

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087976.D
 Acq On : 29 Sep 2025 12:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 30 03:51:58 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	222575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	417957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	412483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	190280	50.799	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.600%
35) Dibromofluoromethane	8.153	113	144472	47.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	10.547	98	513109	48.082	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.829	95	183246	48.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	122259	47.431	ug/l	99
3) Chloromethane	2.383	50	134350	50.905	ug/l	100
4) Vinyl Chloride	2.536	62	134746	50.043	ug/l	94
5) Bromomethane	2.959	94	86315	51.708	ug/l	92
6) Chloroethane	3.130	64	95364	54.470	ug/l	97
7) Trichlorofluoromethane	3.506	101	226626	51.694	ug/l	100
8) Diethyl Ether	3.959	74	86786	52.400	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	117933	50.897	ug/l	99
10) Methyl Iodide	4.571	142	127211	61.001	ug/l #	94
11) Tert butyl alcohol	5.536	59	160004	296.567	ug/l	100
12) 1,1-Dichloroethene	4.336	96	122291	52.307	ug/l	93
13) Acrolein	4.177	56	192264	277.734	ug/l	96
14) Allyl chloride	5.012	41	191934	50.426	ug/l	95
15) Acrylonitrile	5.712	53	479220	283.170	ug/l	99
16) Acetone	4.424	43	397290	257.784	ug/l	92
17) Carbon Disulfide	4.700	76	341770	46.787	ug/l	96
18) Methyl Acetate	5.018	43	240925	62.465	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	495433	54.246	ug/l	96
20) Methylene Chloride	5.253	84	158078	50.674	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	144286	50.342	ug/l	94
22) Diisopropyl ether	6.659	45	495079	55.718	ug/l	96
23) Vinyl Acetate	6.594	43	1980867	264.770	ug/l	99
24) 1,1-Dichloroethane	6.547	63	272002	52.397	ug/l	99
25) 2-Butanone	7.471	43	671031	284.864	ug/l	99
26) 2,2-Dichloropropane	7.471	77	203028	44.020	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	176839	51.855	ug/l	99
28) Bromochloromethane	7.800	49	133764	47.427	ug/l	97
29) Tetrahydrofuran	7.830	42	440503	292.045	ug/l	99
30) Chloroform	7.947	83	303552	53.479	ug/l	98
31) Cyclohexane	8.241	56	200263	47.678	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	256632	53.508	ug/l	97
36) 1,1-Dichloropropene	8.353	75	184964	50.690	ug/l	97
37) Ethyl Acetate	7.547	43	260340	54.332	ug/l	98
38) Carbon Tetrachloride	8.341	117	208411	49.774	ug/l	97
39) Methylcyclohexane	9.582	83	192580	47.842	ug/l	94
40) Benzene	8.588	78	626304	51.839	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	136759	55.227	ug/l	99
42) 1,2-Dichloroethane	8.653	62	231256	51.291	ug/l	100
43) Isopropyl Acetate	8.677	43	403553	53.505	ug/l	99
44) Trichloroethene	9.335	130	143026	49.560	ug/l	93
45) 1,2-Dichloropropane	9.600	63	161428	53.284	ug/l	98
46) Dibromomethane	9.688	93	126563	52.943	ug/l	96
47) Bromodichloromethane	9.871	83	248561	53.012	ug/l	95
48) Methyl methacrylate	9.665	41	189051	54.126	ug/l	97
49) 1,4-Dioxane	9.688	88	62443	1210.147	ug/l #	82
51) 4-Methyl-2-Pentanone	10.423	43	1363570	289.726	ug/l	99
52) Toluene	10.612	92	398890	52.612	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	242737	50.584	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	252901	50.743	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	164820	53.466	ug/l	97
56) Ethyl methacrylate	10.859	69	253380	56.883	ug/l	94
57) 1,3-Dichloropropane	11.141	76	271109	53.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	706565	337.365	ug/l	98
59) 2-Hexanone	11.176	43	919964	295.620	ug/l	98
60) Dibromochloromethane	11.341	129	188558	52.023	ug/l	98
61) 1,2-Dibromoethane	11.447	107	172008	52.707	ug/l	99
64) Tetrachloroethene	11.082	164	121765	48.461	ug/l	96
65) Chlorobenzene	11.870	112	443168	50.487	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	161449	51.003	ug/l	97
67) Ethyl Benzene	11.941	91	736637	50.293	ug/l	98
68) m/p-Xylenes	12.053	106	580478	103.624	ug/l	100
69) o-Xylene	12.376	106	273874	50.888	ug/l	100
70) Styrene	12.388	104	489792	52.989	ug/l	99
71) Bromoform	12.559	173	136469	53.138	ug/l #	100
73) Isopropylbenzene	12.676	105	710303	50.561	ug/l	100
74) N-amyl acetate	12.506	43	101964	22.028	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.917	83	260431	51.451	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	331852	74.270	ug/l	60
77) Bromobenzene	12.959	156	190479	50.960	ug/l	97
78) n-propylbenzene	13.012	91	873432	49.728	ug/l	98
79) 2-Chlorotoluene	13.106	91	523153	48.917	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	623358	51.299	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	78392	48.718	ug/l	99
82) 4-Chlorotoluene	13.200	91	560511	52.013	ug/l	98
83) tert-Butylbenzene	13.417	119	522293	50.780	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	647417	51.943	ug/l	98
85) sec-Butylbenzene	13.594	105	759591	50.372	ug/l	98
86) p-Isopropyltoluene	13.706	119	640822	50.175	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	370068	50.735	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	378118	50.442	ug/l	96
89) n-Butylbenzene	14.035	91	603893	50.033	ug/l	99
90) Hexachloroethane	14.311	117	129537	48.555	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	354388	50.405	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	60895	51.776	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	206986	49.861	ug/l	97
94) Hexachlorobutadiene	15.470	225	75705	49.547	ug/l	99
95) Naphthalene	15.611	128	705336	52.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	198006	49.063	ug/l	98

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

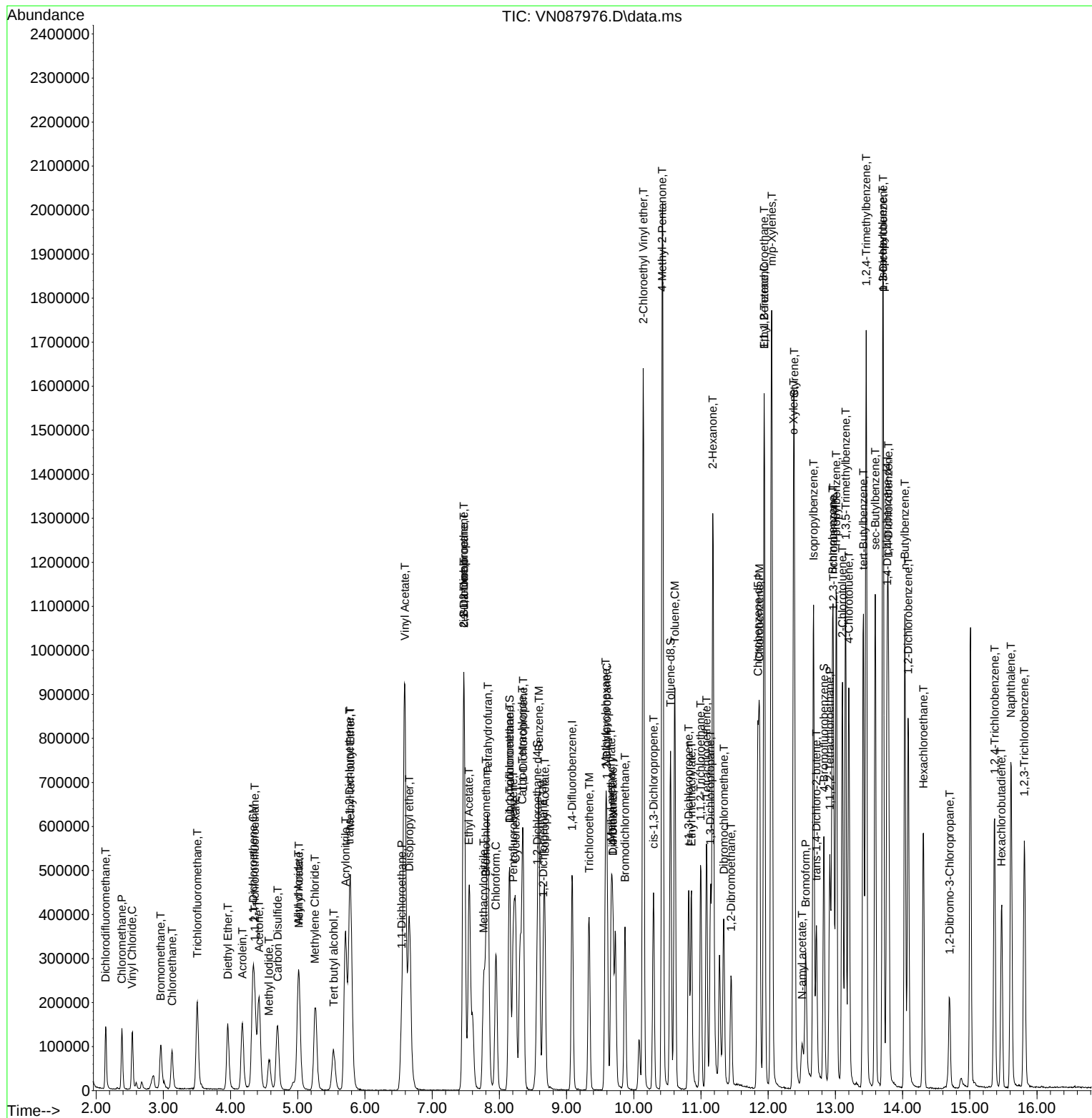
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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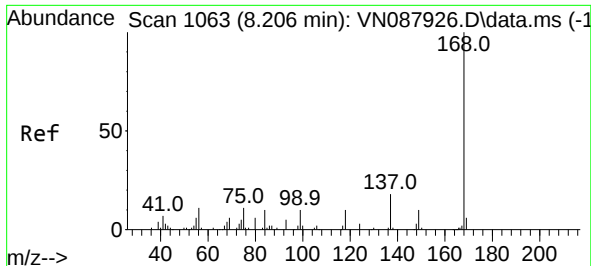
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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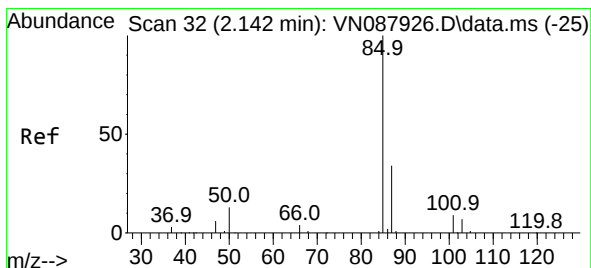
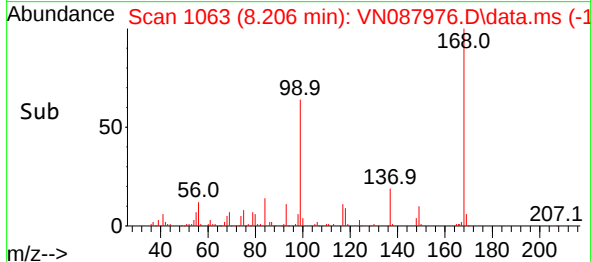
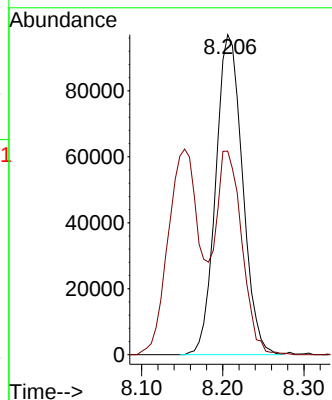
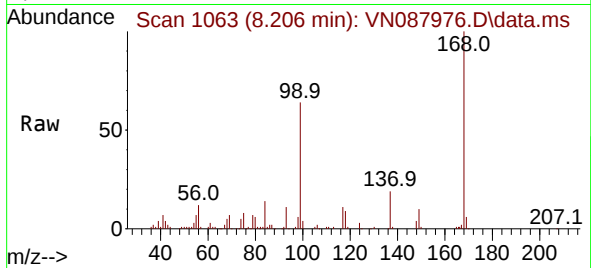




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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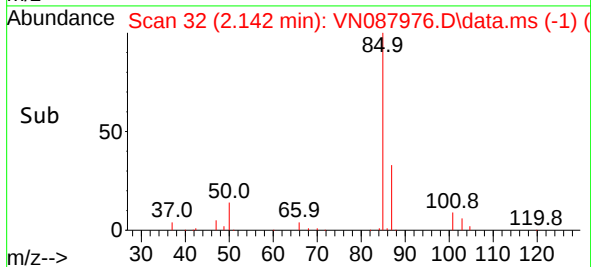
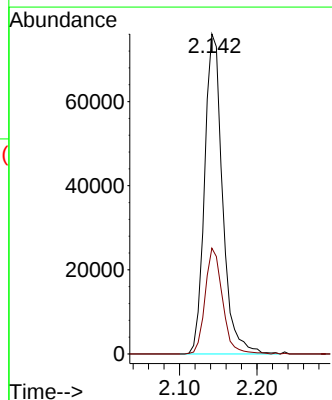
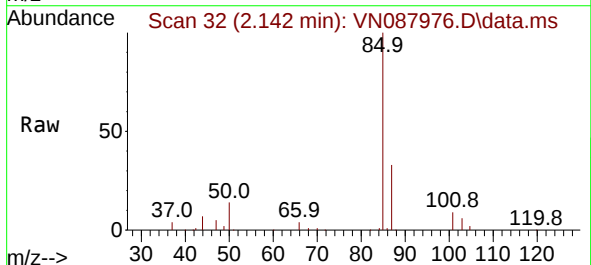
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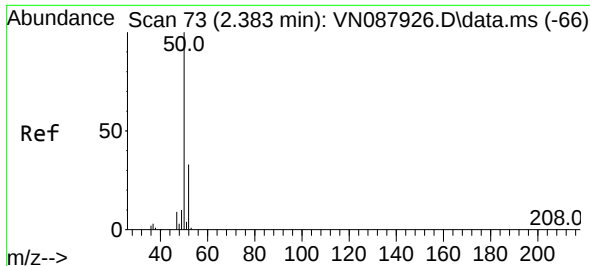
Tgt Ion:168 Resp: 222575
Ion Ratio Lower Upper
168 100
99 63.1 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 47.431 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 85 Resp: 122259
Ion Ratio Lower Upper
85 100
87 33.1 16.9 50.6

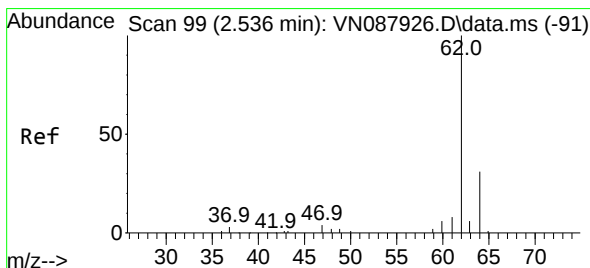
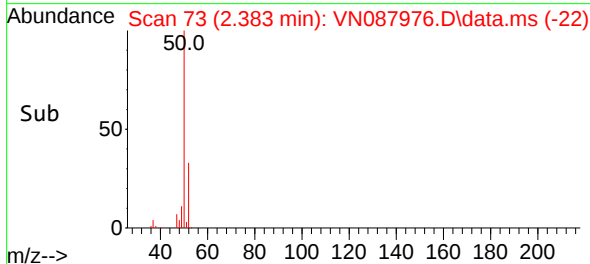
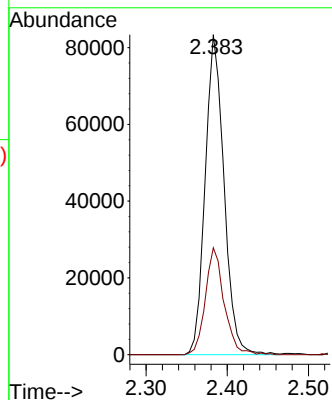
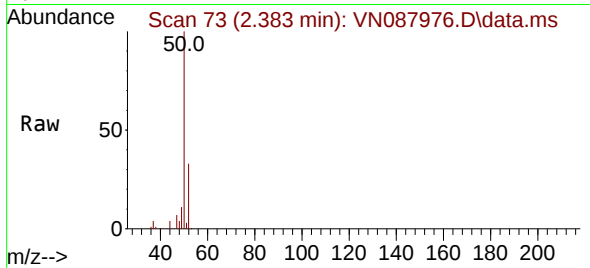




#3
Chloromethane
Concen: 50.905 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

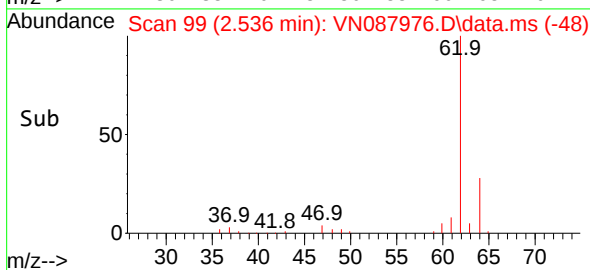
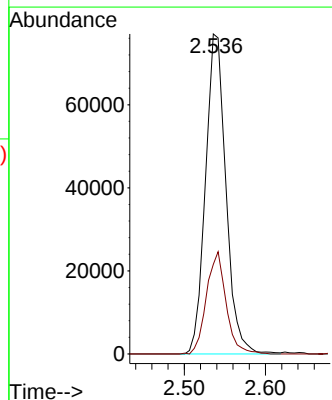
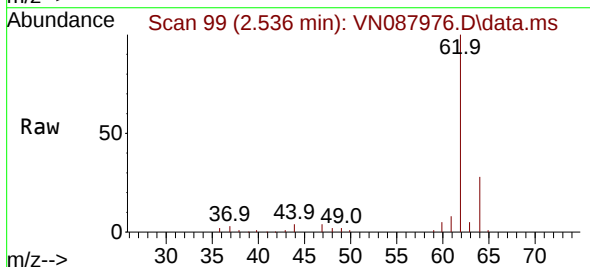
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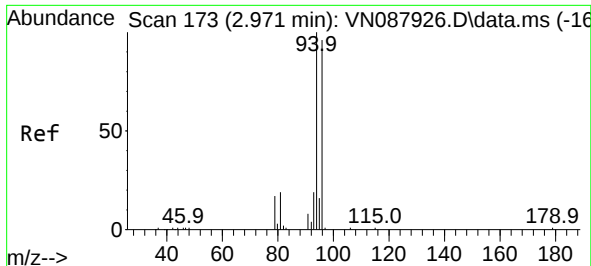
Tgt Ion: 50 Resp: 134350
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 50.043 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 62 Resp: 134746
Ion Ratio Lower Upper
62 100
64 28.0 25.2 37.8

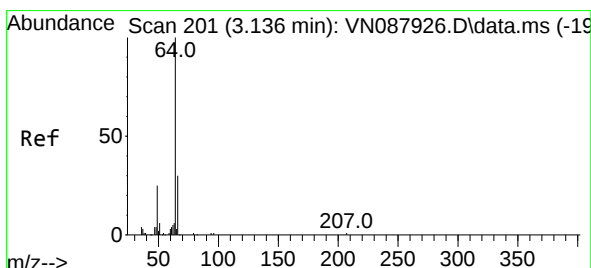
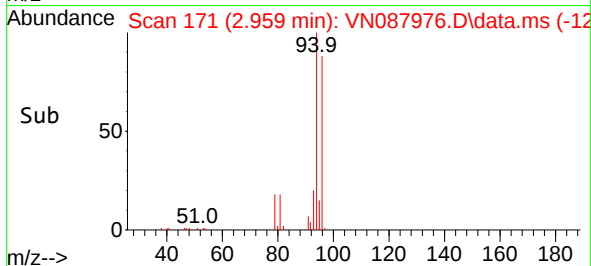
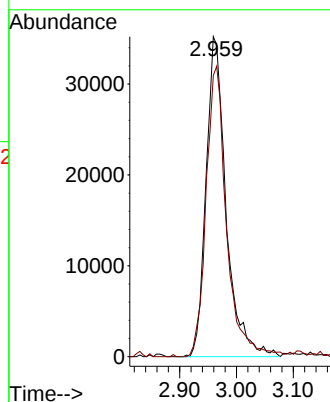
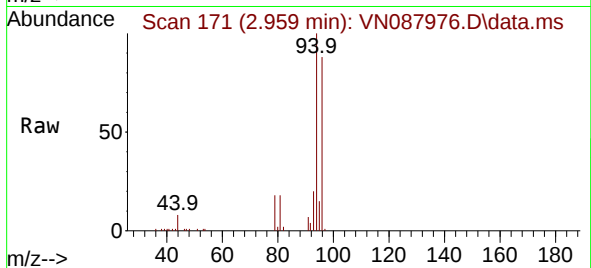




#5
Bromomethane
Concen: 51.708 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087976.D
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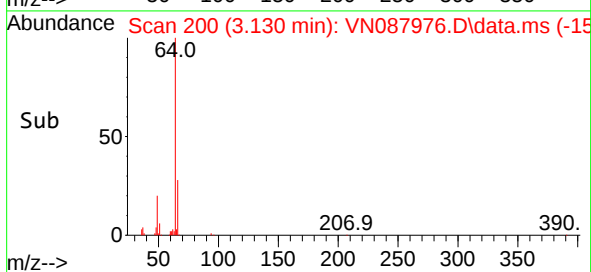
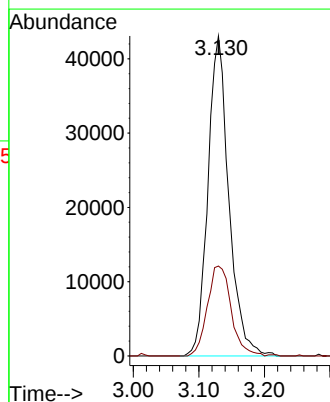
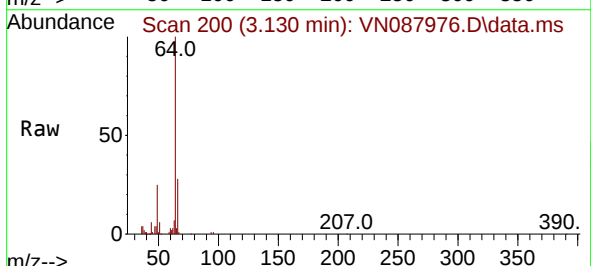
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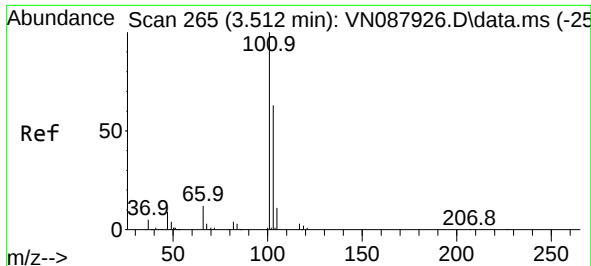
Tgt Ion: 94 Resp: 86315
Ion Ratio Lower Upper
94 100
96 87.9 76.8 115.2



#6
Chloroethane
Concen: 54.470 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087976.D
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Tgt Ion: 64 Resp: 95364
Ion Ratio Lower Upper
64 100
66 28.1 23.8 35.8

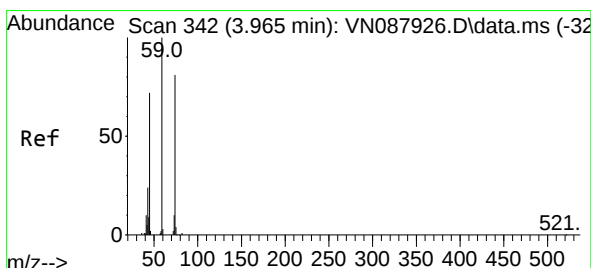
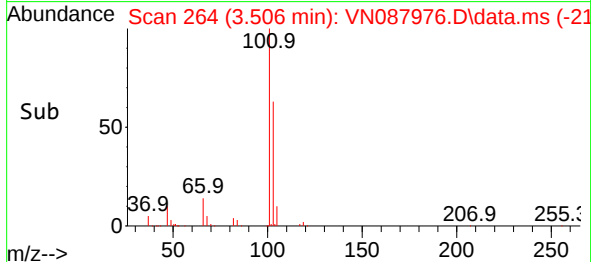
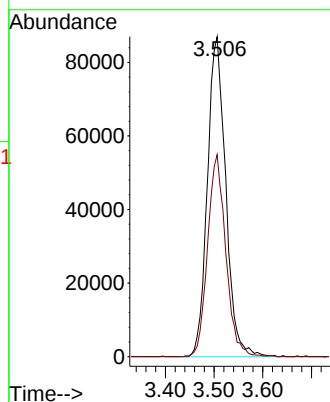
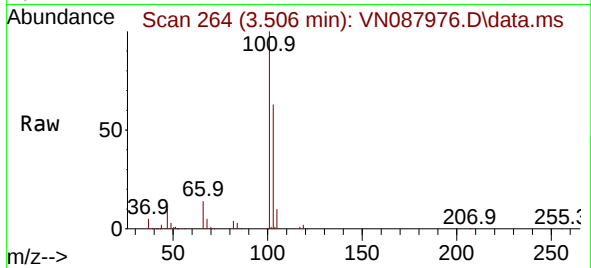




#7
 Trichlorofluoromethane
 Concen: 51.694 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

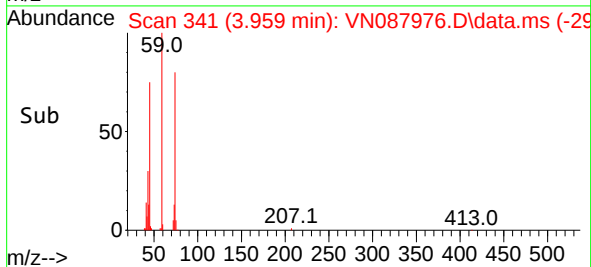
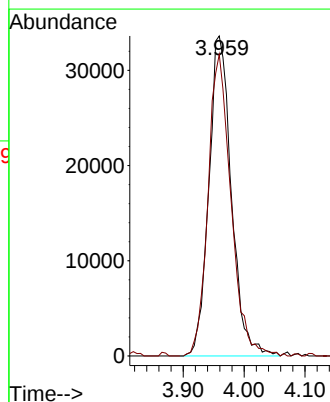
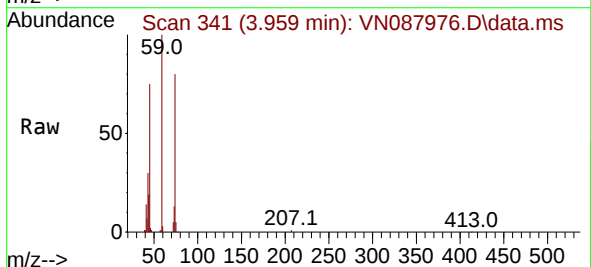
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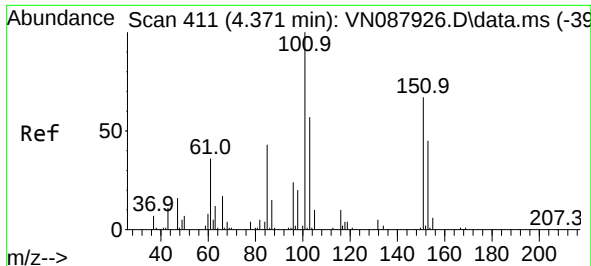
Tgt Ion:101 Resp: 226626
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 52.400 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

Tgt Ion: 74 Resp: 86786
 Ion Ratio Lower Upper
 74 100
 45 95.7 45.4 136.1

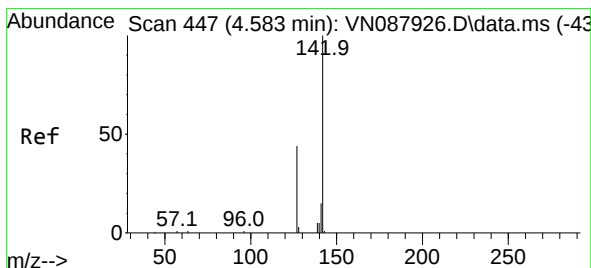
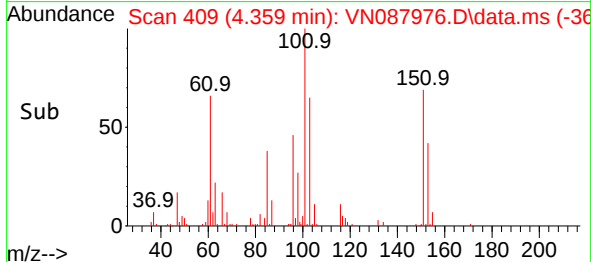
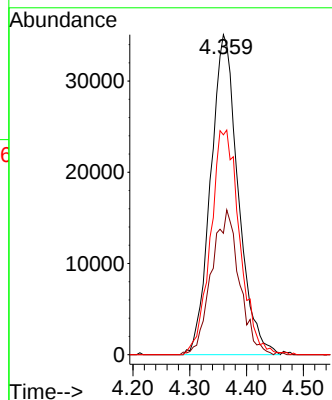
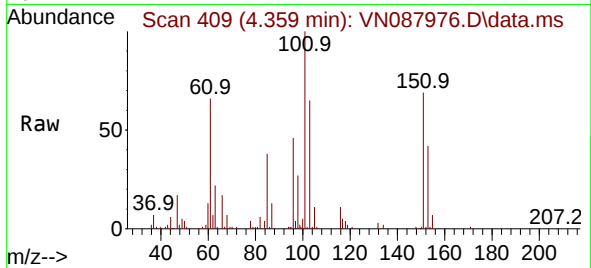




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.897 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

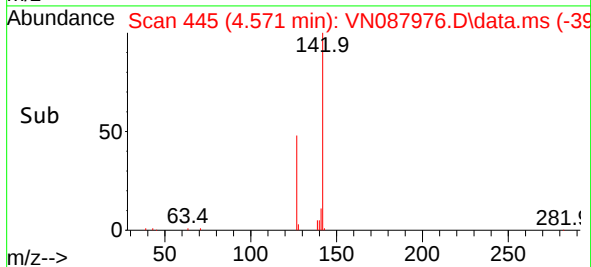
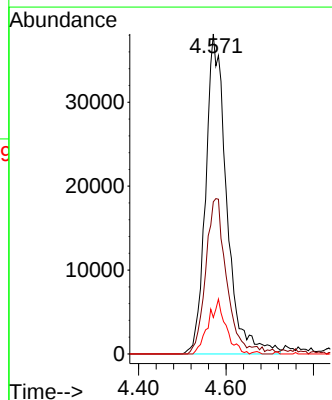
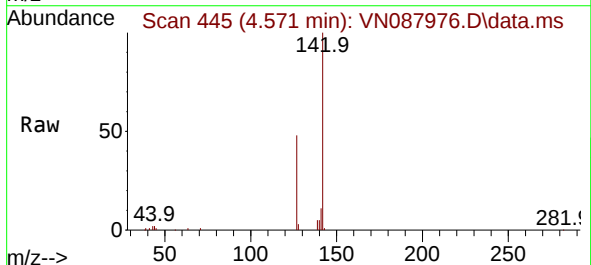
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

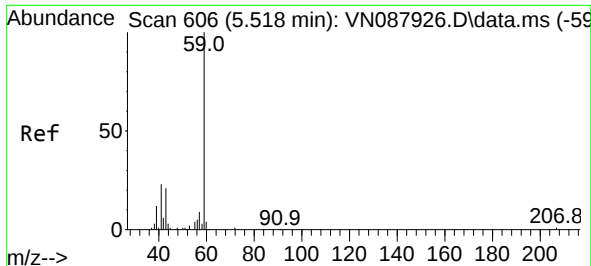
Tgt Ion:101 Resp: 117933
Ion Ratio Lower Upper
101 100
85 45.9 36.5 54.7
151 74.2 58.6 87.8



#10
Methyl Iodide
Concen: 61.001 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.012 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion:142 Resp: 127211
Ion Ratio Lower Upper
142 100
127 47.6 35.3 52.9
141 11.4 11.8 17.8#

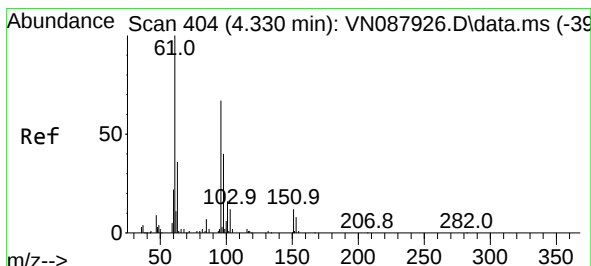
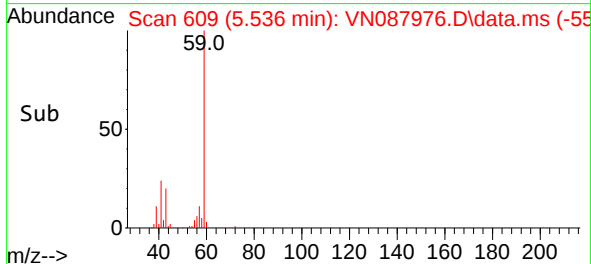
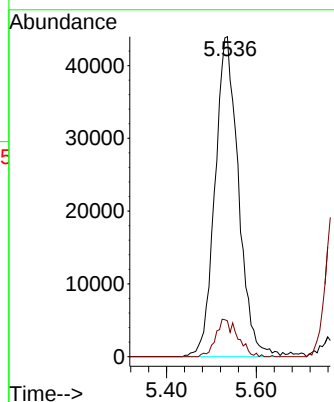
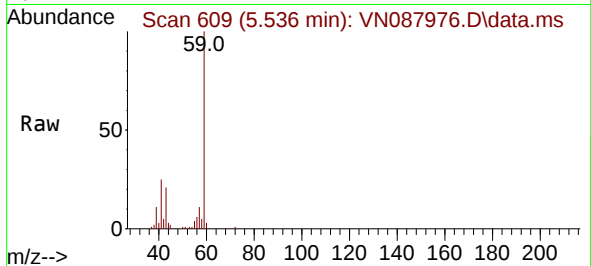




#11
Tert butyl alcohol
Concen: 296.567 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.018 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

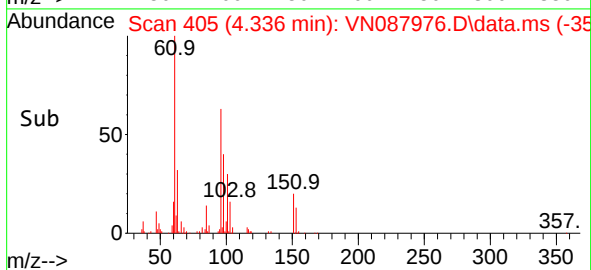
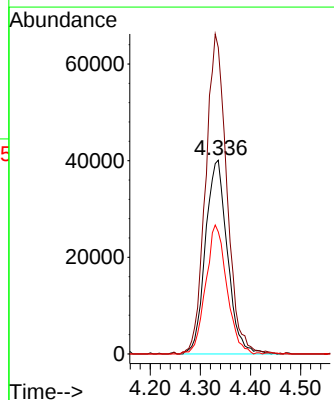
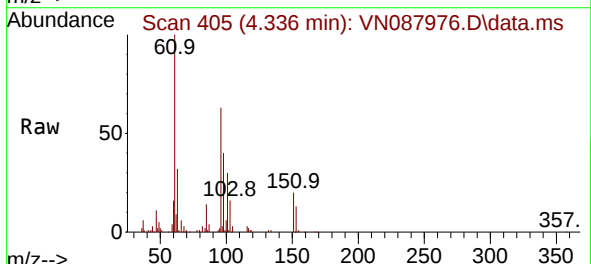
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

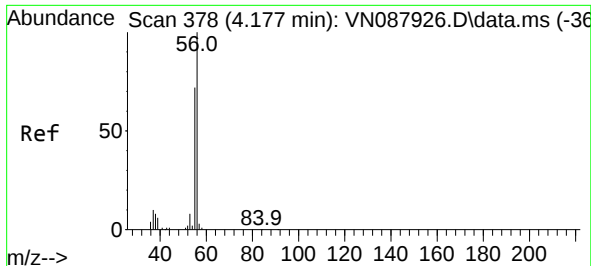
Tgt Ion: 59 Resp: 160004
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 52.307 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 96 Resp: 122291
Ion Ratio Lower Upper
96 100
61 158.2 119.2 178.8
98 63.1 47.5 71.3





#13

Acrolein

Concen: 277.734 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

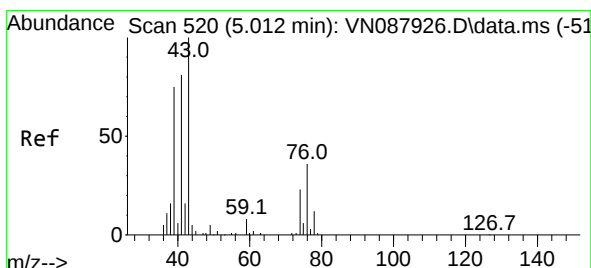
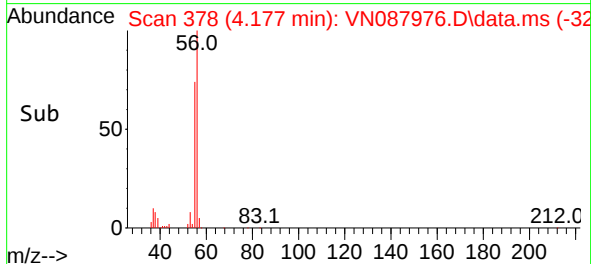
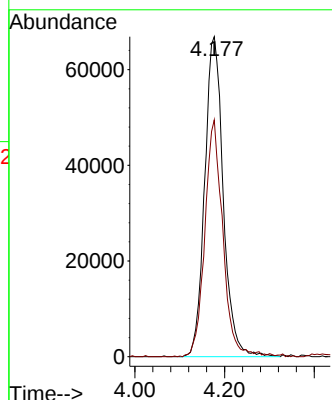
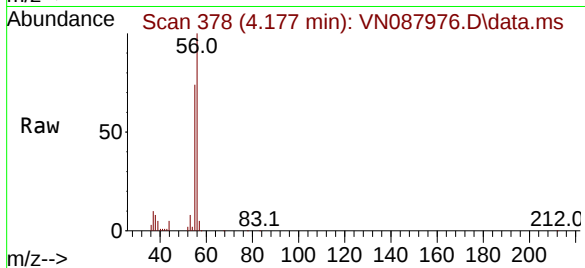
VSTDCCC050

Tgt Ion: 56 Resp: 192264

Ion Ratio Lower Upper

56 100

55 71.0 59.3 88.9



#14

Allyl chloride

Concen: 50.426 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

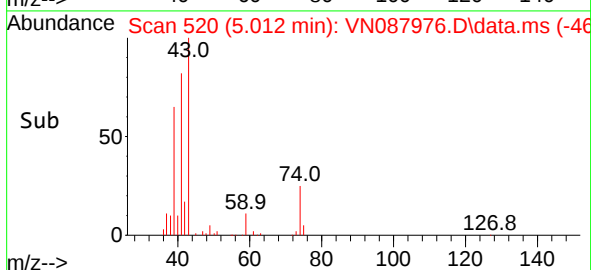
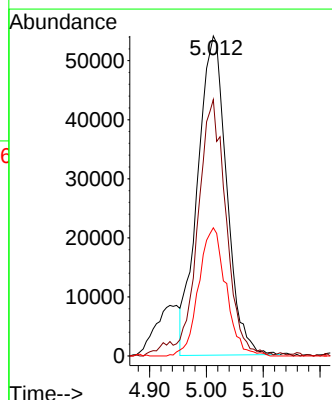
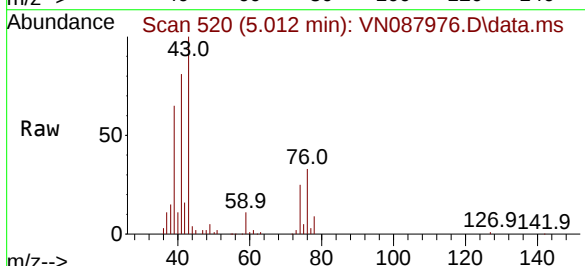
Tgt Ion: 41 Resp: 191934

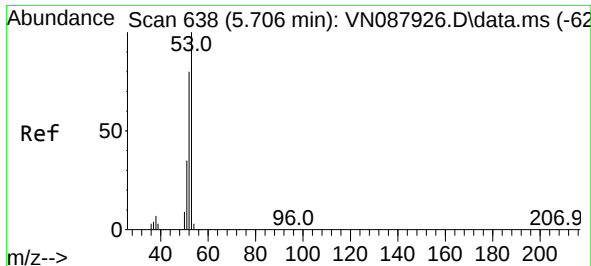
Ion Ratio Lower Upper

41 100

39 76.3 63.8 95.8

76 37.8 33.0 49.6

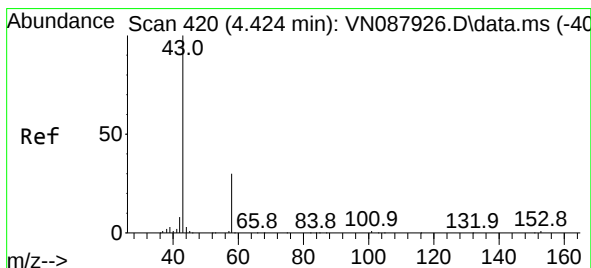
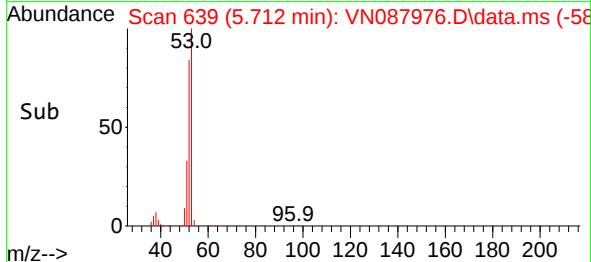
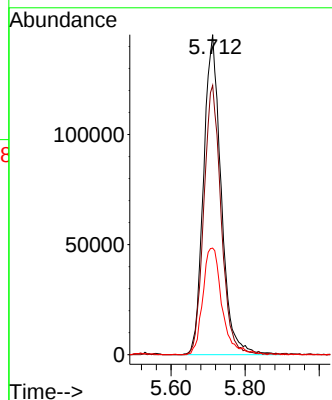
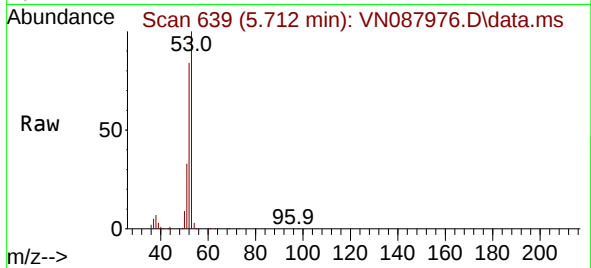




#15
Acrylonitrile
Concen: 283.170 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

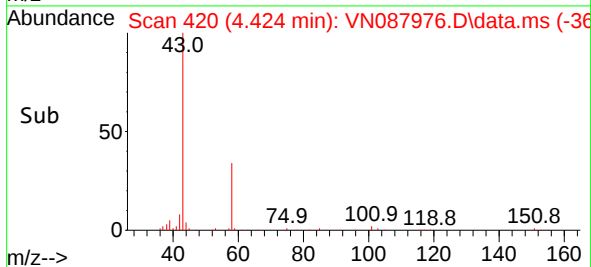
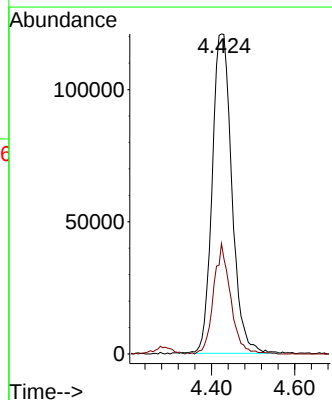
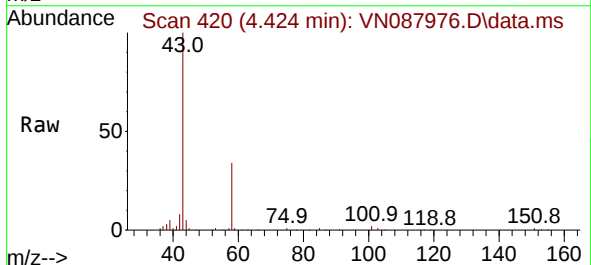
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

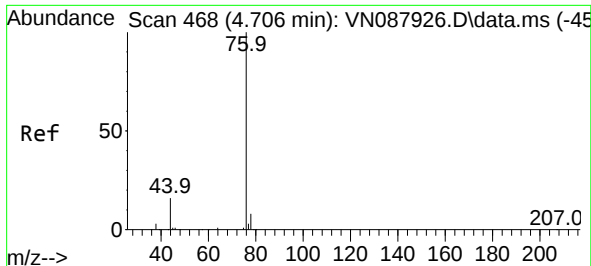
Tgt Ion: 53 Resp: 479220
Ion Ratio Lower Upper
53 100
52 82.5 66.6 99.8
51 35.9 29.0 43.4



#16
Acetone
Concen: 257.784 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 43 Resp: 397290
Ion Ratio Lower Upper
43 100
58 34.6 24.1 36.1

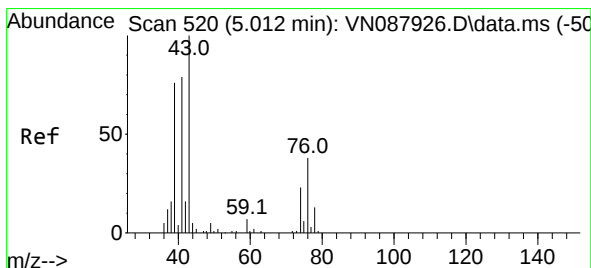
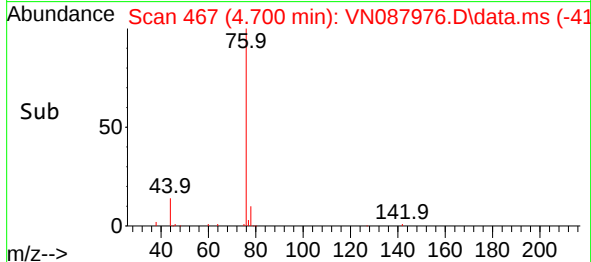
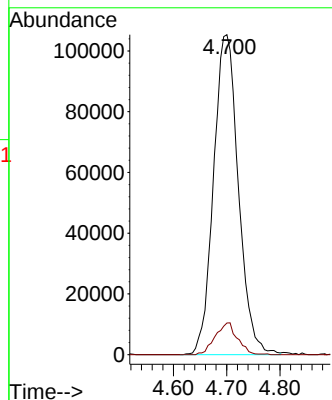
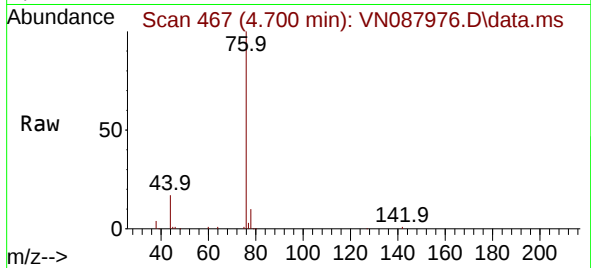




#17
Carbon Disulfide
Concen: 46.787 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

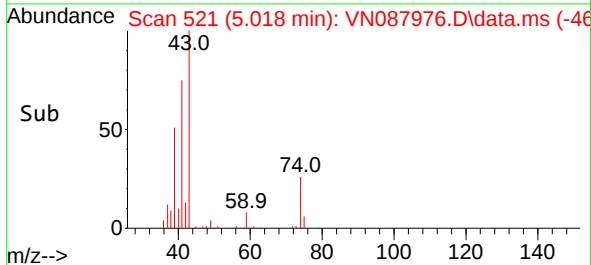
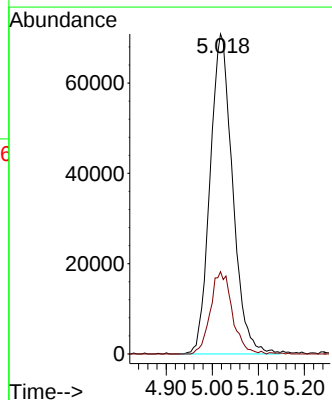
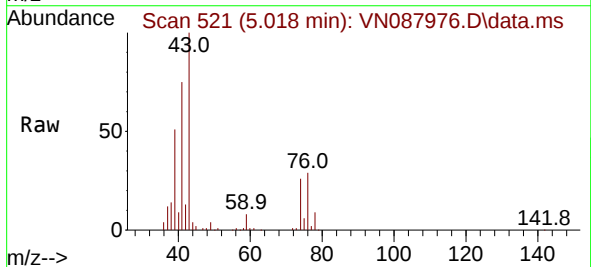
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

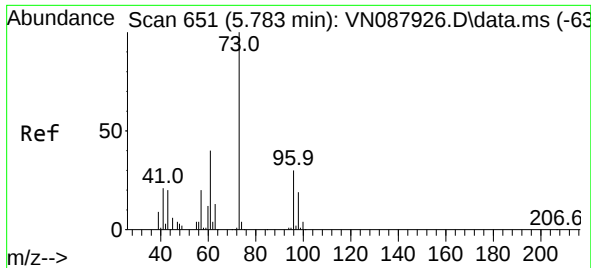
Tgt Ion: 76 Resp: 341770
Ion Ratio Lower Upper
76 100
78 9.9 6.7 10.1



#18
Methyl Acetate
Concen: 62.465 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 43 Resp: 240925
Ion Ratio Lower Upper
43 100
74 24.9 19.7 29.5

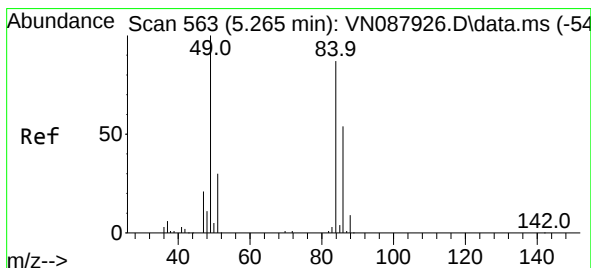
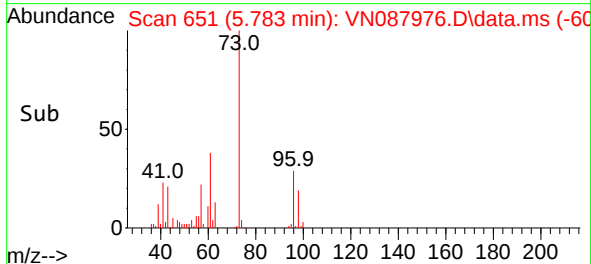
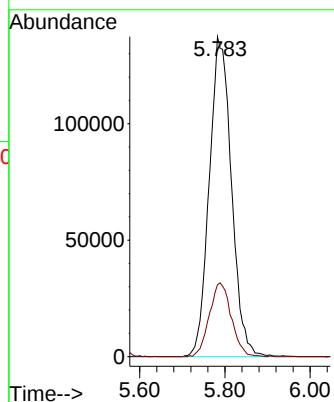
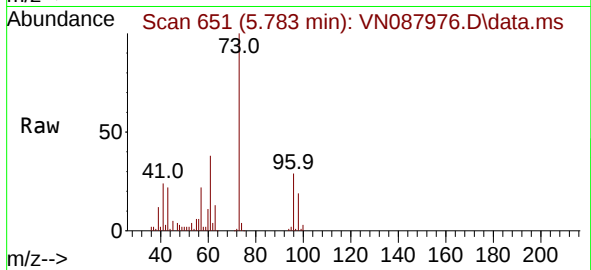




#19
Methyl tert-butyl Ether
Concen: 54.246 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

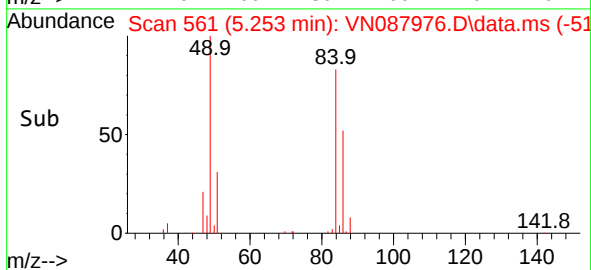
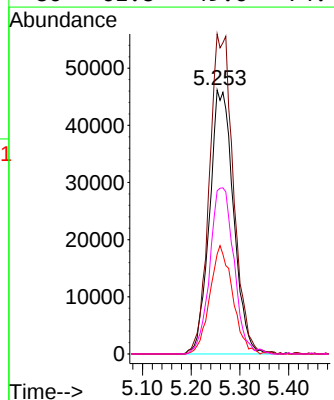
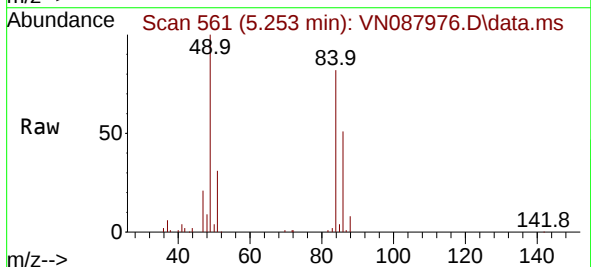
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

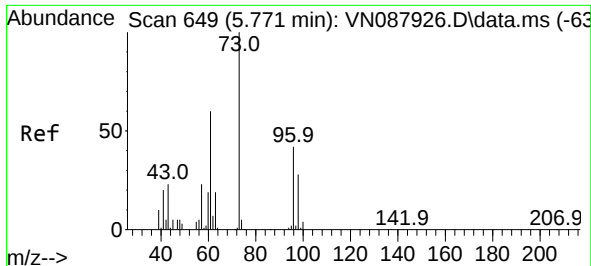
Tgt Ion: 73 Resp: 495433
Ion Ratio Lower Upper
73 100
57 22.4 16.3 24.5



#20
Methylene Chloride
Concen: 50.674 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 84 Resp: 158078
Ion Ratio Lower Upper
84 100
49 121.2 92.1 138.1
51 37.8 27.7 41.5
86 61.8 49.6 74.4

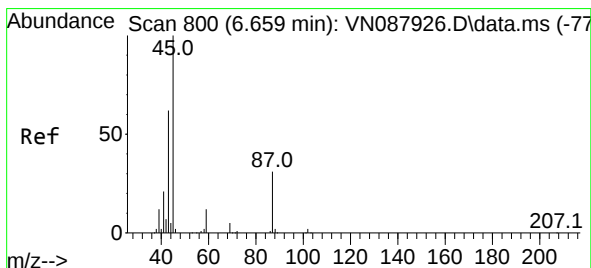
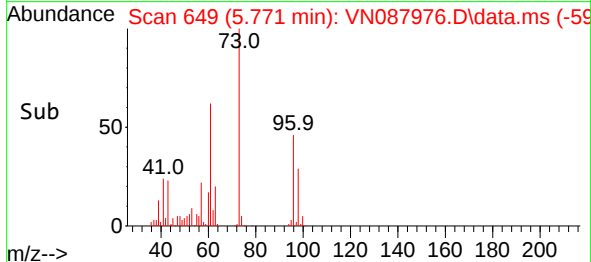
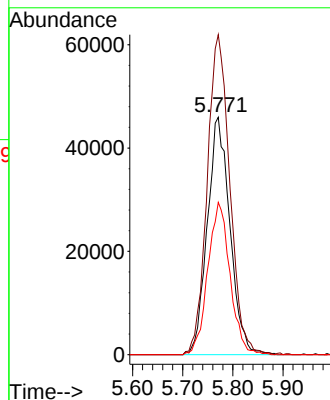
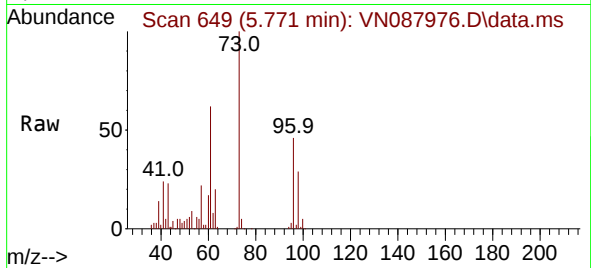




#21
trans-1,2-Dichloroethene
Concen: 50.342 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

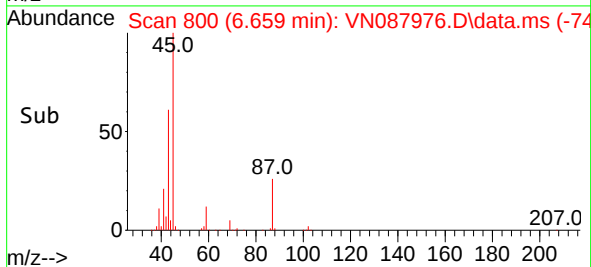
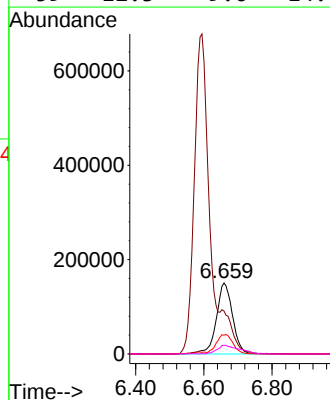
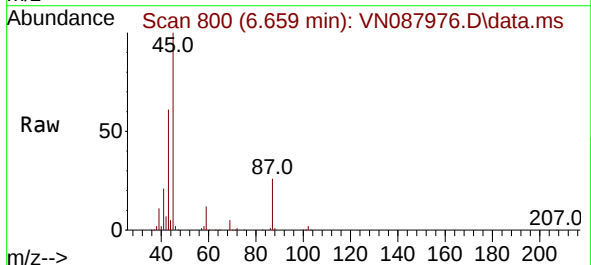
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

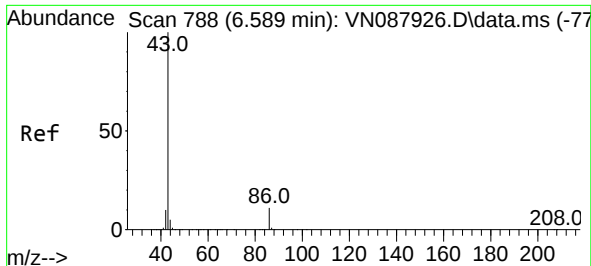
Tgt Ion: 96 Resp: 144286
Ion Ratio Lower Upper
96 100
61 134.7 114.4 171.6
98 64.1 53.6 80.4



#22
Diisopropyl ether
Concen: 55.718 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 45 Resp: 495079
Ion Ratio Lower Upper
45 100
43 60.3 49.9 74.9
87 26.5 25.2 37.8
59 12.3 9.6 14.4

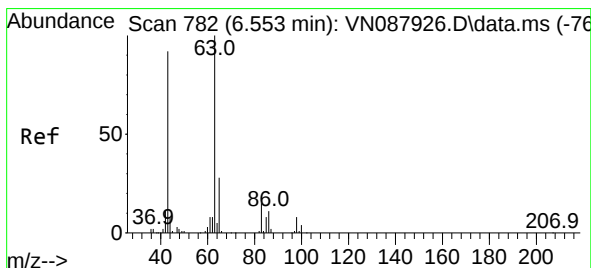
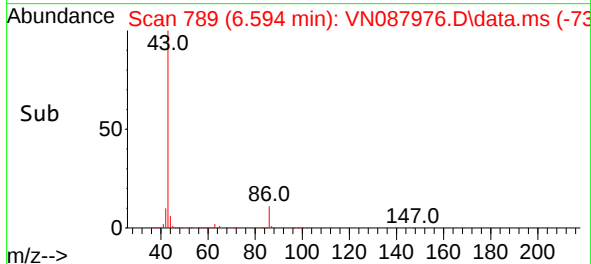
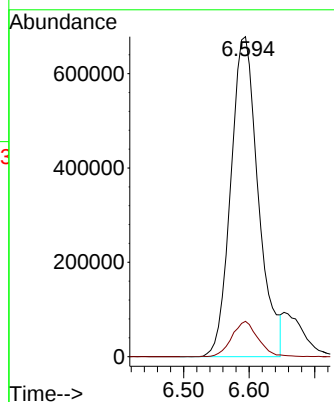
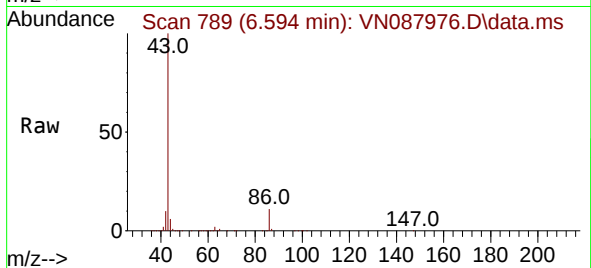




#23
 Vinyl Acetate
 Concen: 264.770 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

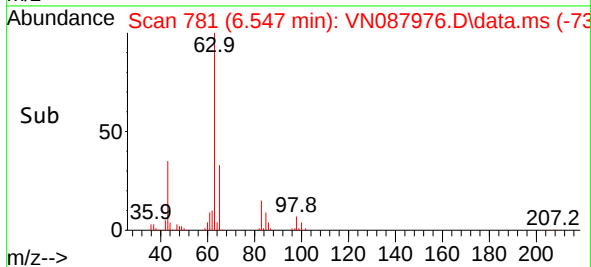
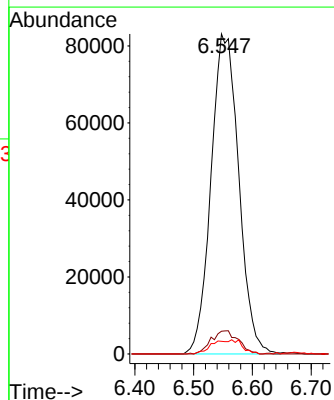
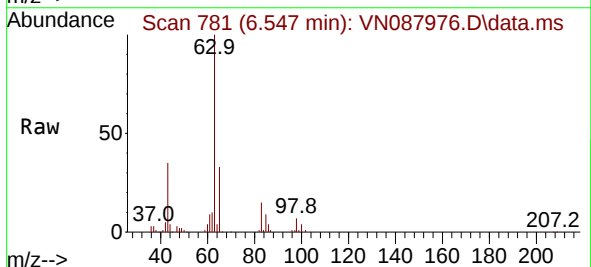
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

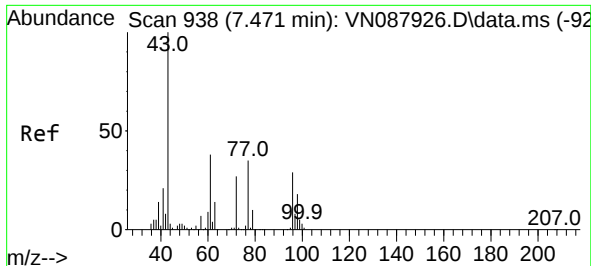
Tgt Ion: 43 Resp: 1980867
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 52.397 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

Tgt Ion: 63 Resp: 272002
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.0 2.1 6.5

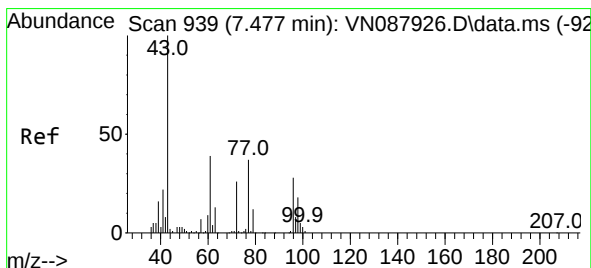
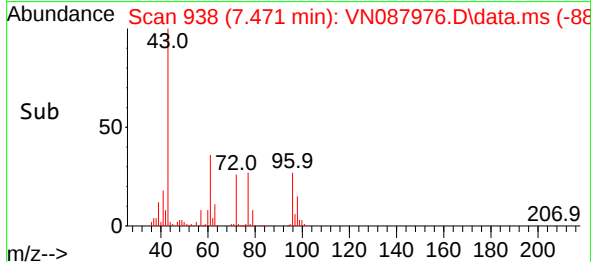
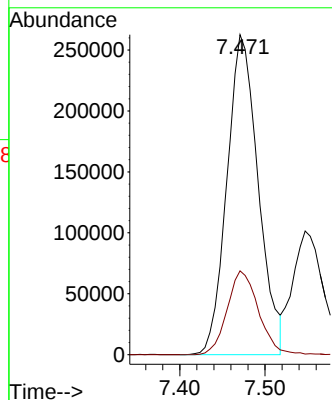
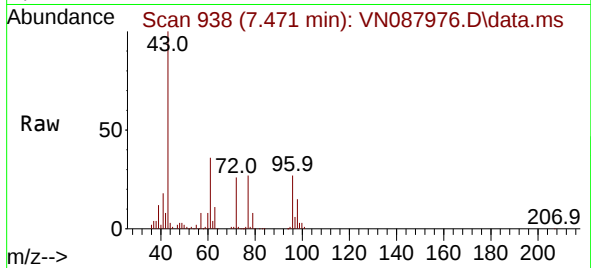




#25
2-Butanone
Concen: 284.864 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

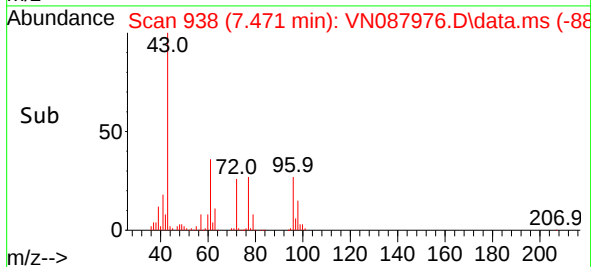
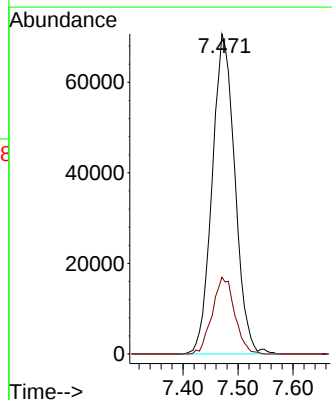
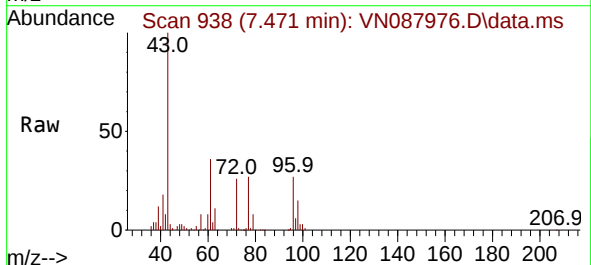
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

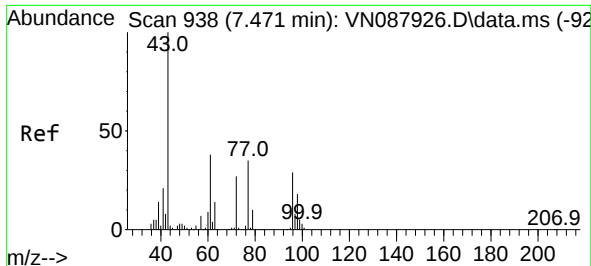
Tgt Ion: 43 Resp: 671031
Ion Ratio Lower Upper
43 100
72 26.2 21.5 32.3



#26
2,2-Dichloropropane
Concen: 44.020 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 77 Resp: 203028
Ion Ratio Lower Upper
77 100
97 23.6 11.5 34.5

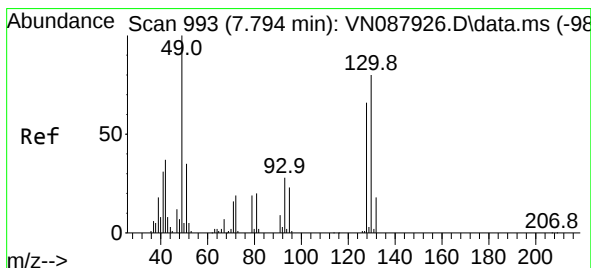
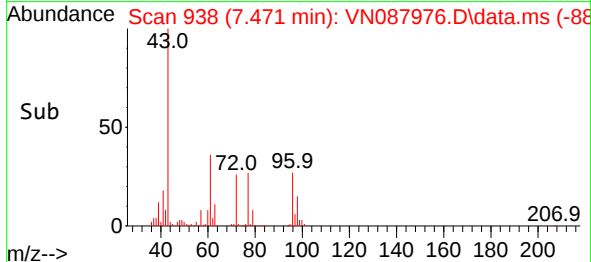
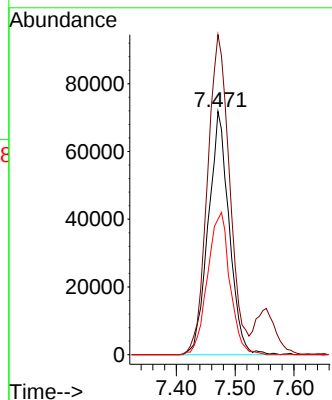
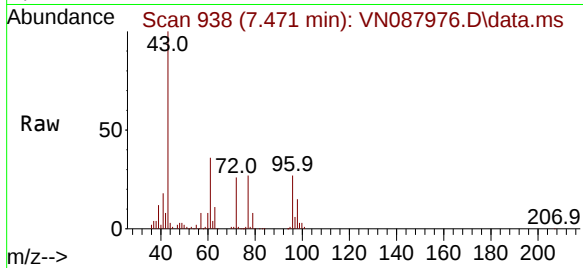




#27
 cis-1,2-Dichloroethene
 Concen: 51.855 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

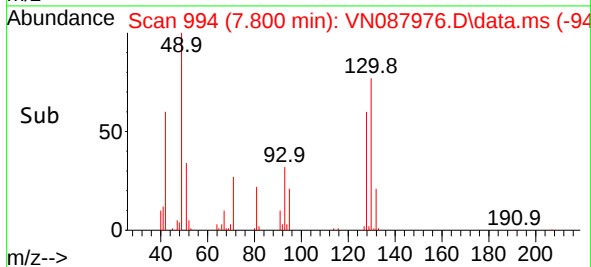
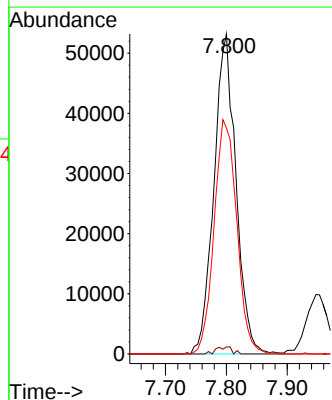
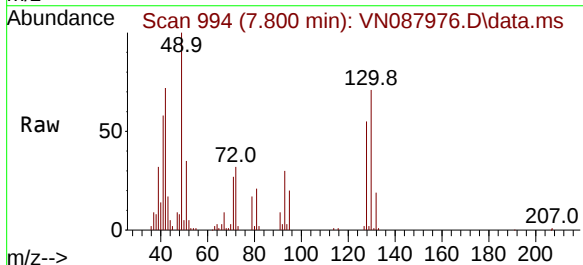
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

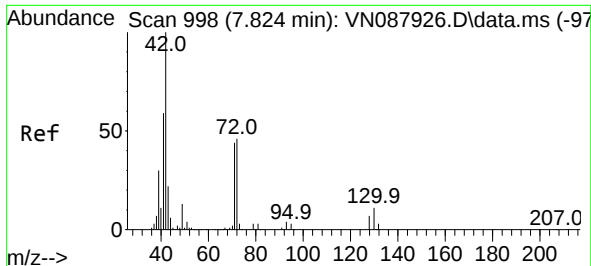
Tgt Ion: 96 Resp: 176839
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 283.0
 98 62.6 0.0 127.6



#28
 Bromochloromethane
 Concen: 47.427 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

Tgt Ion: 49 Resp: 133764
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 5.4
 130 75.3 62.6 94.0





#29

Tetrahydrofuran

Concen: 292.045 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

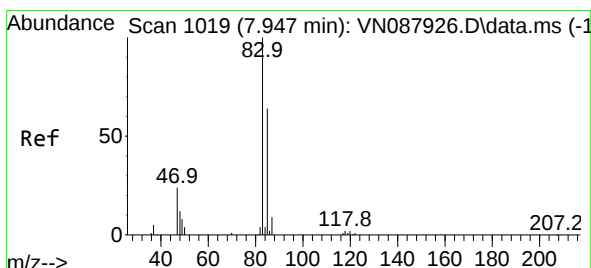
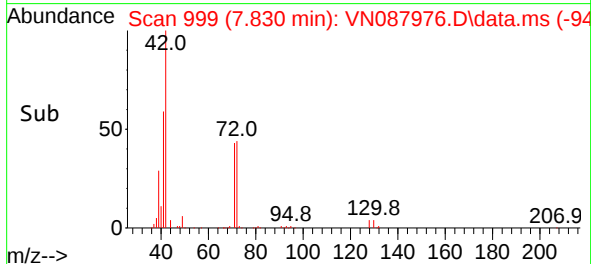
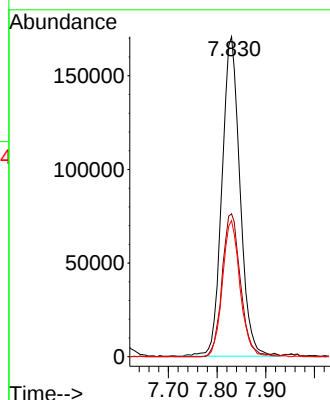
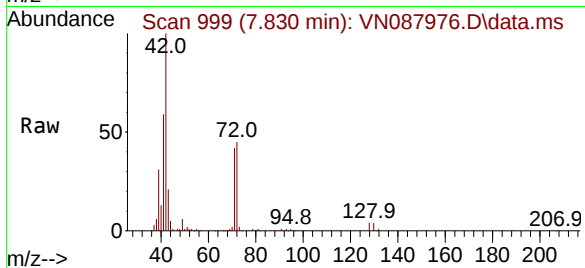
Tgt Ion: 42 Resp: 440503

Ion Ratio Lower Upper

42 100

72 45.5 36.5 54.7

71 41.6 33.8 50.8



#30

Chloroform

Concen: 53.479 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087976.D

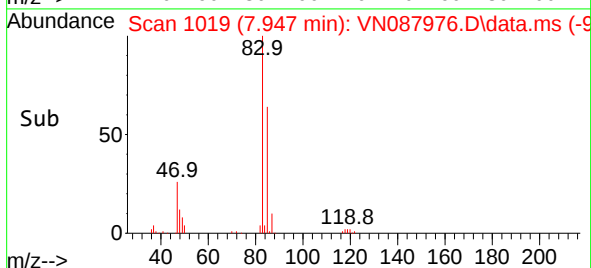
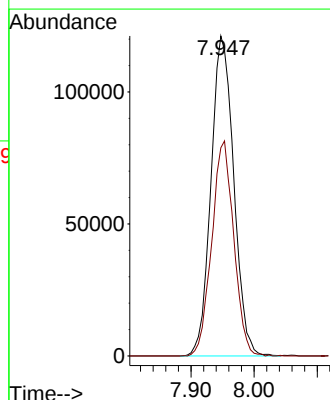
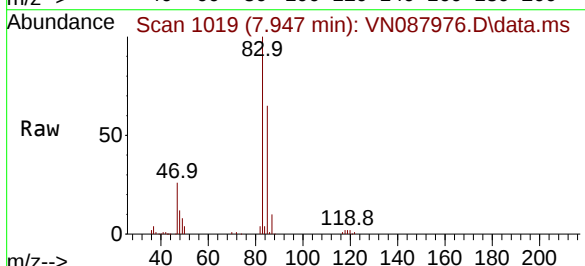
Acq: 29 Sep 2025 12:35

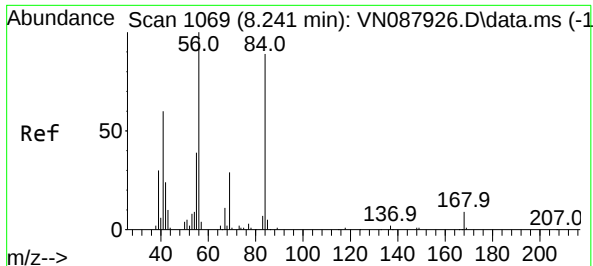
Tgt Ion: 83 Resp: 303552

Ion Ratio Lower Upper

83 100

85 65.1 50.9 76.3

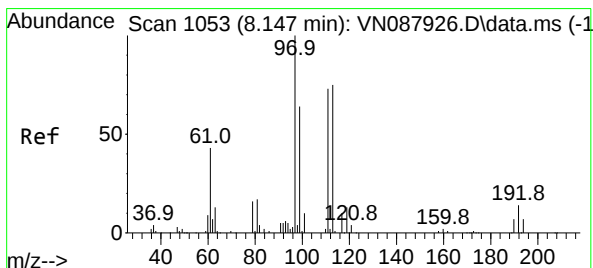
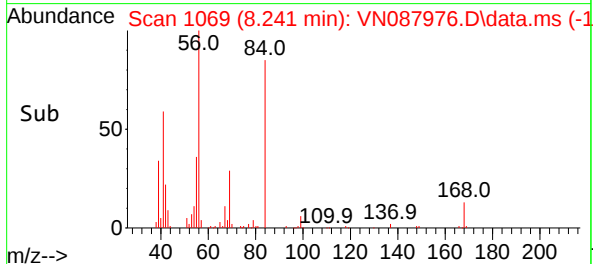
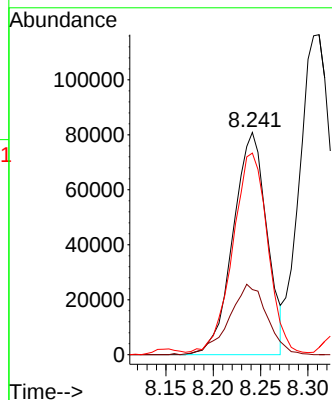
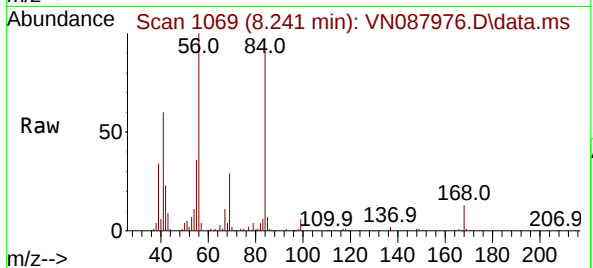




#31
Cyclohexane
Concen: 47.678 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

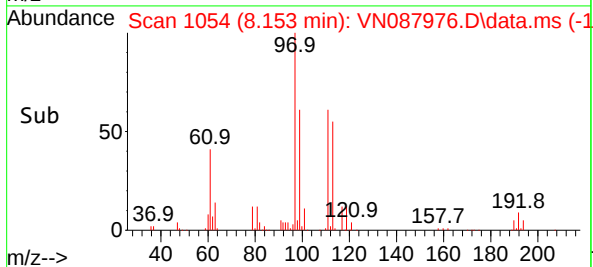
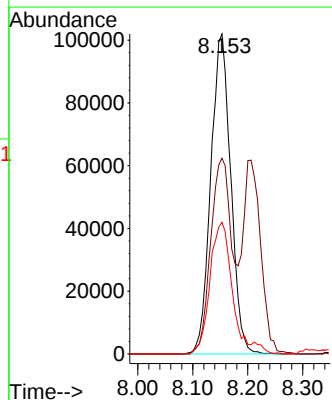
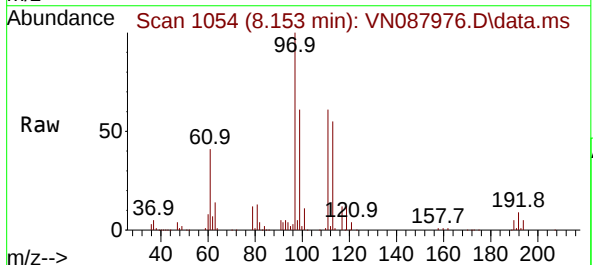
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

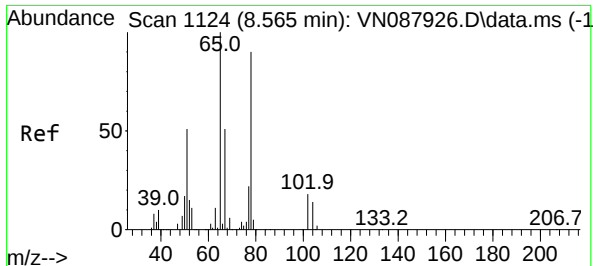
Tgt Ion: 56 Resp: 200263
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.0
84 89.1 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 53.508 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 97 Resp: 256632
Ion Ratio Lower Upper
97 100
99 65.6 51.1 76.7
61 44.9 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 50.799 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

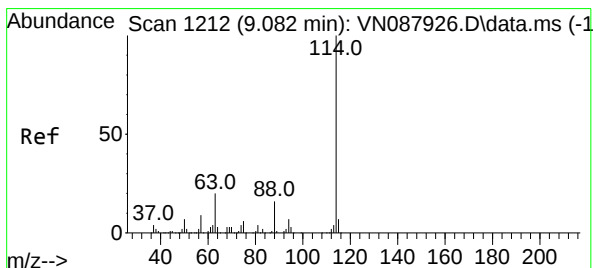
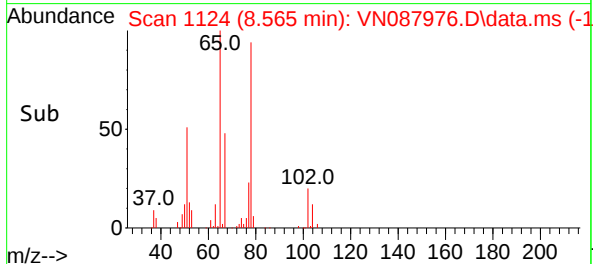
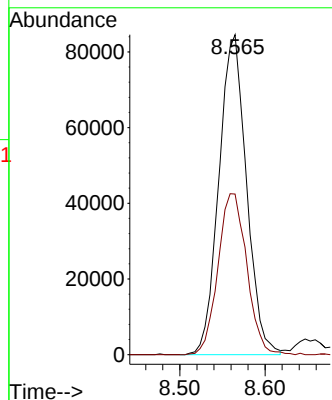
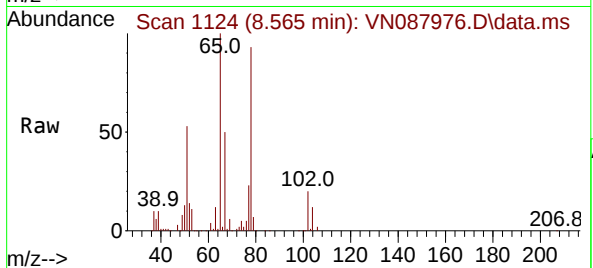
VSTDCCC050

Tgt Ion: 65 Resp: 190280

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: VN087976.D

Acq: 29 Sep 2025 12:35

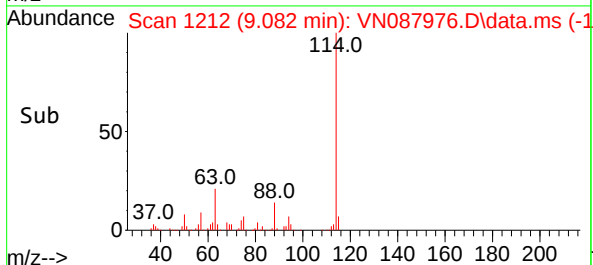
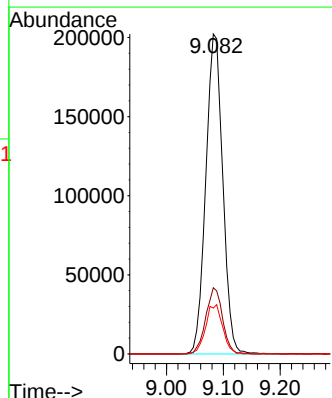
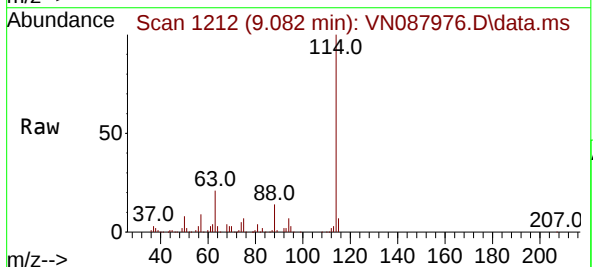
Tgt Ion: 114 Resp: 417957

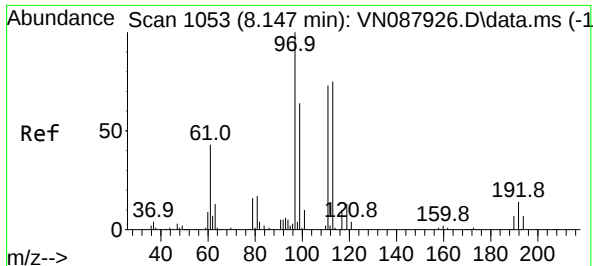
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.608 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

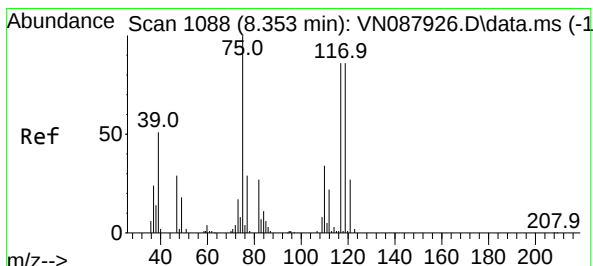
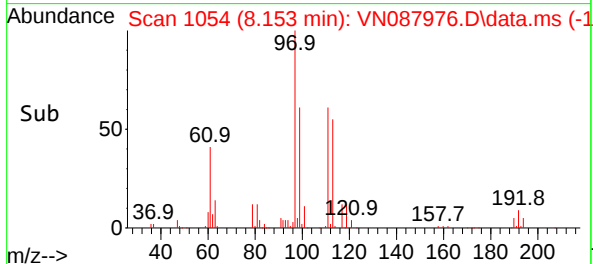
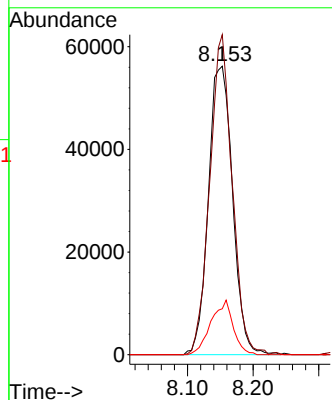
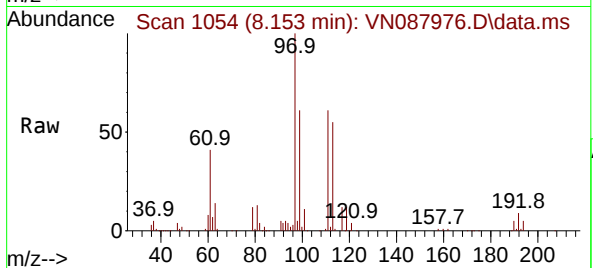
Tgt Ion:113 Resp: 144472

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 17.3 14.2 21.2



#36

1,1-Dichloropropene

Concen: 50.690 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

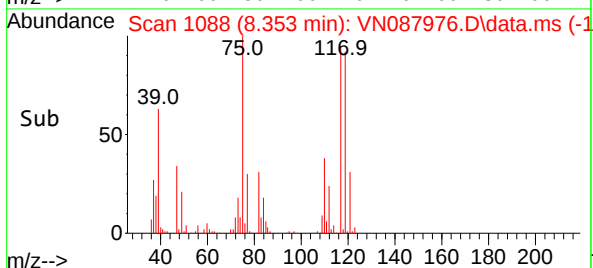
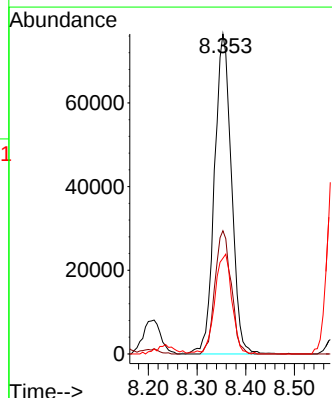
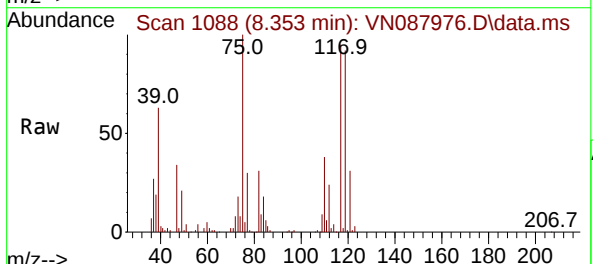
Tgt Ion: 75 Resp: 184964

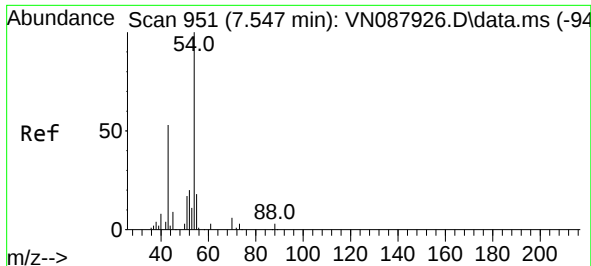
Ion Ratio Lower Upper

75 100

110 36.9 17.1 51.3

77 31.5 24.8 37.2

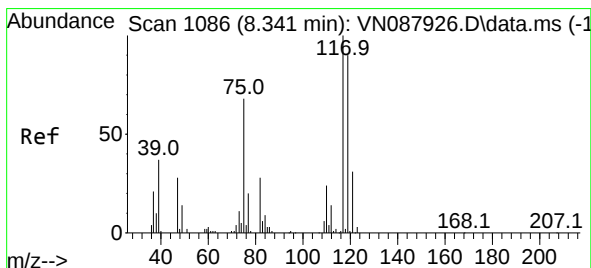
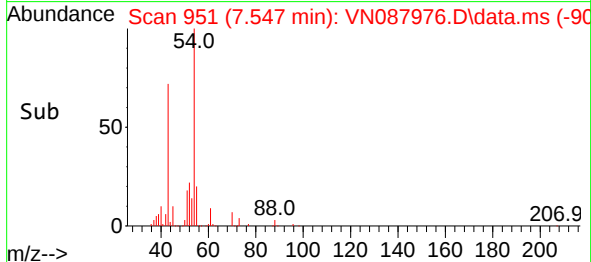
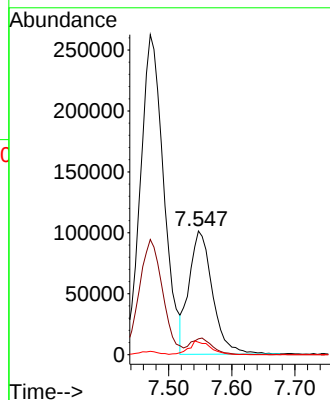
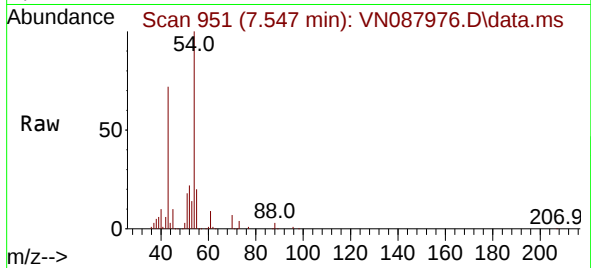




#37
Ethyl Acetate
Concen: 54.332 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

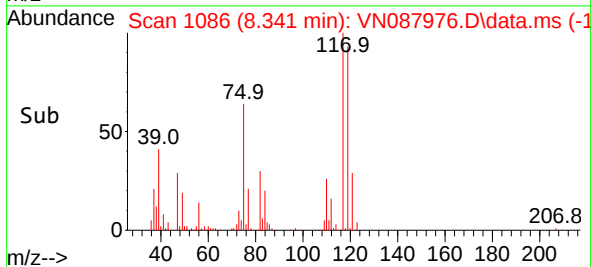
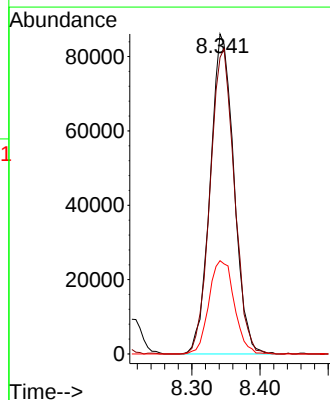
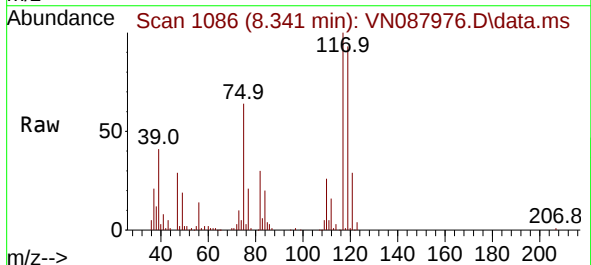
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

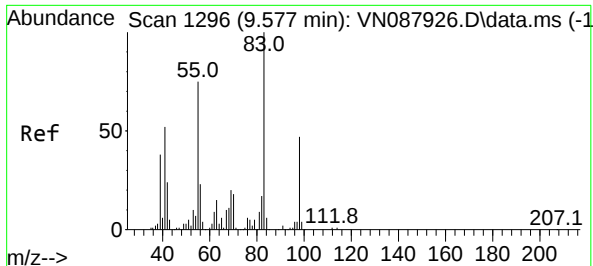
Tgt Ion: 43 Resp: 260340
Ion Ratio Lower Upper
43 100
61 12.3 10.7 16.1
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.774 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 117 Resp: 208411
Ion Ratio Lower Upper
117 100
119 92.6 72.1 108.1
121 29.2 24.6 36.8





#39

Methylcyclohexane

Concen: 47.842 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

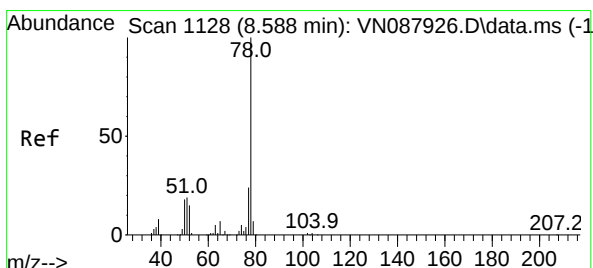
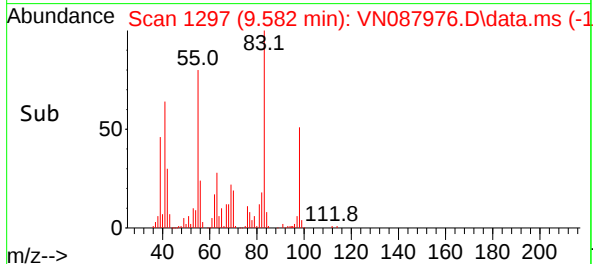
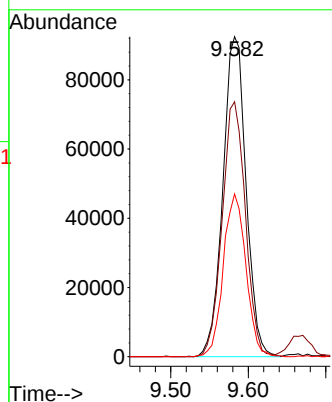
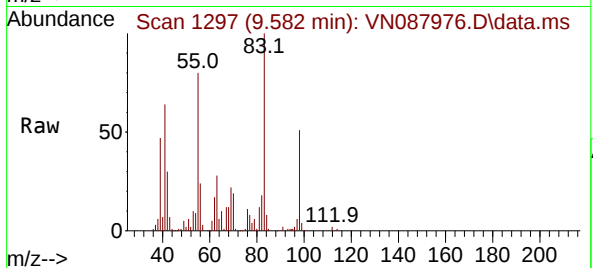
Tgt Ion: 83 Resp: 192580

Ion Ratio Lower Upper

83 100

55 79.7 59.9 89.9

98 50.9 37.4 56.2



#40

Benzene

Concen: 51.839 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087976.D

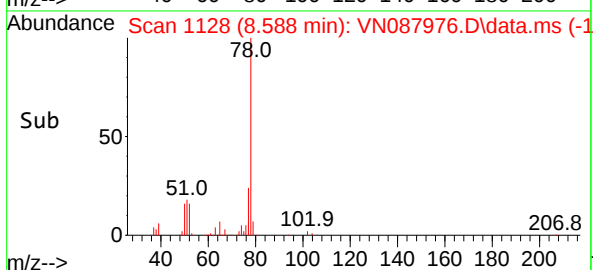
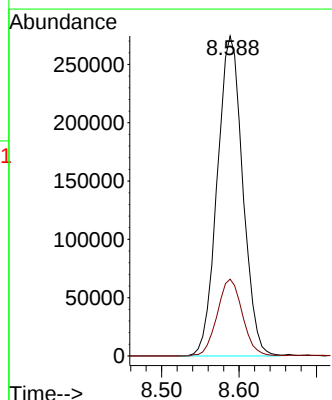
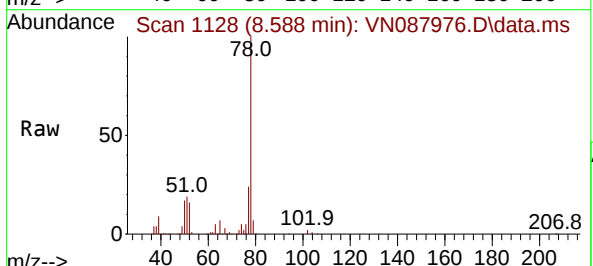
Acq: 29 Sep 2025 12:35

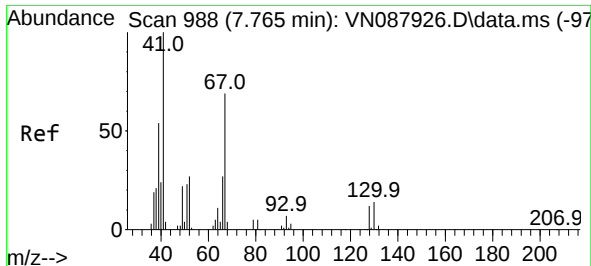
Tgt Ion: 78 Resp: 626304

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



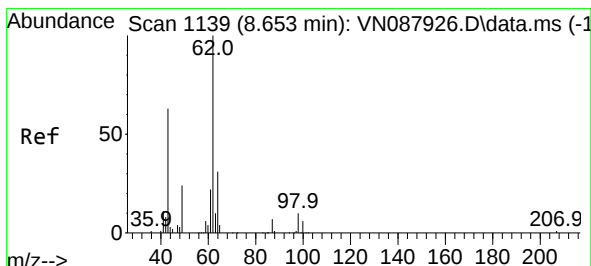
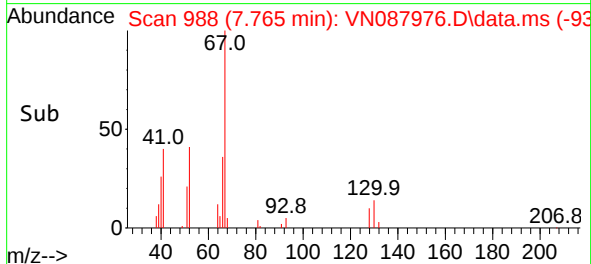
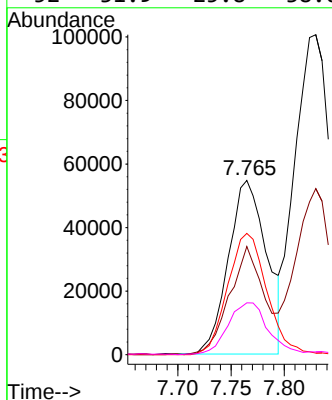
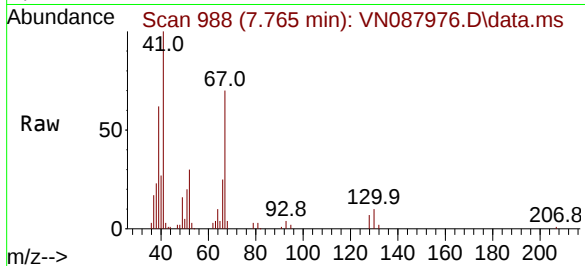


#41
Methacrylonitrile
Concen: 55.227 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 136759

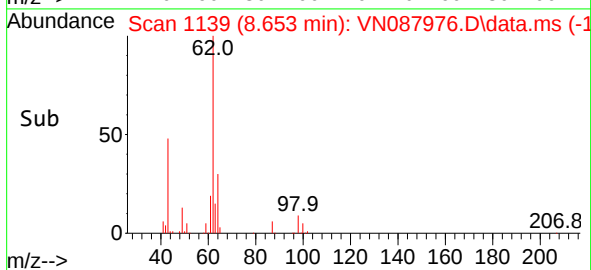
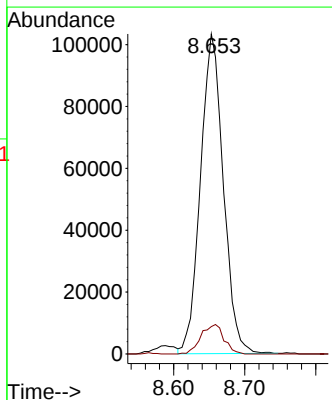
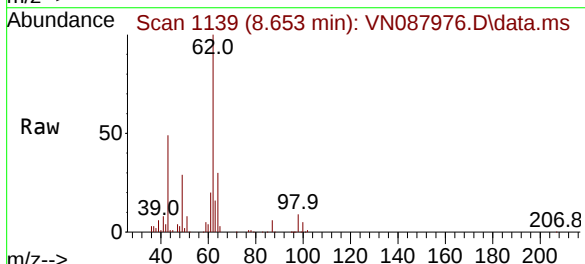
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.5	65.3
67	71.4	57.6	86.4
52	31.9	25.8	38.6

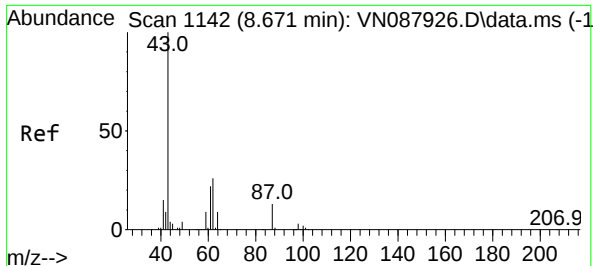


#42
1,2-Dichloroethane
Concen: 51.291 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 62 Resp: 231256

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 53.505 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

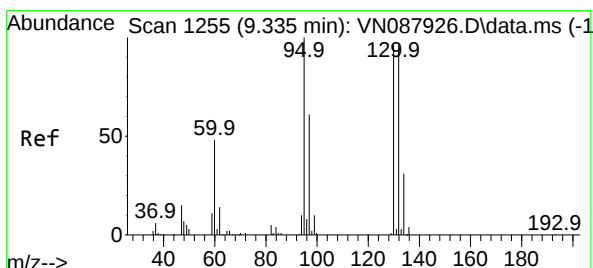
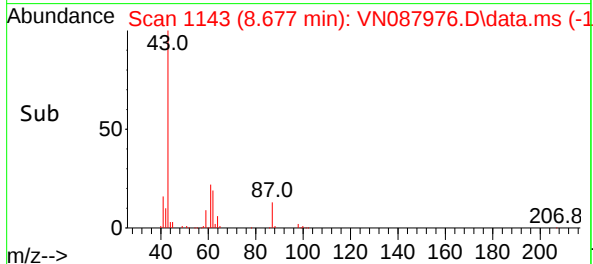
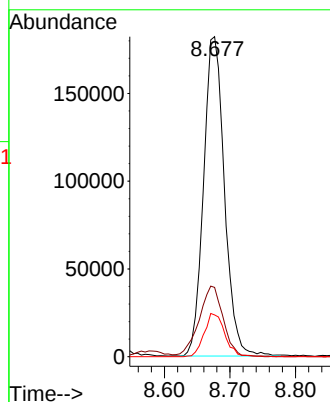
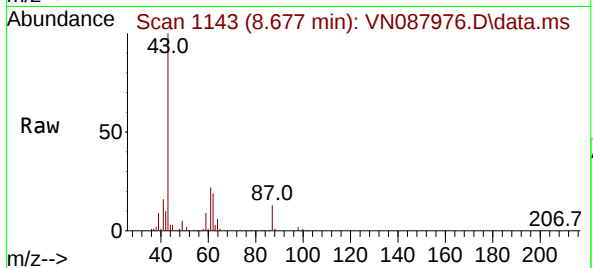
Tgt Ion: 43 Resp: 403553

Ion Ratio Lower Upper

43 100

61 25.6 20.2 30.2

87 13.3 10.9 16.3



#44

Trichloroethene

Concen: 49.560 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087976.D

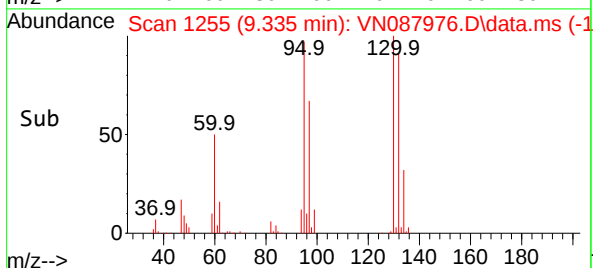
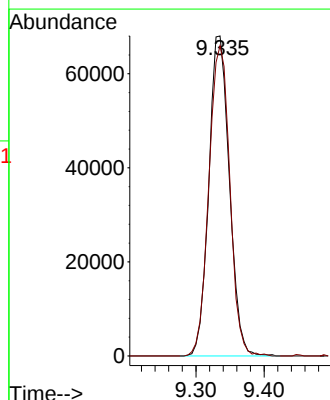
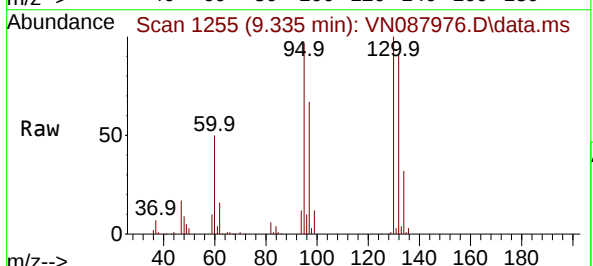
Acq: 29 Sep 2025 12:35

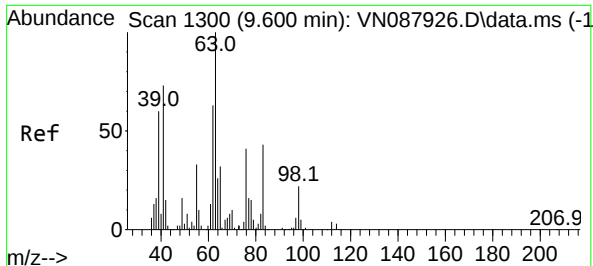
Tgt Ion:130 Resp: 143026

Ion Ratio Lower Upper

130 100

95 97.0 0.0 208.0





#45

1,2-Dichloropropane

Concen: 53.284 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

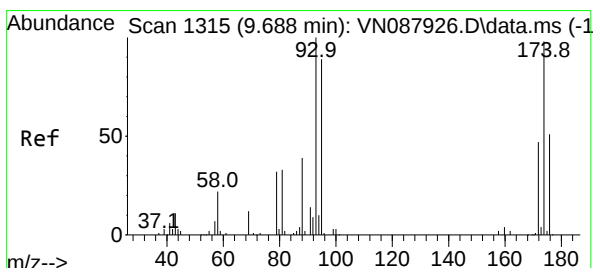
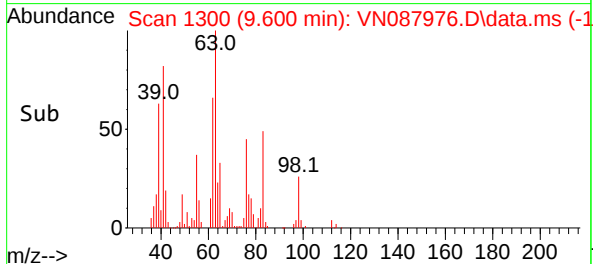
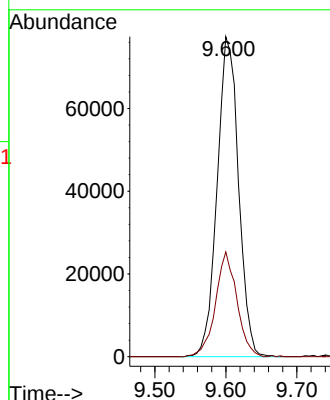
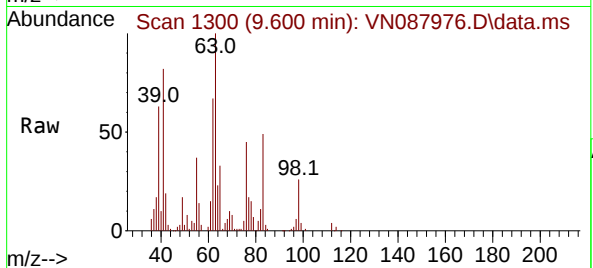
VSTDCCC050

Tgt Ion: 63 Resp: 161428

Ion Ratio Lower Upper

63 100

65 32.8 25.4 38.0



#46

Dibromomethane

Concen: 52.943 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

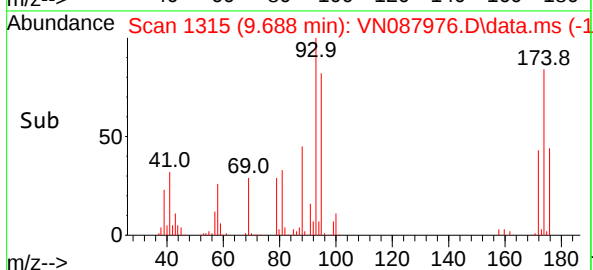
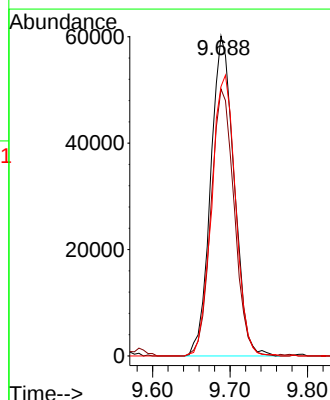
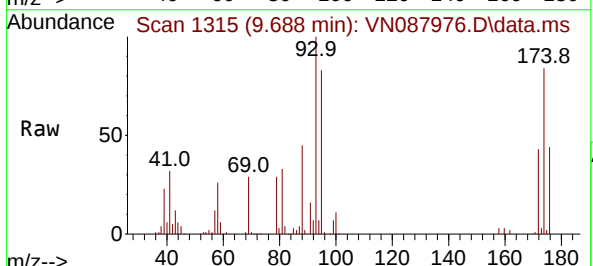
Tgt Ion: 93 Resp: 126563

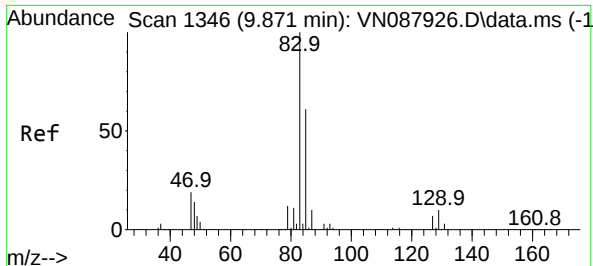
Ion Ratio Lower Upper

93 100

95 82.4 67.6 101.4

174 88.9 75.4 113.0

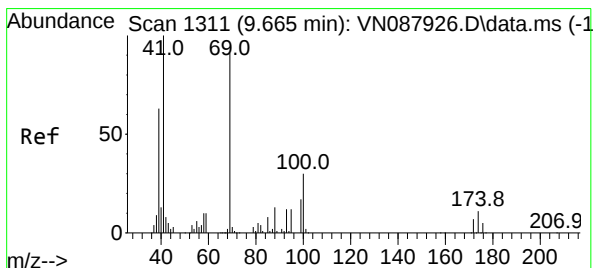
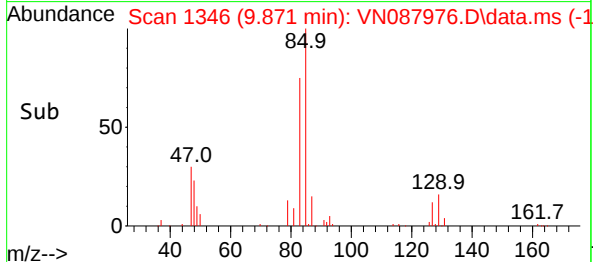
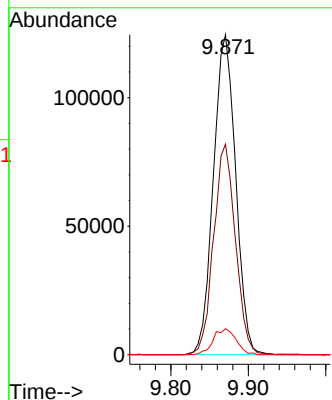
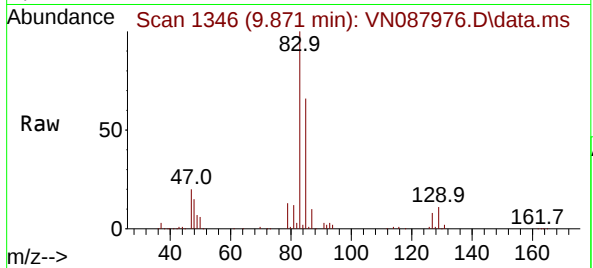




#47
Bromodichloromethane
Concen: 53.012 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

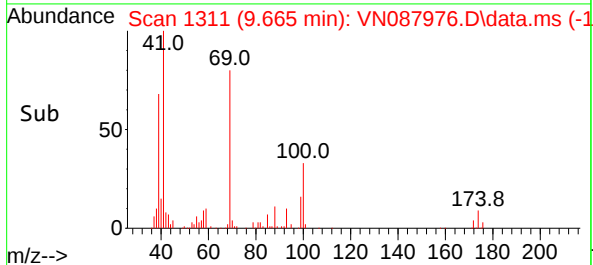
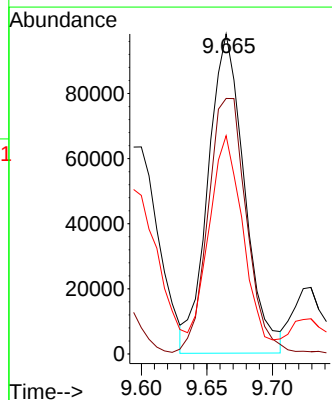
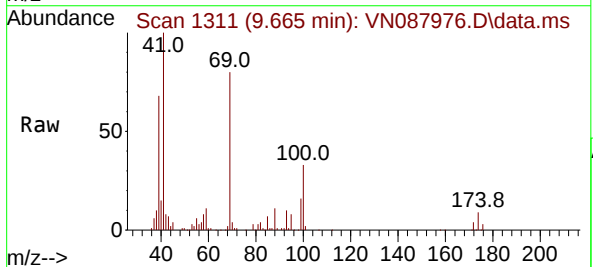
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

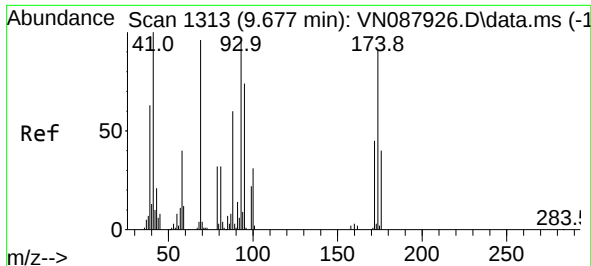
Tgt Ion: 83 Resp: 248561
Ion Ratio Lower Upper
83 100
85 65.8 49.1 73.7
127 8.1 5.9 8.9



#48
Methyl methacrylate
Concen: 54.126 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 41 Resp: 189051
Ion Ratio Lower Upper
41 100
69 85.0 70.9 106.3
39 64.9 52.9 79.3





#49

1,4-Dioxane

Concen: 1210.147 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.012 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

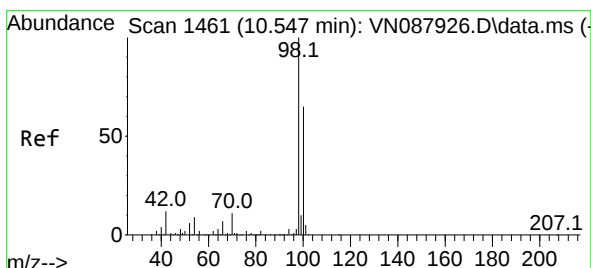
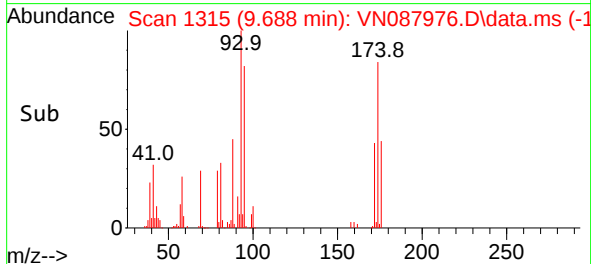
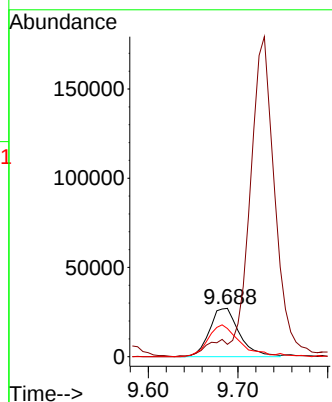
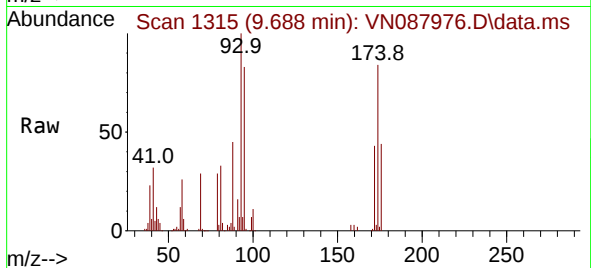
Tgt Ion: 88 Resp: 62443

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 68.8 57.4 86.2



#50

Toluene-d8

Concen: 48.082 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087976.D

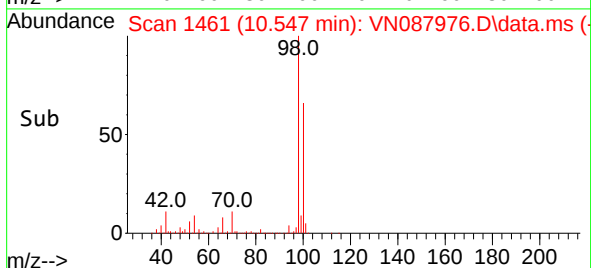
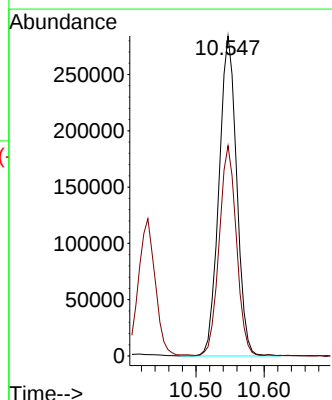
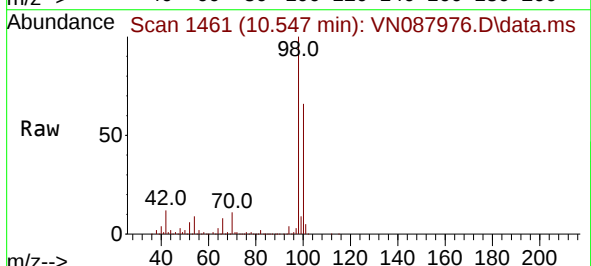
Acq: 29 Sep 2025 12:35

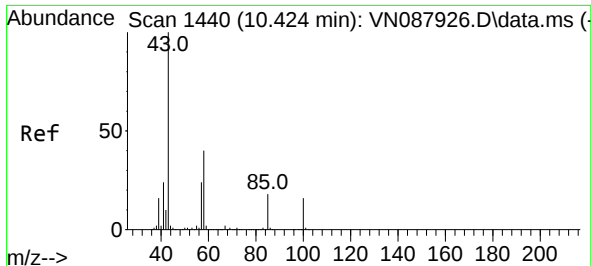
Tgt Ion: 98 Resp: 513109

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5

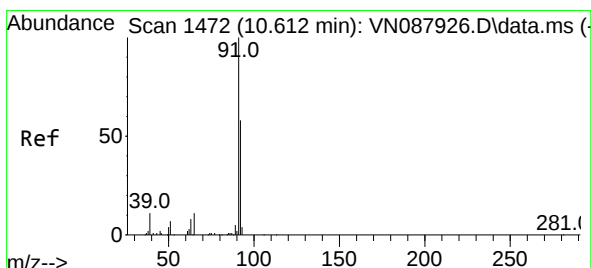
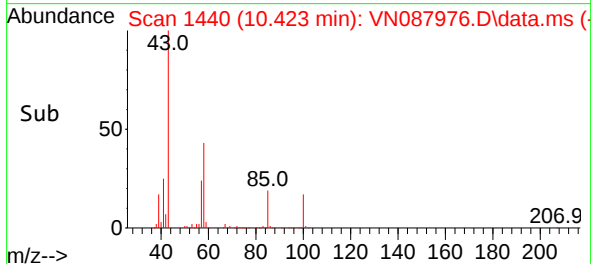
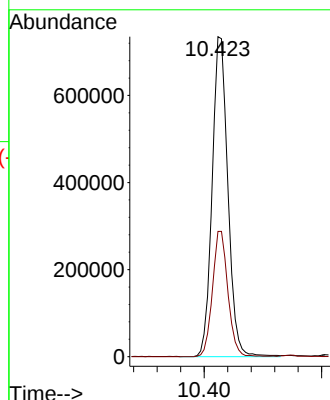
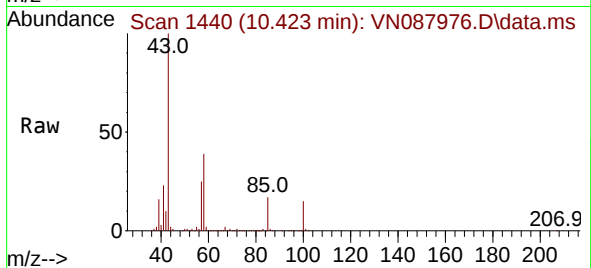




#51
4-Methyl-2-Pentanone
Concen: 289.726 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

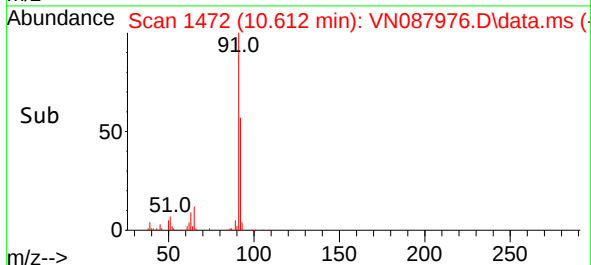
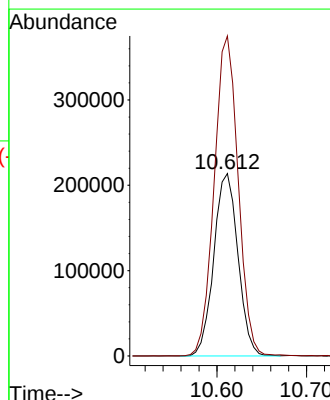
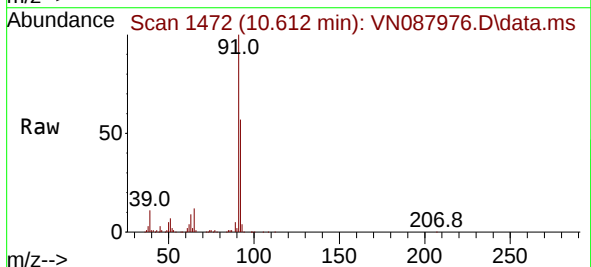
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

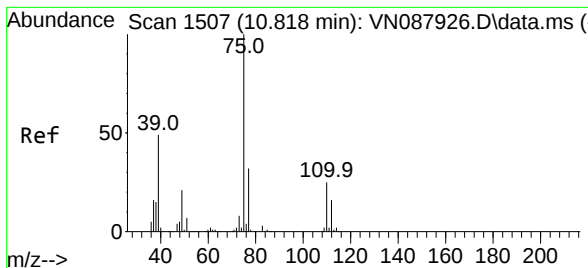
Tgt Ion: 43 Resp: 1363570
Ion Ratio Lower Upper
43 100
58 38.5 31.0 46.6



#52
Toluene
Concen: 52.612 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 92 Resp: 398890
Ion Ratio Lower Upper
92 100
91 174.3 138.2 207.2

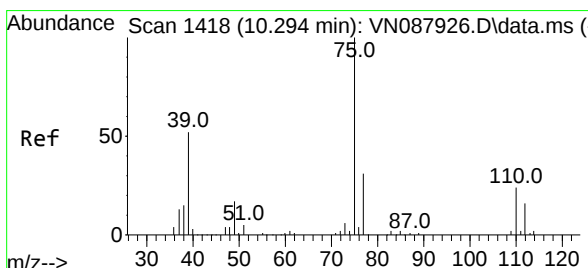
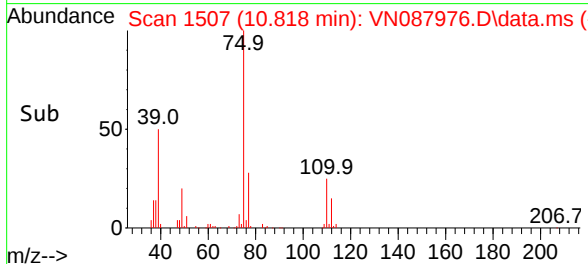
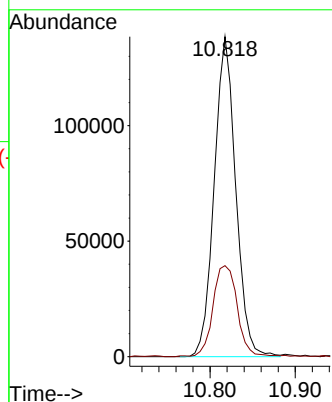
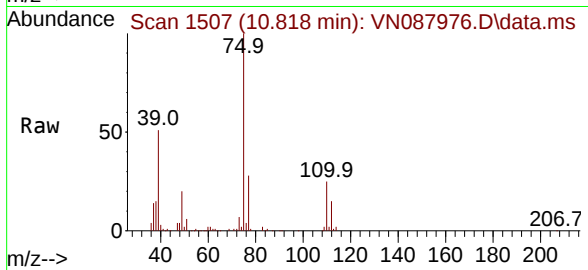




#53
t-1,3-Dichloropropene
Concen: 50.584 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

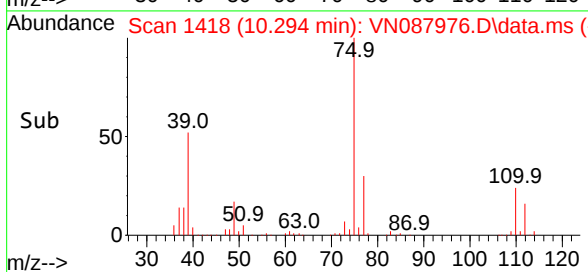
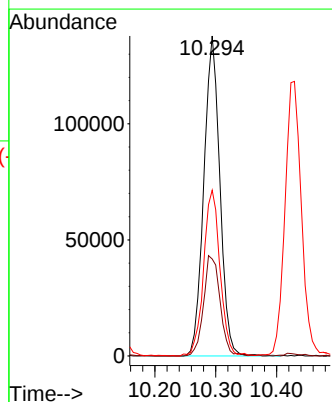
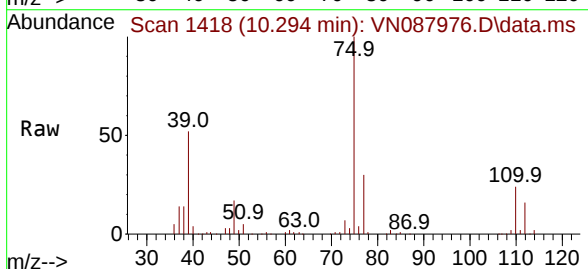
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

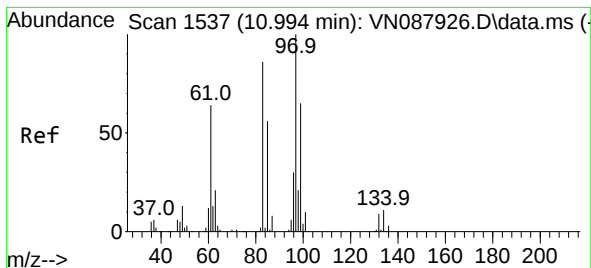
Tgt Ion: 75 Resp: 242737
Ion Ratio Lower Upper
75 100
77 28.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.743 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 75 Resp: 252901
Ion Ratio Lower Upper
75 100
77 30.3 24.7 37.1
39 51.4 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 53.466 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 164820

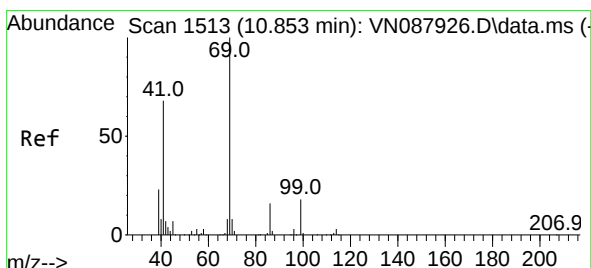
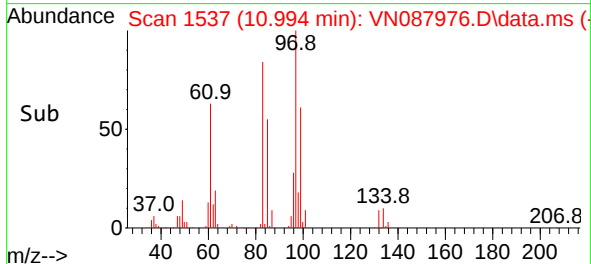
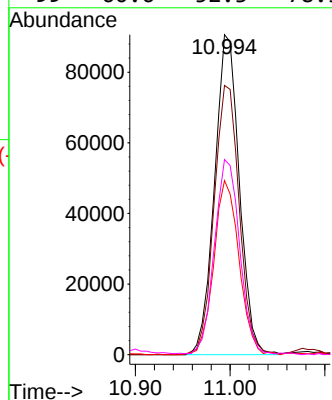
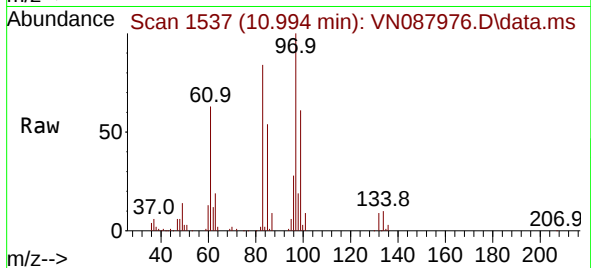
Ion Ratio Lower Upper

97 100

83 84.1 69.0 103.4

85 54.4 44.4 66.6

99 60.6 52.3 78.5



#56

Ethyl methacrylate

Concen: 56.883 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

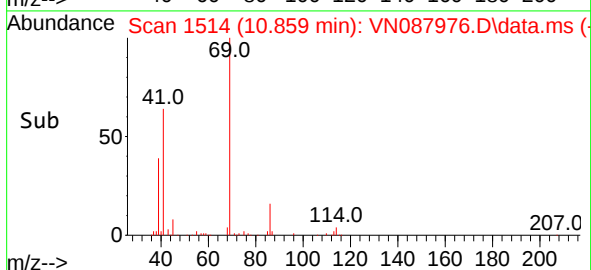
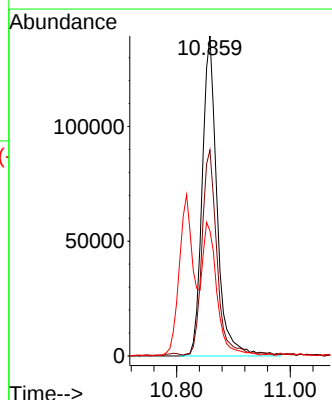
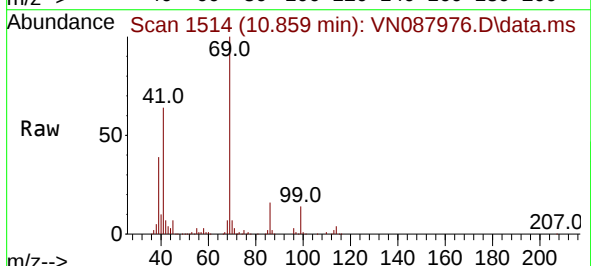
Tgt Ion: 69 Resp: 253380

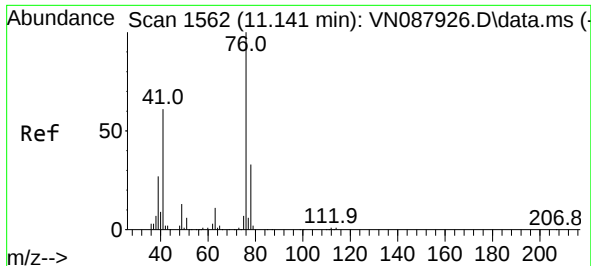
Ion Ratio Lower Upper

69 100

41 64.0 53.8 80.6

39 38.3 34.7 52.1





#57

1,3-Dichloropropane

Concen: 53.469 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

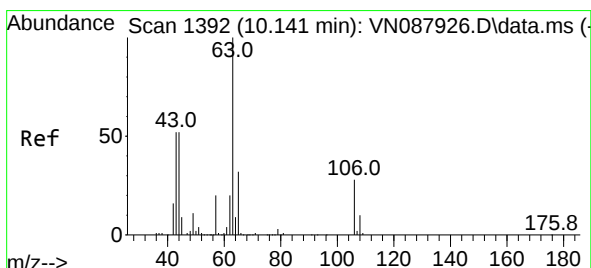
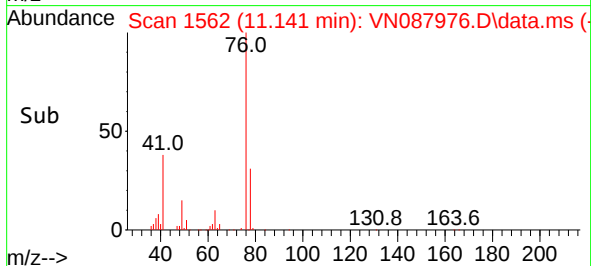
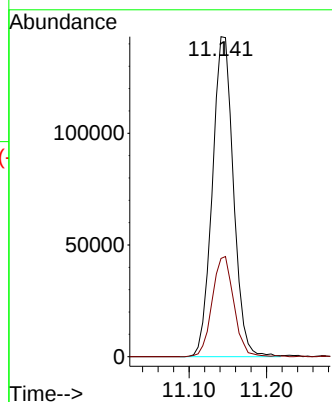
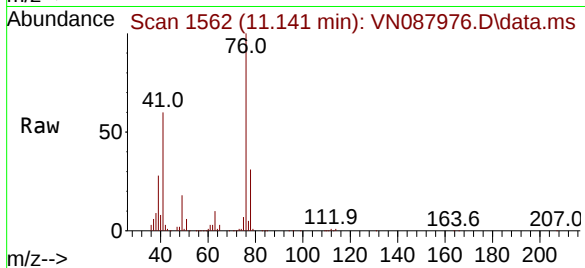
VSTDCCC050

Tgt Ion: 76 Resp: 271109

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 337.365 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087976.D

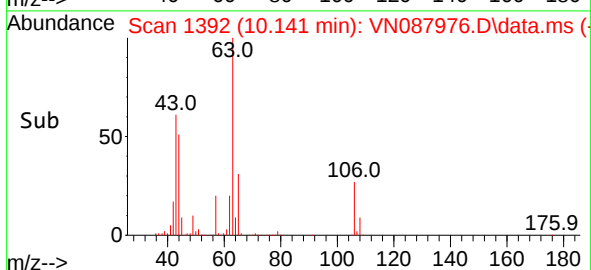
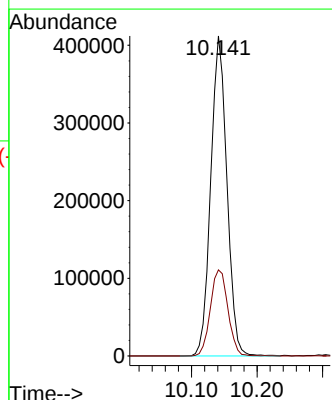
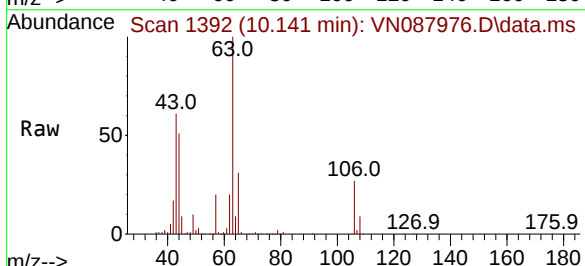
Acq: 29 Sep 2025 12:35

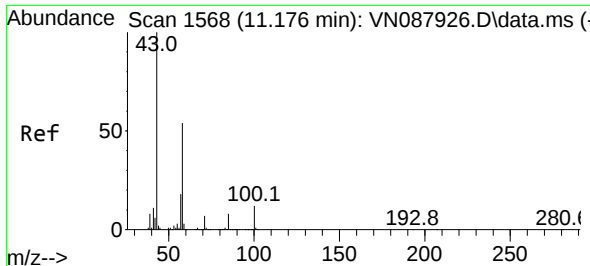
Tgt Ion: 63 Resp: 706565

Ion Ratio Lower Upper

63 100

106 29.1 22.6 33.8

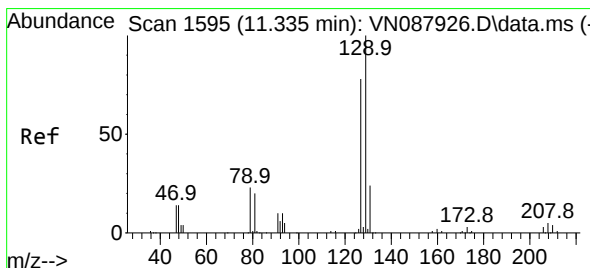
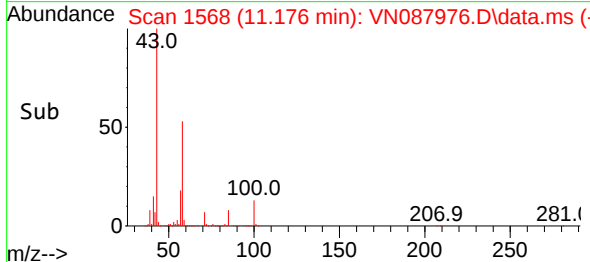
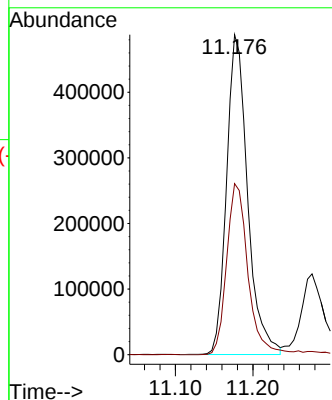
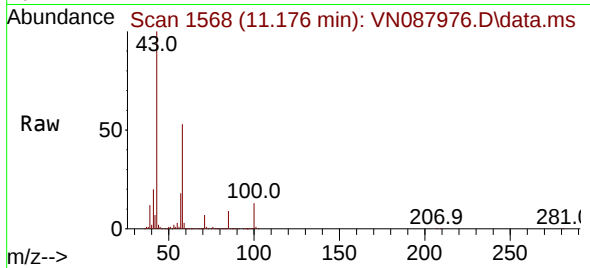




#59
2-Hexanone
Concen: 295.620 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

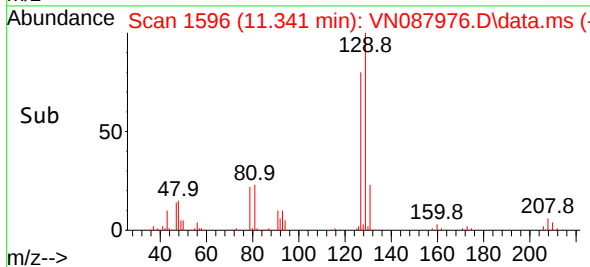
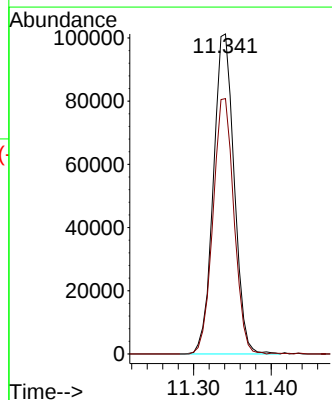
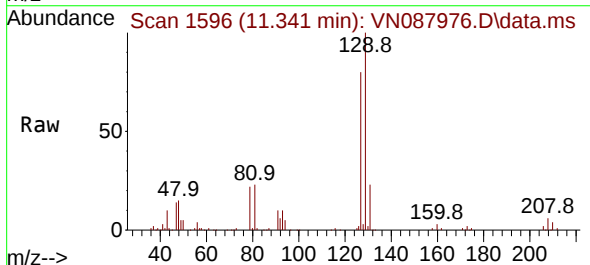
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

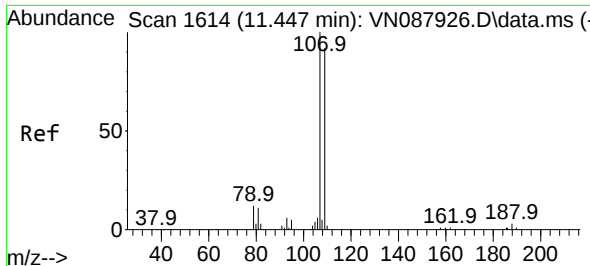
Tgt Ion: 43 Resp: 919964
Ion Ratio Lower Upper
43 100
58 54.2 26.4 79.2



#60
Dibromochloromethane
Concen: 52.023 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 129 Resp: 188558
Ion Ratio Lower Upper
129 100
127 80.4 39.3 117.9

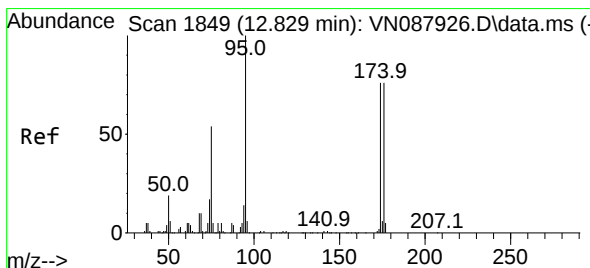
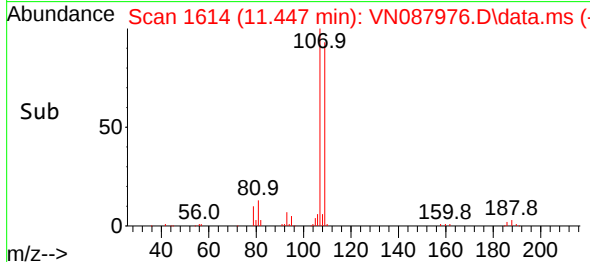
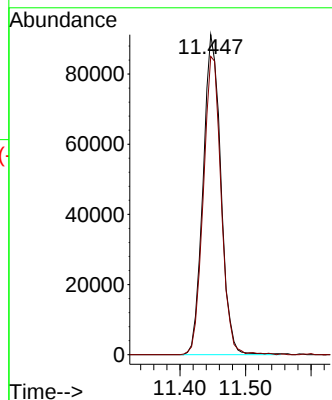
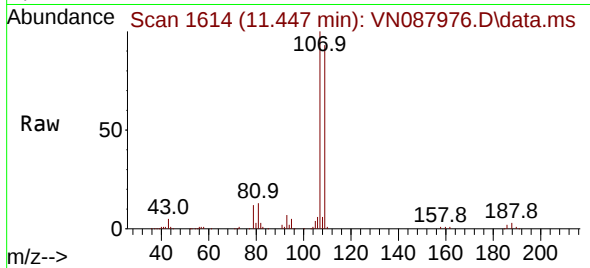




#61
1,2-Dibromoethane
Concen: 52.707 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

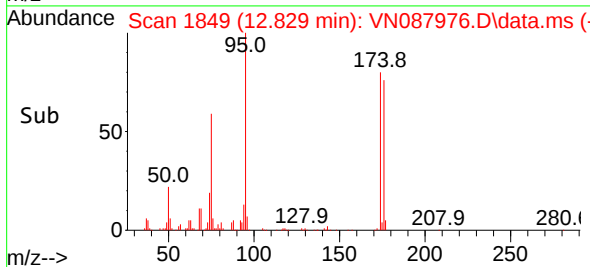
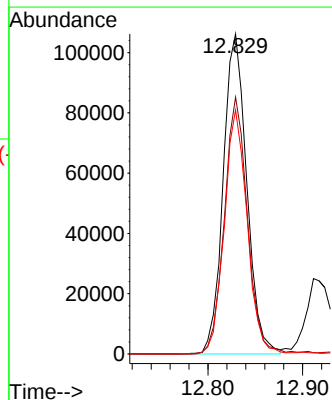
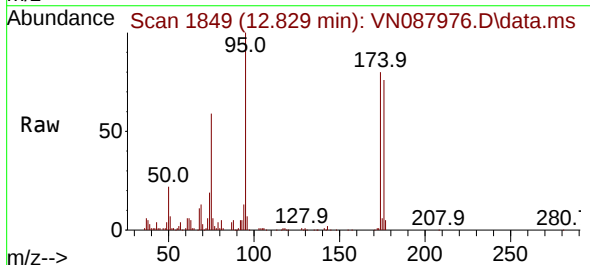
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

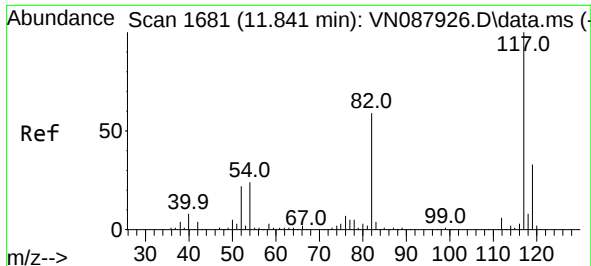
Tgt Ion:107 Resp: 172008
Ion Ratio Lower Upper
107 100
109 93.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 95 Resp: 183246
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.2
176 74.1 0.0 152.6

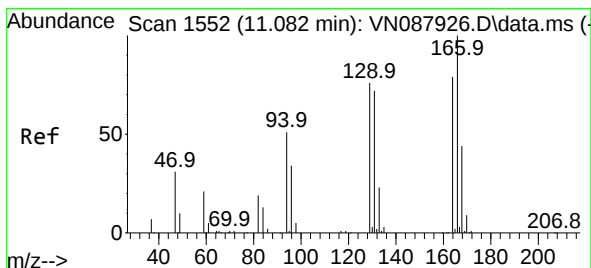
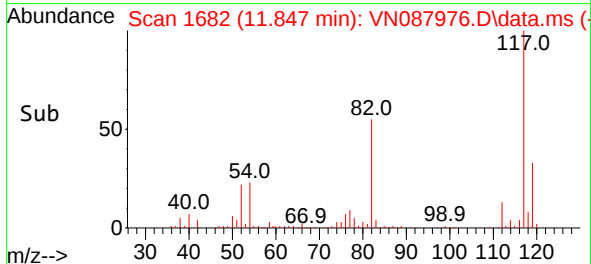
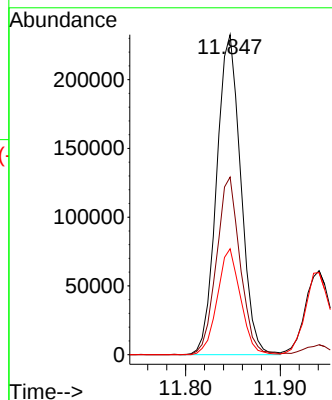
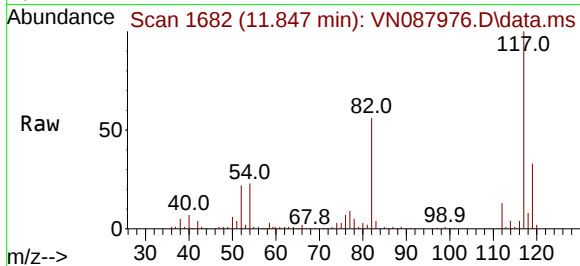




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

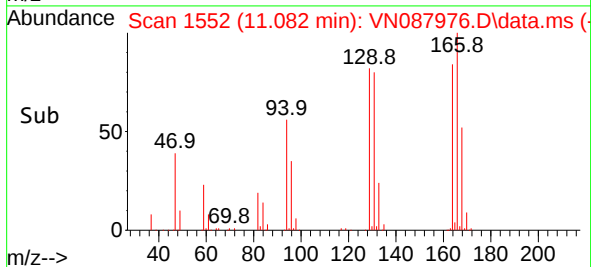
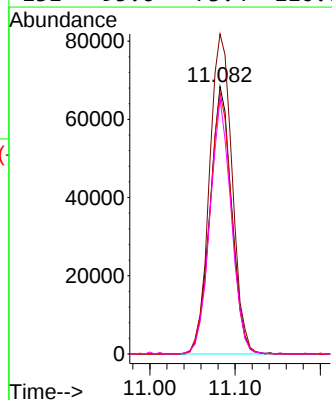
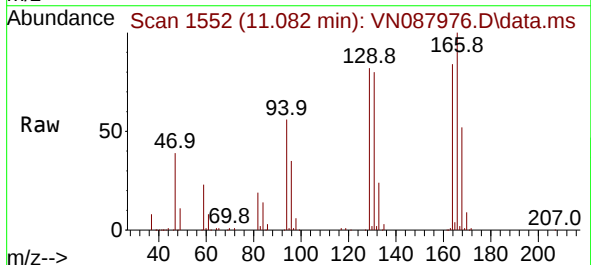
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

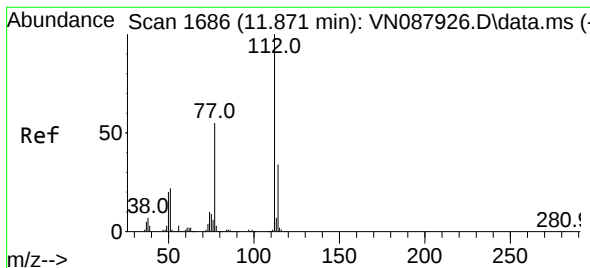
Tgt Ion:117 Resp: 412483
Ion Ratio Lower Upper
117 100
82 55.5 47.0 70.4
119 33.1 26.1 39.1



#64
Tetrachloroethene
Concen: 48.461 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion:164 Resp: 121765
Ion Ratio Lower Upper
164 100
166 119.7 101.6 152.4
129 97.7 77.5 116.3
131 95.6 73.4 110.0





#65

Chlorobenzene

Concen: 50.487 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

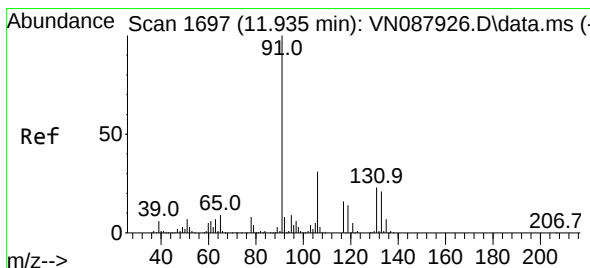
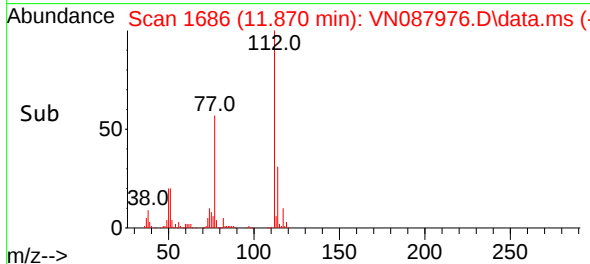
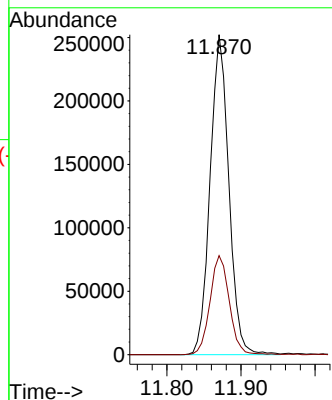
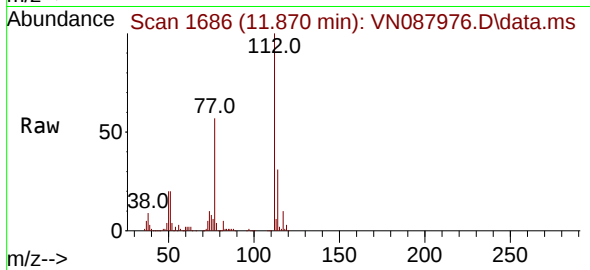
VSTDCCC050

Tgt Ion:112 Resp: 443168

Ion Ratio Lower Upper

112 100

114 31.0 27.2 40.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.003 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

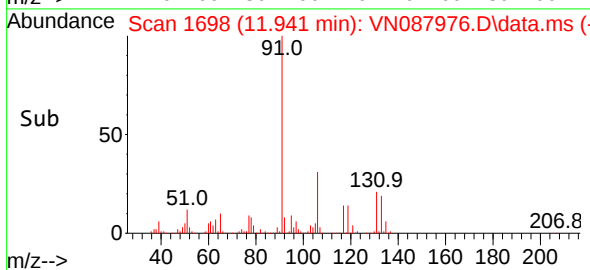
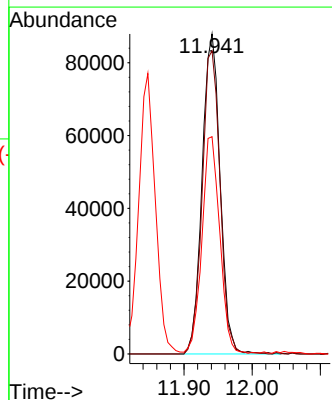
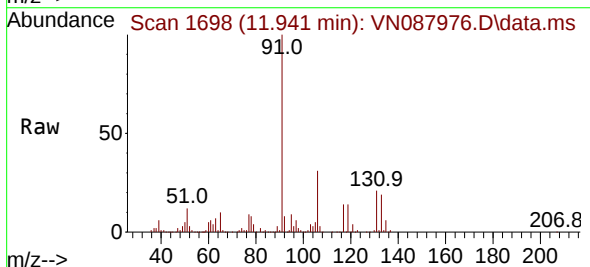
Tgt Ion:131 Resp: 161449

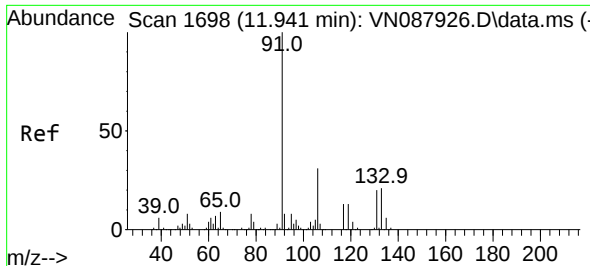
Ion Ratio Lower Upper

131 100

133 94.3 48.4 145.0

119 67.1 31.9 95.5

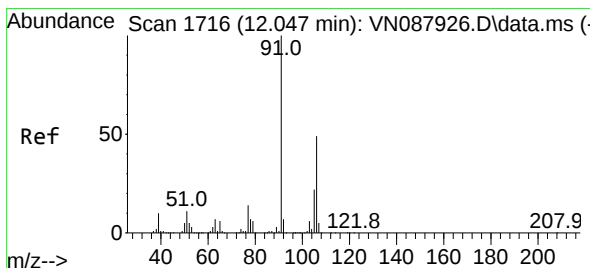
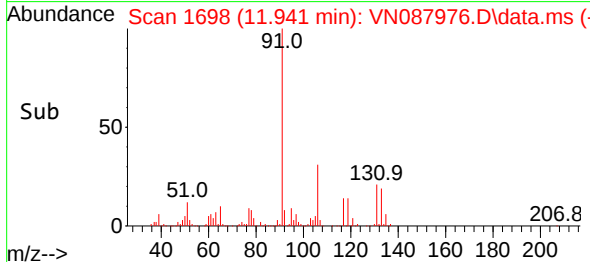
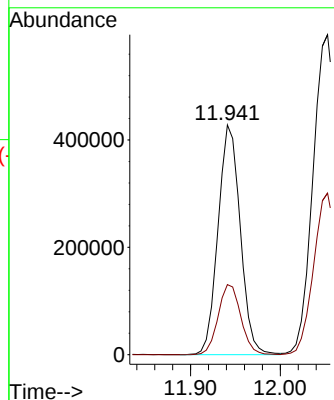
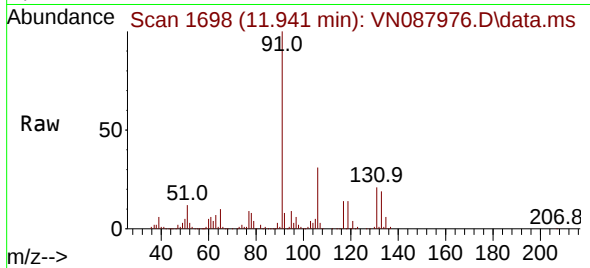




#67
Ethyl Benzene
Concen: 50.293 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

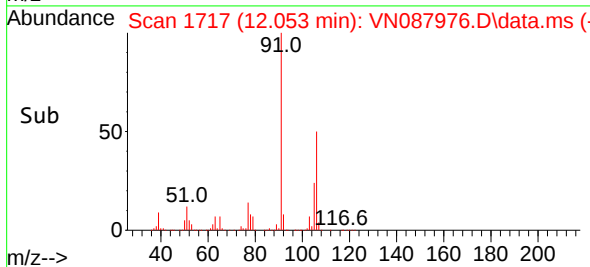
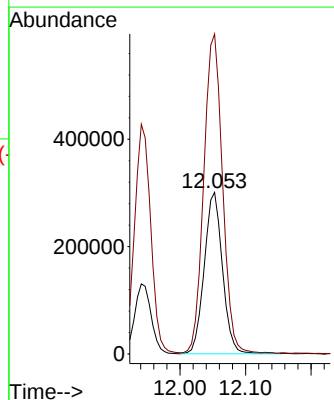
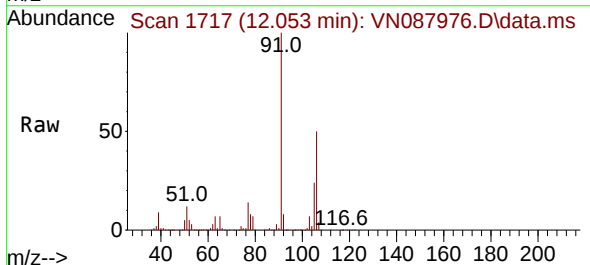
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

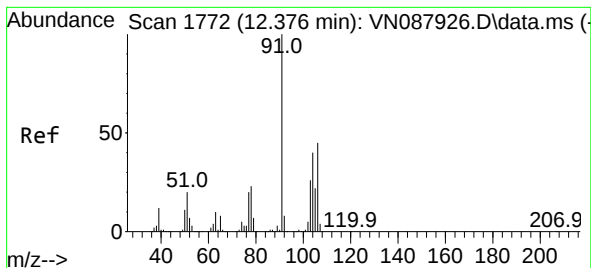
Tgt Ion: 91 Resp: 736637
Ion Ratio Lower Upper
91 100
106 30.5 25.2 37.8



#68
m/p-Xylenes
Concen: 103.624 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 106 Resp: 580478
Ion Ratio Lower Upper
106 100
91 204.1 162.9 244.3

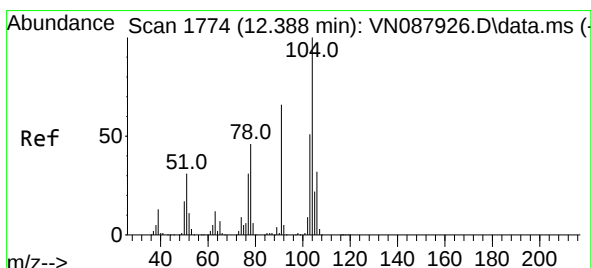
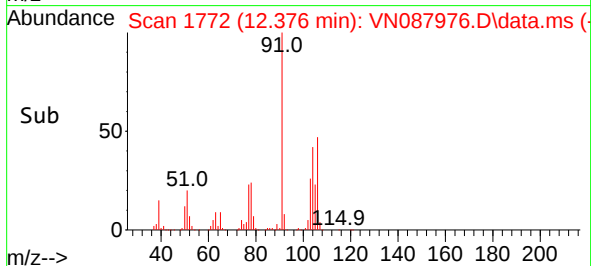
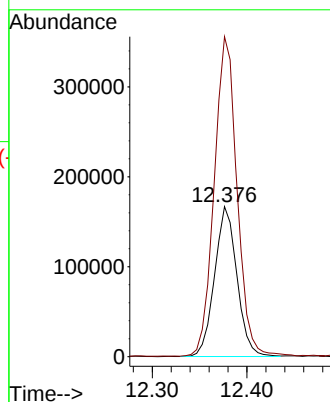
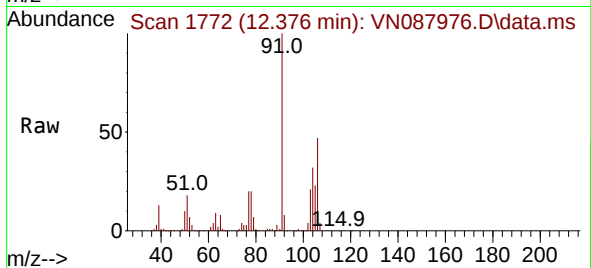




#69
o-Xylene
Concen: 50.888 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

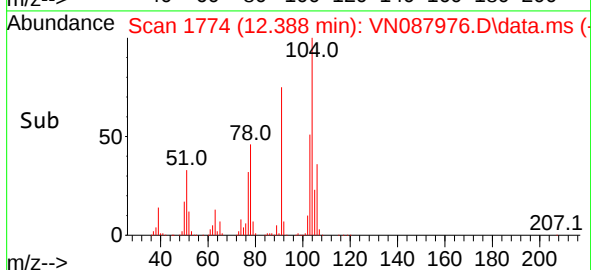
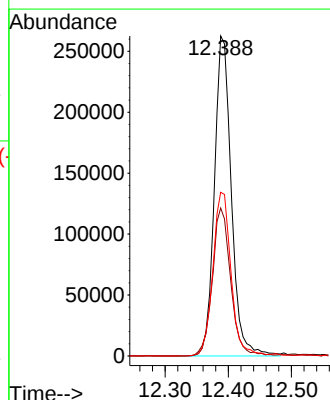
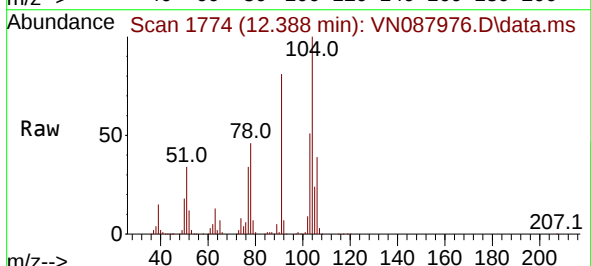
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

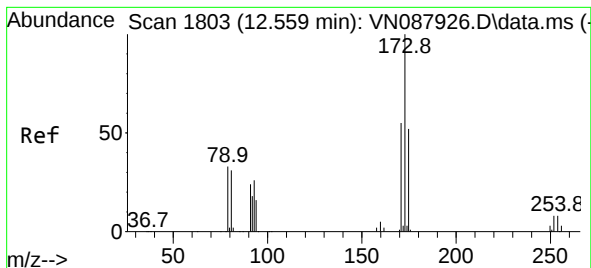
Tgt Ion:106 Resp: 273874
Ion Ratio Lower Upper
106 100
91 217.1 108.2 324.6



#70
Styrene
Concen: 52.989 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion:104 Resp: 489792
Ion Ratio Lower Upper
104 100
78 49.7 39.7 59.5
103 54.7 44.6 67.0





#71

Bromoform

Concen: 53.138 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

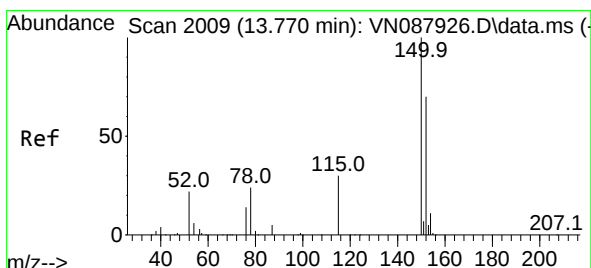
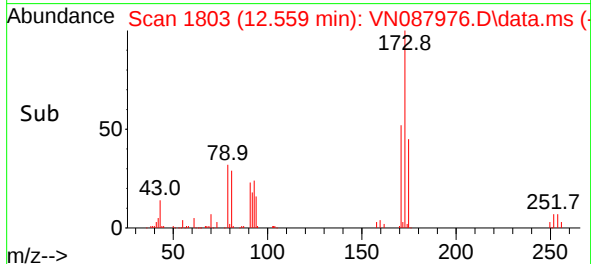
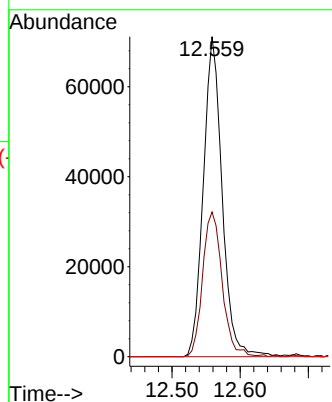
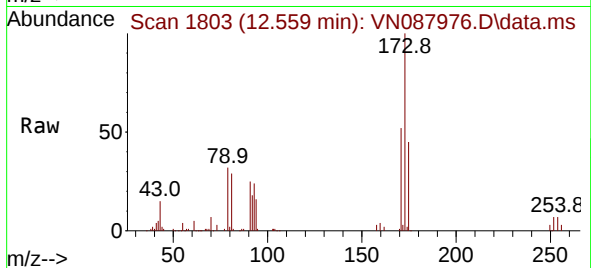
Tgt Ion:173 Resp: 136469

Ion Ratio Lower Upper

173 100

175 47.1 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: VN087976.D

Acq: 29 Sep 2025 12:35

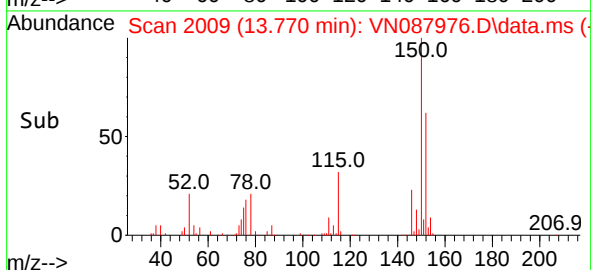
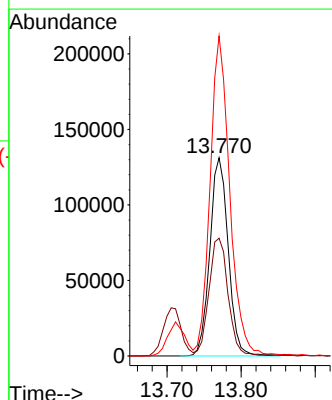
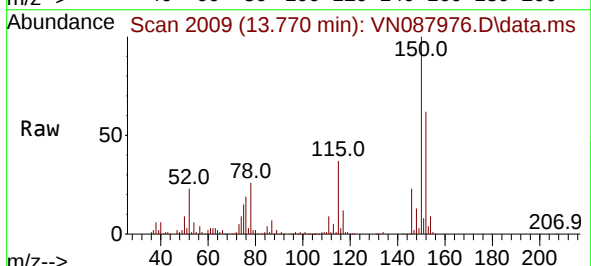
Tgt Ion:152 Resp: 226671

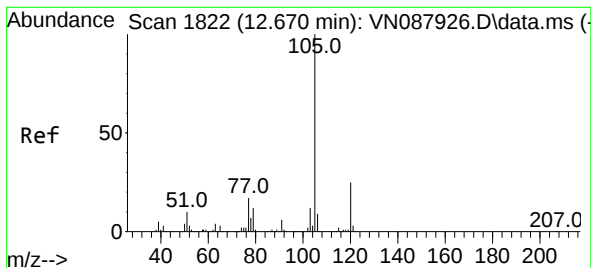
Ion Ratio Lower Upper

152 100

115 61.2 29.9 89.7

150 171.5 0.0 335.0





#73

Isopropylbenzene

Concen: 50.561 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

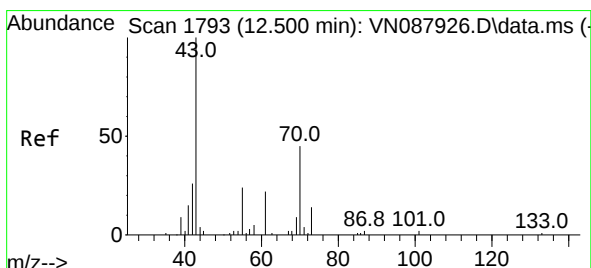
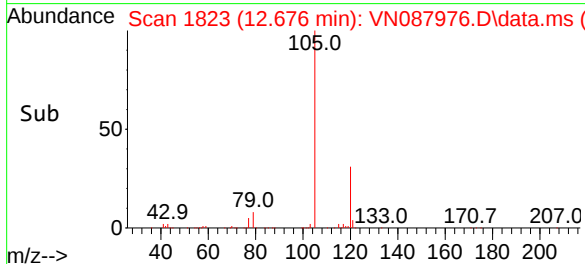
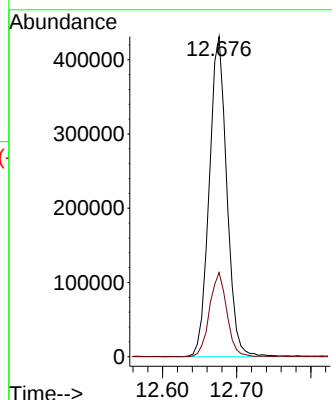
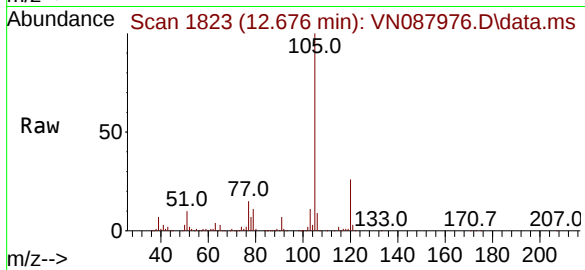
VSTDCCC050

Tgt Ion:105 Resp: 710303

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 22.028 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Tgt Ion: 43 Resp: 101964

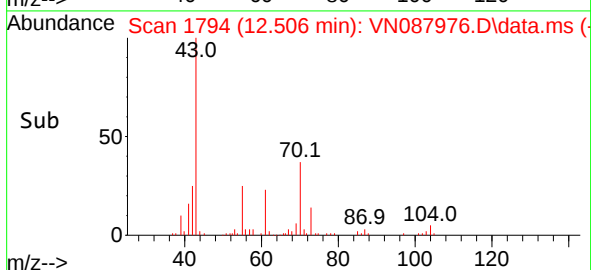
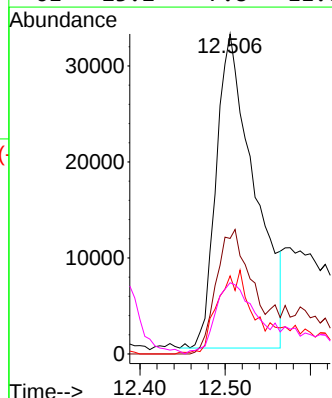
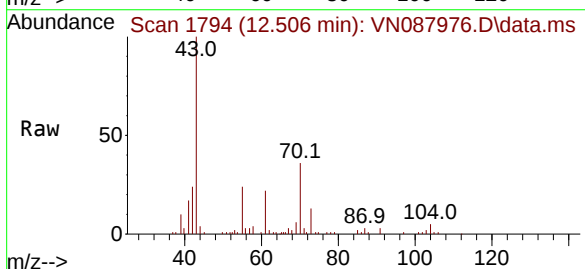
Ion Ratio Lower Upper

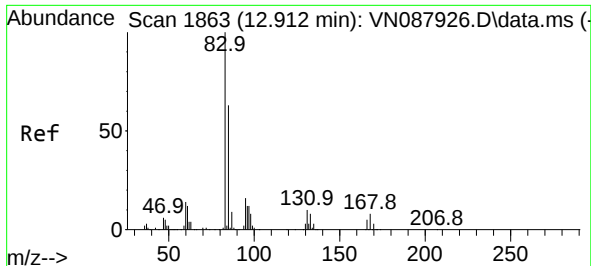
43 100

70 36.1 19.8 29.8#

55 32.1 9.6 14.4#

61 23.2 7.8 11.6#

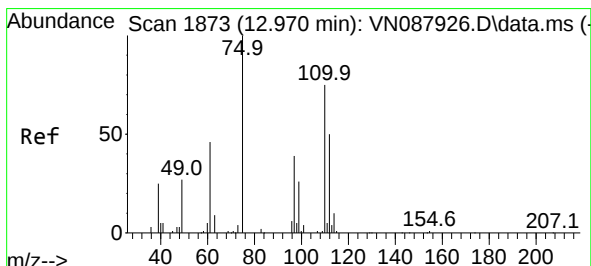
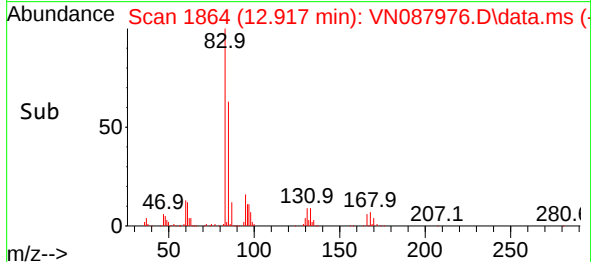
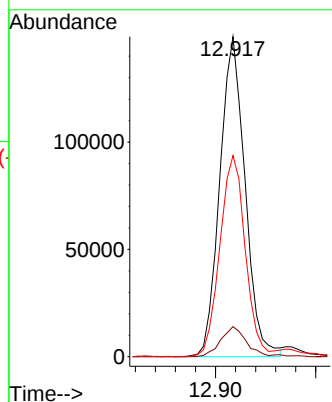
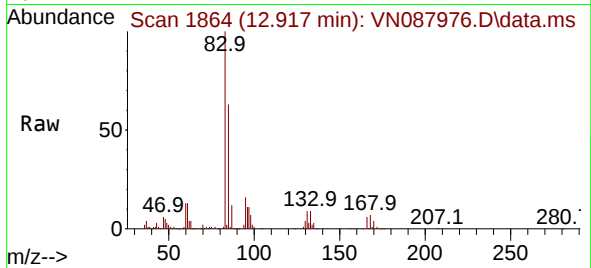




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.451 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

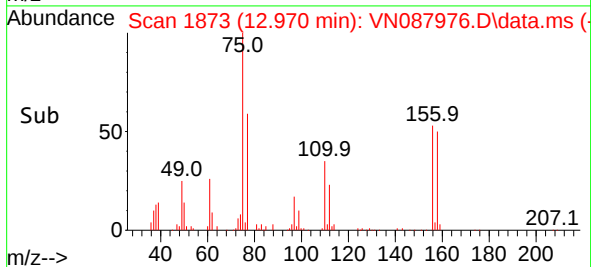
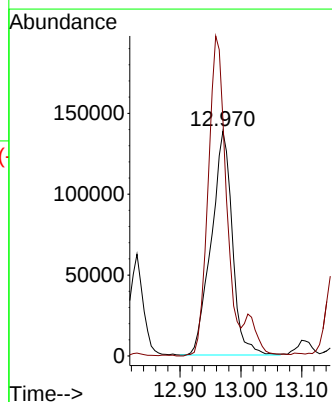
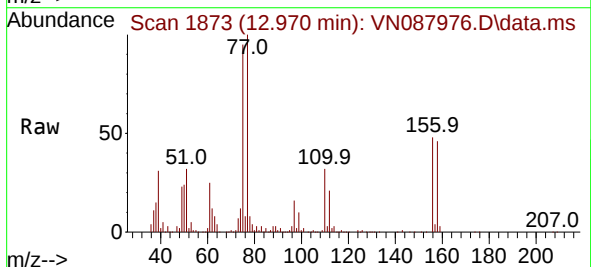
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

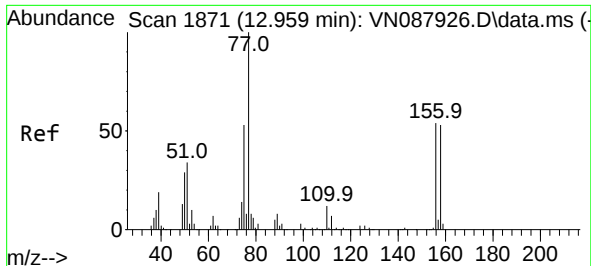
Tgt Ion: 83 Resp: 260431
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.2 15.6
 85 63.2 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 74.270 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

Tgt Ion: 75 Resp: 331852
 Ion Ratio Lower Upper
 75 100
 77 122.0 89.5 268.5

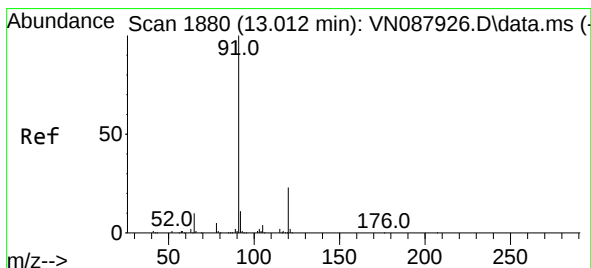
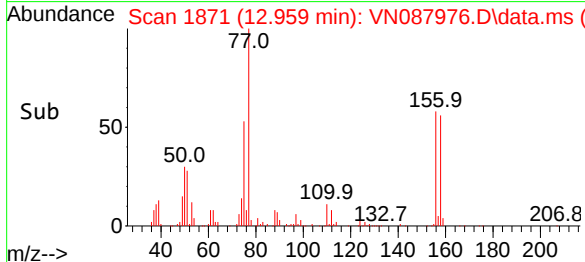
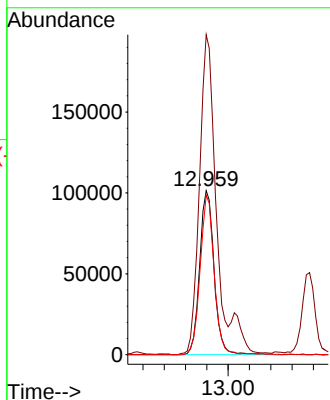
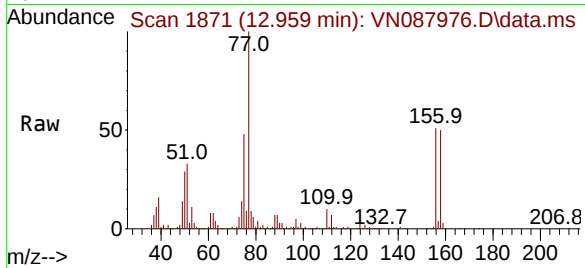




#77
Bromobenzene
Concen: 50.960 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

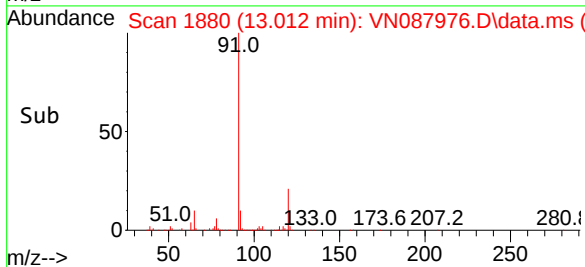
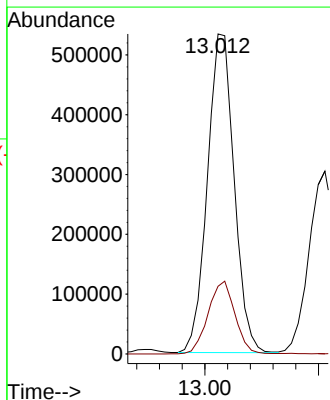
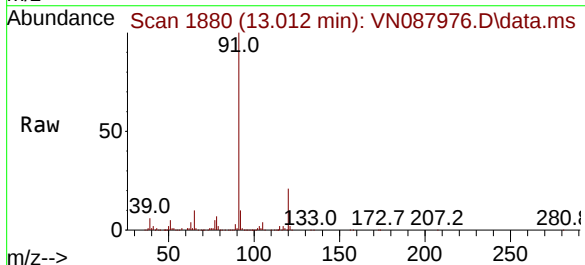
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

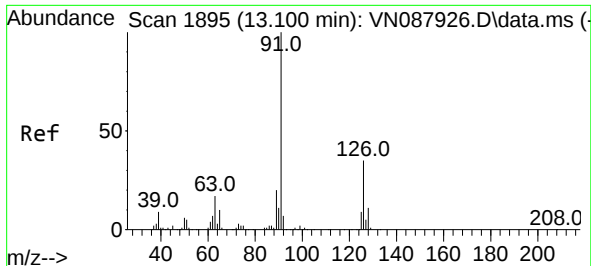
Tgt Ion:156 Resp: 190479
Ion Ratio Lower Upper
156 100
77 212.6 108.2 324.6
158 94.0 49.6 149.0



#78
n-propylbenzene
Concen: 49.728 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 91 Resp: 873432
Ion Ratio Lower Upper
91 100
120 22.9 11.1 33.1

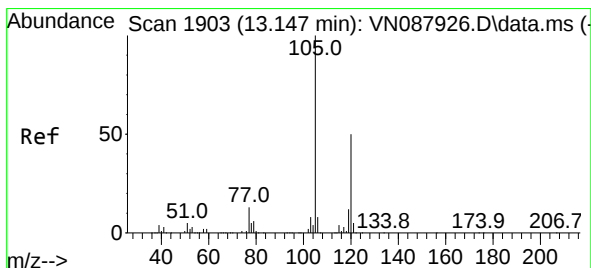
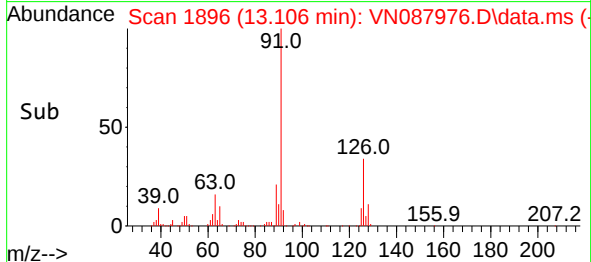
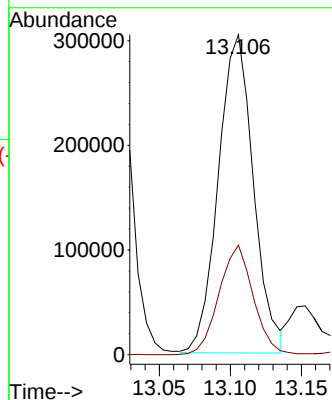
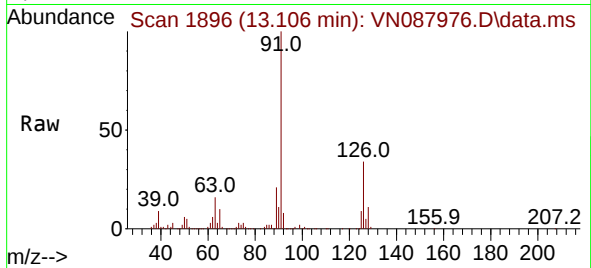




#79
2-Chlorotoluene
Concen: 48.917 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

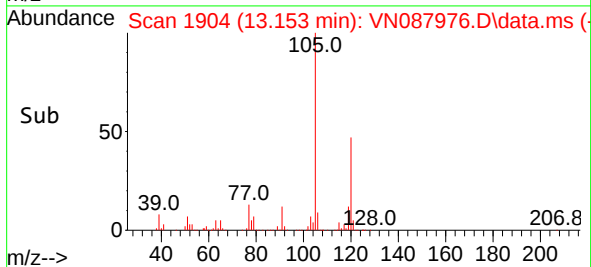
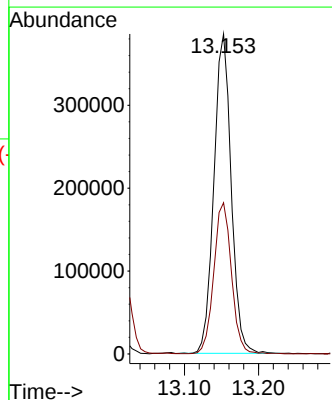
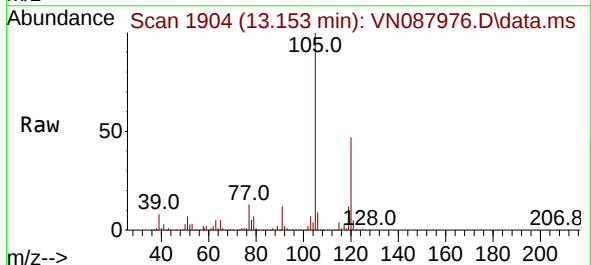
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

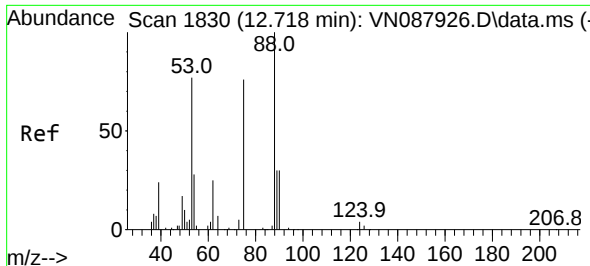
Tgt Ion: 91 Resp: 523153
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 51.299 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 105 Resp: 623358
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1

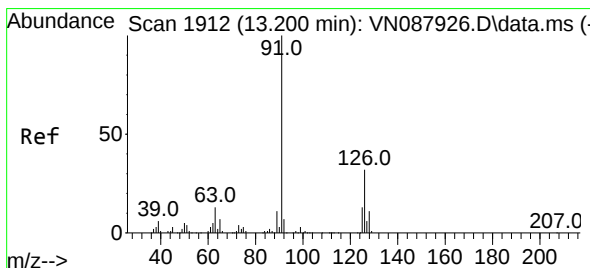
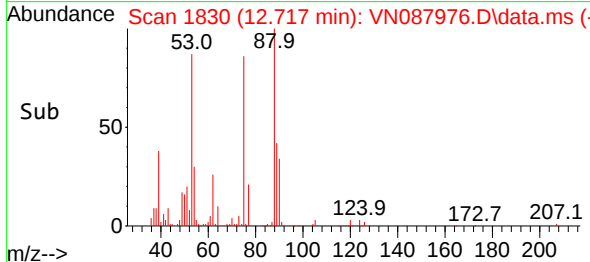
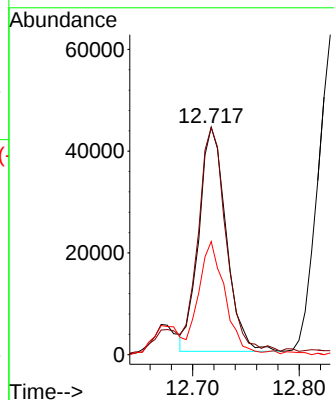
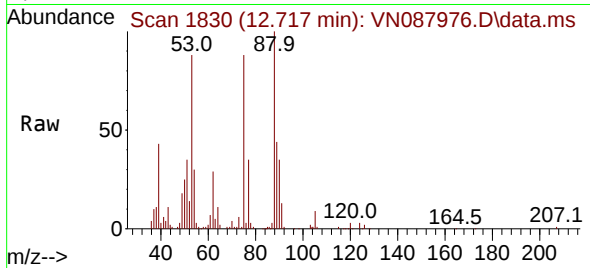




#81
trans-1,4-Dichloro-2-butene
Concen: 48.718 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

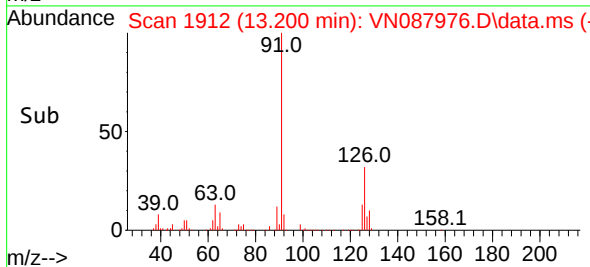
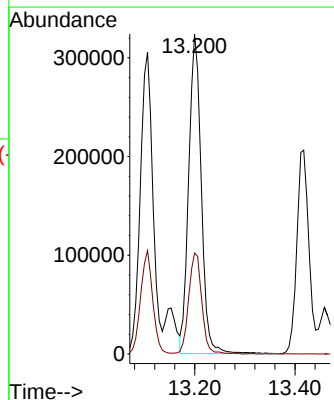
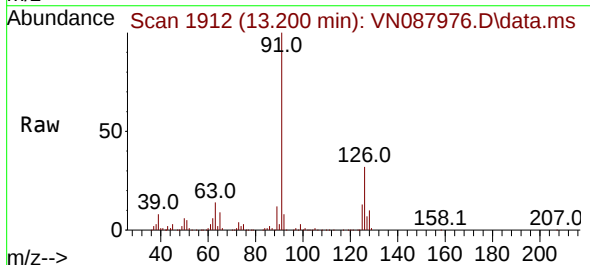
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

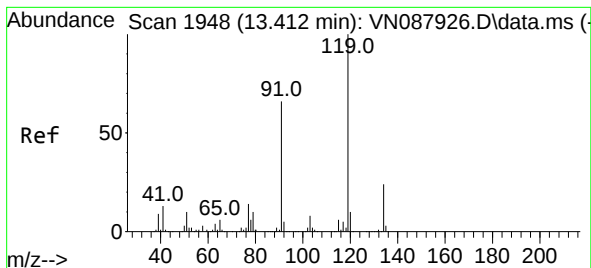
Tgt Ion: 75 Resp: 78392
Ion Ratio Lower Upper
75 100
53 102.0 82.0 123.0
89 46.4 36.1 54.1



#82
4-Chlorotoluene
Concen: 52.013 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 91 Resp: 560511
Ion Ratio Lower Upper
91 100
126 32.4 16.9 50.6





#83

tert-Butylbenzene

Concen: 50.780 ug/l

RT: 13.417 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

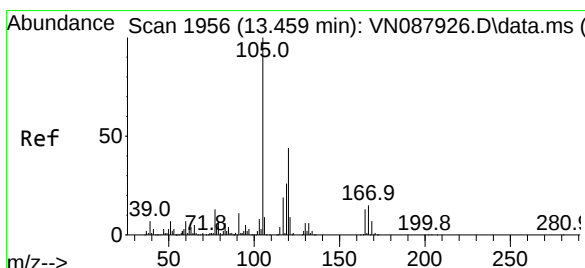
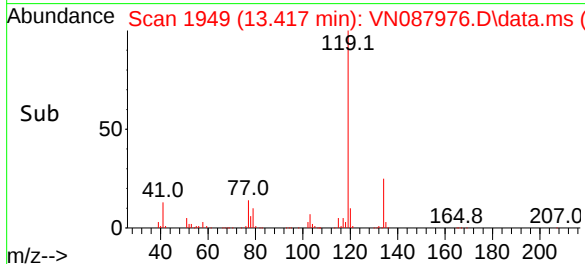
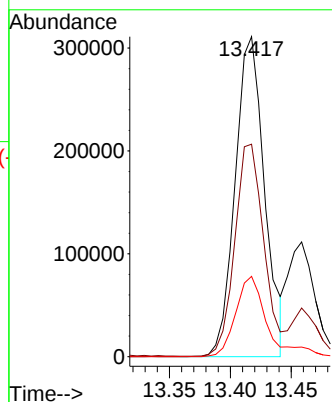
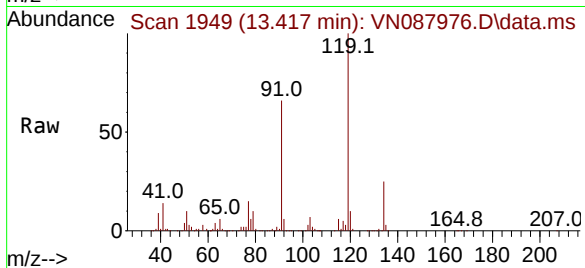
Tgt Ion:119 Resp: 522293

Ion Ratio Lower Upper

119 100

91 65.2 32.1 96.3

134 26.9 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 51.943 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087976.D

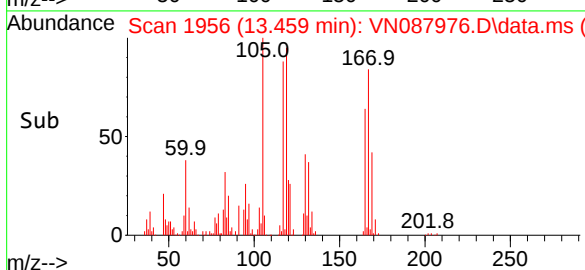
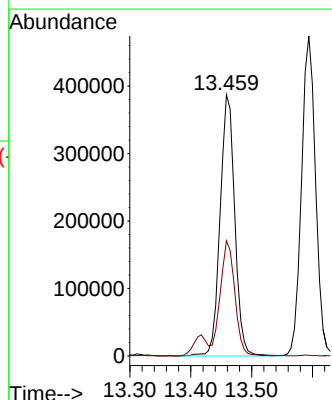
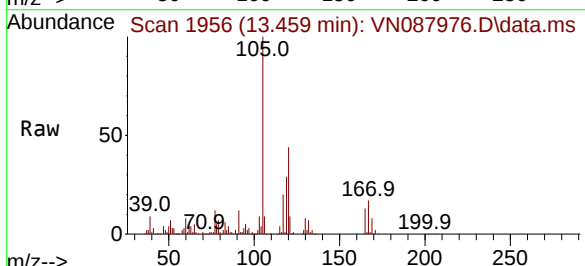
Acq: 29 Sep 2025 12:35

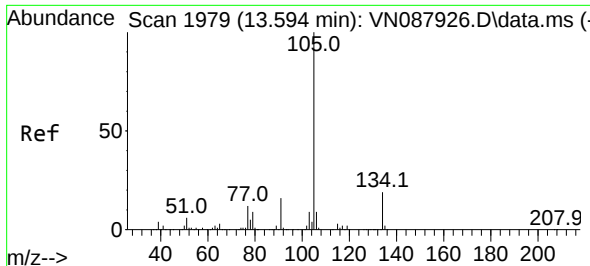
Tgt Ion:105 Resp: 647417

Ion Ratio Lower Upper

105 100

120 43.9 22.4 67.3

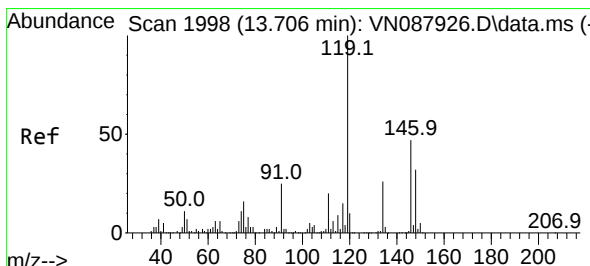
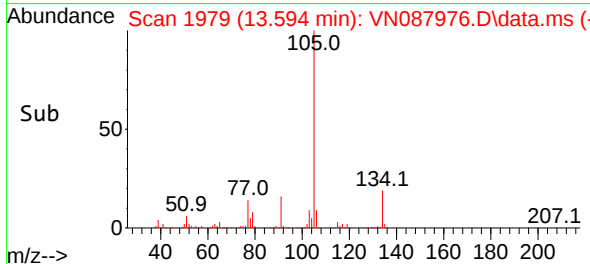
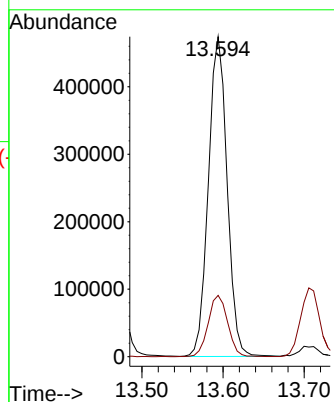
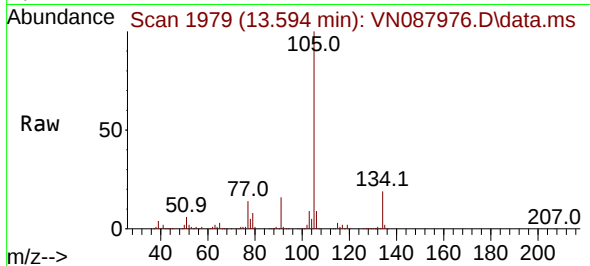




#85
 sec-Butylbenzene
 Concen: 50.372 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

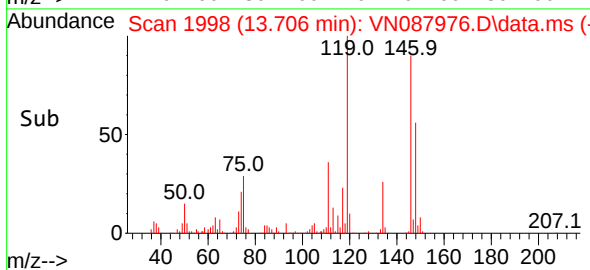
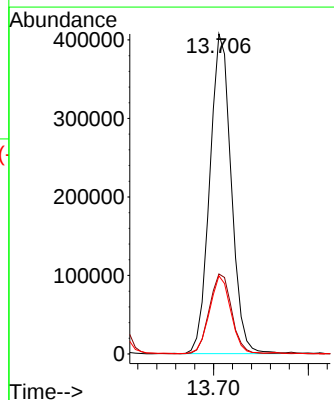
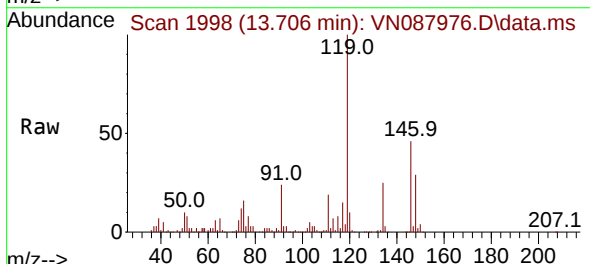
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

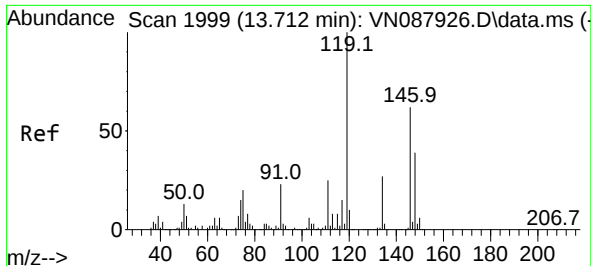
Tgt Ion:105 Resp: 759591
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 50.175 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087976.D
 Acq: 29 Sep 2025 12:35

Tgt Ion:119 Resp: 640822
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 50.735 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

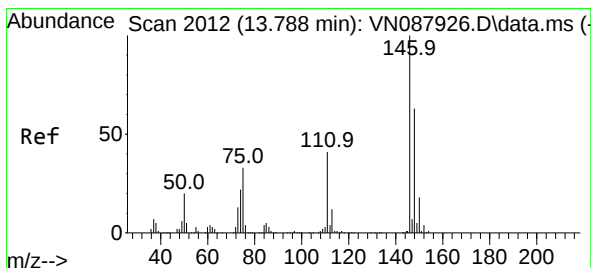
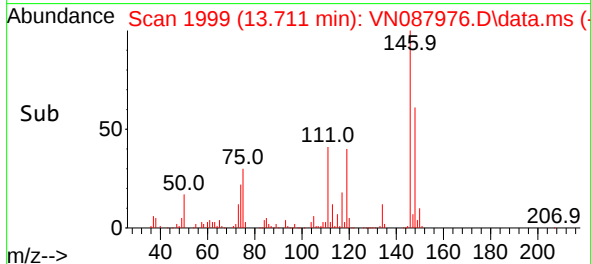
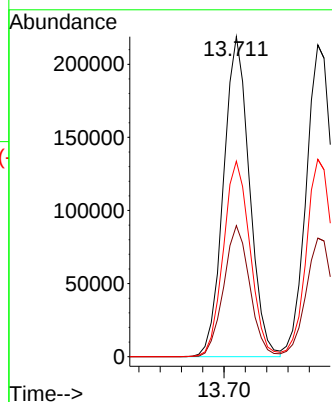
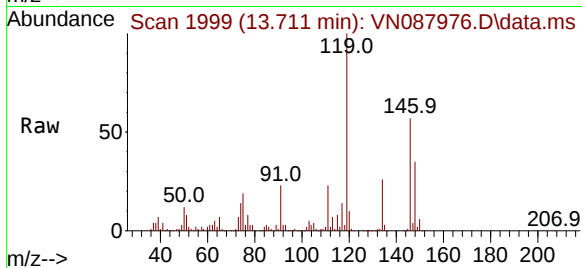
Tgt Ion:146 Resp: 370068

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.8

148 62.8 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 50.442 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

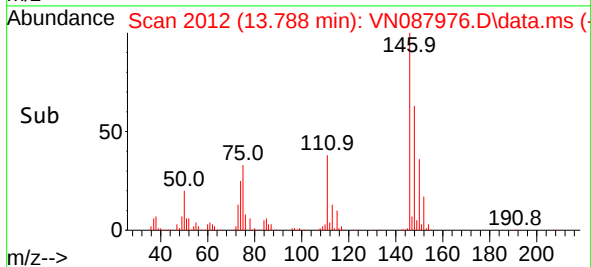
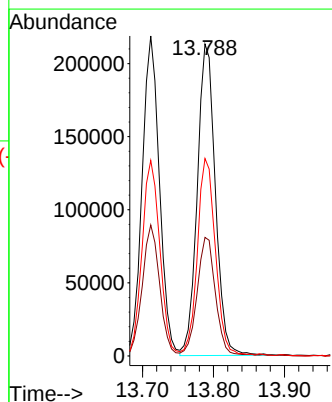
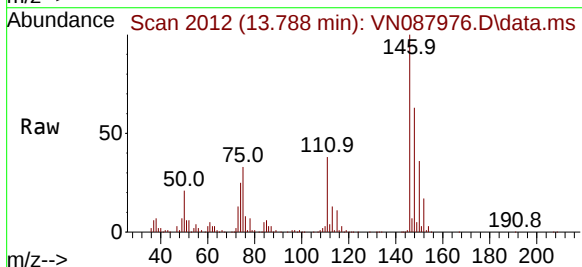
Tgt Ion:146 Resp: 378118

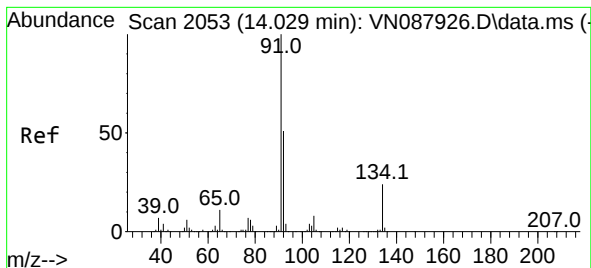
Ion Ratio Lower Upper

146 100

111 38.6 20.5 61.5

148 62.8 32.8 98.4





#89

n-Butylbenzene

Concen: 50.033 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

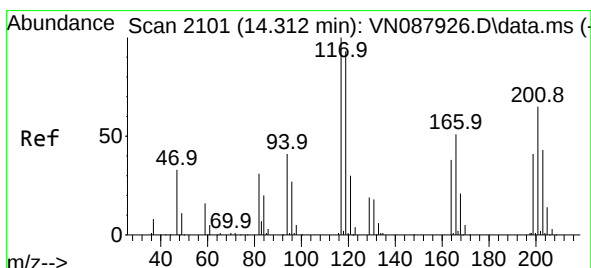
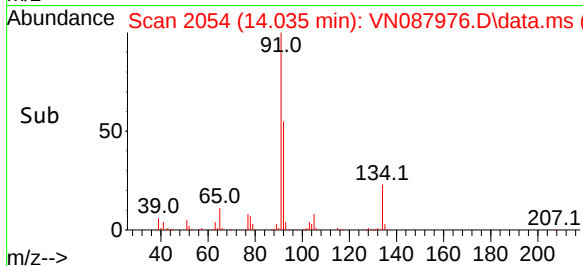
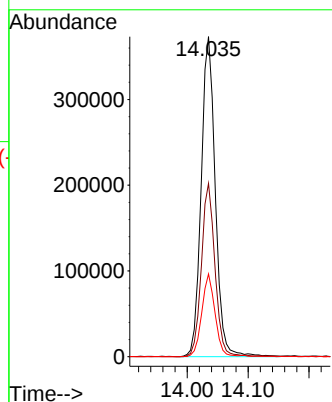
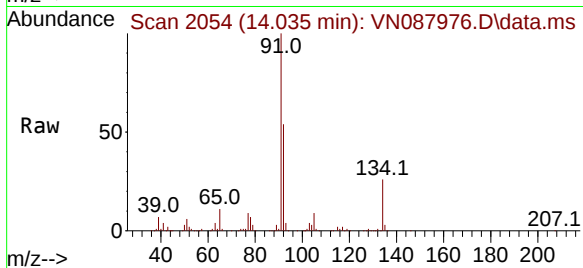
Tgt Ion: 91 Resp: 603893

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 24.4 12.6 37.8



#90

Hexachloroethane

Concen: 48.555 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087976.D

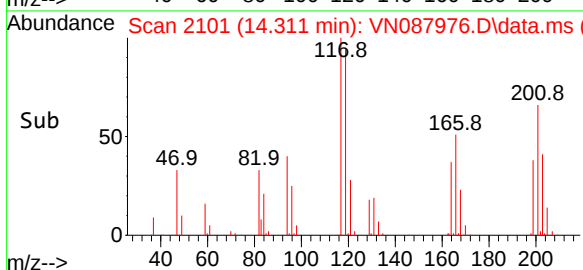
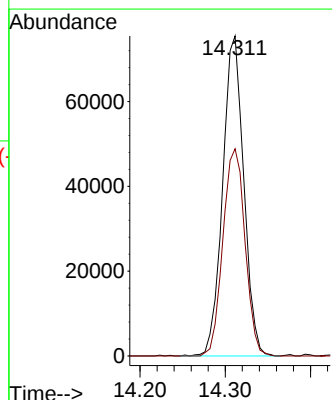
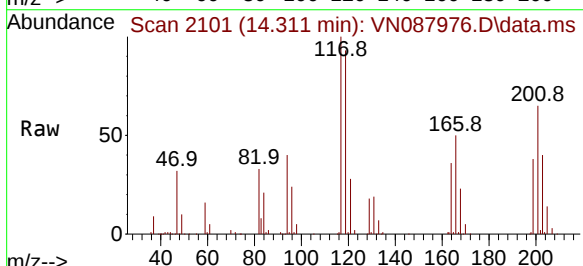
Acq: 29 Sep 2025 12:35

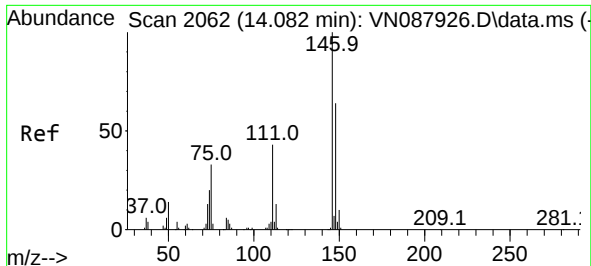
Tgt Ion: 117 Resp: 129537

Ion Ratio Lower Upper

117 100

201 67.8 33.6 100.6

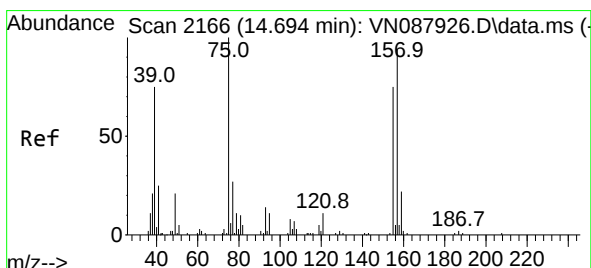
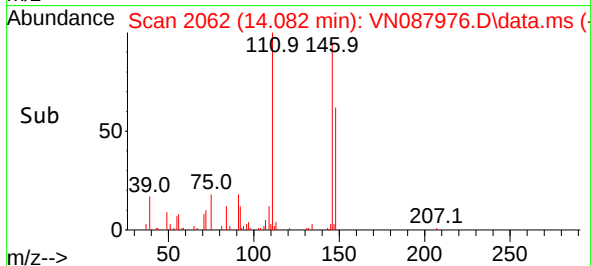
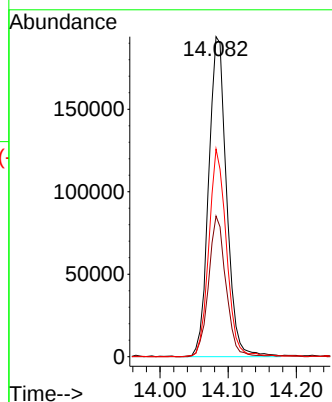
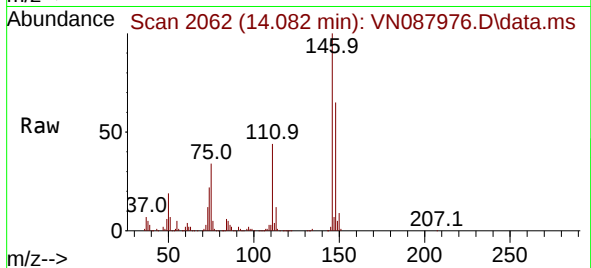




#91
1,2-Dichlorobenzene
Concen: 50.405 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

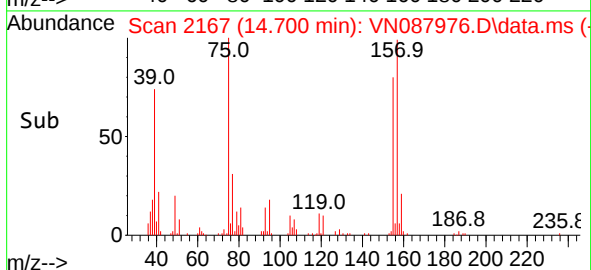
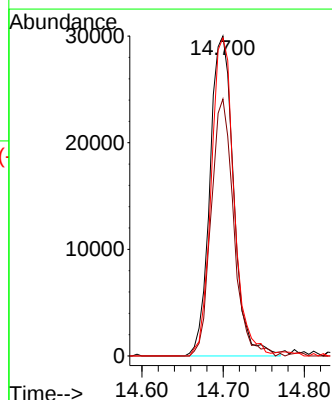
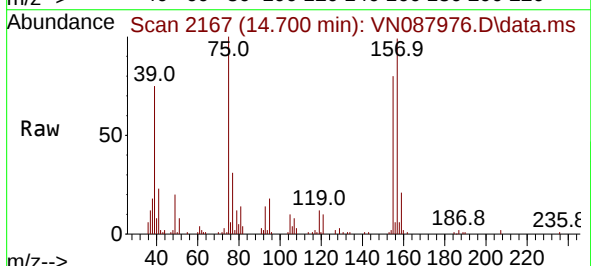
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

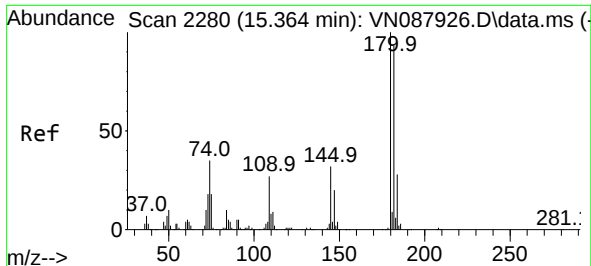
Tgt Ion:146 Resp: 354388
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.7
148 63.8 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.776 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion: 75 Resp: 60895
Ion Ratio Lower Upper
75 100
155 76.5 40.2 120.6
157 95.2 50.9 152.7

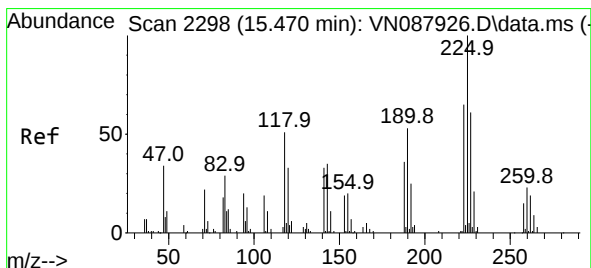
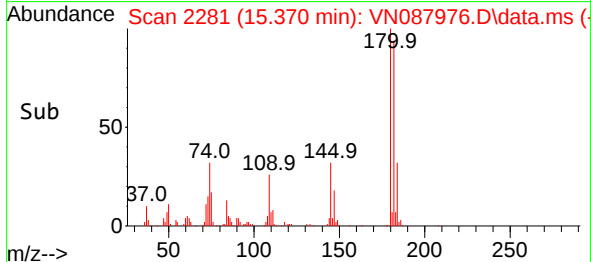
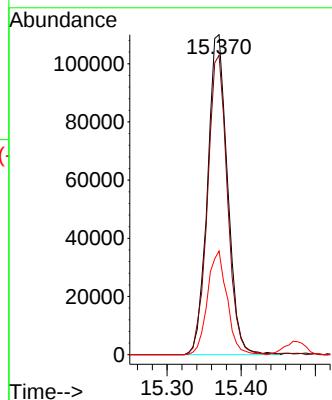
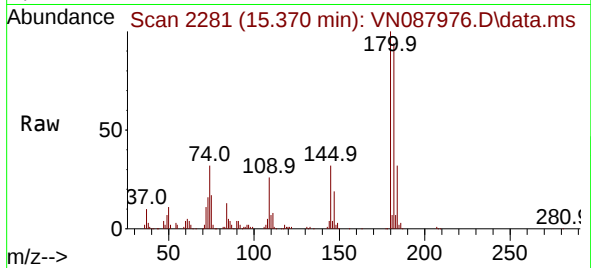




#93
1,2,4-Trichlorobenzene
Concen: 49.861 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

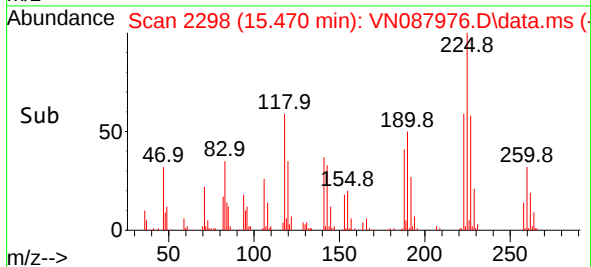
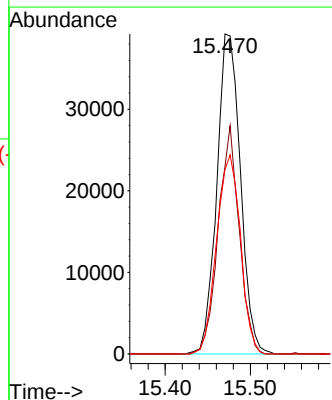
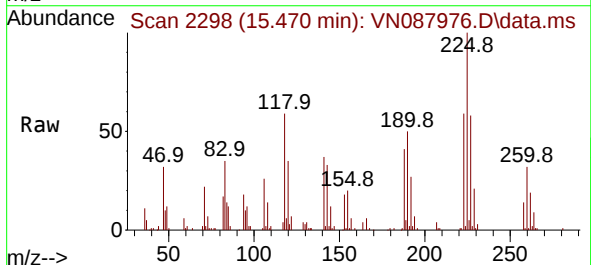
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

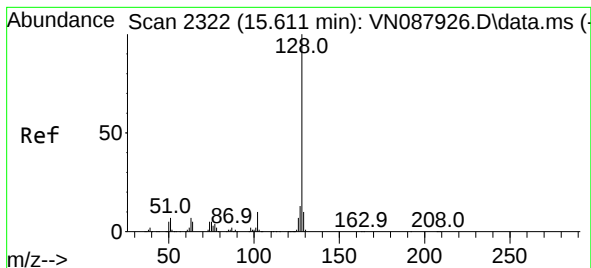
Tgt Ion:180 Resp: 206986
Ion Ratio Lower Upper
180 100
182 92.8 48.5 145.5
145 31.6 15.9 47.6



#94
Hexachlorobutadiene
Concen: 49.547 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN087976.D
Acq: 29 Sep 2025 12:35

Tgt Ion:225 Resp: 75705
Ion Ratio Lower Upper
225 100
223 63.3 31.8 95.4
227 62.7 31.9 95.9





#95

Naphthalene

Concen: 52.931 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

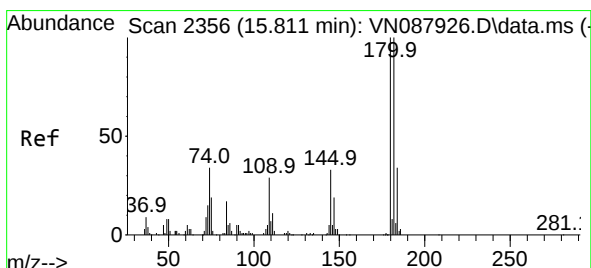
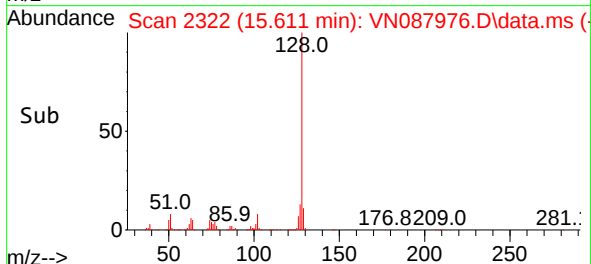
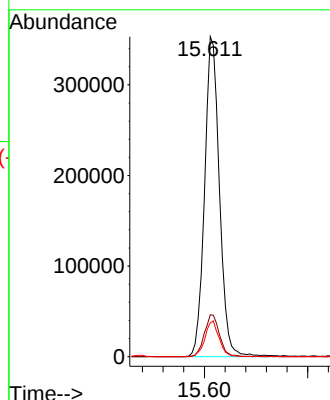
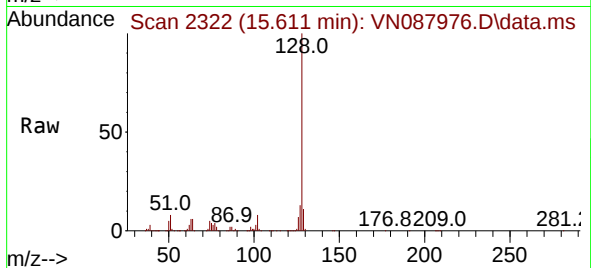
Tgt Ion:128 Resp: 705336

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.063 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Tgt Ion:180 Resp: 198006

Ion Ratio Lower Upper

180 100

182 96.4 47.3 142.0

145 33.8 16.1 48.3

