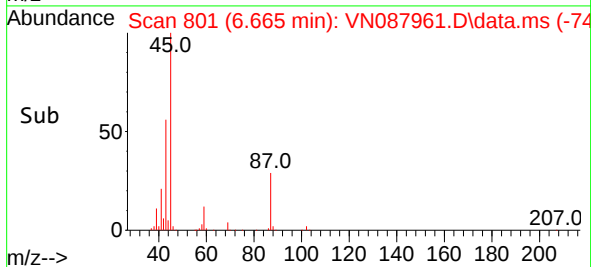
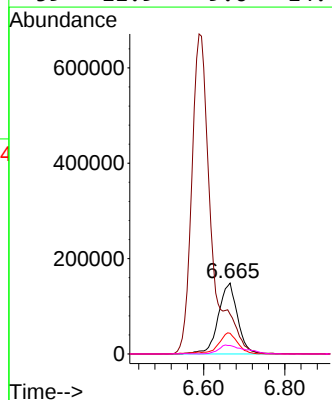
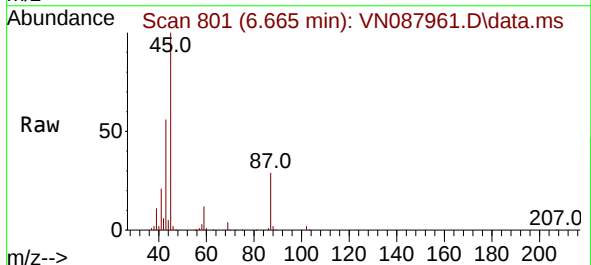
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 144799
Ion Ratio Lower Upper
96 100
61 127.3 114.4 171.6
98 64.2 53.6 80.4



#22
Diisopropyl ether
Concen: 59.099 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 45 Resp: 490307
Ion Ratio Lower Upper
45 100
43 55.3 49.9 74.9
87 29.2 25.2 37.8
59 11.9 9.6 14.4

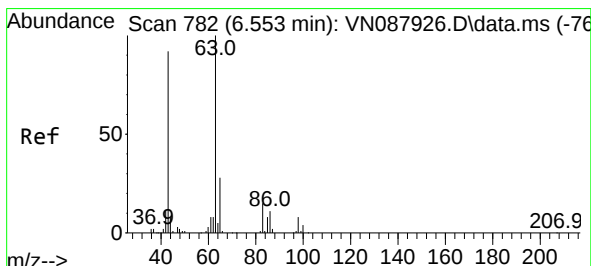
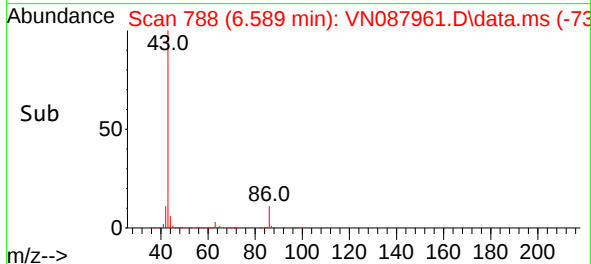
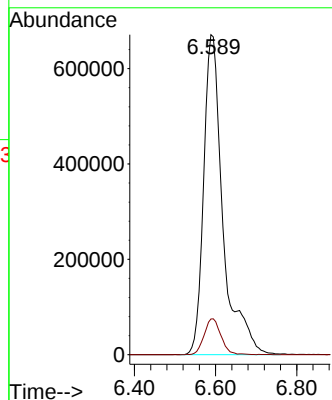
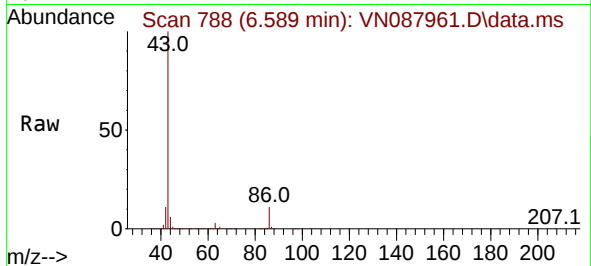




#23
 Vinyl Acetate
 Concen: 316.734 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087961.D
 Acq: 26 Sep 2025 12:53

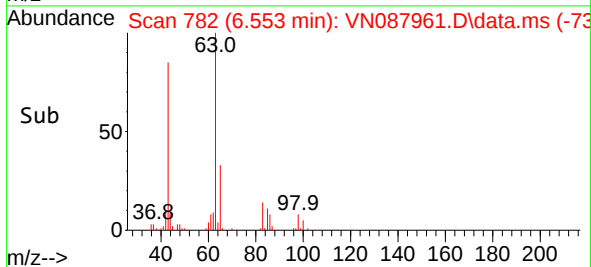
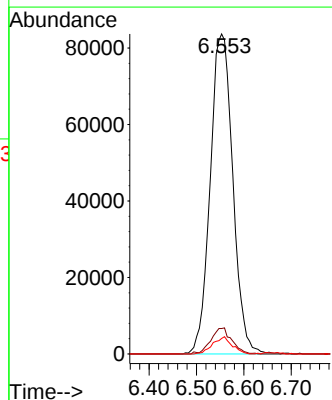
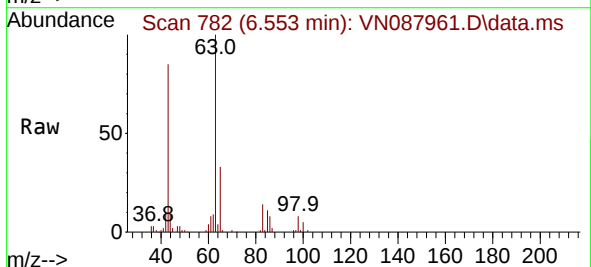
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2212550
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 57.264 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087961.D
 Acq: 26 Sep 2025 12:53

Tgt Ion: 63 Resp: 277560
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.5
 100 4.9 2.1 6.5

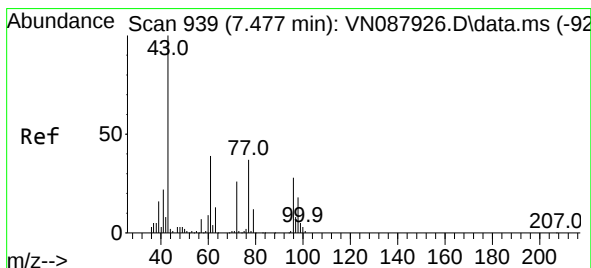
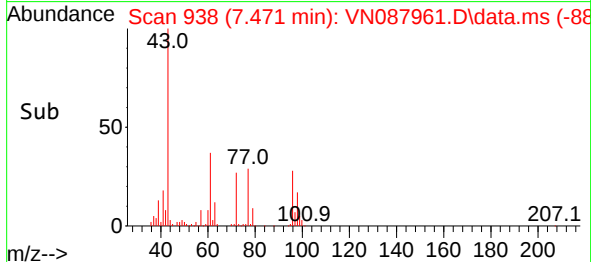
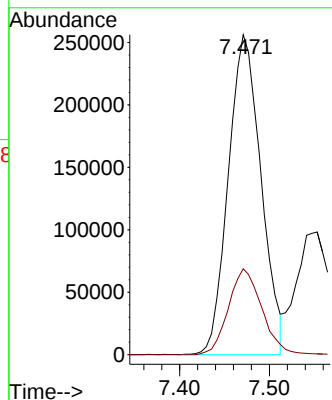
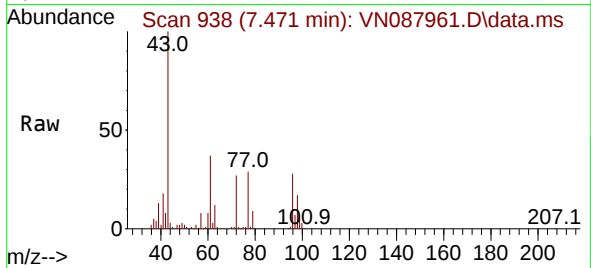




#25
2-Butanone
Concen: 295.096 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

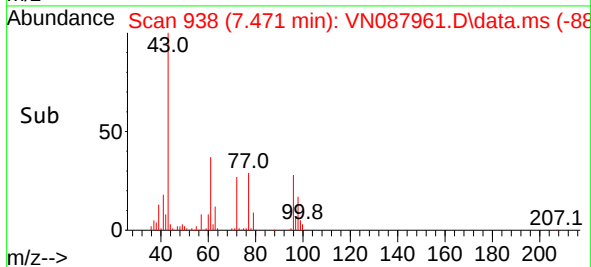
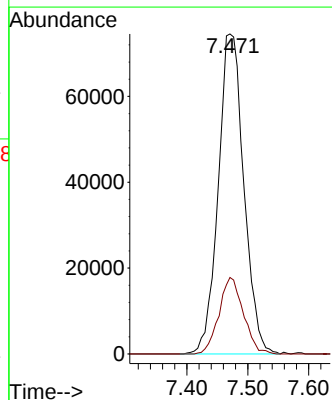
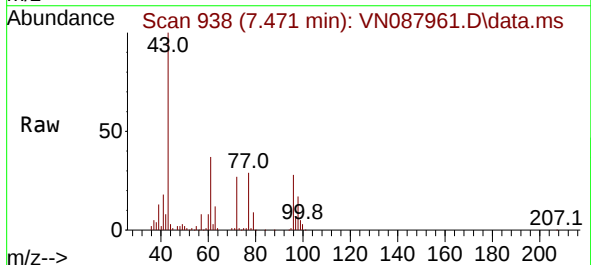
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 649052
Ion Ratio Lower Upper
43 100
72 26.9 21.5 32.3



#26
2,2-Dichloropropane
Concen: 50.496 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 77 Resp: 217458
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5

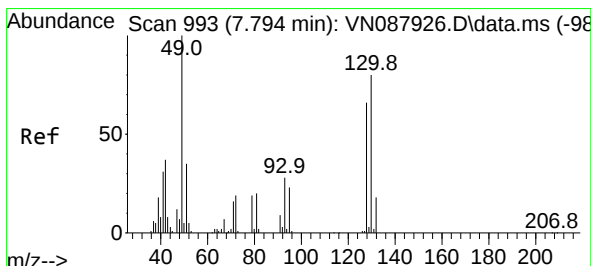
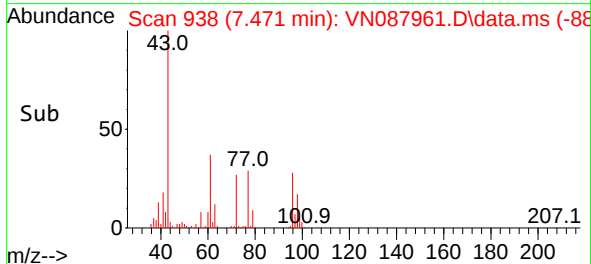
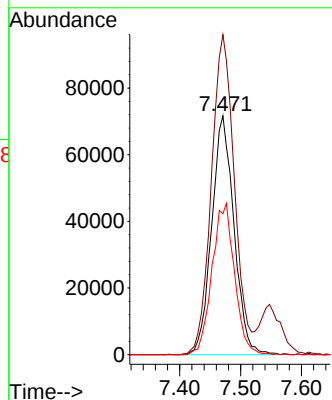
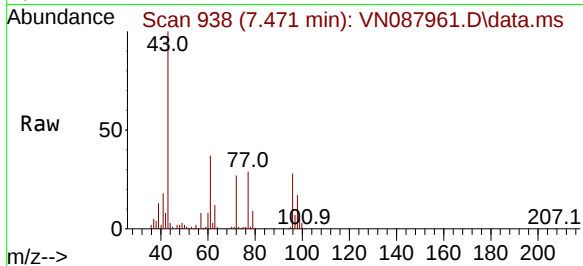




#27
 cis-1,2-Dichloroethene
 Concen: 57.312 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087961.D
 Acq: 26 Sep 2025 12:53

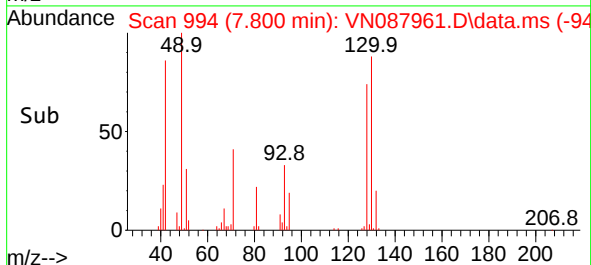
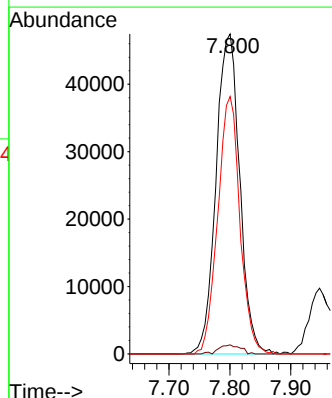
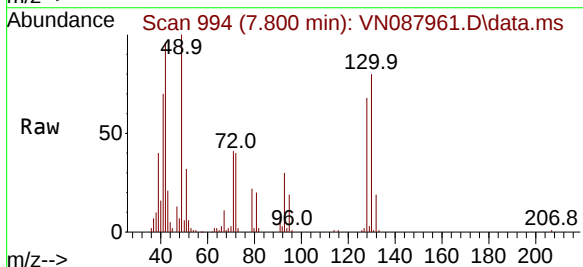
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

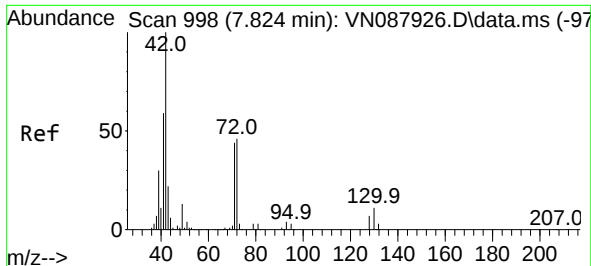
Tgt Ion: 96 Resp: 182492
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 283.0
 98 63.9 0.0 127.6



#28
 Bromochloromethane
 Concen: 48.699 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087961.D
 Acq: 26 Sep 2025 12:53

Tgt Ion: 49 Resp: 128247
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.4
 130 75.2 62.6 94.0





#29

Tetrahydrofuran

Concen: 314.149 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

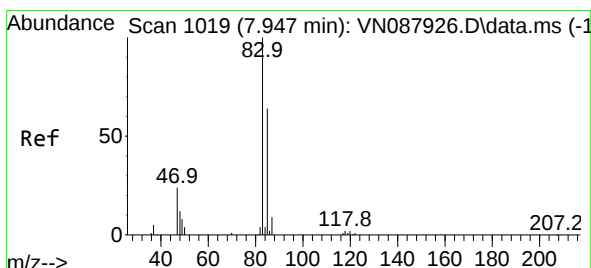
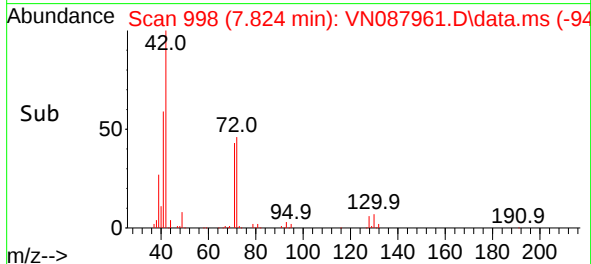
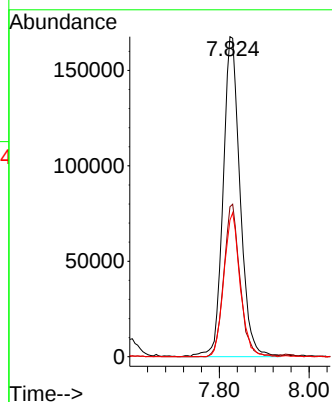
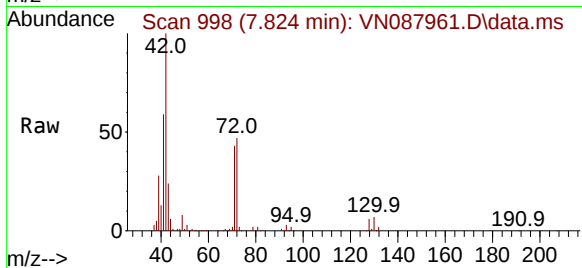
Tgt Ion: 42 Resp: 442430

Ion Ratio Lower Upper

42 100

72 45.1 36.5 54.7

71 43.2 33.8 50.8



#30

Chloroform

Concen: 58.265 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087961.D

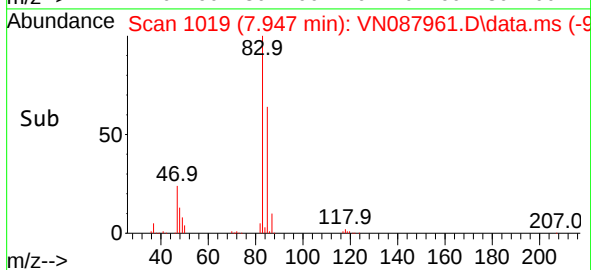
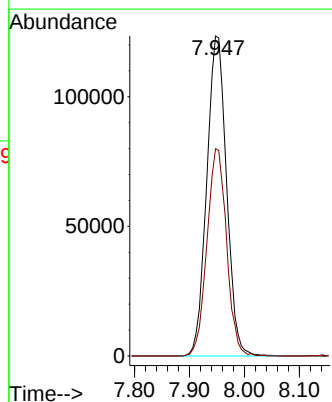
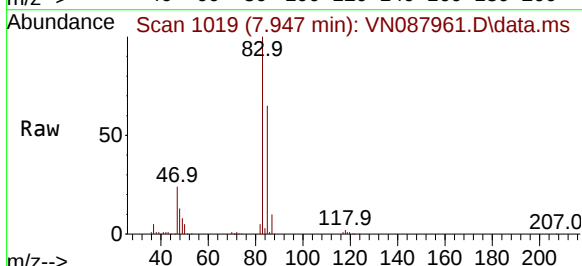
Acq: 26 Sep 2025 12:53

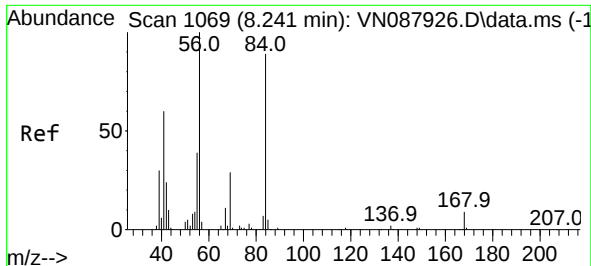
Tgt Ion: 83 Resp: 308791

Ion Ratio Lower Upper

83 100

85 64.8 50.9 76.3

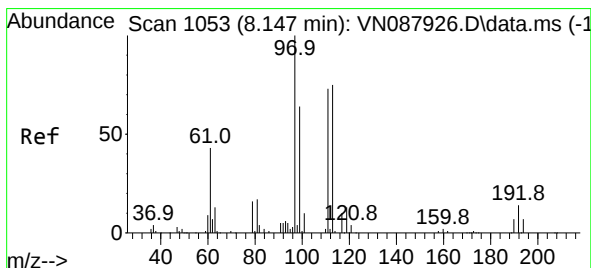
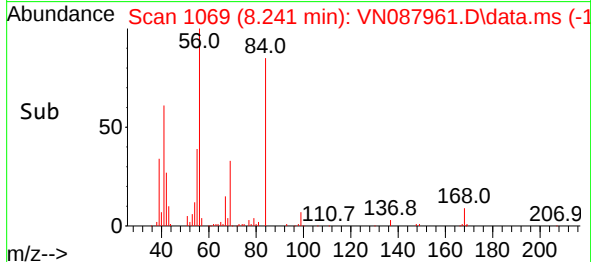
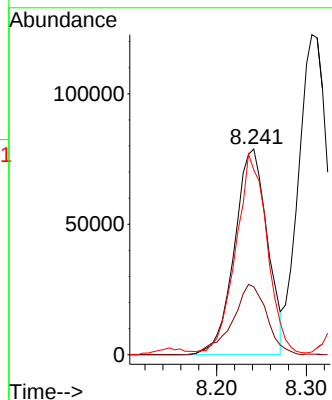
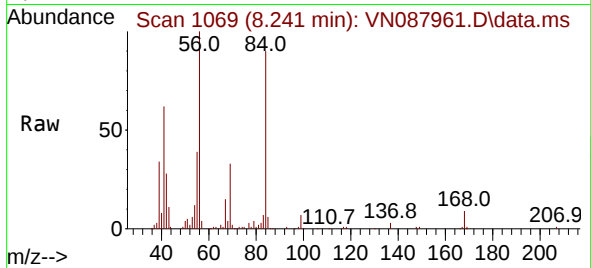




#31
Cyclohexane
Concen: 51.154 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

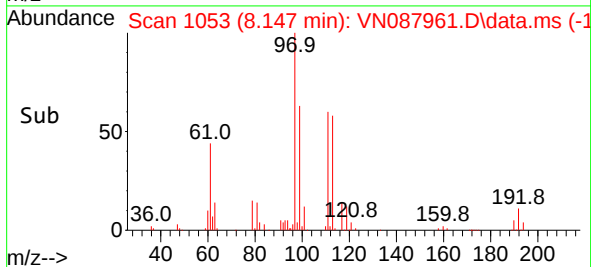
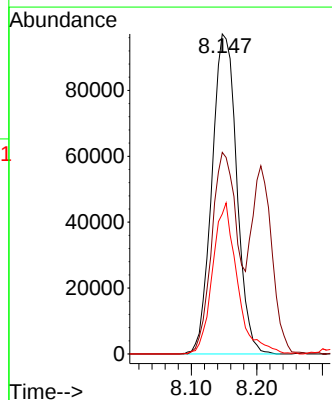
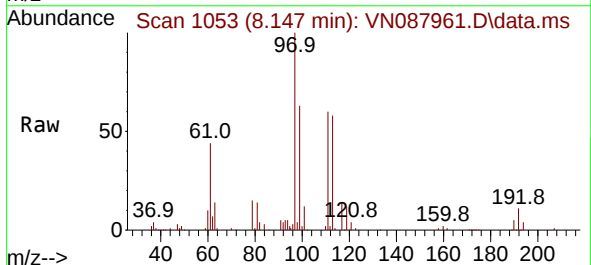
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

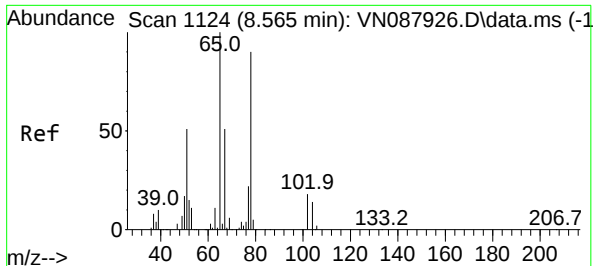
Tgt Ion: 56 Resp: 200621
Ion Ratio Lower Upper
56 100
69 33.0 23.4 35.0
84 87.0 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 56.908 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 97 Resp: 254845
Ion Ratio Lower Upper
97 100
99 66.0 51.1 76.7
61 47.2 38.6 58.0

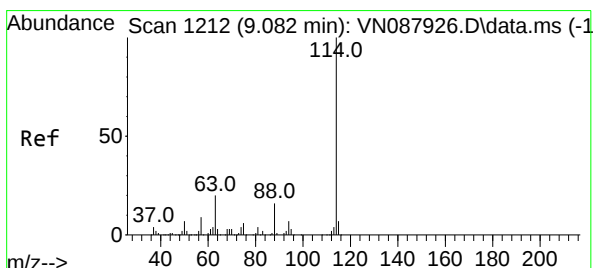
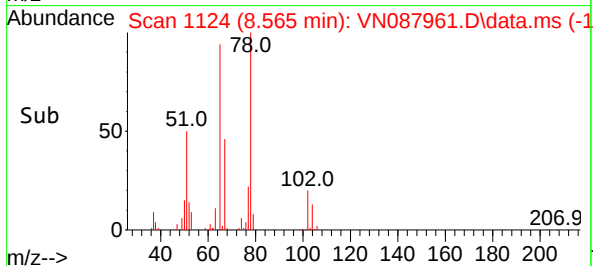
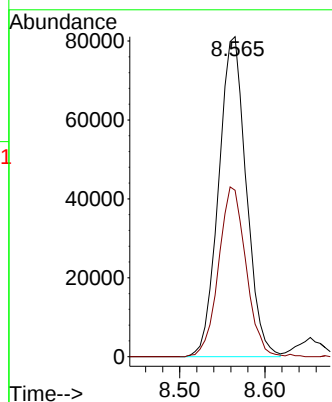
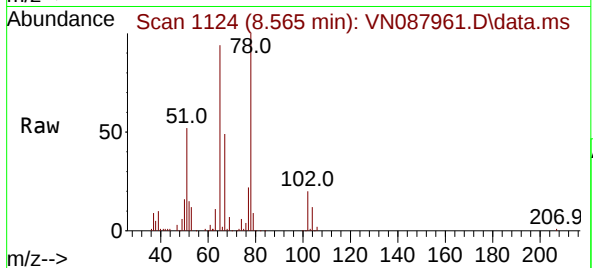




#33
1,2-Dichloroethane-d4
Concen: 52.146 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

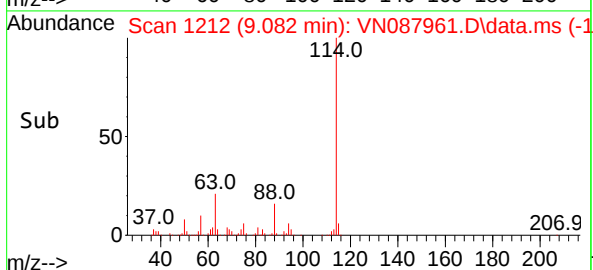
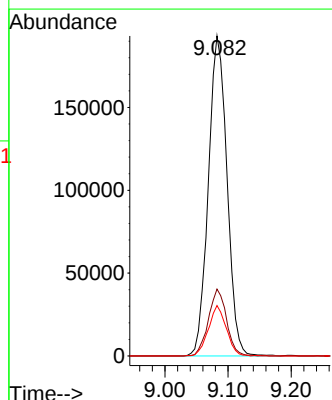
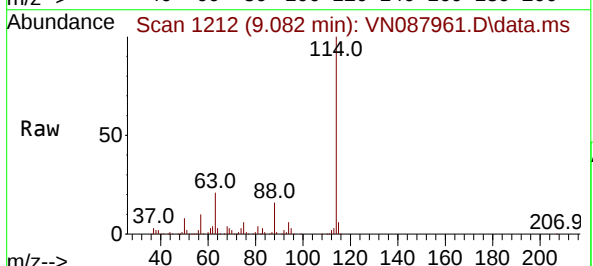
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 182377
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 114 Resp: 397459
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.119 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

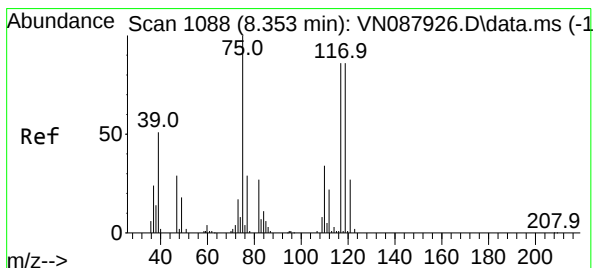
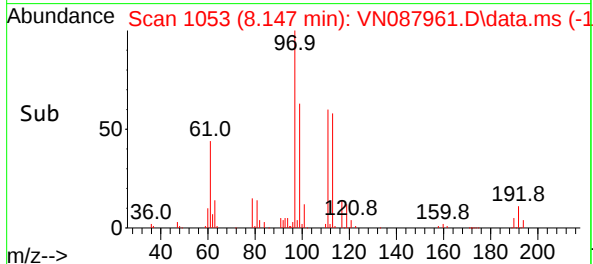
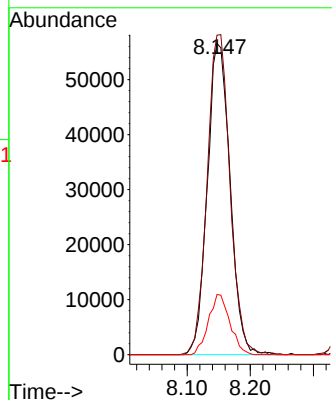
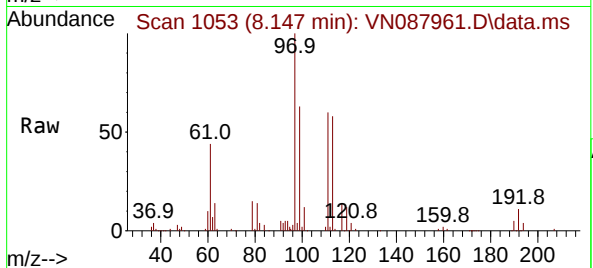
Tgt Ion:113 Resp: 141745

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 18.1 14.2 21.2



#36

1,1-Dichloropropene

Concen: 54.142 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

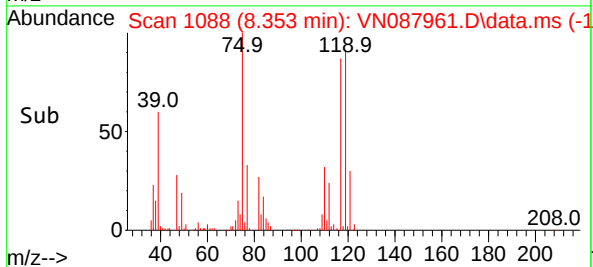
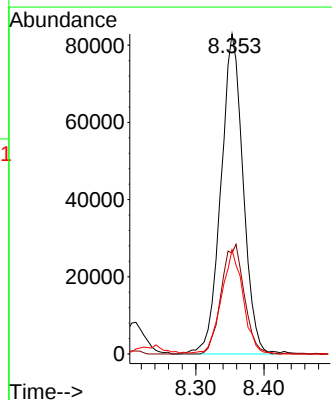
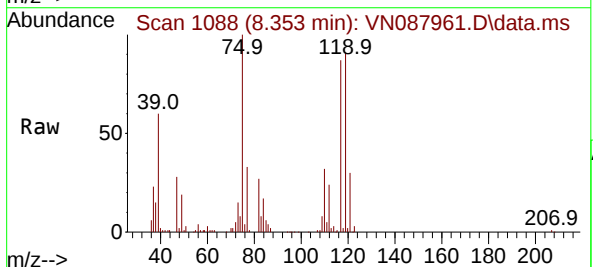
Tgt Ion: 75 Resp: 187870

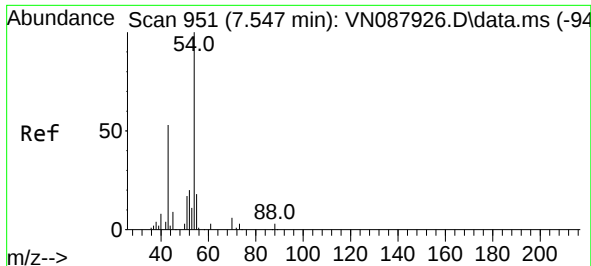
Ion Ratio Lower Upper

75 100

110 35.5 17.1 51.3

77 32.0 24.8 37.2

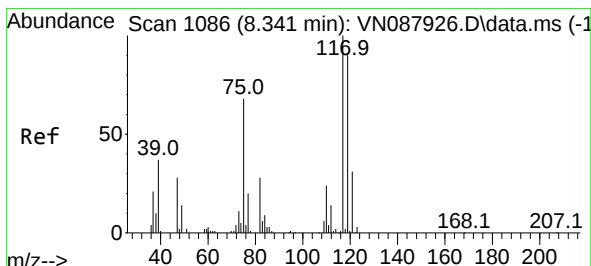
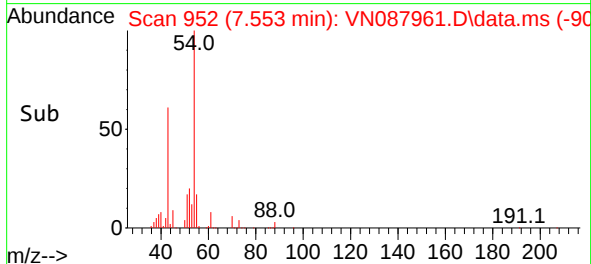
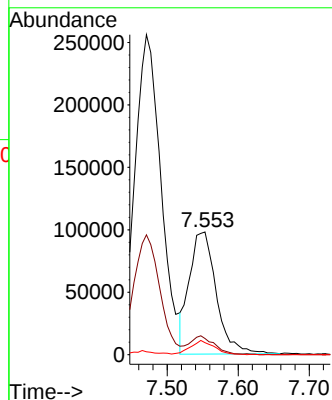
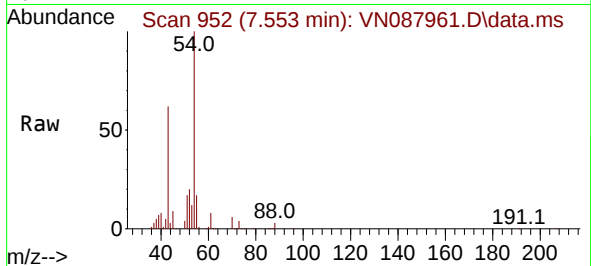




#37
Ethyl Acetate
Concen: 56.993 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

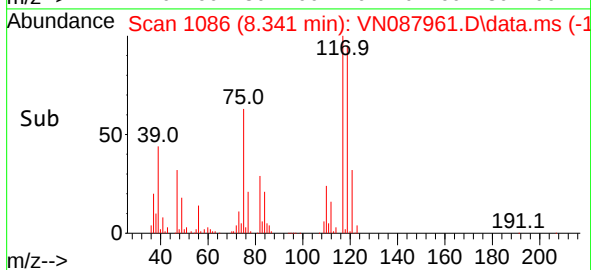
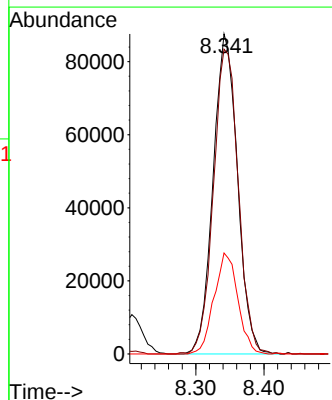
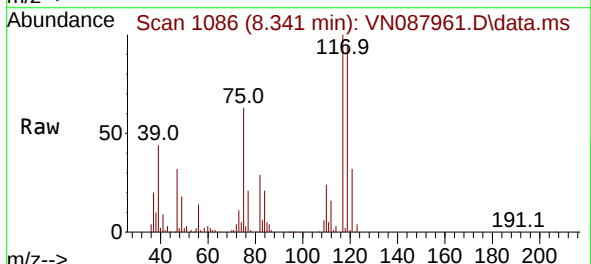
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 259696
Ion Ratio Lower Upper
43 100
61 12.8 10.7 16.1
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 54.691 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 117 Resp: 217769
Ion Ratio Lower Upper
117 100
119 95.2 72.1 108.1
121 31.6 24.6 36.8





#39

Methylcyclohexane

Concen: 53.504 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

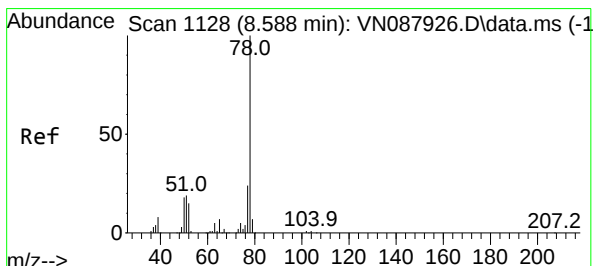
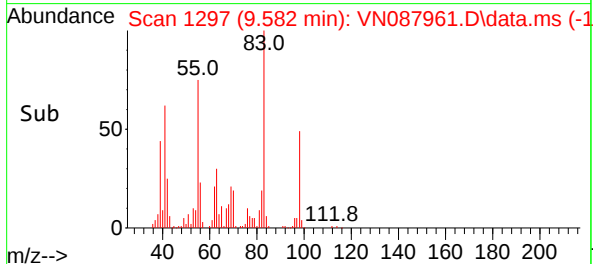
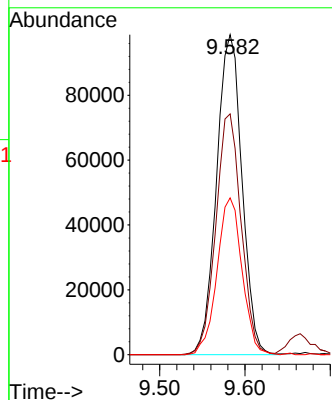
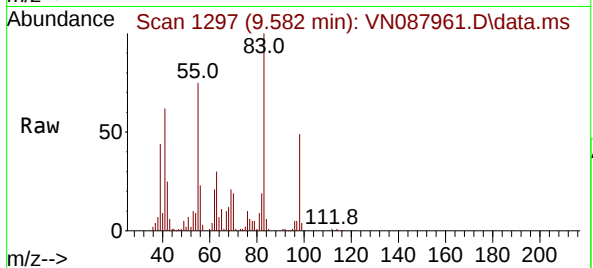
Tgt Ion: 83 Resp: 204808

Ion Ratio Lower Upper

83 100

55 75.3 59.9 89.9

98 49.0 37.4 56.2



#40

Benzene

Concen: 55.869 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087961.D

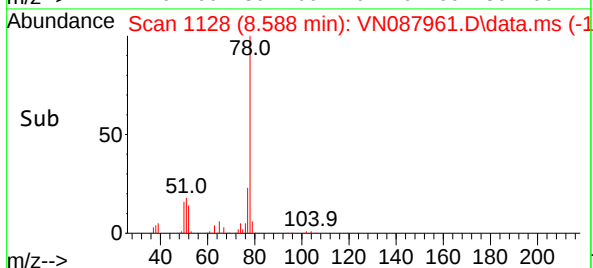
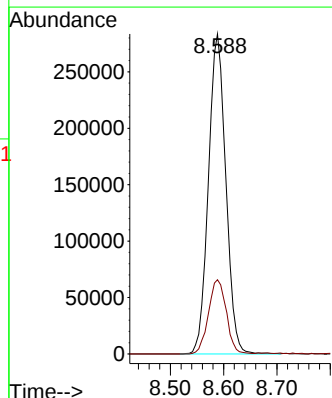
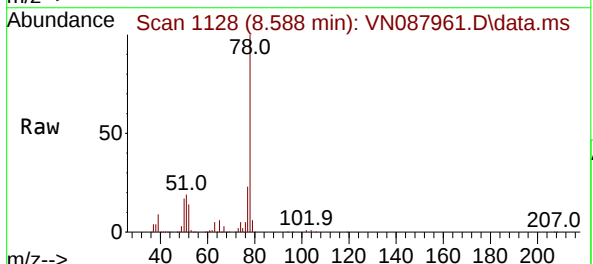
Acq: 26 Sep 2025 12:53

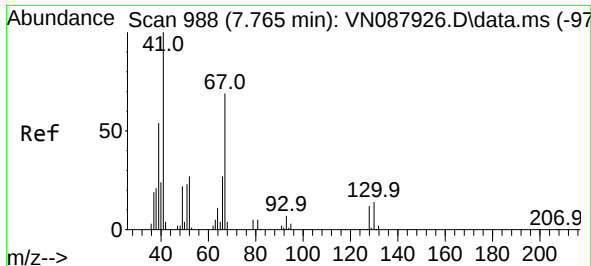
Tgt Ion: 78 Resp: 641892

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

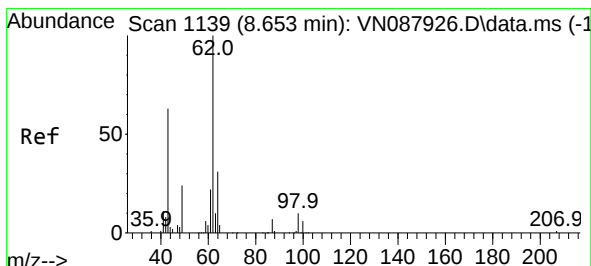
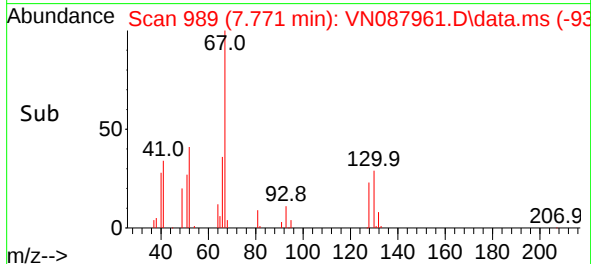
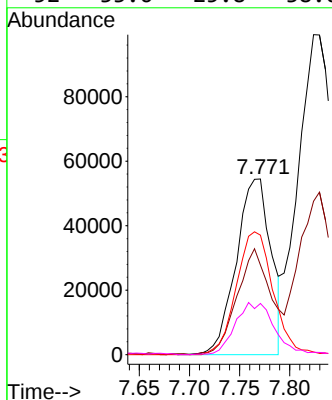
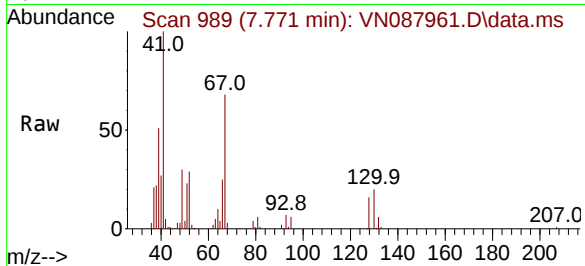




#41
Methacrylonitrile
Concen: 55.822 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

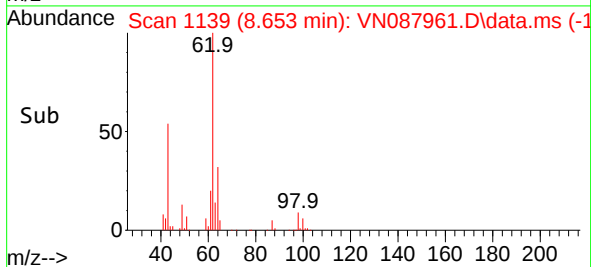
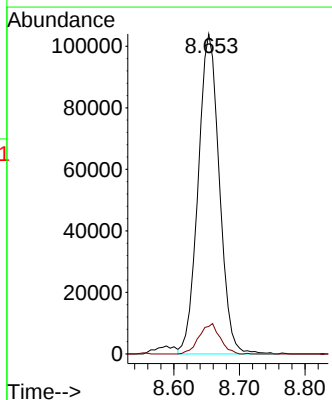
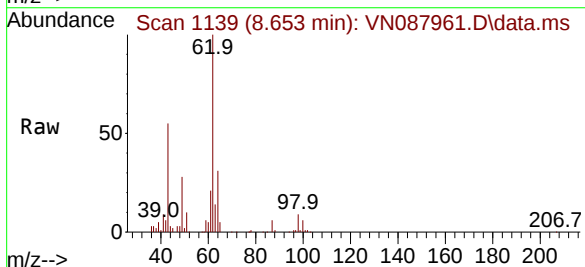
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

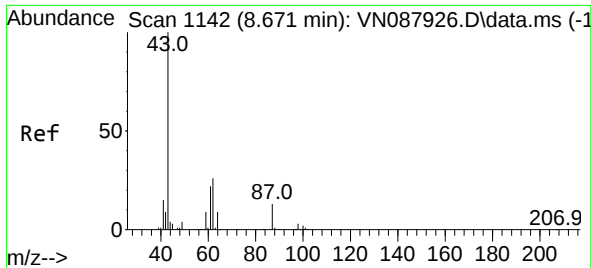
Tgt Ion:	41	Resp:	131453
Ion	Ratio	Lower	Upper
41	100		
39	59.8	43.5	65.3
67	74.1	57.6	86.4
52	33.6	25.8	38.6



#42
1,2-Dichloroethane
Concen: 54.599 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:	62	Resp:	234098
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6

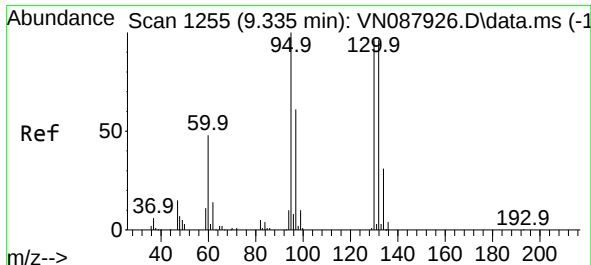
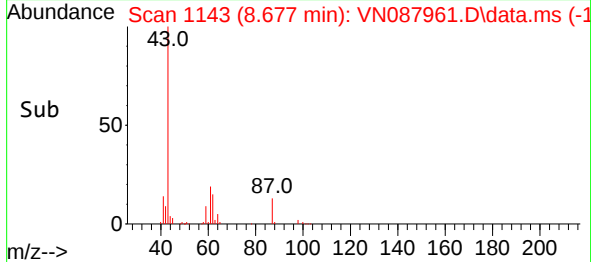
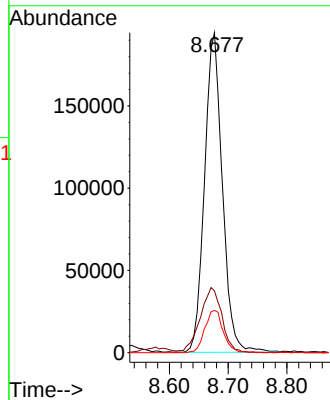
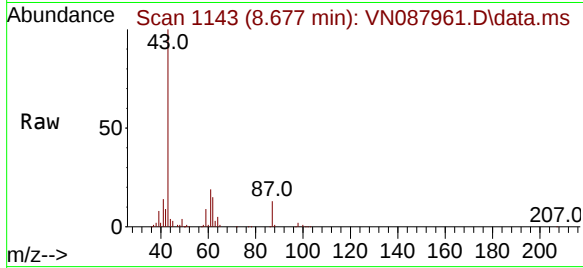




#43
Isopropyl Acetate
Concen: 57.170 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

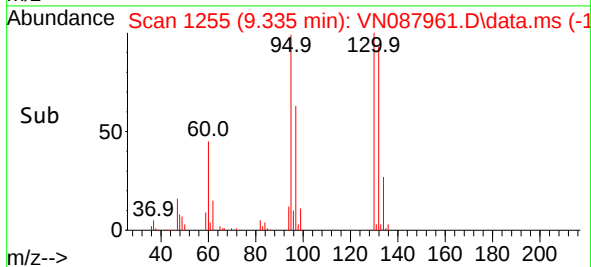
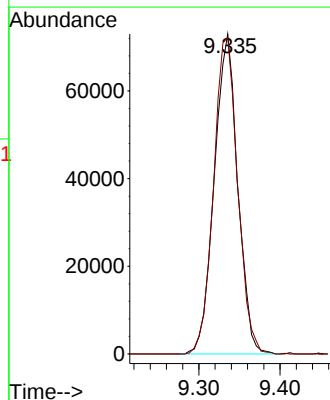
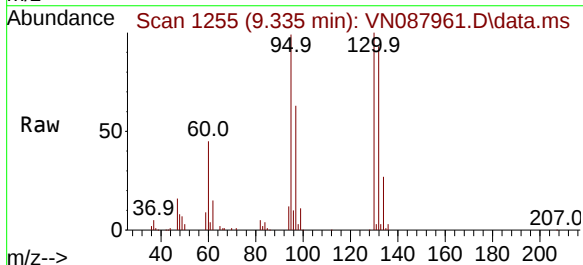
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

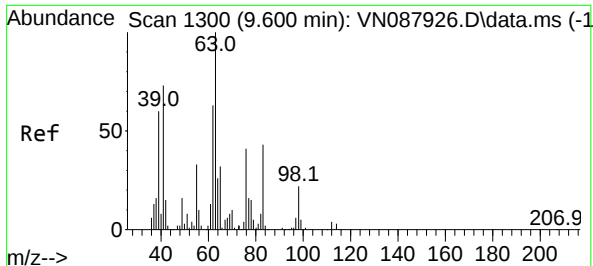
Tgt Ion: 43 Resp: 410048
Ion Ratio Lower Upper
43 100
61 24.9 20.2 30.2
87 13.7 10.9 16.3



#44
Trichloroethene
Concen: 53.328 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:130 Resp: 146352
Ion Ratio Lower Upper
130 100
95 99.0 0.0 208.0





#45

1,2-Dichloropropane

Concen: 56.414 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

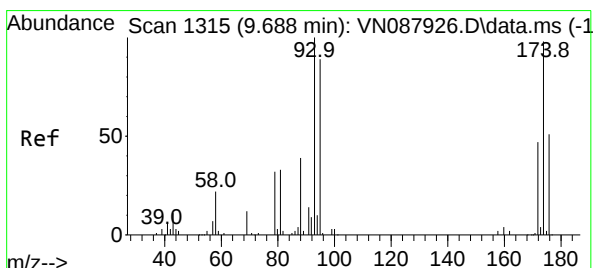
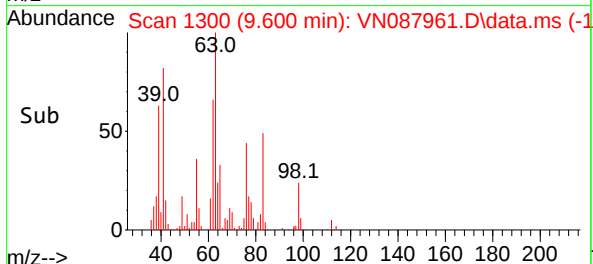
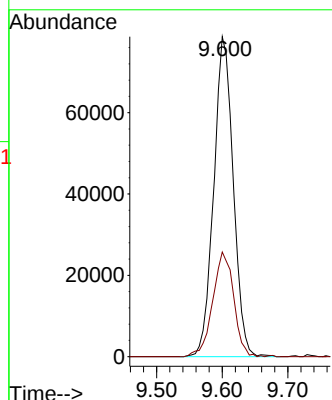
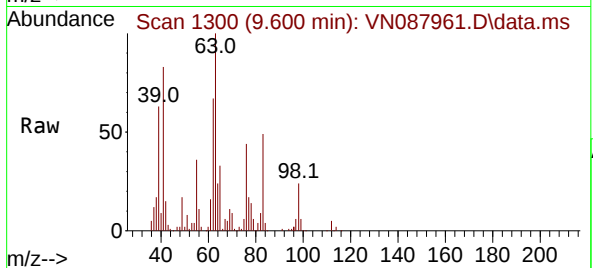
VSTDCCC050

Tgt Ion: 63 Resp: 162526

Ion Ratio Lower Upper

63 100

65 32.7 25.4 38.0



#46

Dibromomethane

Concen: 56.091 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

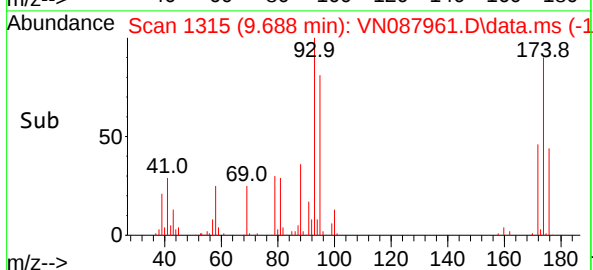
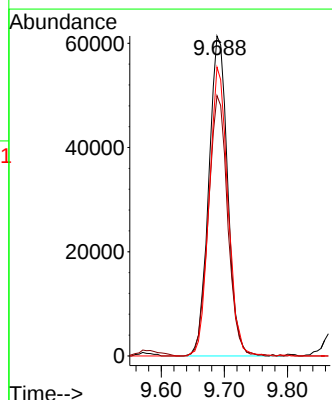
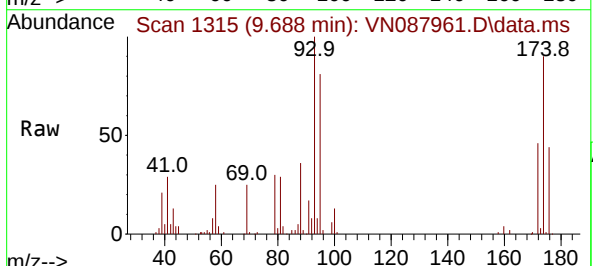
Tgt Ion: 93 Resp: 127511

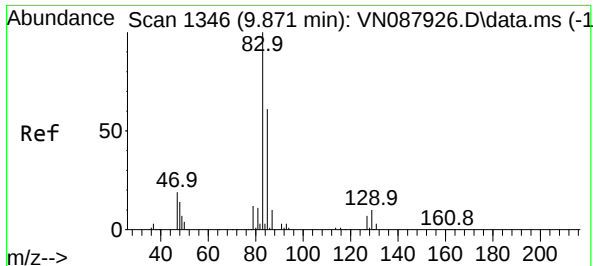
Ion Ratio Lower Upper

93 100

95 83.2 67.6 101.4

174 89.4 75.4 113.0

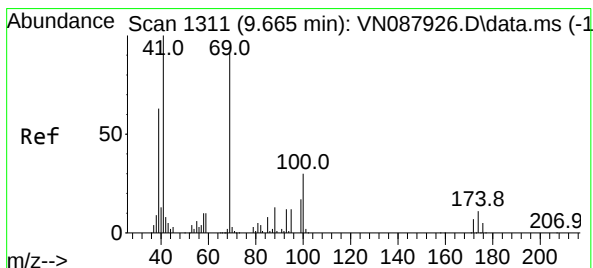
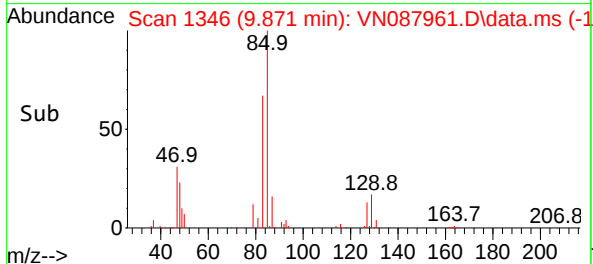
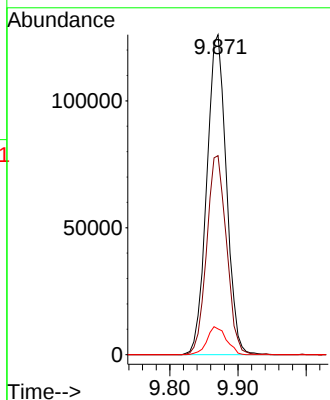
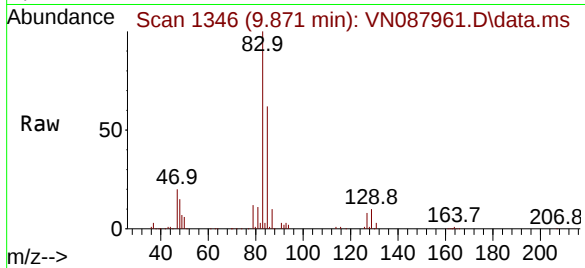




#47
Bromodichloromethane
Concen: 56.552 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

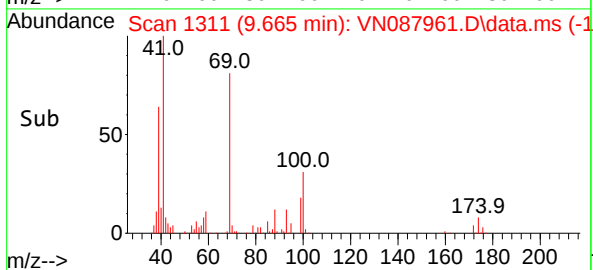
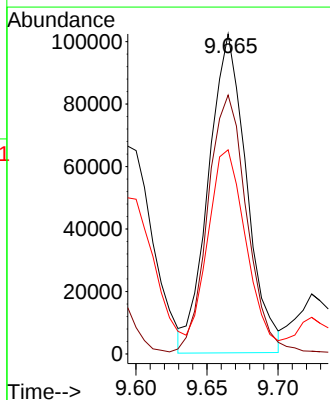
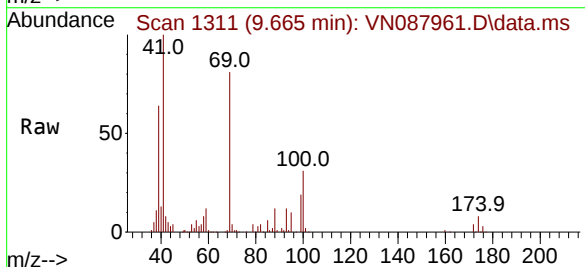
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 252153
Ion Ratio Lower Upper
83 100
85 62.2 49.1 73.7
127 8.0 5.9 8.9



#48
Methyl methacrylate
Concen: 57.272 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 41 Resp: 190229
Ion Ratio Lower Upper
41 100
69 84.7 70.9 106.3
39 64.9 52.9 79.3





#49

1,4-Dioxane

Concen: 1227.641 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

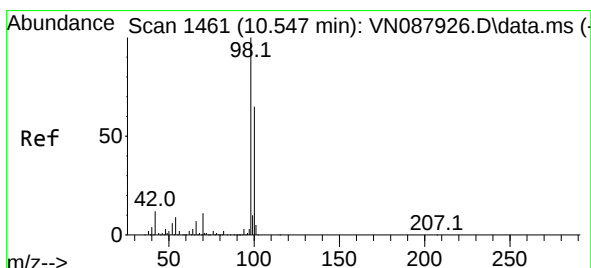
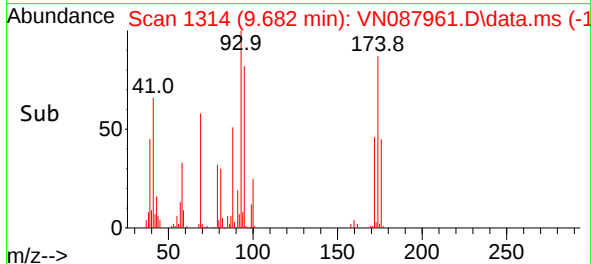
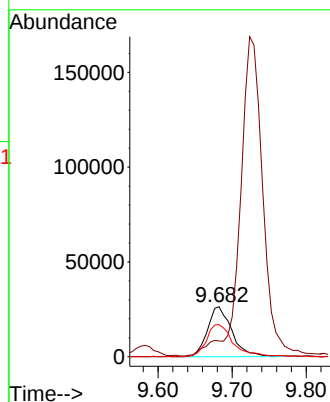
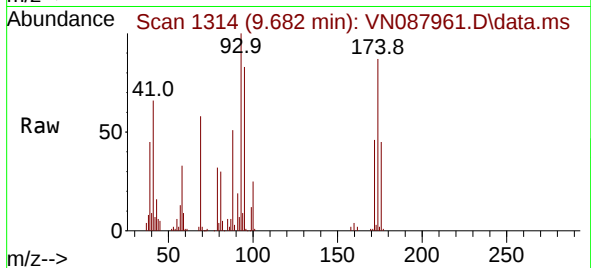
Tgt Ion: 88 Resp: 60239

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 69.6 57.4 86.2



#50

Toluene-d8

Concen: 49.673 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087961.D

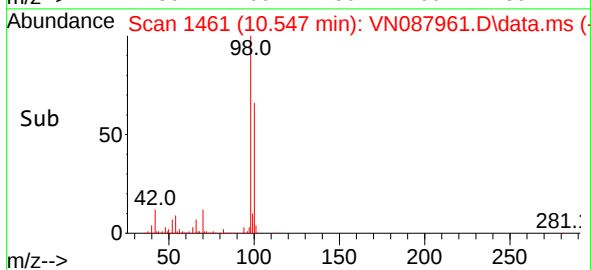
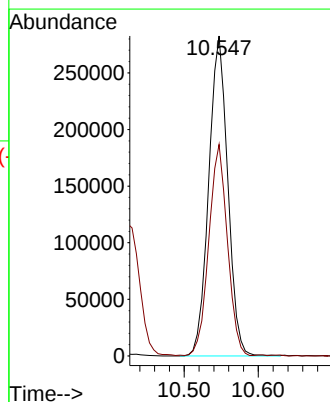
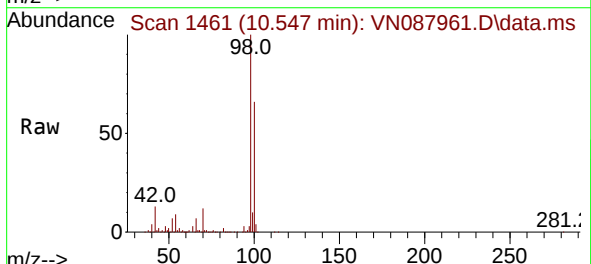
Acq: 26 Sep 2025 12:53

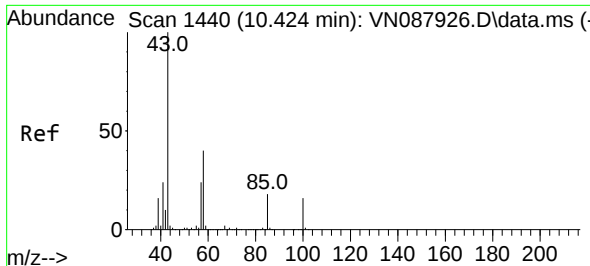
Tgt Ion: 98 Resp: 504088

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5

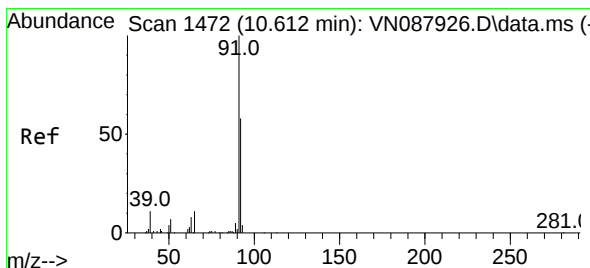
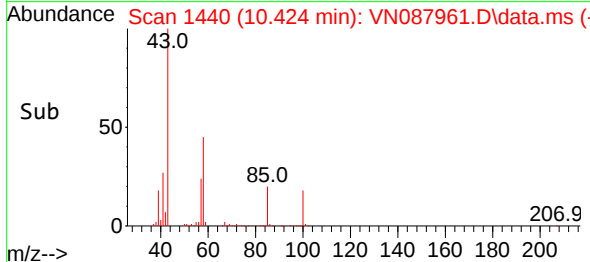
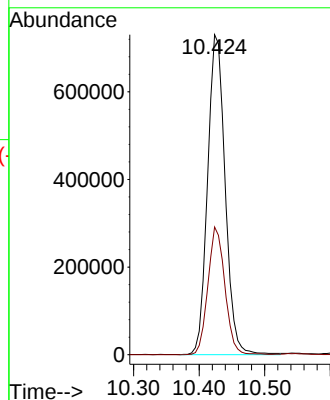
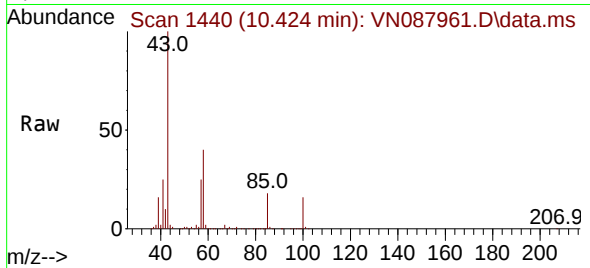




#51
4-Methyl-2-Pentanone
Concen: 304.570 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

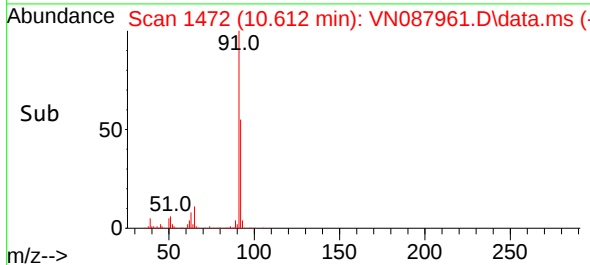
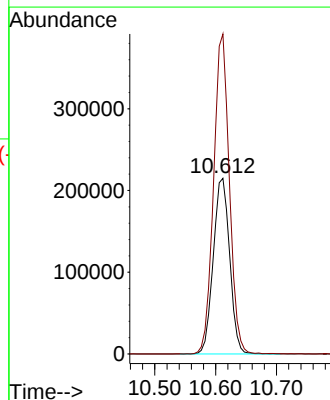
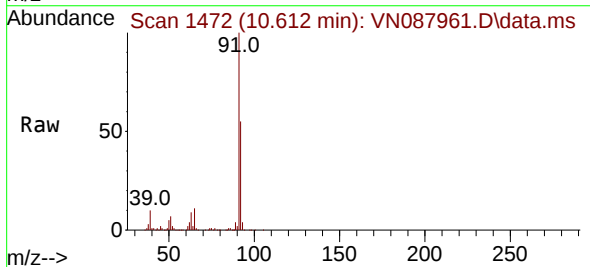
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

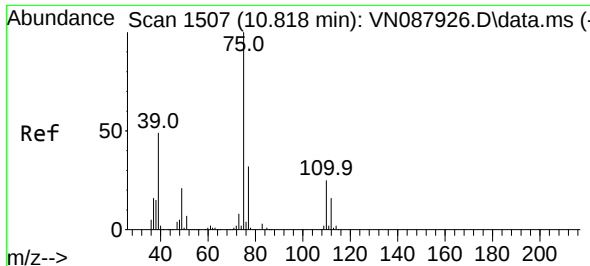
Tgt Ion: 43 Resp: 1363130
Ion Ratio Lower Upper
43 100
58 38.5 31.0 46.6



#52
Toluene
Concen: 55.604 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 92 Resp: 400894
Ion Ratio Lower Upper
92 100
91 175.5 138.2 207.2

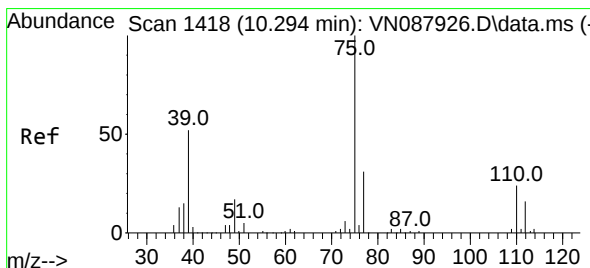
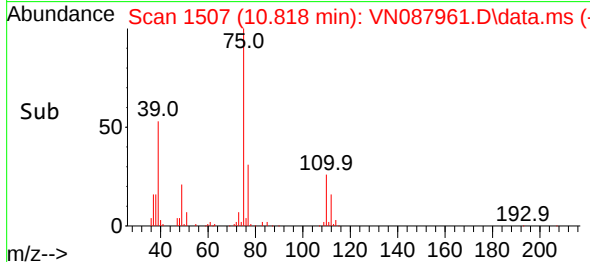
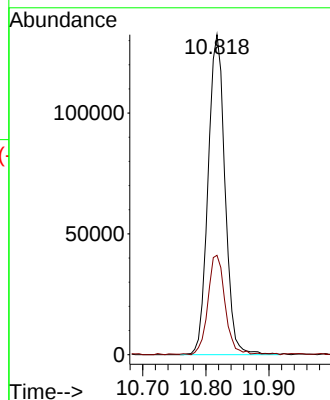
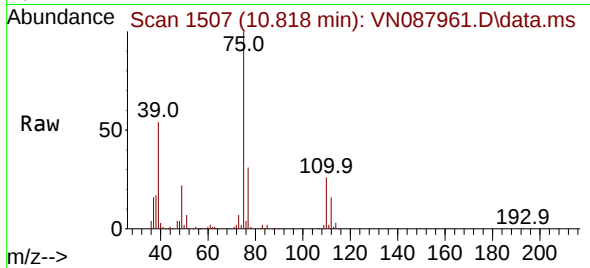




#53
t-1,3-Dichloropropene
Concen: 53.917 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

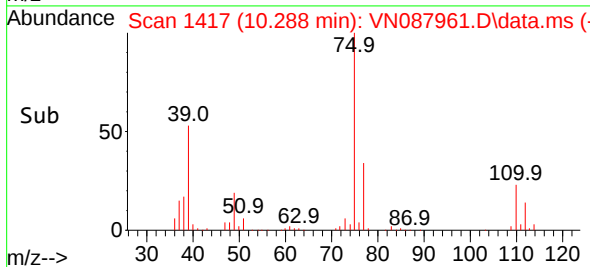
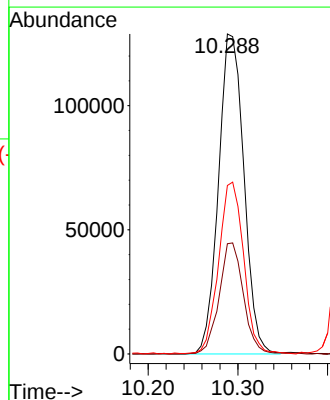
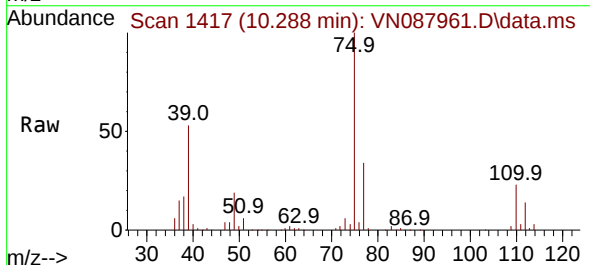
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

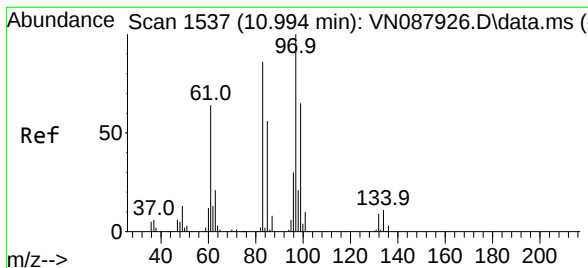
Tgt Ion: 75 Resp: 246043
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.414 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 75 Resp: 253160
Ion Ratio Lower Upper
75 100
77 34.4 24.7 37.1
39 52.5 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 57.424 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 168341

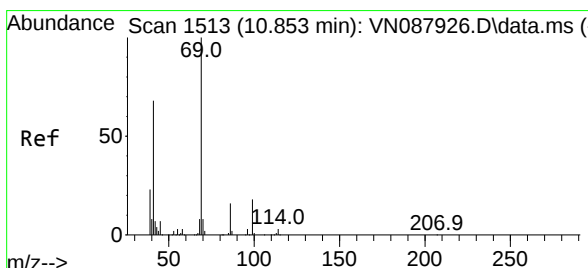
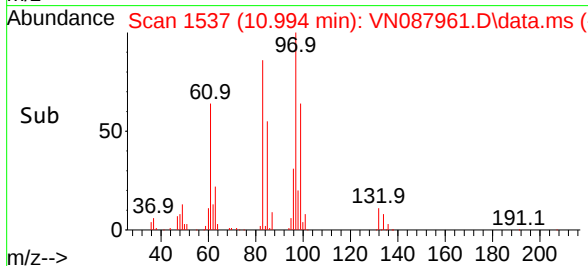
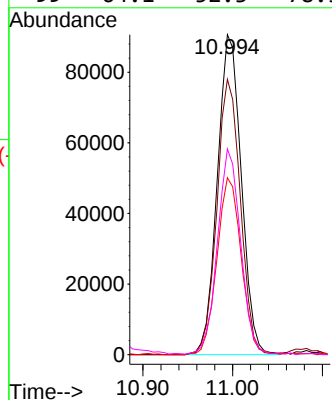
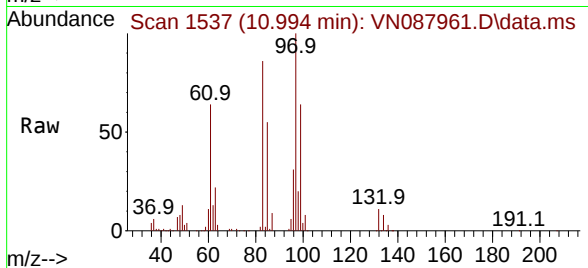
Ion Ratio Lower Upper

97 100

83 86.1 69.0 103.4

85 55.3 44.4 66.6

99 64.1 52.3 78.5



#56

Ethyl methacrylate

Concen: 58.542 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

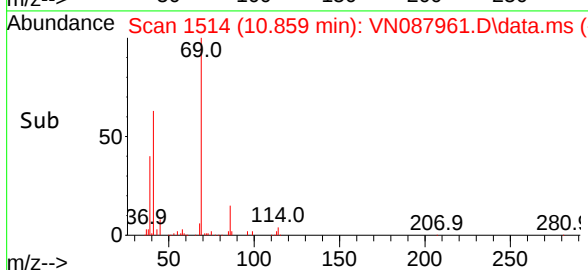
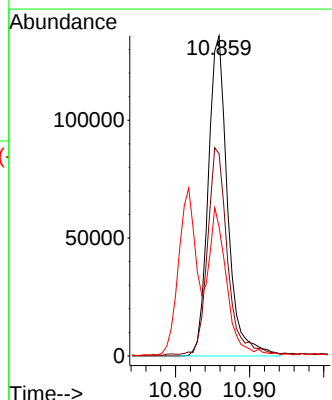
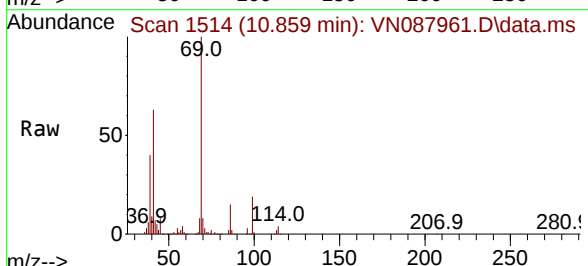
Tgt Ion: 69 Resp: 247981

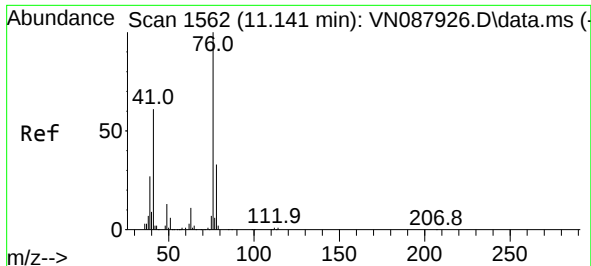
Ion Ratio Lower Upper

69 100

41 67.5 53.8 80.6

39 43.1 34.7 52.1





#57

1,3-Dichloropropane

Concen: 57.495 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

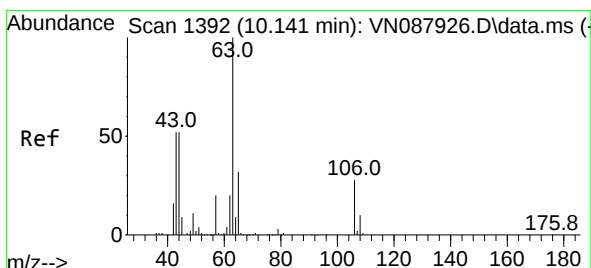
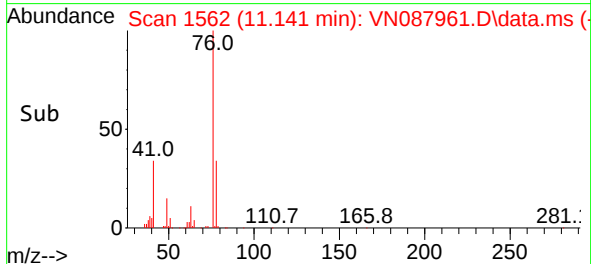
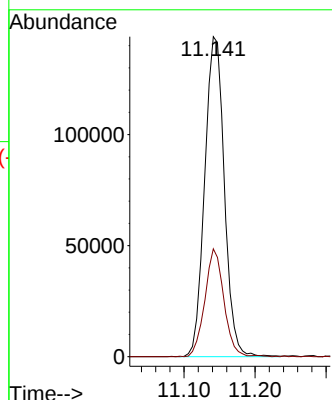
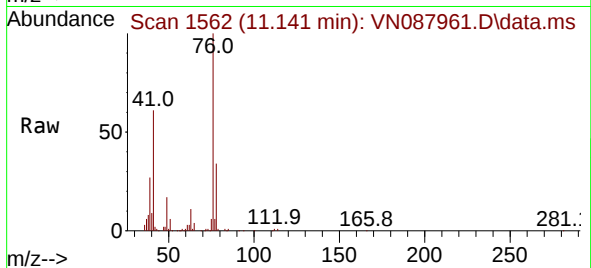
VSTDCCC050

Tgt Ion: 76 Resp: 277227

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 345.796 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087961.D

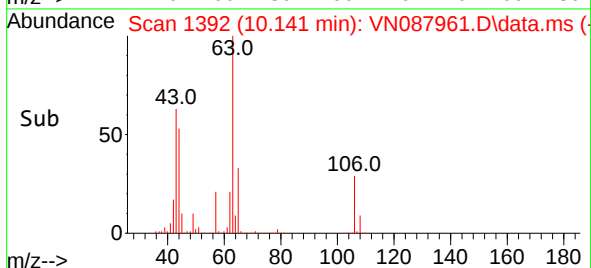
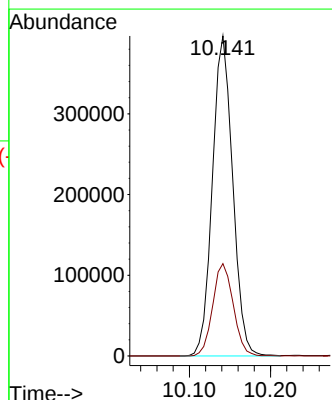
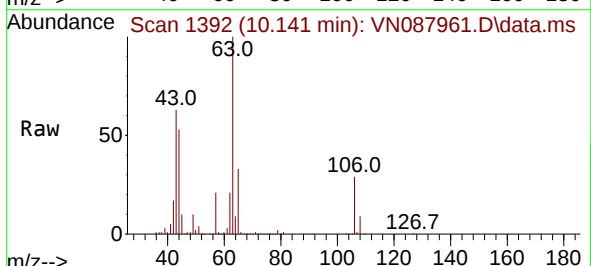
Acq: 26 Sep 2025 12:53

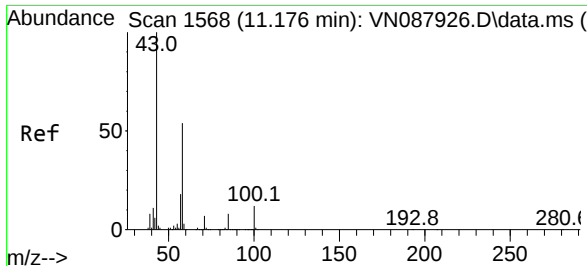
Tgt Ion: 63 Resp: 688704

Ion Ratio Lower Upper

63 100

106 29.2 22.6 33.8

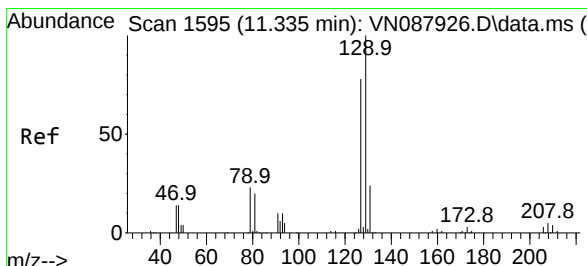
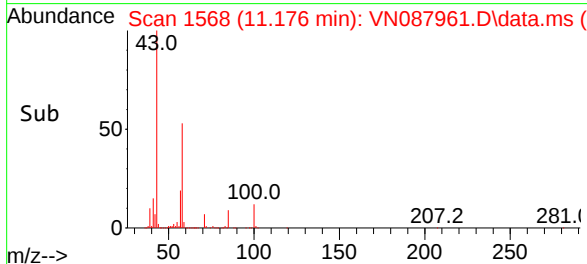
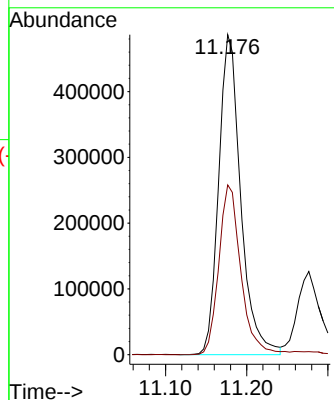
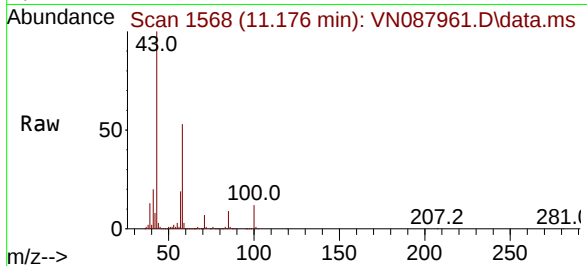




#59
2-Hexanone
Concen: 310.603 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

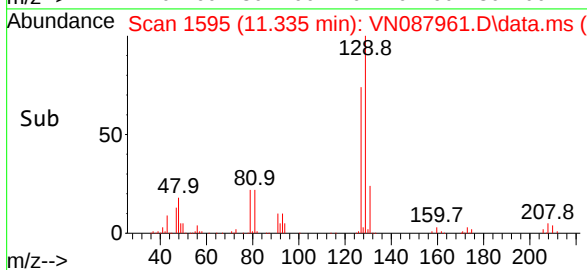
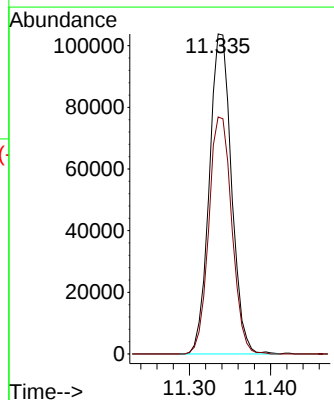
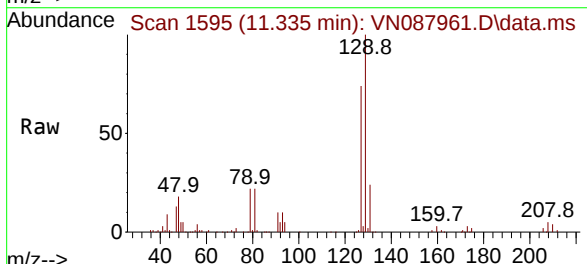
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

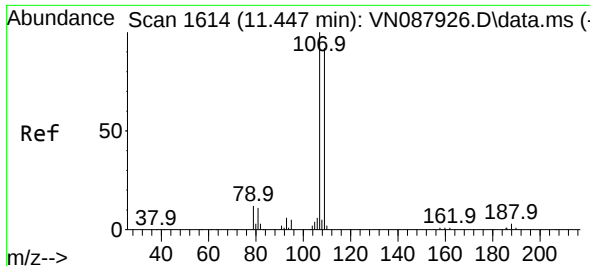
Tgt Ion: 43 Resp: 919188
Ion Ratio Lower Upper
43 100
58 53.1 26.4 79.2



#60
Dibromochloromethane
Concen: 57.192 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 129 Resp: 197127
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.9

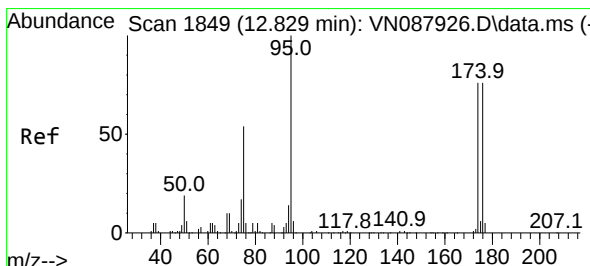
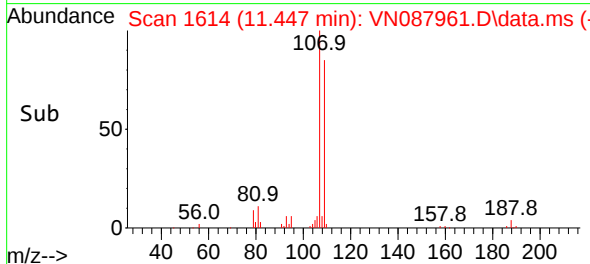
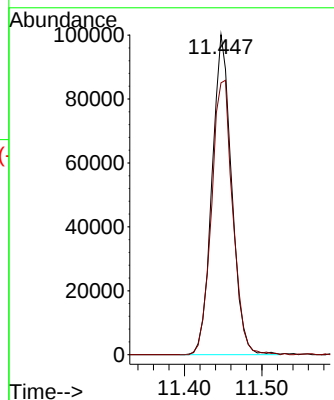
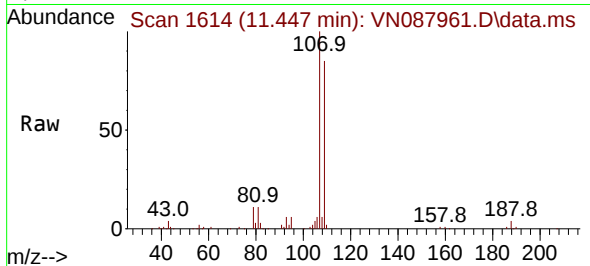




#61
1,2-Dibromoethane
Concen: 56.765 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

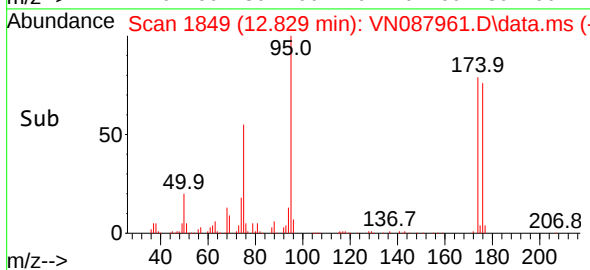
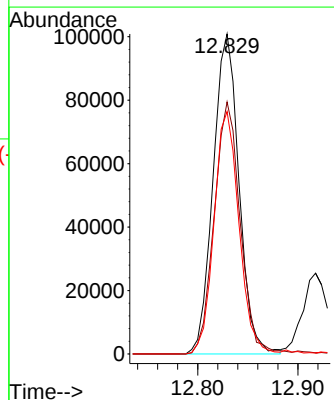
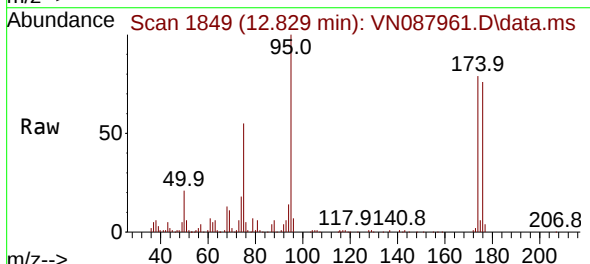
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

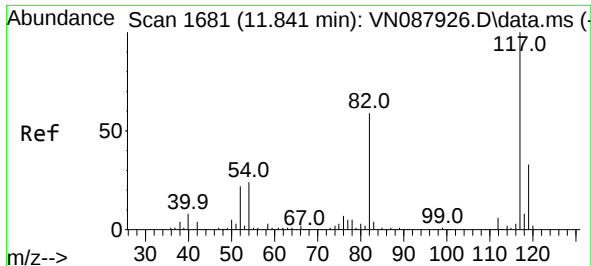
Tgt Ion:107 Resp: 176168
Ion Ratio Lower Upper
107 100
109 92.7 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 49.715 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 95 Resp: 180338
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 73.3 0.0 152.6

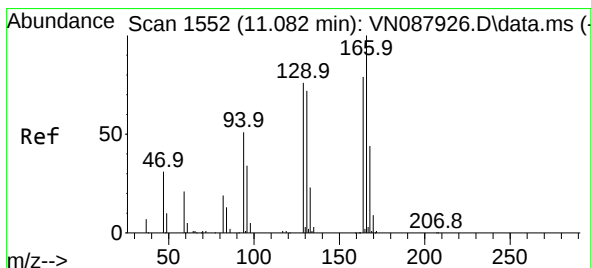
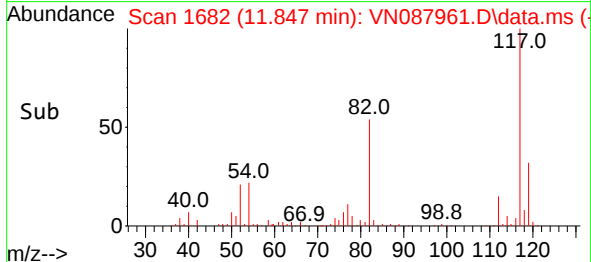
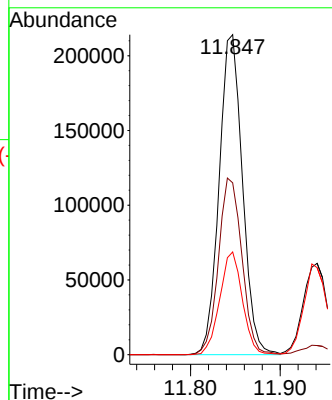
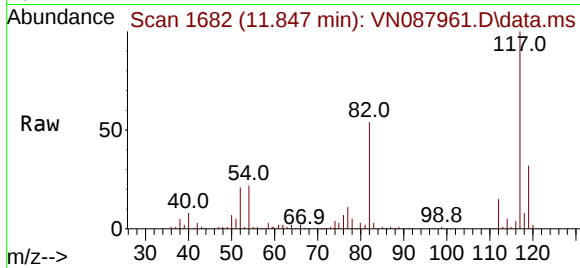




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

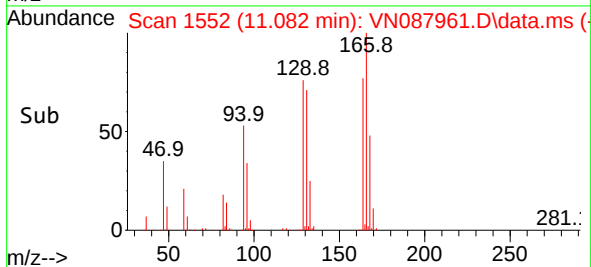
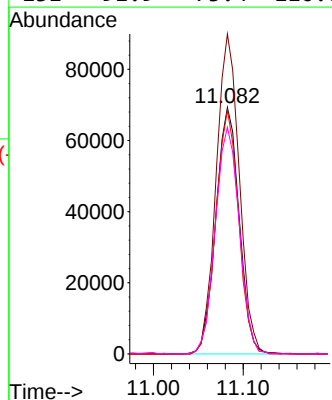
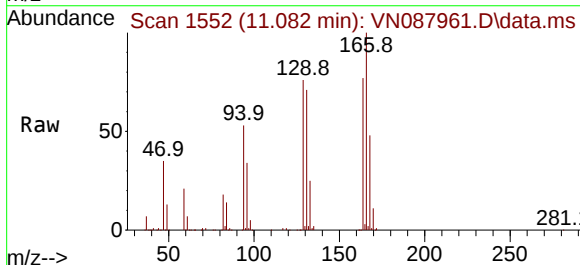
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

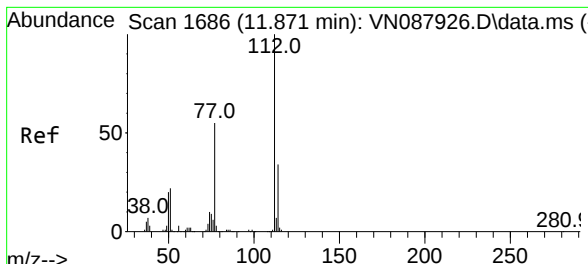
Tgt Ion:117 Resp: 386821
Ion Ratio Lower Upper
117 100
82 53.7 47.0 70.4
119 32.1 26.1 39.1



#64
Tetrachloroethene
Concen: 53.055 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:164 Resp: 125013
Ion Ratio Lower Upper
164 100
166 129.8 101.6 152.4
129 98.8 77.5 116.3
131 91.9 73.4 110.0

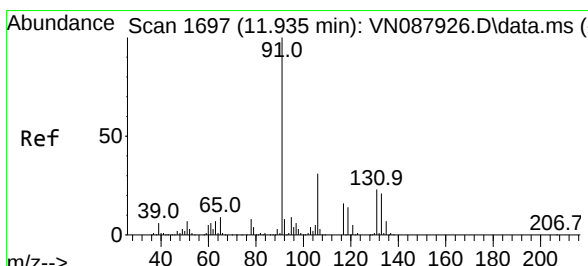
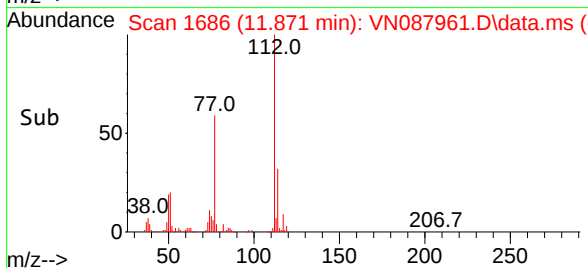
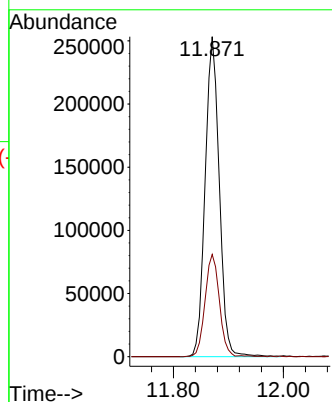
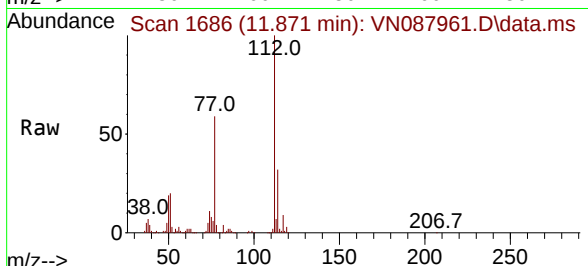




#65
Chlorobenzene
Concen: 54.899 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

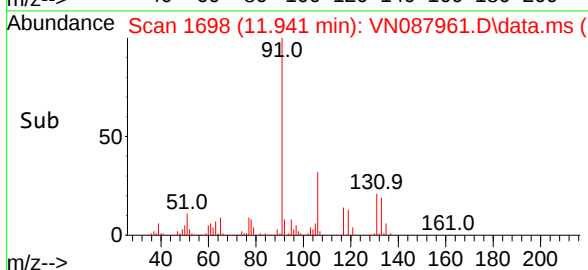
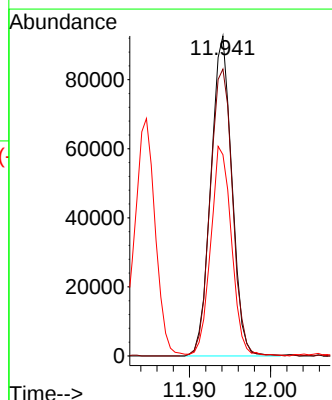
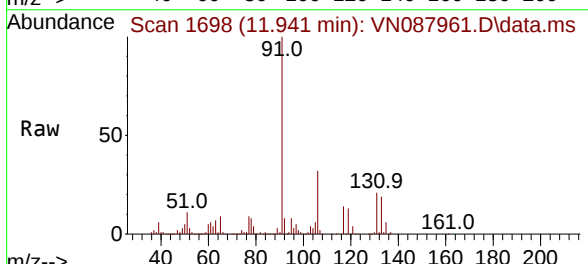
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

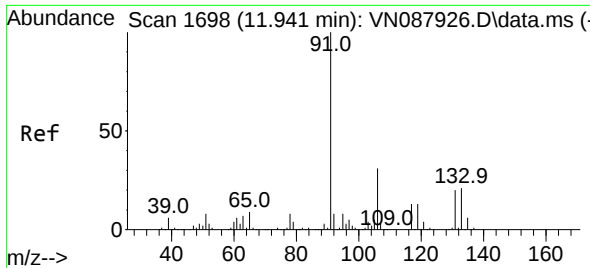
Tgt Ion:112 Resp: 451921
Ion Ratio Lower Upper
112 100
114 32.0 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 56.096 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:131 Resp: 166522
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 64.9 31.9 95.5

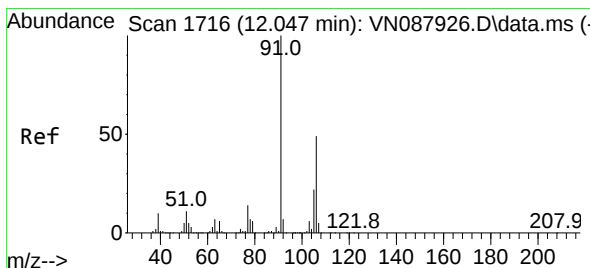
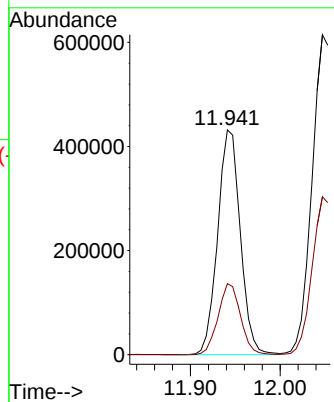
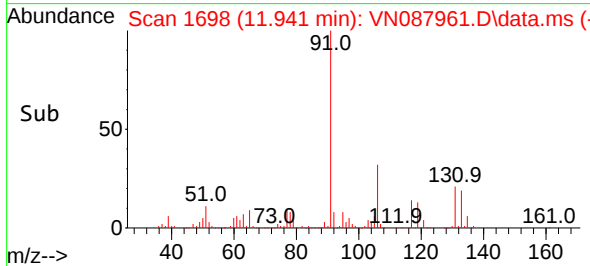
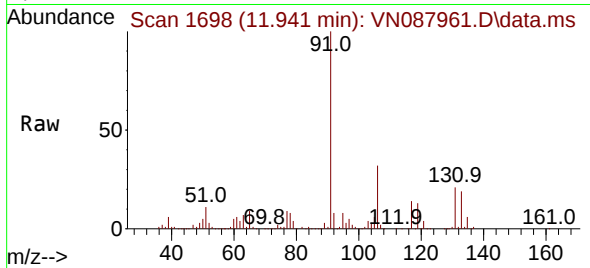




#67
Ethyl Benzene
Concen: 55.174 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

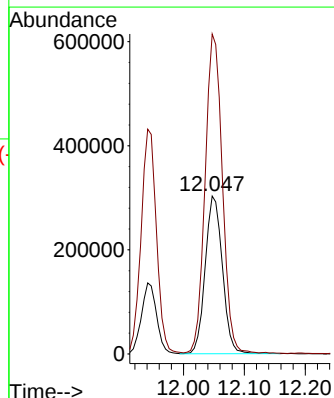
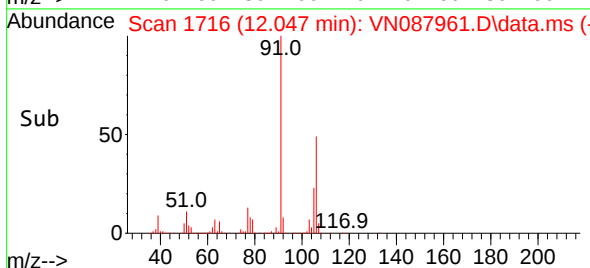
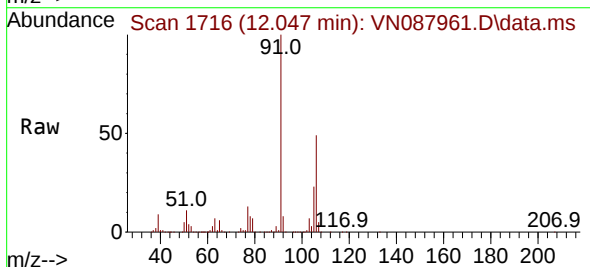
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

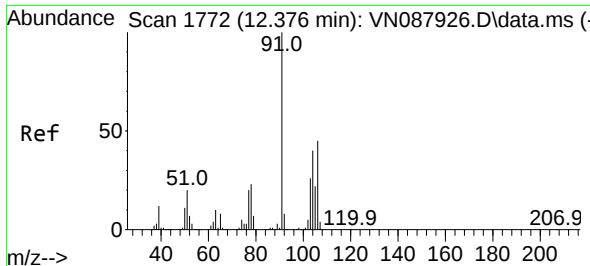
Tgt Ion: 91 Resp: 757861
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 113.389 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:106 Resp: 595665
Ion Ratio Lower Upper
106 100
91 202.0 162.9 244.3

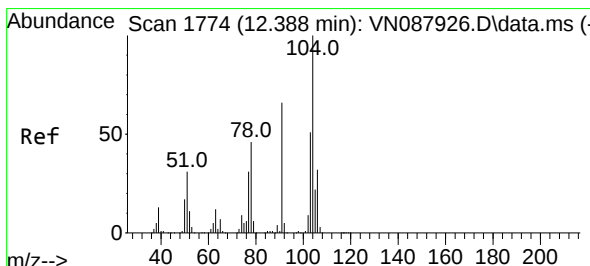
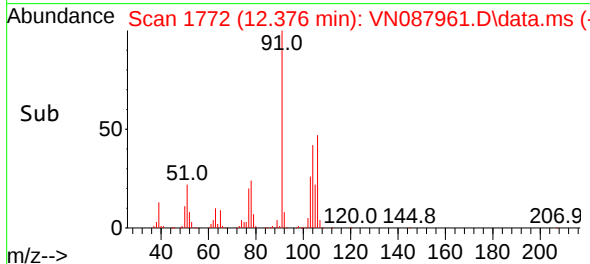
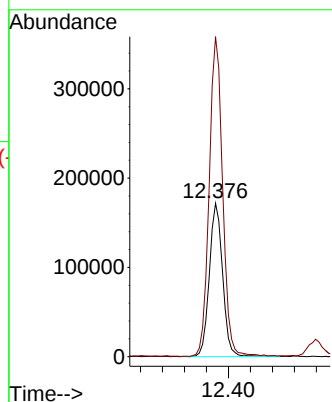
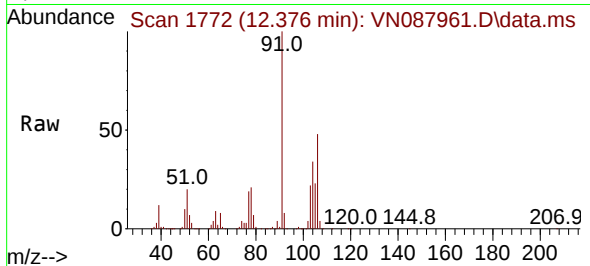




#69
o-Xylene
Concen: 57.178 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

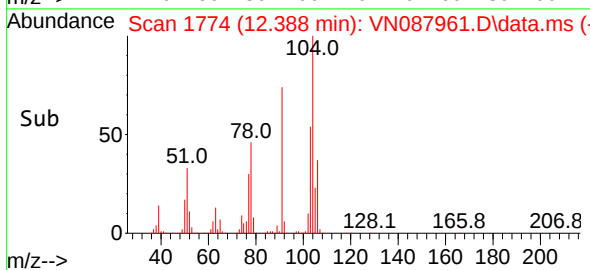
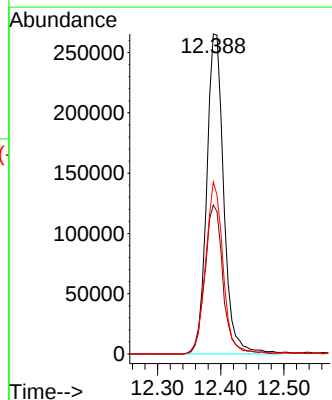
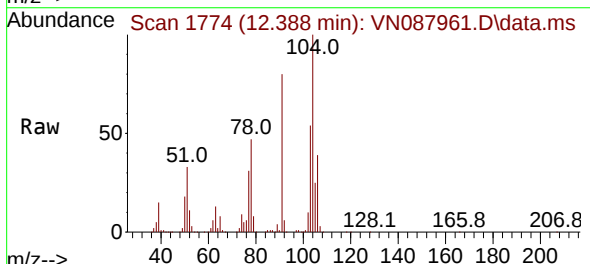
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

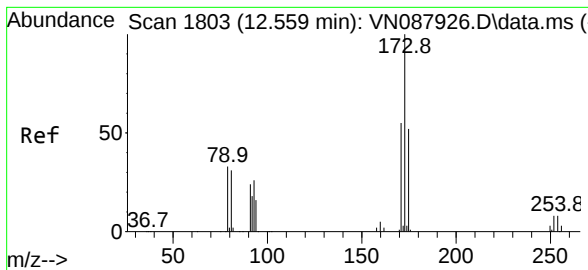
Tgt Ion:106 Resp: 288582
Ion Ratio Lower Upper
106 100
91 210.4 108.2 324.6



#70
Styrene
Concen: 57.292 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:104 Resp: 496620
Ion Ratio Lower Upper
104 100
78 49.8 39.7 59.5
103 55.1 44.6 67.0

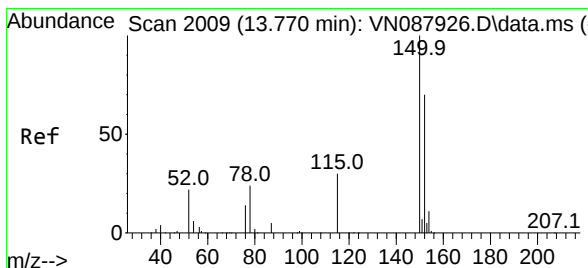
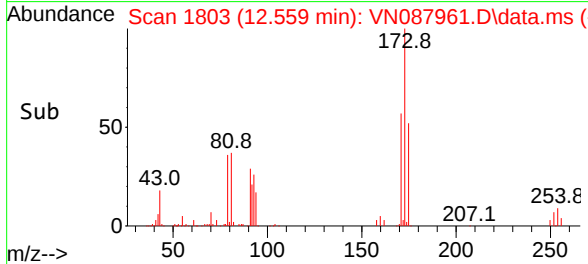
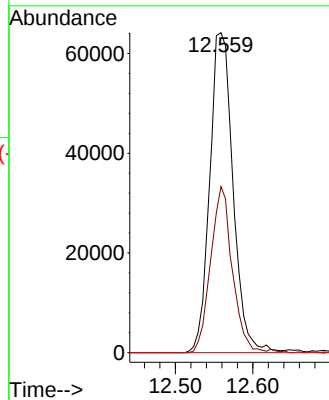
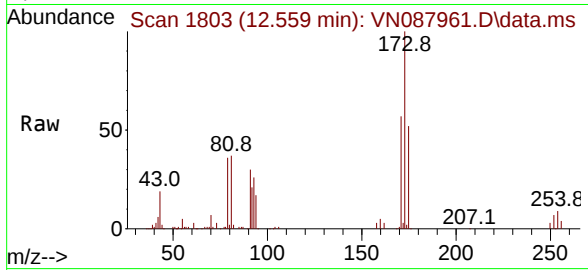




#71
Bromoform
Concen: 55.881 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

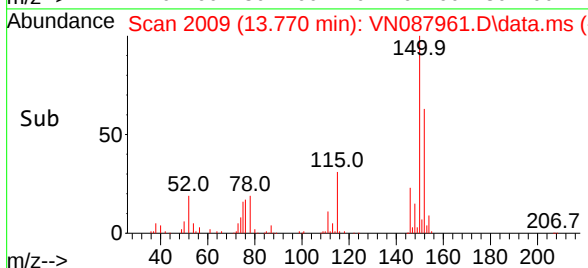
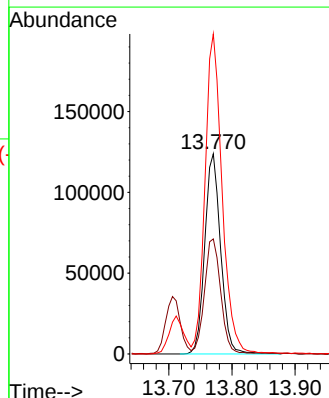
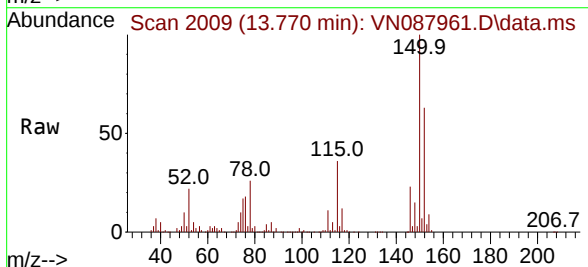
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

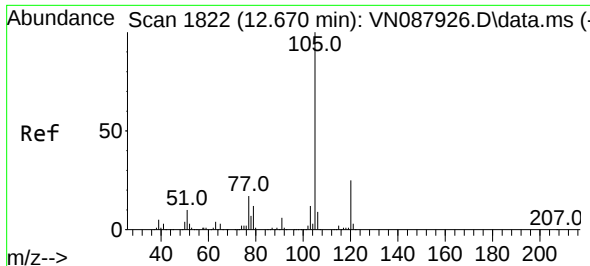
Tgt Ion:173 Resp: 134584
Ion Ratio Lower Upper
173 100
175 48.1 23.7 71.1
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:152 Resp: 216102
Ion Ratio Lower Upper
152 100
115 57.7 29.9 89.7
150 171.5 0.0 335.0

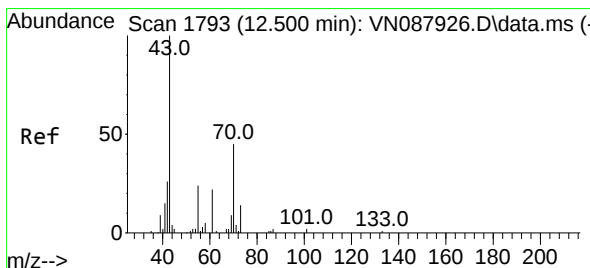
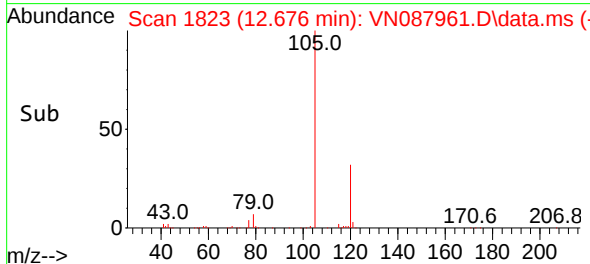
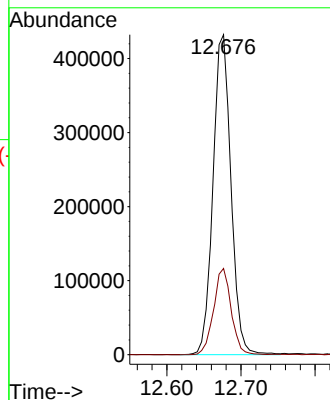
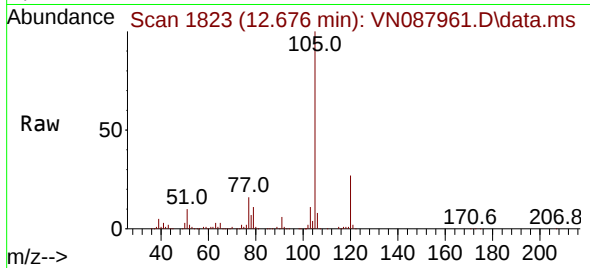




#73
Isopropylbenzene
Concen: 54.327 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

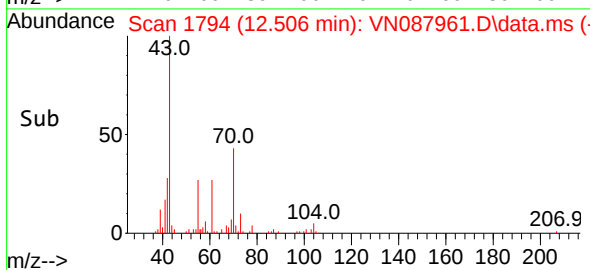
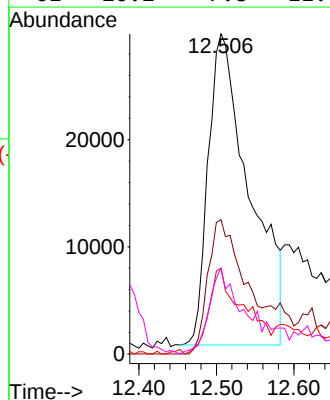
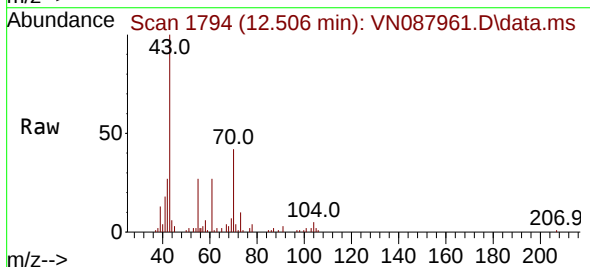
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

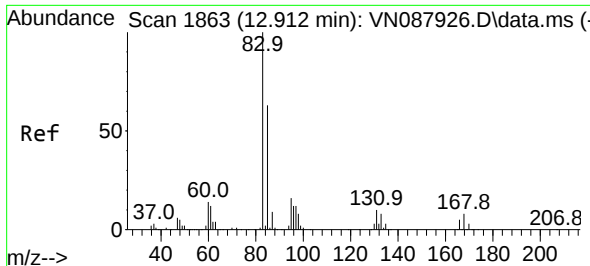
Tgt Ion:105 Resp: 727632
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 24.513 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 43 Resp: 108178
Ion Ratio Lower Upper
43 100
70 37.1 19.8 29.8#
55 23.5 9.6 14.4#
61 26.2 7.8 11.6#

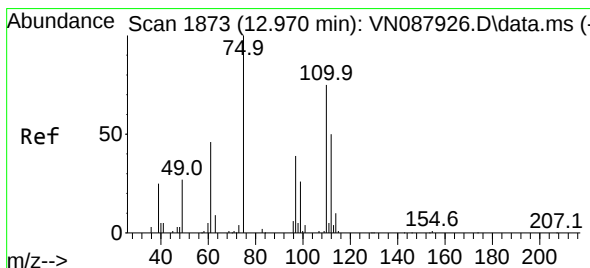
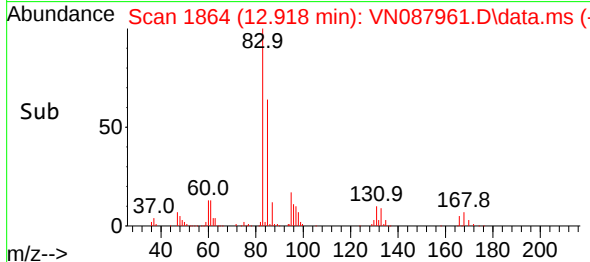
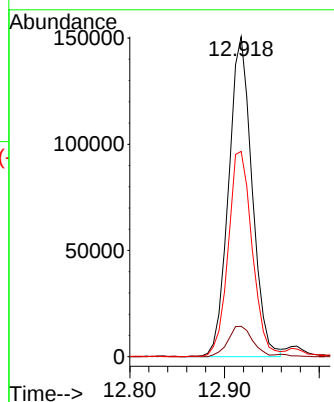
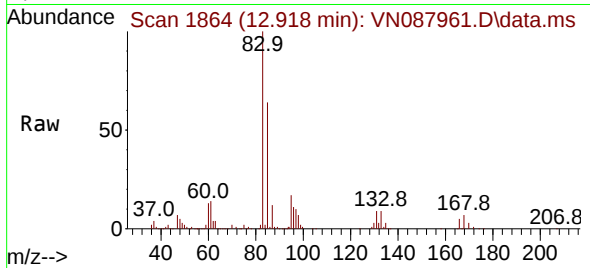




#75
1,1,2,2-Tetrachloroethane
Concen: 53.635 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

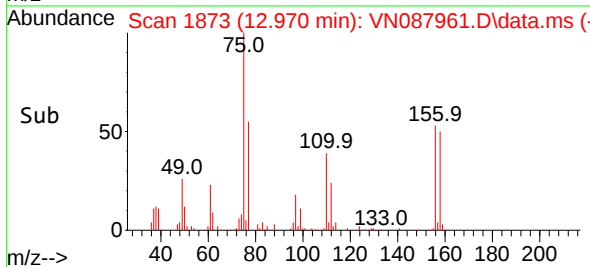
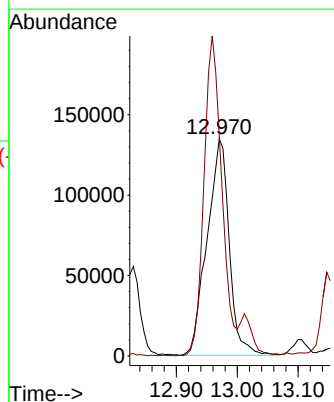
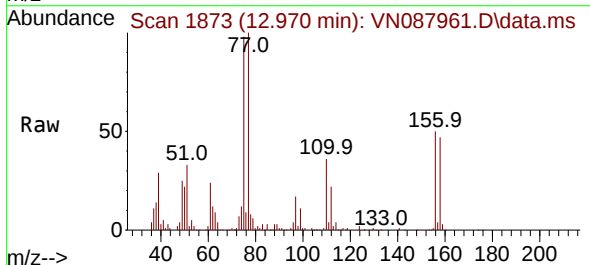
Instrument :
MSVOA_N
ClientSampleId :
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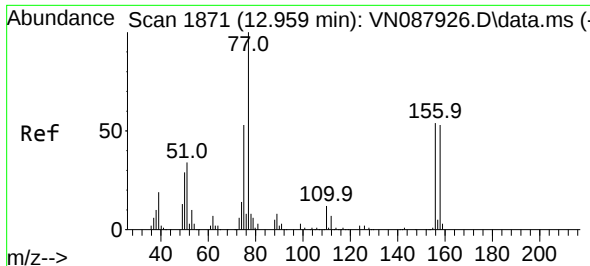
Tgt Ion: 83 Resp: 258825
Ion Ratio Lower Upper
83 100
131 10.1 5.2 15.6
85 65.8 32.4 97.0



#76
1,2,3-Trichloropropane
Concen: 79.710 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 75 Resp: 339552
Ion Ratio Lower Upper
75 100
77 119.1 89.5 268.5

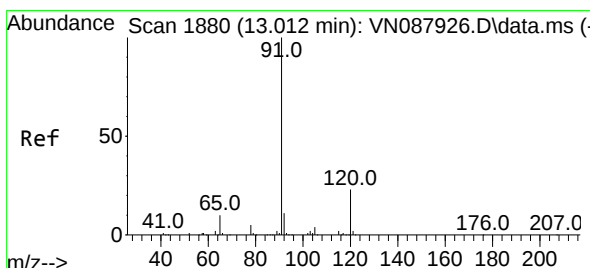
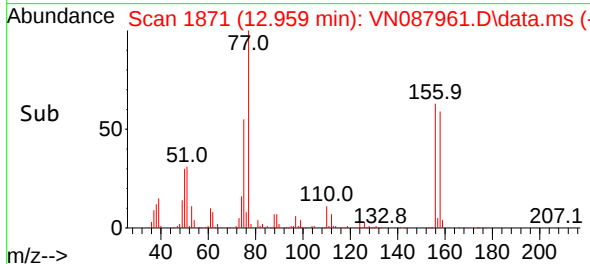
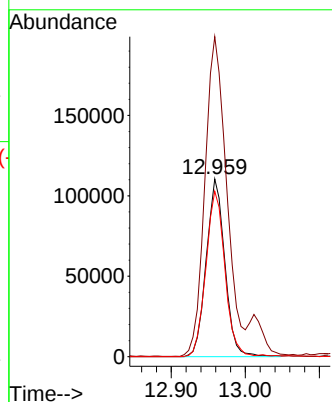
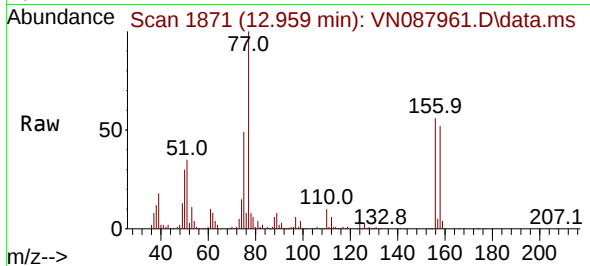




#77
Bromobenzene
Concen: 54.140 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

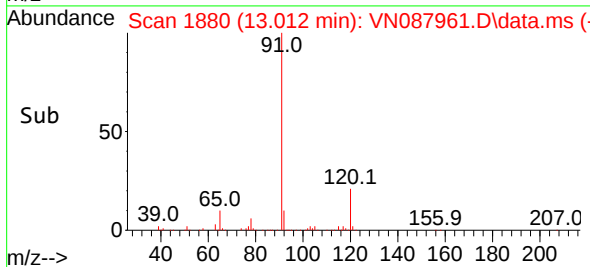
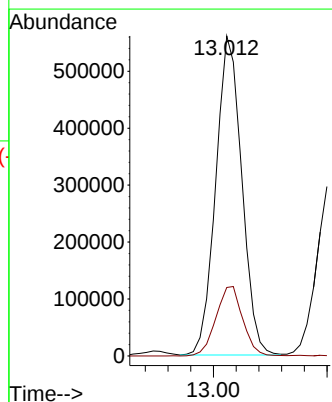
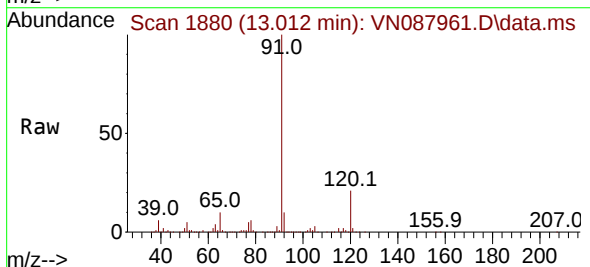
Instrument :
MSVOA_N
ClientSampleId :
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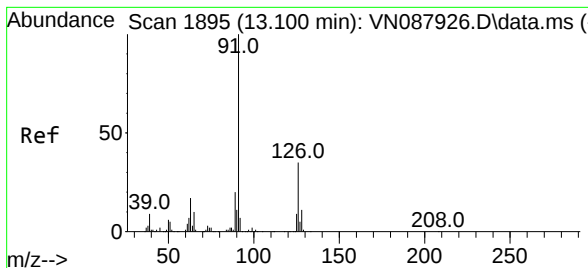
Tgt Ion:156 Resp: 192931
Ion Ratio Lower Upper
156 100
77 209.6 108.2 324.6
158 95.0 49.6 149.0



#78
n-propylbenzene
Concen: 53.268 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 91 Resp: 891989
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.1

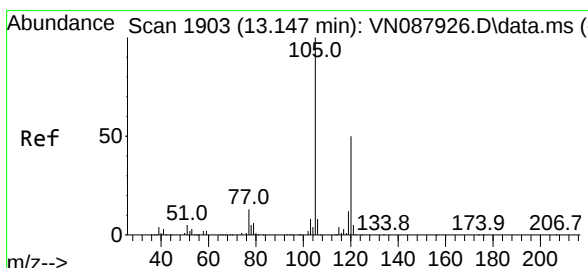
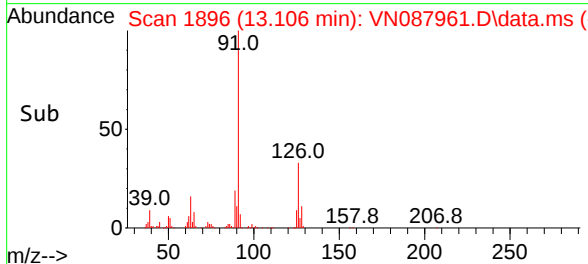
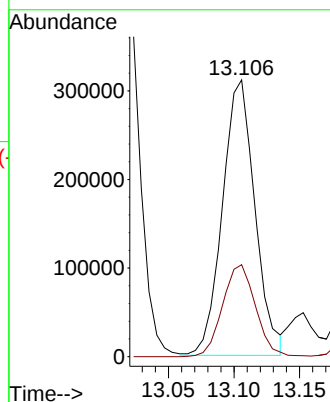
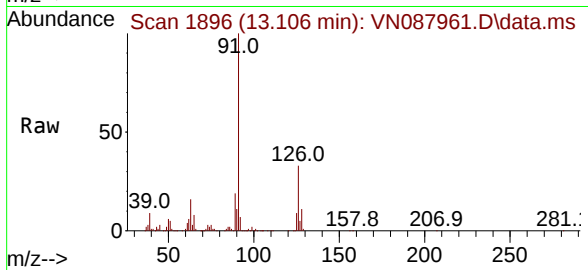




#79
2-Chlorotoluene
Concen: 52.590 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

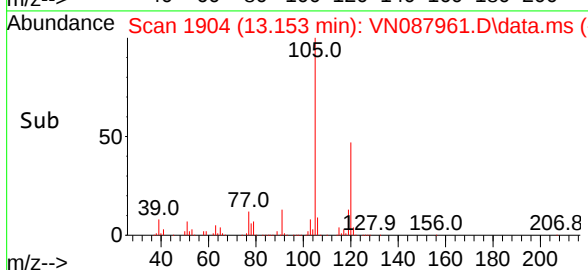
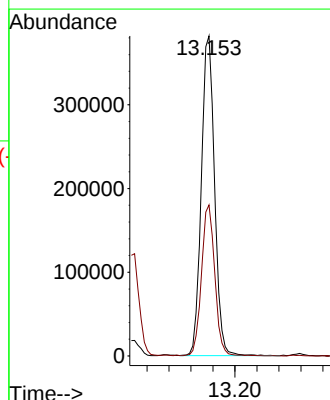
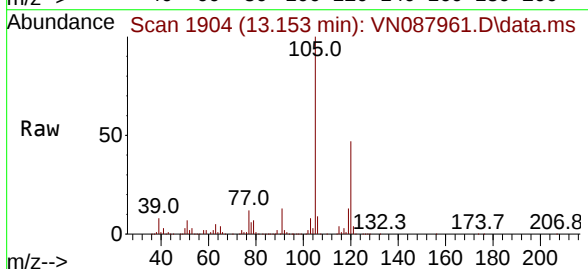
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

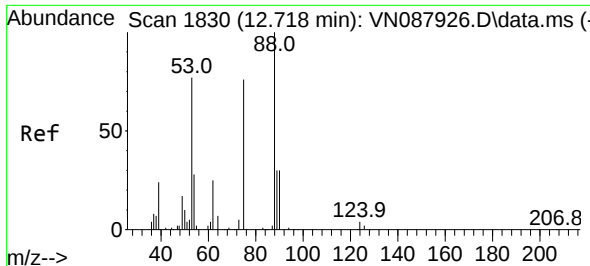
Tgt Ion: 91 Resp: 536213
Ion Ratio Lower Upper
91 100
126 33.9 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 55.261 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 105 Resp: 640192
Ion Ratio Lower Upper
105 100
120 47.4 24.7 74.1

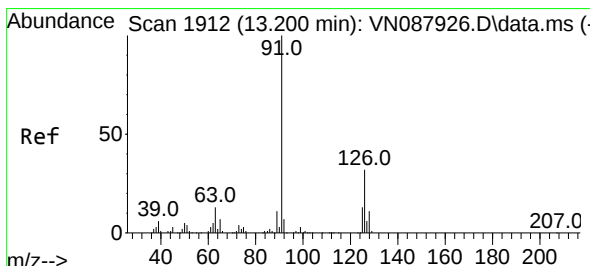
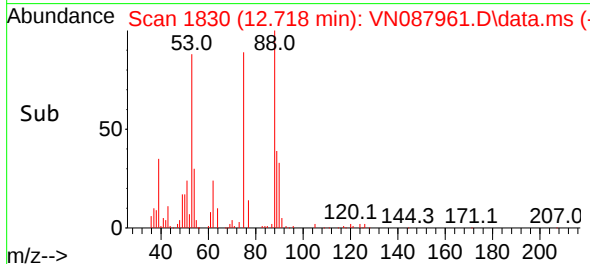
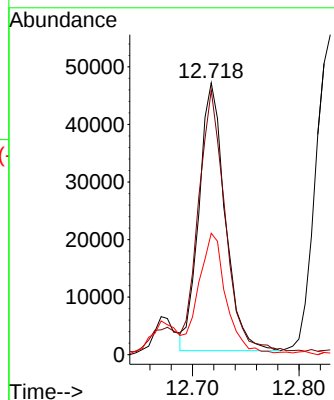
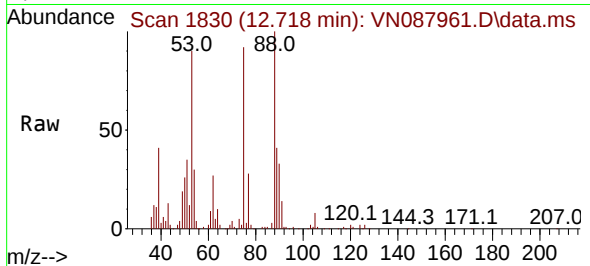




#81
trans-1,4-Dichloro-2-butene
Concen: 51.669 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

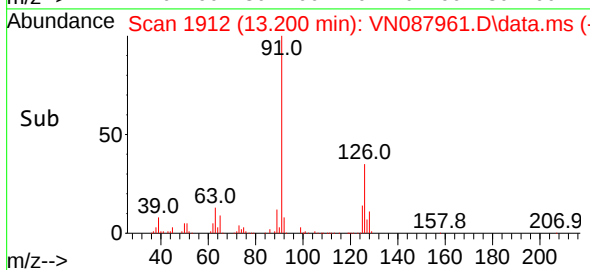
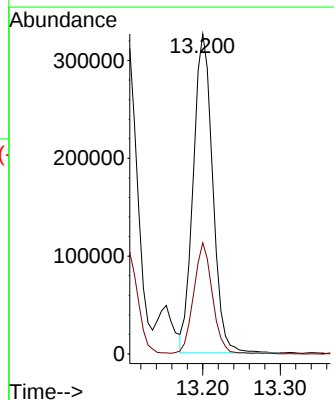
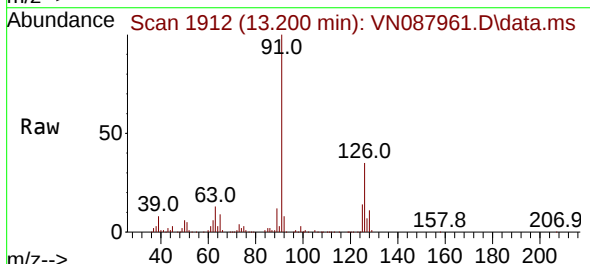
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

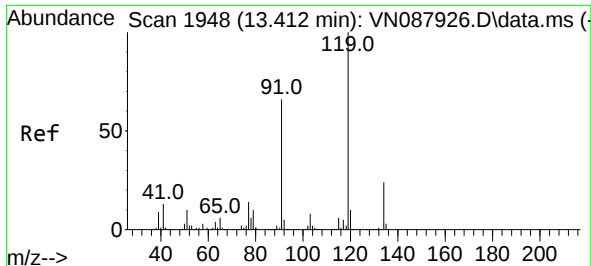
Tgt Ion: 75 Resp: 79263
Ion Ratio Lower Upper
75 100
53 99.8 82.0 123.0
89 46.4 36.1 54.1



#82
4-Chlorotoluene
Concen: 55.068 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion: 91 Resp: 565759
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.6

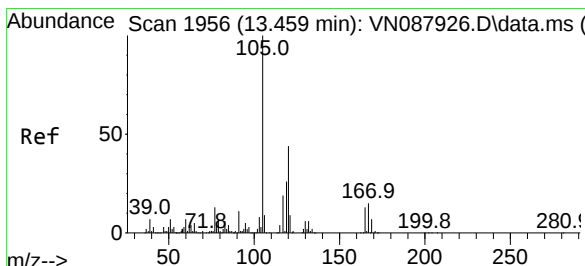
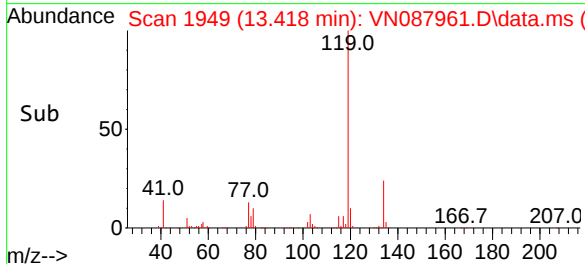
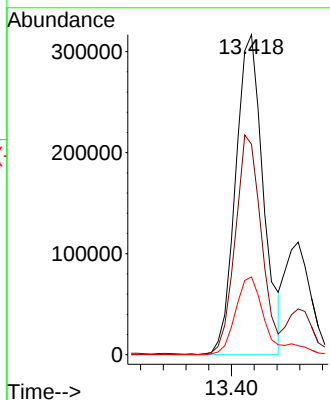
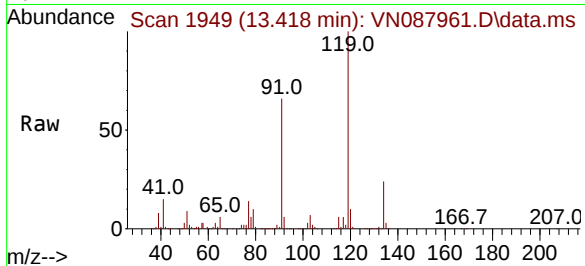




#83
tert-Butylbenzene
Concen: 54.564 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

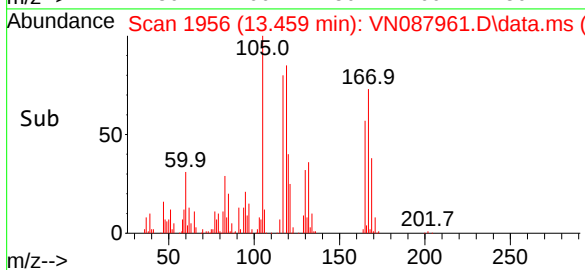
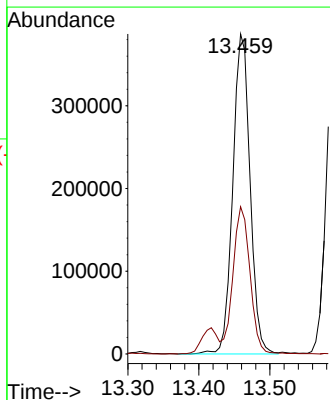
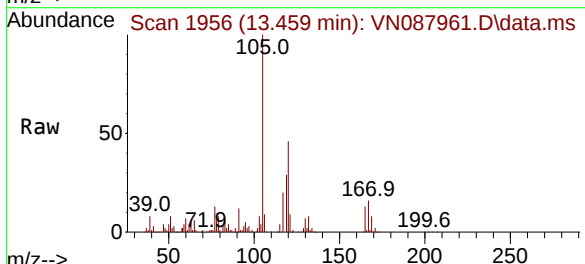
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

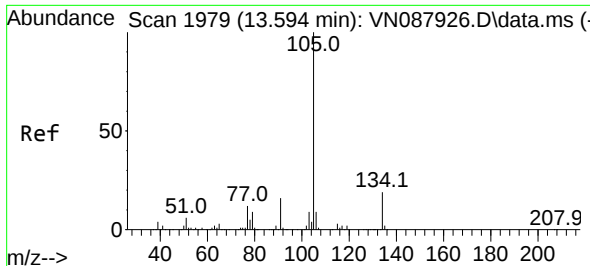
Tgt Ion:119 Resp: 535037
Ion Ratio Lower Upper
119 100
91 64.9 32.1 96.3
134 26.7 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 54.977 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087961.D
Acq: 26 Sep 2025 12:53

Tgt Ion:105 Resp: 653277
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.3

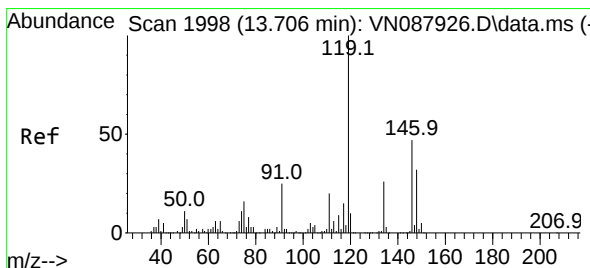
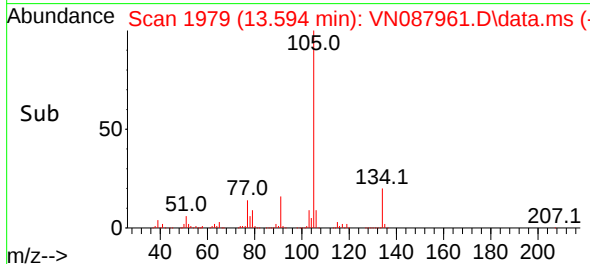
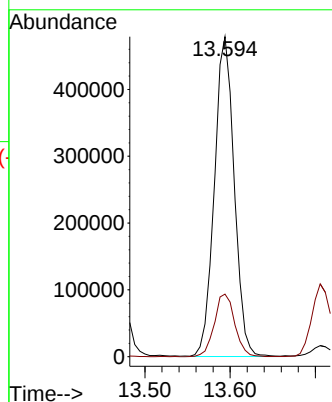
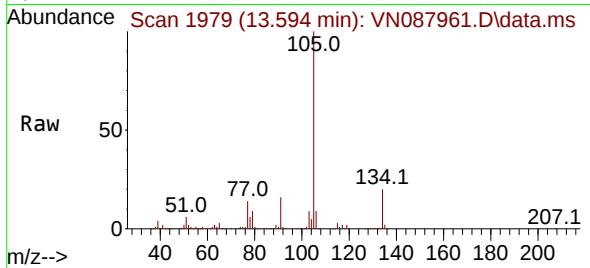




#85
 sec-Butylbenzene
 Concen: 53.896 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087961.D
 Acq: 26 Sep 2025 12:53

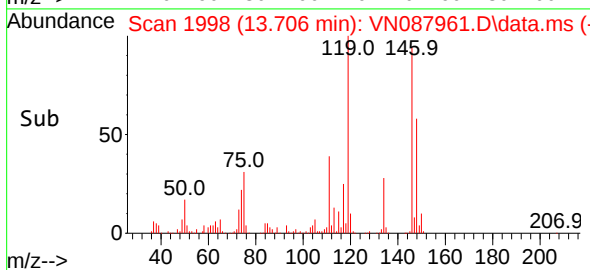
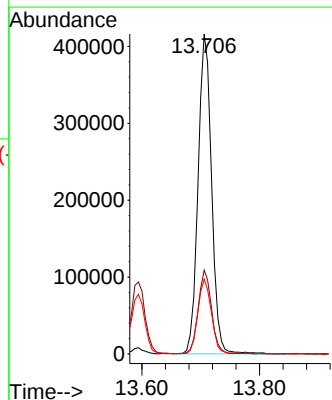
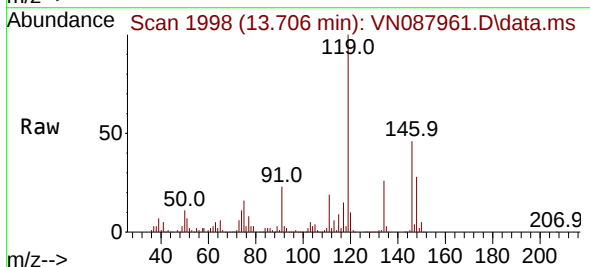
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

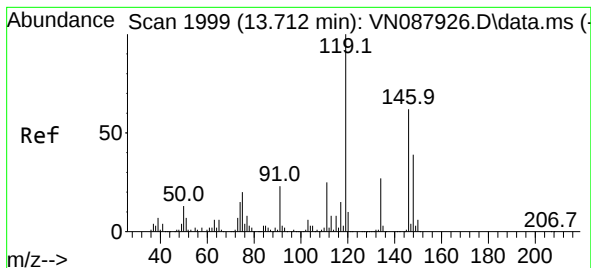
Tgt Ion:105 Resp: 774838
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 54.309 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087961.D
 Acq: 26 Sep 2025 12:53

Tgt Ion:119 Resp: 661277
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 53.027 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

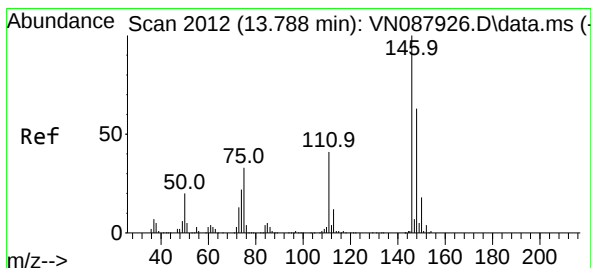
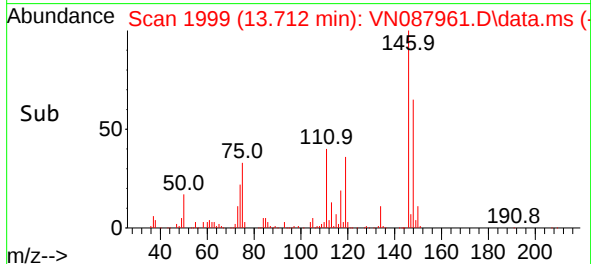
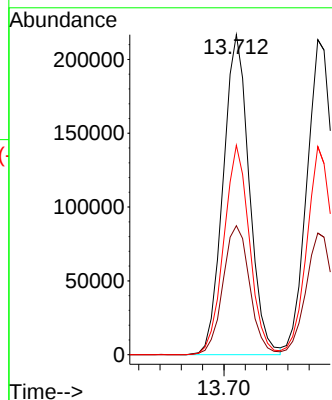
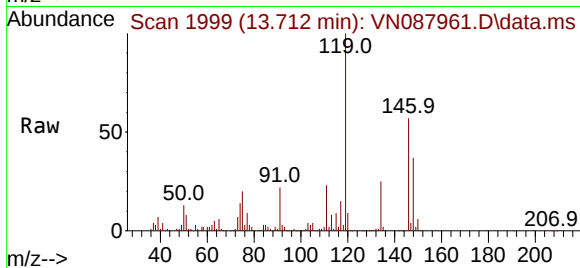
Tgt Ion:146 Resp: 368749

Ion Ratio Lower Upper

146 100

111 41.4 20.3 60.8

148 64.4 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 52.785 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

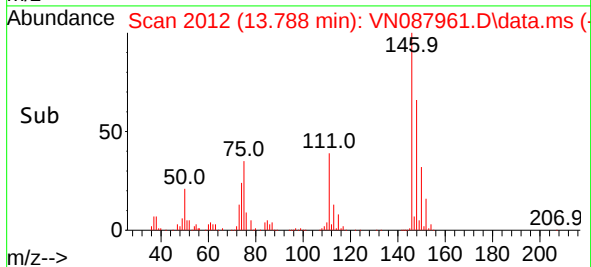
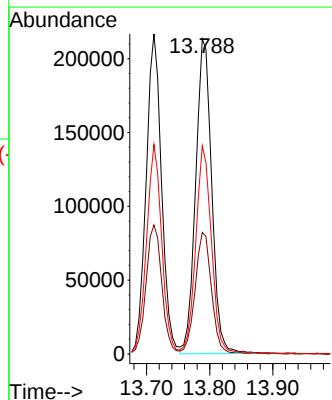
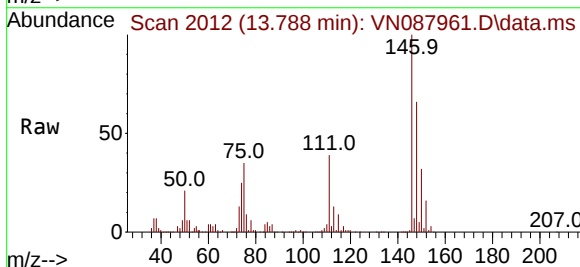
Tgt Ion:146 Resp: 377232

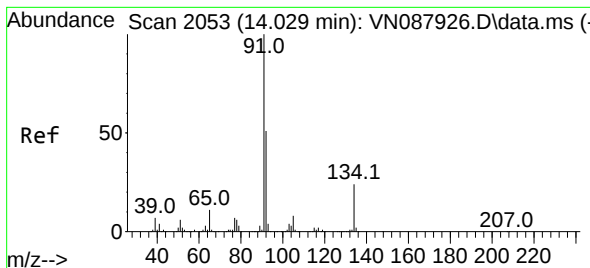
Ion Ratio Lower Upper

146 100

111 38.2 20.5 61.5

148 63.8 32.8 98.4





#89

n-Butylbenzene

Concen: 53.067 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

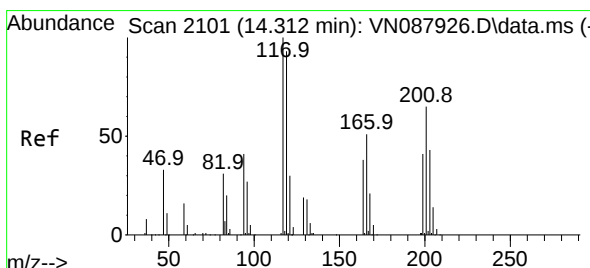
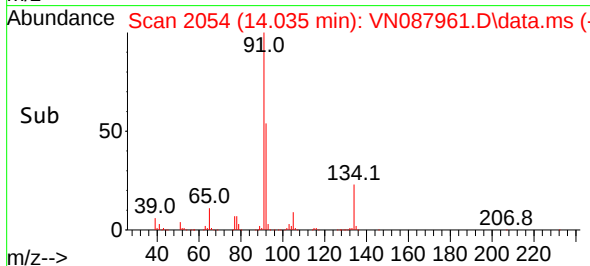
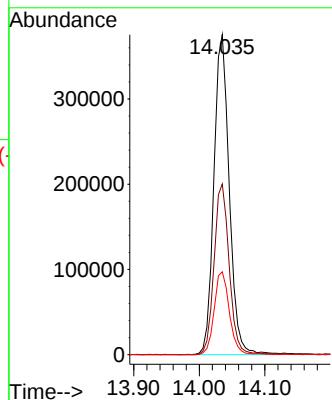
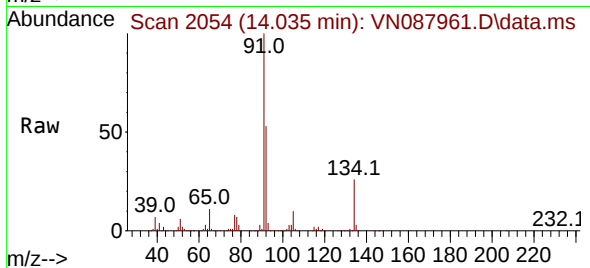
Tgt Ion: 91 Resp: 610647

Ion Ratio Lower Upper

91 100

92 52.8 25.9 77.8

134 25.8 12.6 37.8



#90

Hexachloroethane

Concen: 51.637 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087961.D

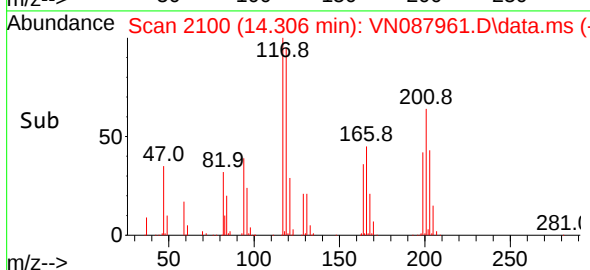
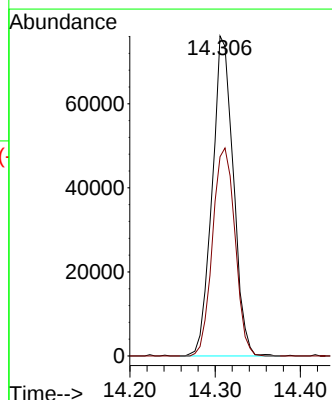
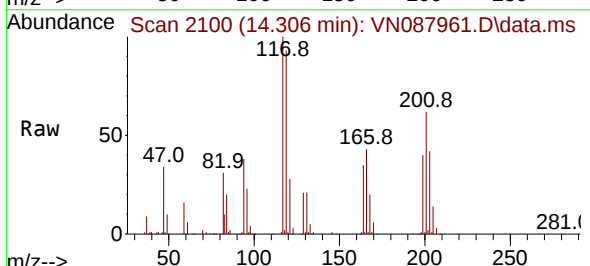
Acq: 26 Sep 2025 12:53

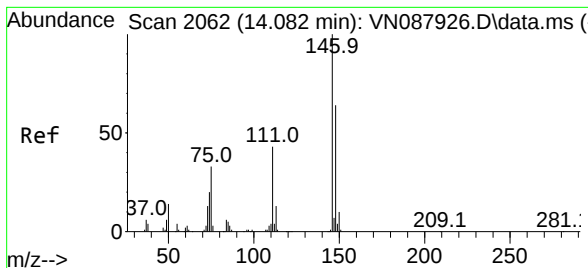
Tgt Ion: 117 Resp: 131337

Ion Ratio Lower Upper

117 100

201 68.8 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 54.701 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

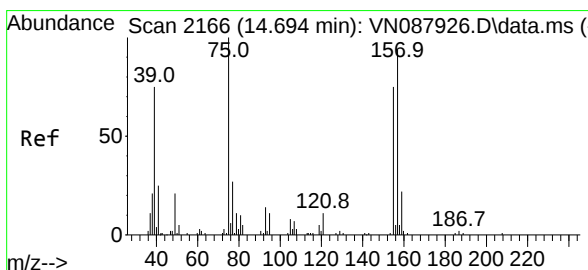
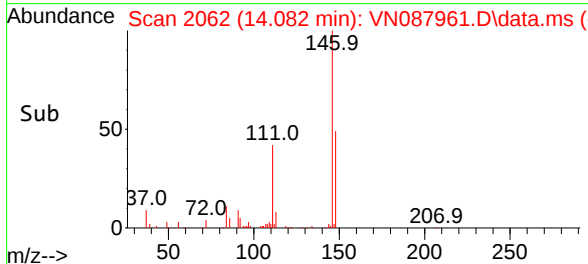
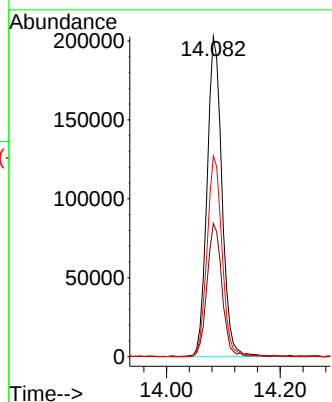
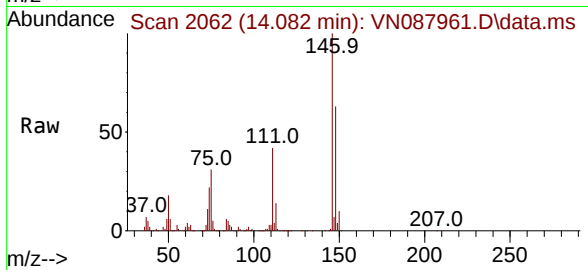
Tgt Ion:146 Resp: 366664

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.7

148 63.3 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.293 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

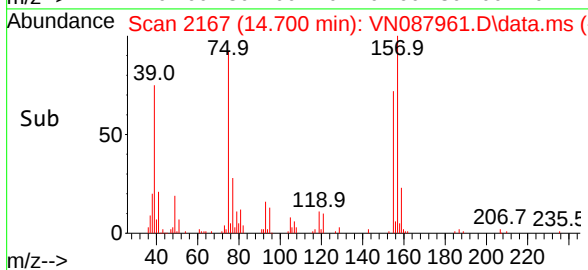
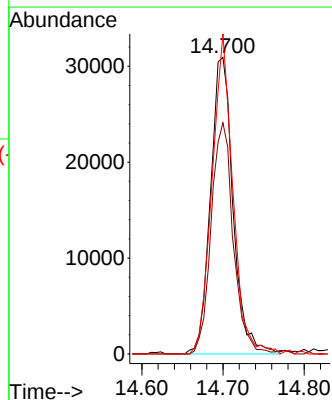
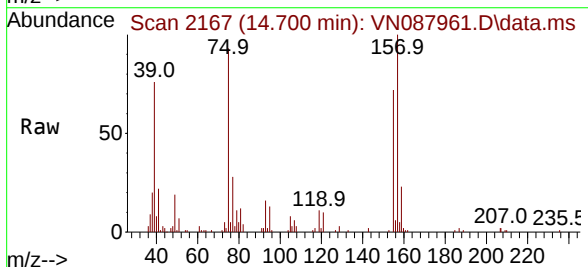
Tgt Ion: 75 Resp: 59757

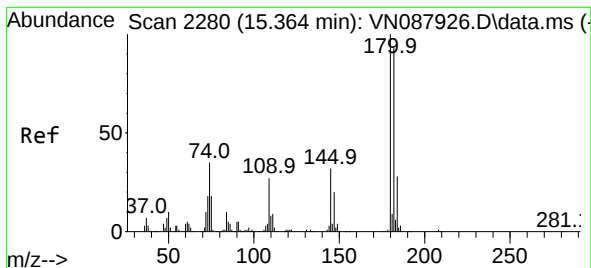
Ion Ratio Lower Upper

75 100

155 76.2 40.2 120.6

157 99.3 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 52.368 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

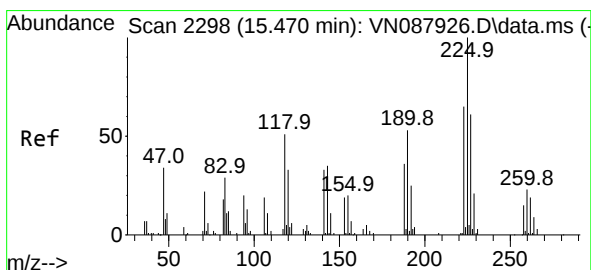
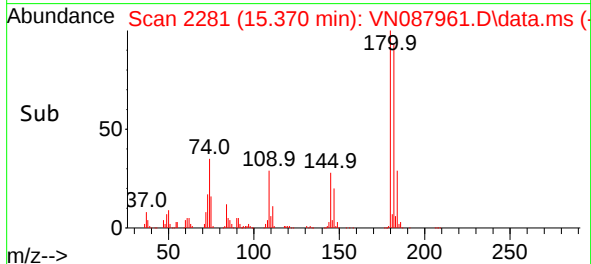
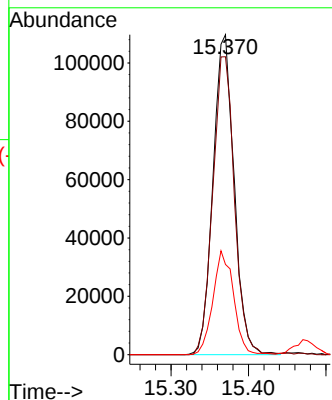
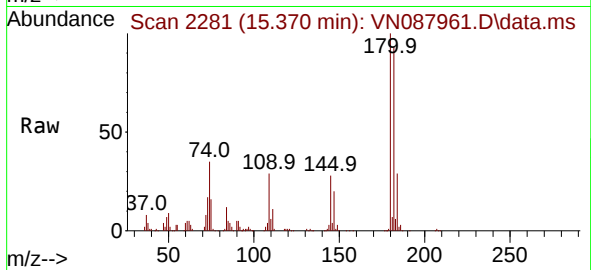
Tgt Ion:180 Resp: 207257

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.5

145 31.9 15.9 47.6



#94

Hexachlorobutadiene

Concen: 53.613 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

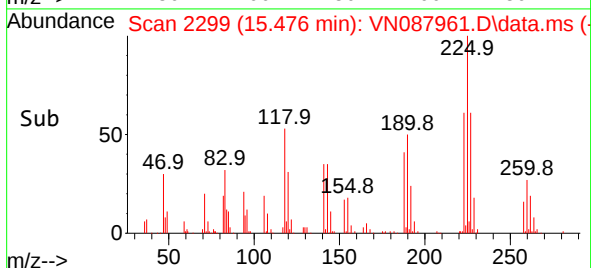
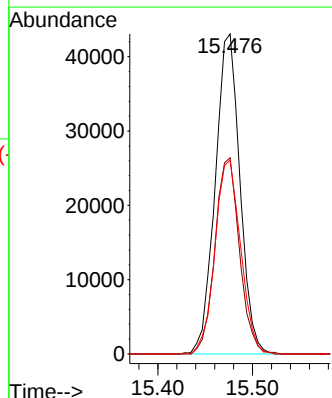
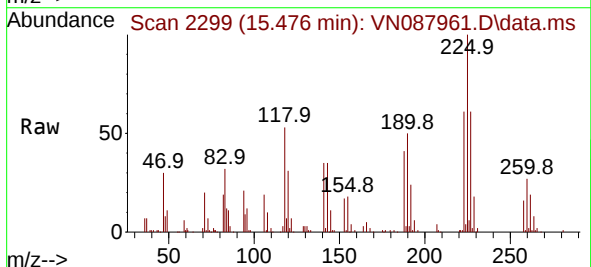
Tgt Ion:225 Resp: 78098

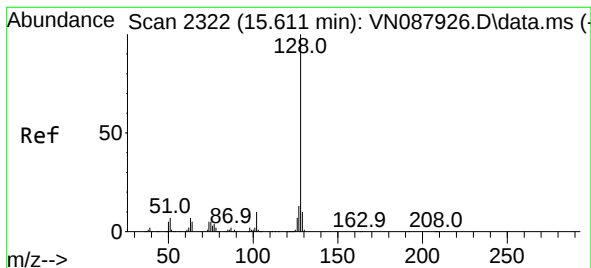
Ion Ratio Lower Upper

225 100

223 60.9 31.8 95.4

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 55.497 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

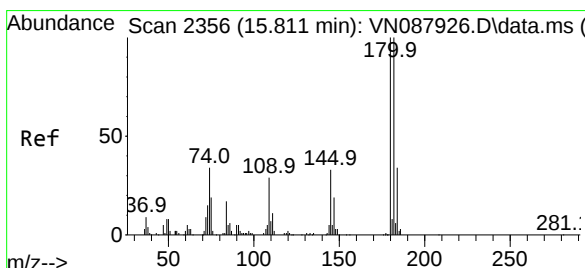
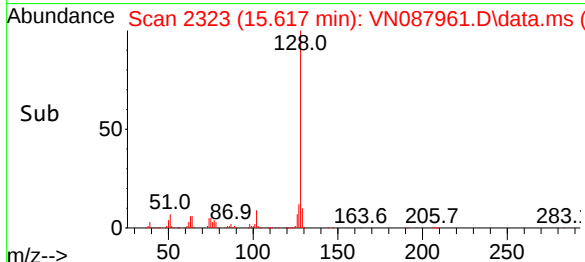
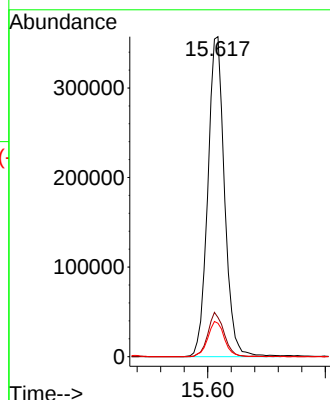
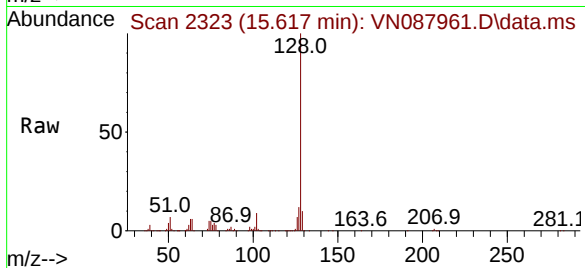
Tgt Ion:128 Resp: 705052

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.276 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087961.D

Acq: 26 Sep 2025 12:53

Tgt Ion:180 Resp: 204984

Ion Ratio Lower Upper

180 100

182 95.8 47.3 142.0

145 32.9 16.1 48.3

