

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087074.D
 Acq On : 18 Jun 2025 10:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 19 01:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	217200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	377846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134796	46.352	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.700%
35) Dibromofluoromethane	8.177	113	119311	53.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.560%
50) Toluene-d8	10.565	98	439174	49.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.847	95	168714	51.228	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	112043	51.737	ug/l	99
3) Chloromethane	2.395	50	119690	42.800	ug/l	98
4) Vinyl Chloride	2.553	62	153199	53.107	ug/l	100
5) Bromomethane	2.989	94	81040	50.200	ug/l	92
6) Chloroethane	3.153	64	97432	52.288	ug/l	96
7) Trichlorofluoromethane	3.530	101	196353	52.096	ug/l	99
8) Diethyl Ether	3.983	74	82789	50.415	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.394	101	123329	52.082	ug/l	99
10) Methyl Iodide	4.618	142	108696	35.410	ug/l	97
11) Tert butyl alcohol	5.536	59	166122	210.527	ug/l	100
12) 1,1-Dichloroethene	4.365	96	125476	51.903	ug/l	94
13) Acrolein	4.206	56	40962	163.999	ug/l	99
14) Allyl chloride	5.047	41	180796	45.094	ug/l	95
15) Acrylonitrile	5.736	53	422547	229.103	ug/l	99
16) Acetone	4.441	43	378344	245.332	ug/l	97
17) Carbon Disulfide	4.736	76	361644	54.081	ug/l	100
18) Methyl Acetate	5.047	43	175895	39.139	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	427520	48.841	ug/l	100
20) Methylene Chloride	5.300	84	140573	48.688	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	135523	50.386	ug/l	92
22) Diisopropyl ether	6.688	45	385594	45.626	ug/l	95
23) Vinyl Acetate	6.618	43	1694540	237.318	ug/l	98
24) 1,1-Dichloroethane	6.583	63	239648	49.275	ug/l	97
25) 2-Butanone	7.488	43	531419	211.995	ug/l	94
26) 2,2-Dichloropropane	7.500	77	210034	55.517	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	159887	49.705	ug/l	98
28) Bromochloromethane	7.824	49	105918	44.293	ug/l	92
29) Tetrahydrofuran	7.847	42	345560	211.614	ug/l	95
30) Chloroform	7.977	83	234823	48.348	ug/l	99
31) Cyclohexane	8.265	56	213255	45.214	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	200791	48.606	ug/l	97
36) 1,1-Dichloropropene	8.377	75	176467	52.888	ug/l	99
37) Ethyl Acetate	7.571	43	200717	47.255	ug/l	99
38) Carbon Tetrachloride	8.371	117	170212	51.960	ug/l	98
39) Methylcyclohexane	9.606	83	206075	45.080	ug/l	95
40) Benzene	8.612	78	554750	50.844	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	105242	44.118	ug/l	93
42) 1,2-Dichloroethane	8.677	62	164239	49.628	ug/l	99
43) Isopropyl Acetate	8.694	43	308186	45.206	ug/l	95
44) Trichloroethene	9.359	130	138049	53.359	ug/l	99
45) 1,2-Dichloropropane	9.623	63	136071	51.261	ug/l	97
46) Dibromomethane	9.712	93	93780	53.189	ug/l	100
47) Bromodichloromethane	9.888	83	185449	51.121	ug/l	98
48) Methyl methacrylate	9.682	41	143772	45.820	ug/l	94
49) 1,4-Dioxane	9.706	88	54618	956.815	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	952300	232.037	ug/l	97
52) Toluene	10.629	92	344814	51.712	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	212676	52.430	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	228528	52.653	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	130864	51.005	ug/l	97
56) Ethyl methacrylate	10.876	69	218942	53.576	ug/l	93
57) 1,3-Dichloropropane	11.165	76	224646	50.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	571062	234.289	ug/l	98
59) 2-Hexanone	11.200	43	642002	242.852	ug/l	92
60) Dibromochloromethane	11.359	129	141610	52.974	ug/l	99
61) 1,2-Dibromoethane	11.470	107	137281	52.202	ug/l	99
64) Tetrachloroethene	11.106	164	107143	51.300	ug/l	96
65) Chlorobenzene	11.888	112	375806	51.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	121849	52.079	ug/l	98
67) Ethyl Benzene	11.965	91	637921	50.882	ug/l	99
68) m/p-Xylenes	12.070	106	503996	105.015	ug/l	99
69) o-Xylene	12.394	106	241725	52.589	ug/l	98
70) Styrene	12.412	104	416344	52.934	ug/l	99
71) Bromoform	12.576	173	95724	55.217	ug/l #	98
73) Isopropylbenzene	12.694	105	589954	49.378	ug/l	99
74) N-amyl acetate	12.512	43	185811	44.506	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	201817	49.861	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	274180	70.332	ug/l	71
77) Bromobenzene	12.976	156	145188	52.988	ug/l	96
78) n-propylbenzene	13.035	91	704268	48.505	ug/l	99
79) 2-Chlorotoluene	13.123	91	427130	49.053	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	489295	49.603	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	87912	51.911	ug/l #	84
82) 4-Chlorotoluene	13.217	91	443322	50.317	ug/l	99
83) tert-Butylbenzene	13.435	119	411961	45.624	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	495408	50.084	ug/l	99
85) sec-Butylbenzene	13.611	105	590317	45.019	ug/l	100
86) p-Isopropyltoluene	13.729	119	502465	46.356	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	279631	51.871	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	282492	51.398	ug/l	99
89) n-Butylbenzene	14.053	91	437343	41.655	ug/l	99
90) Hexachloroethane	14.329	117	87508	47.628	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	264771	51.121	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45316	46.814	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	147553	44.615	ug/l	99
94) Hexachlorobutadiene	15.500	225	44448	36.072	ug/l	97
95) Naphthalene	15.635	128	584462	47.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	141602	43.093	ug/l	99

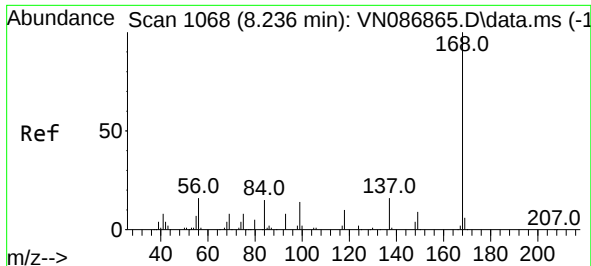
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Response via : Initial Calibration

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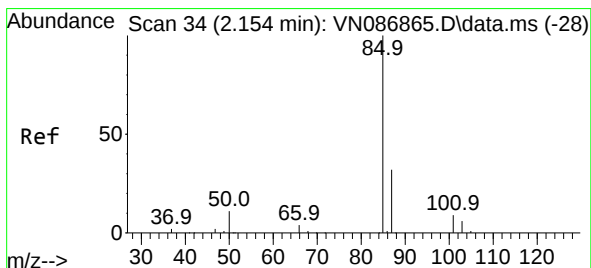
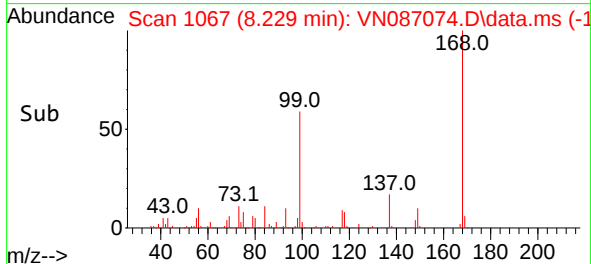
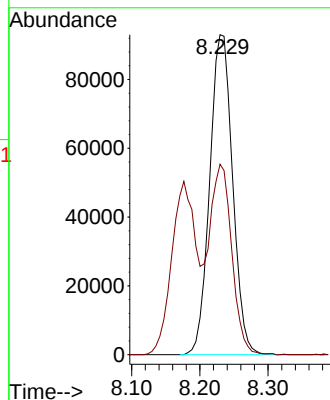
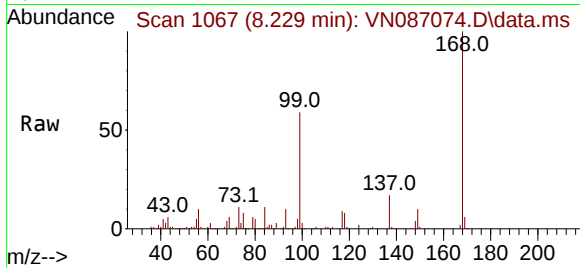
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 11
Delta R.T. -0.007 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

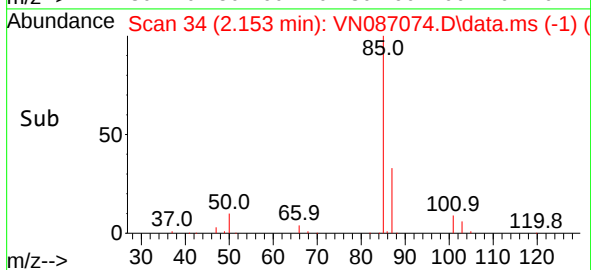
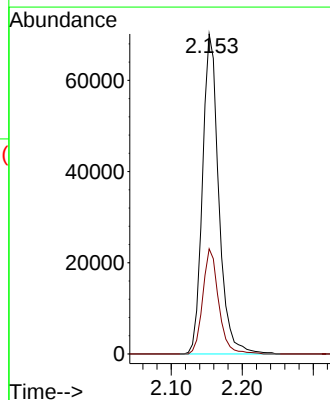
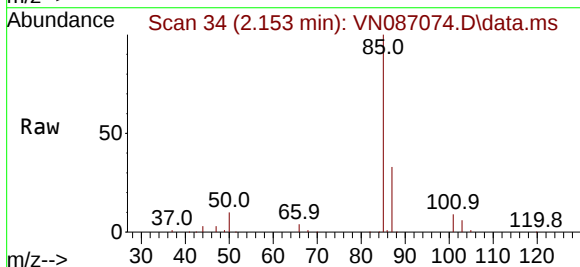
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 217200
Ion Ratio Lower Upper
168 100
99 59.5 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 51.737 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 85 Resp: 112043
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6

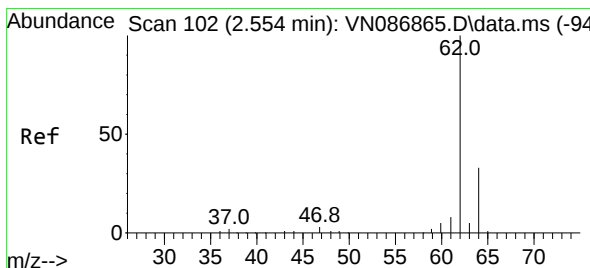
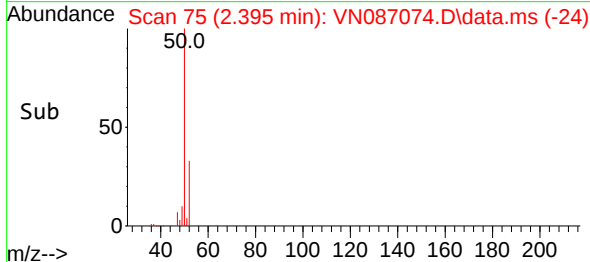
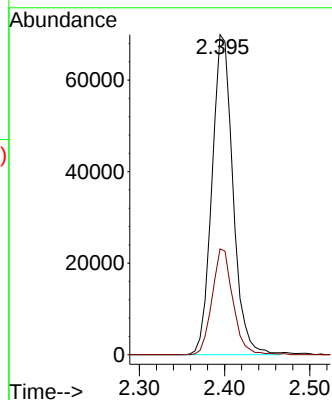
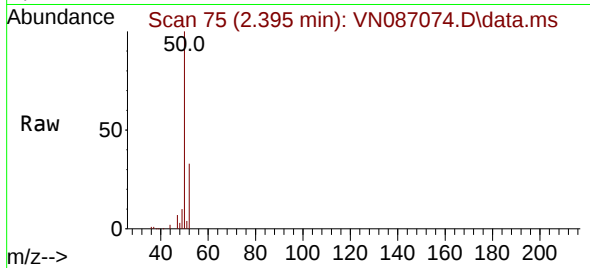




#3
Chloromethane
Concen: 42.800 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

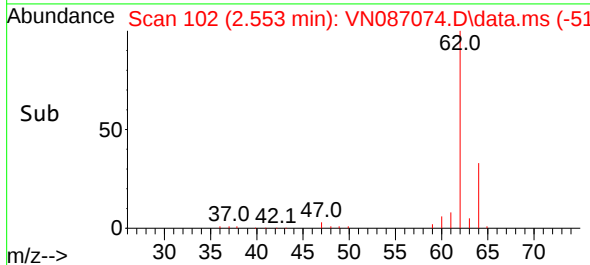
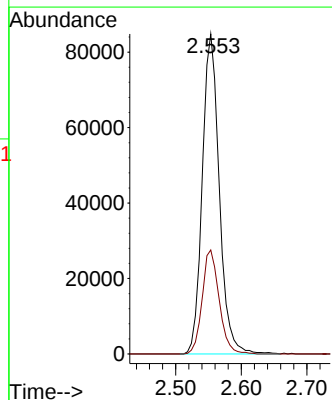
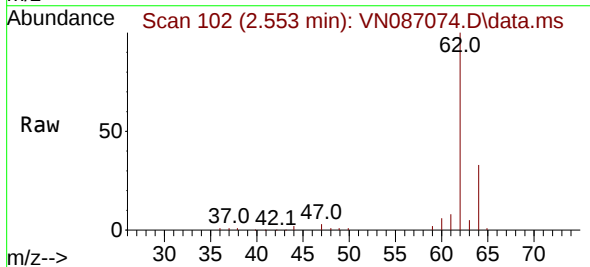
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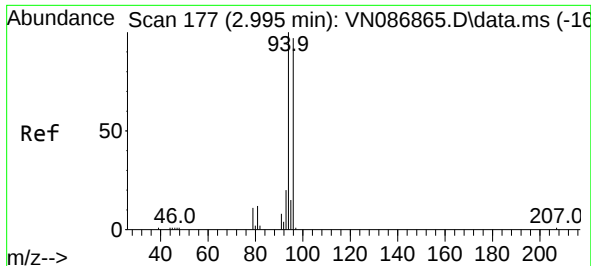
Tgt Ion: 50 Resp: 119690
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5



#4
Vinyl Chloride
Concen: 53.107 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 62 Resp: 153199
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

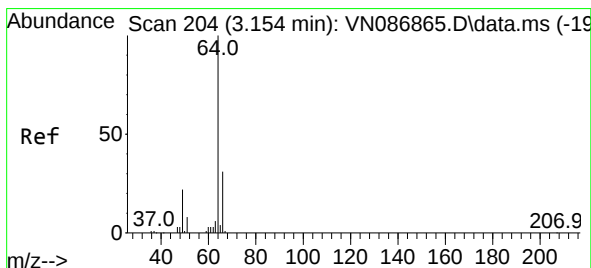
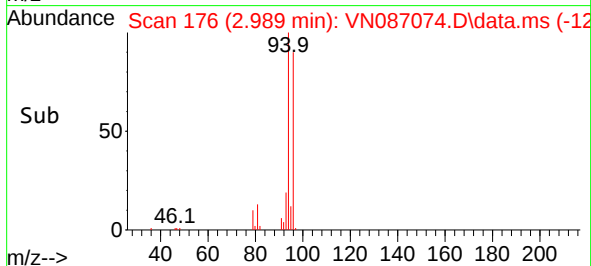
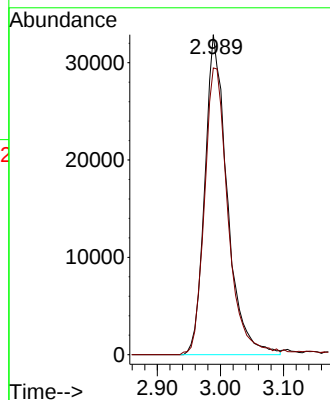
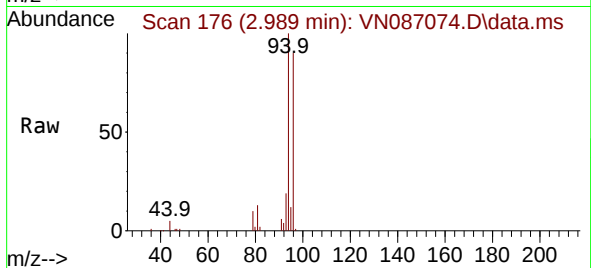




#5
Bromomethane
Concen: 50.200 ug/l
RT: 2.989 min Scan# 177
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

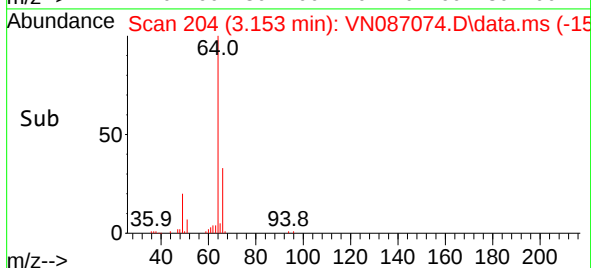
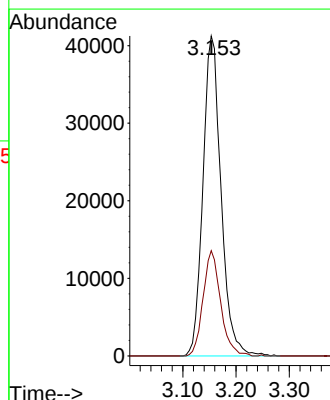
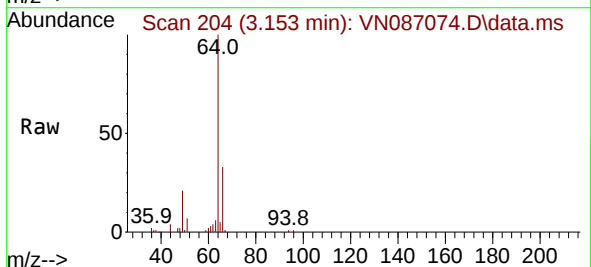
Instrument :
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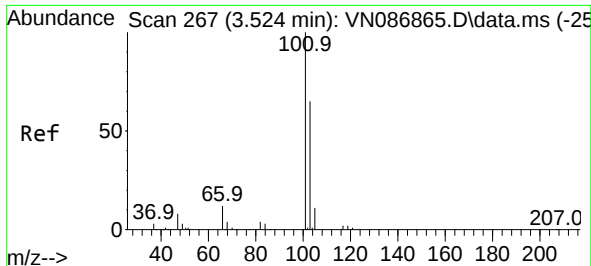
Tgt Ion: 94 Resp: 81040
Ion Ratio Lower Upper
94 100
96 89.6 77.9 116.9



#6
Chloroethane
Concen: 52.288 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 64 Resp: 97432
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8

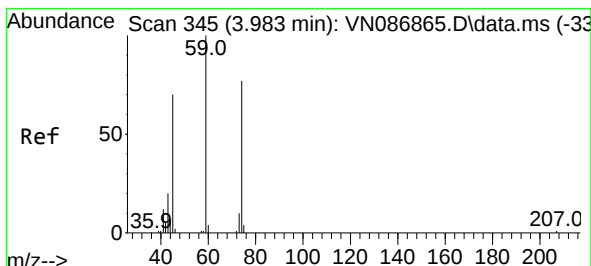
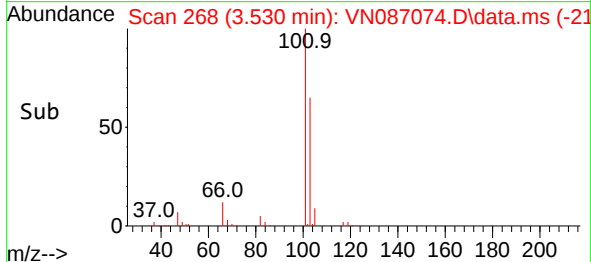
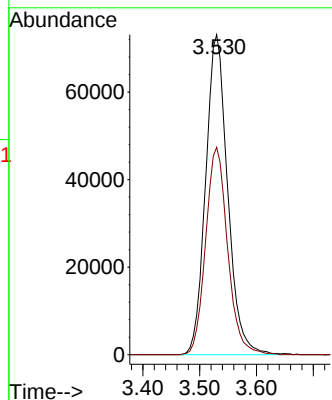
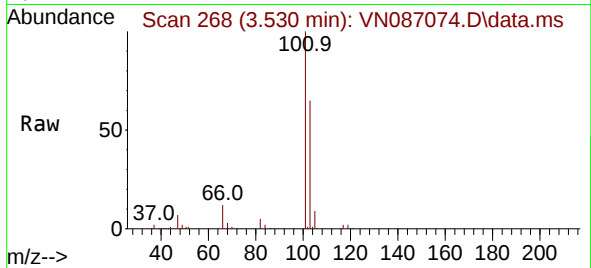




#7
 Trichlorofluoromethane
 Concen: 52.096 ug/l
 RT: 3.530 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

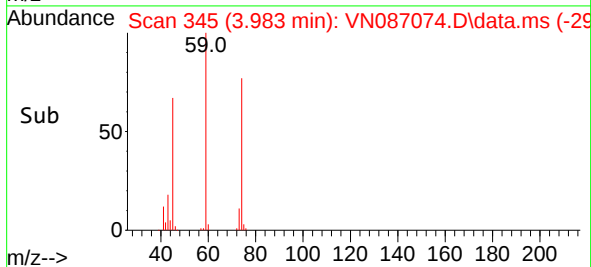
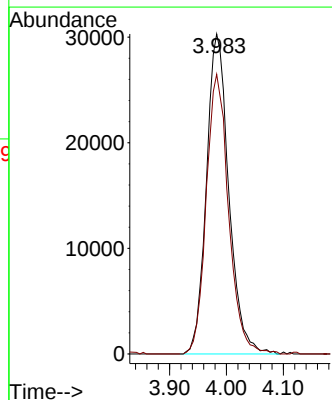
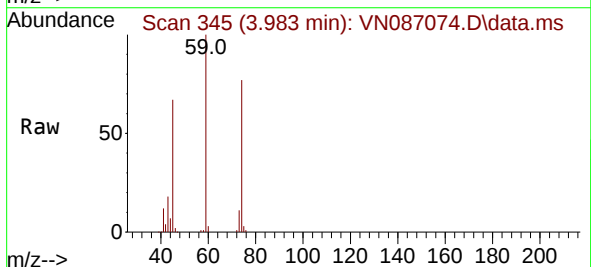
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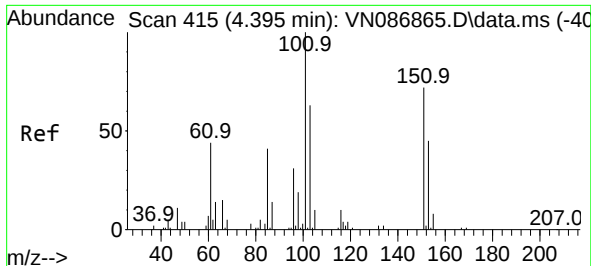
Tgt Ion:101 Resp: 196353
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.2



#8
 Diethyl Ether
 Concen: 50.415 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

Tgt Ion: 74 Resp: 82789
 Ion Ratio Lower Upper
 74 100
 45 87.4 45.5 136.5

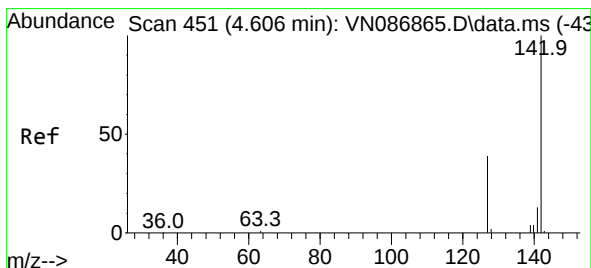
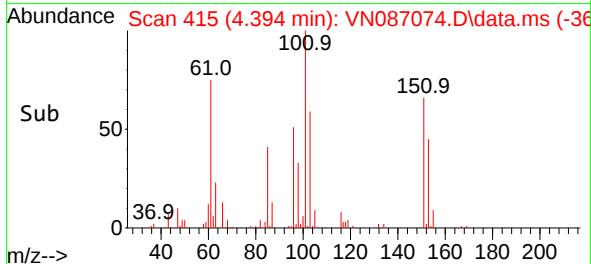
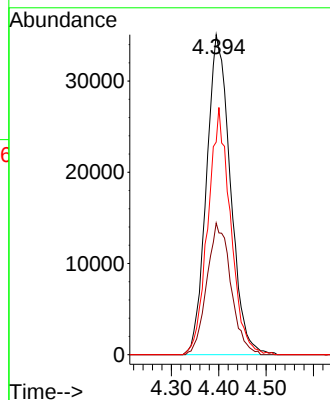
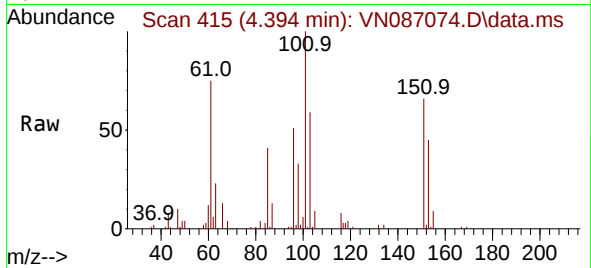




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.082 ug/l
RT: 4.394 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN087074.D
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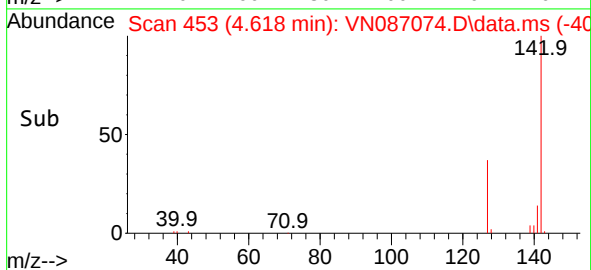
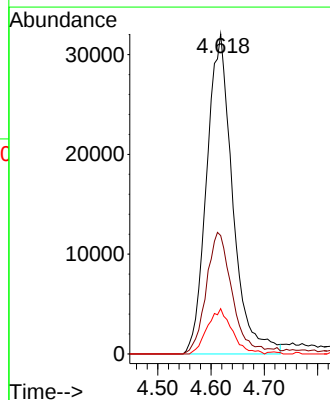
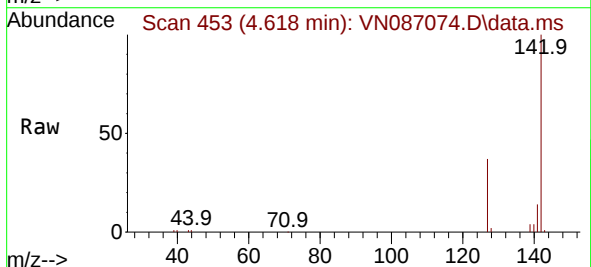
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 123329
Ion Ratio Lower Upper
101 100
85 41.2 33.8 50.8
151 73.1 58.7 88.1



#10
Methyl Iodide
Concen: 35.410 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:142 Resp: 108696
Ion Ratio Lower Upper
142 100
127 37.0 30.9 46.3
141 14.2 10.4 15.6

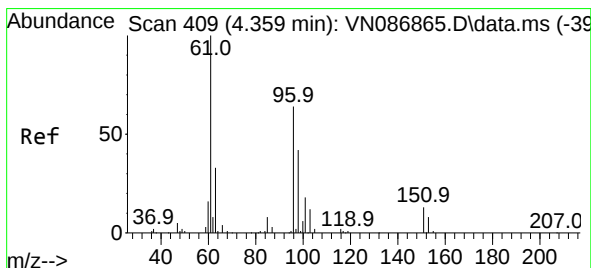
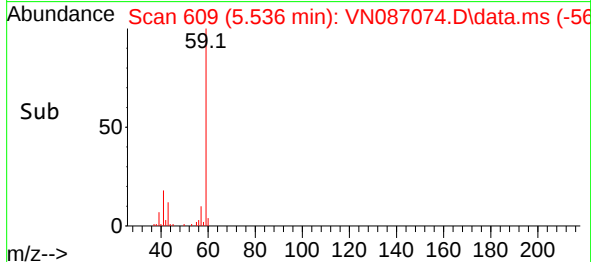
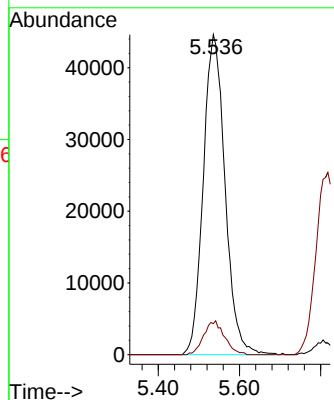
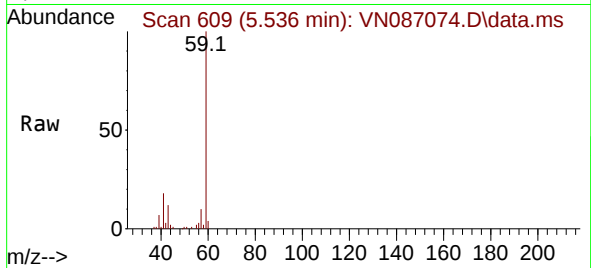




#11
Tert butyl alcohol
Concen: 210.527 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

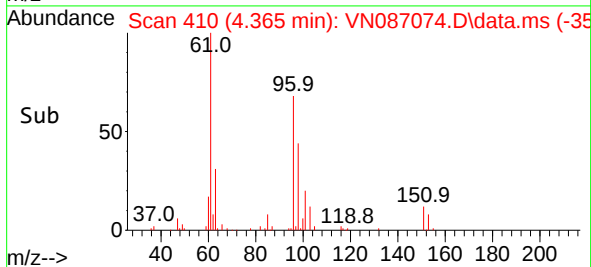
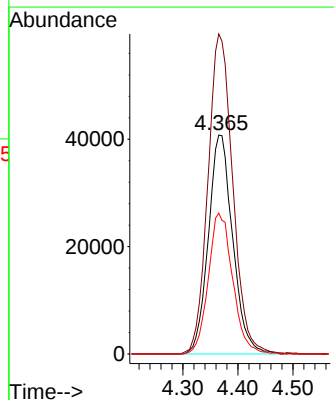
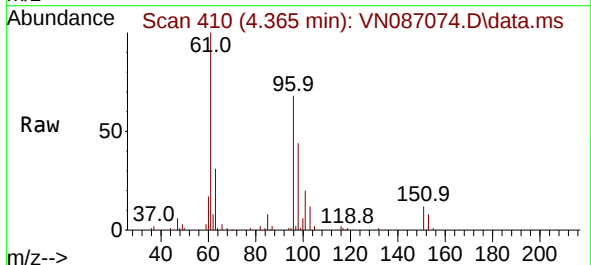
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

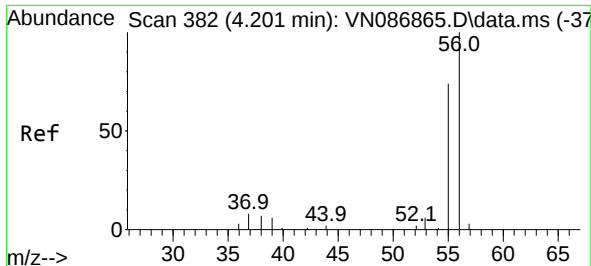
Tgt Ion: 59 Resp: 166122
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 51.903 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 96 Resp: 125476
Ion Ratio Lower Upper
96 100
61 146.1 125.8 188.6
98 64.3 52.5 78.7

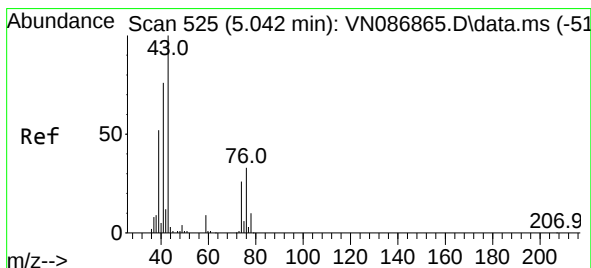
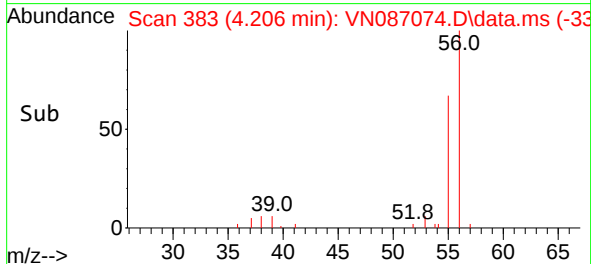
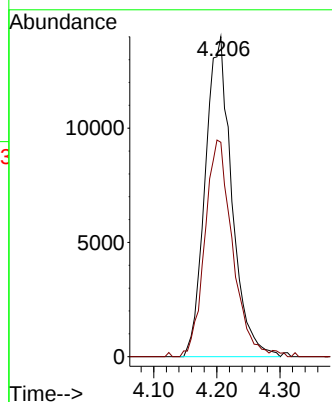
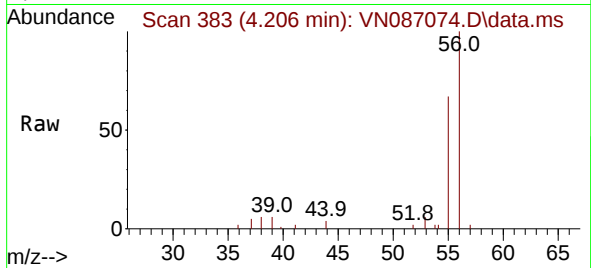




#13
Acrolein
Concen: 163.999 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

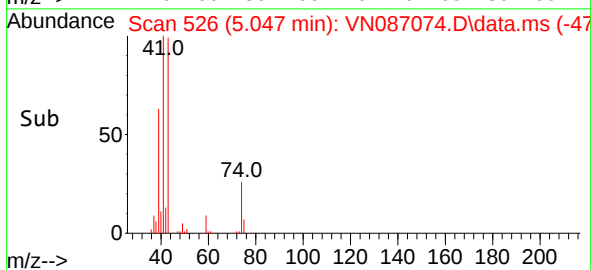
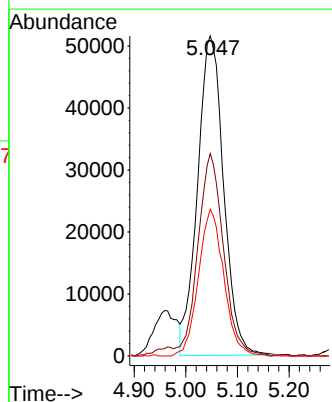
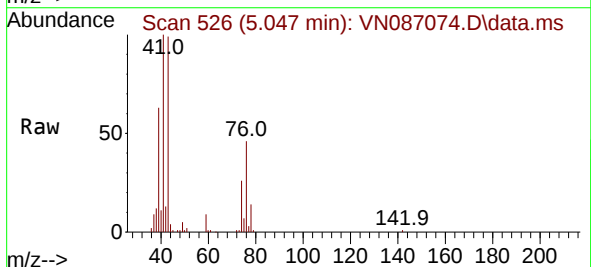
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 40962
Ion Ratio Lower Upper
56 100
55 69.9 55.6 83.4



#14
Allyl chloride
Concen: 45.094 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

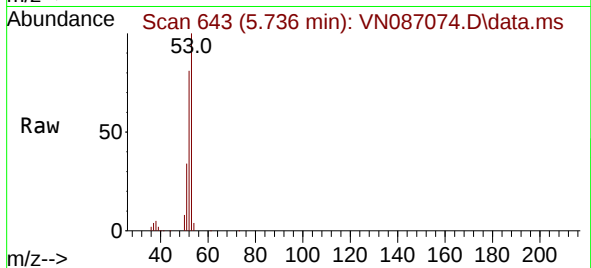
Tgt Ion: 41 Resp: 180796
Ion Ratio Lower Upper
41 100
39 62.1 51.3 76.9
76 44.5 31.4 47.0



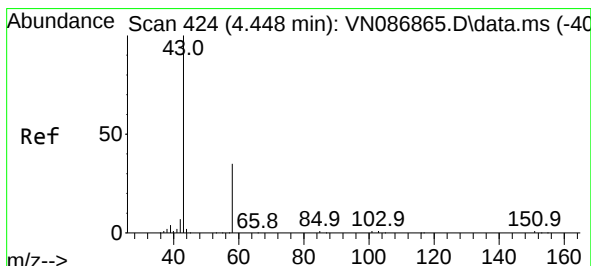
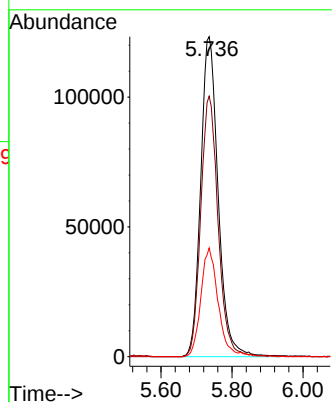
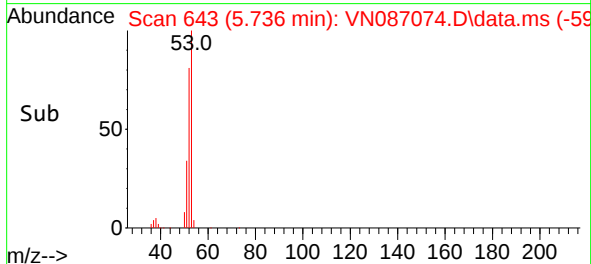


#15
Acrylonitrile
Concen: 229.103 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

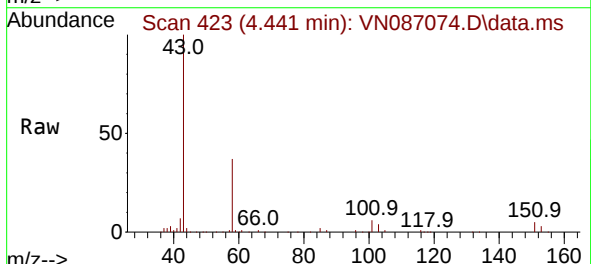
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



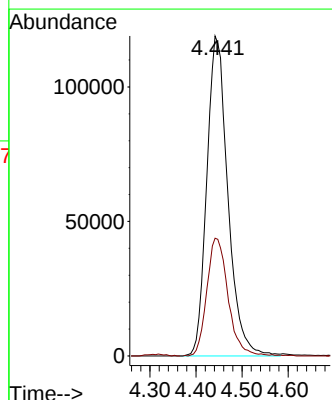
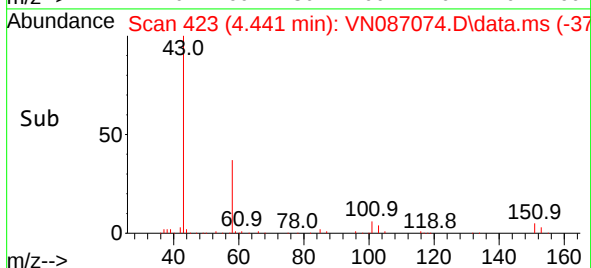
Tgt Ion: 53 Resp: 422547
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.6
51 33.7 27.2 40.8



#16
Acetone
Concen: 245.332 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21



Tgt Ion: 43 Resp: 378344
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

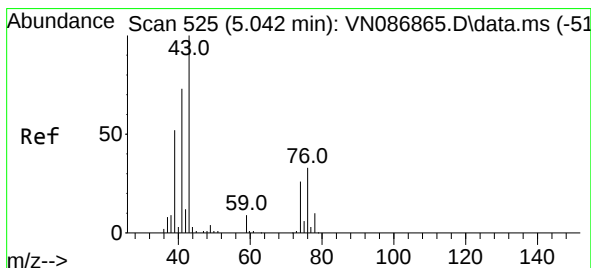
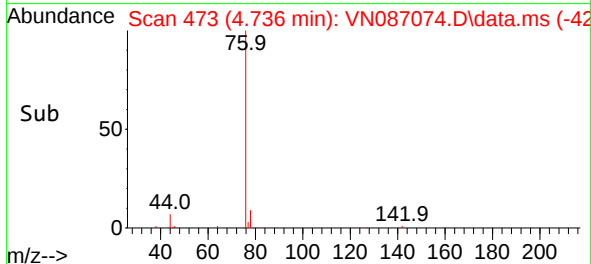
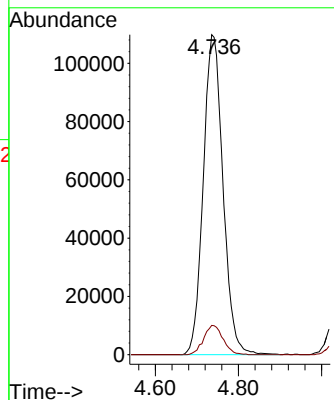
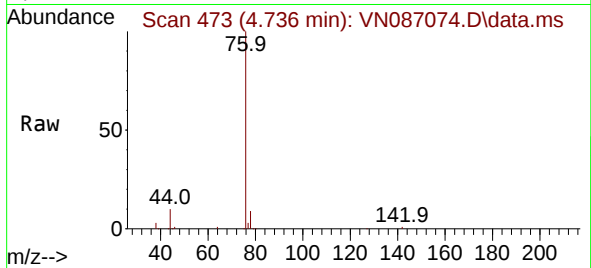




#17
Carbon Disulfide
Concen: 54.081 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

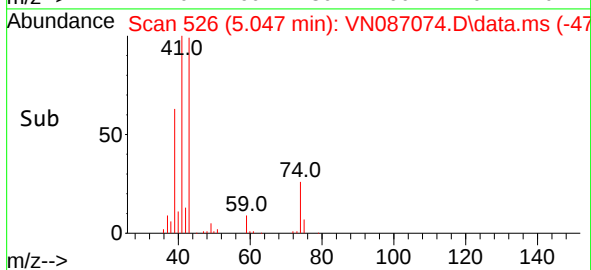
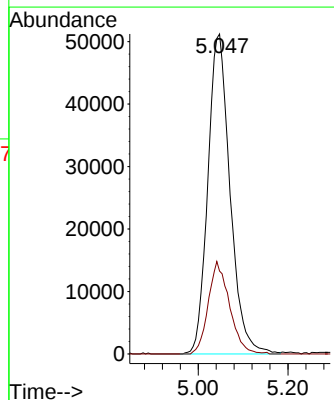
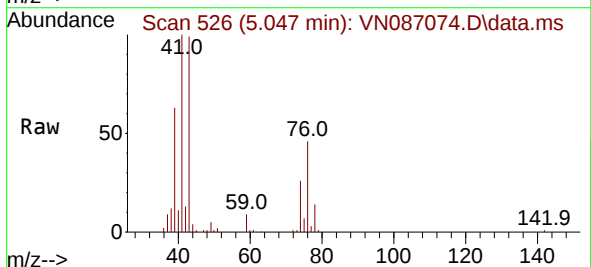
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

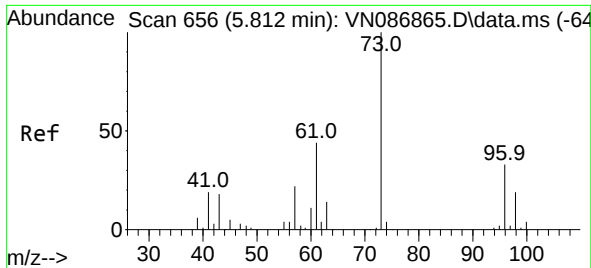
Tgt Ion: 76 Resp: 361644
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 39.139 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 43 Resp: 175895
Ion Ratio Lower Upper
43 100
74 27.6 20.7 31.1

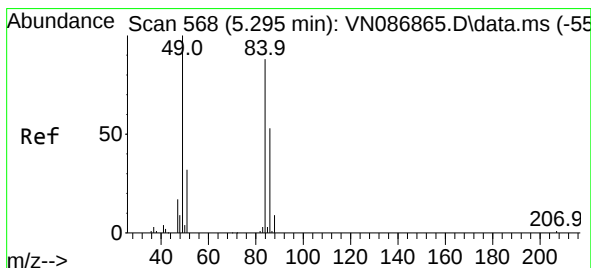
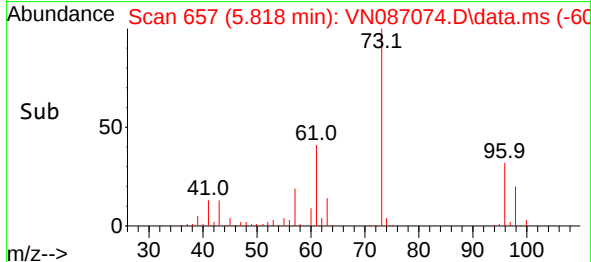
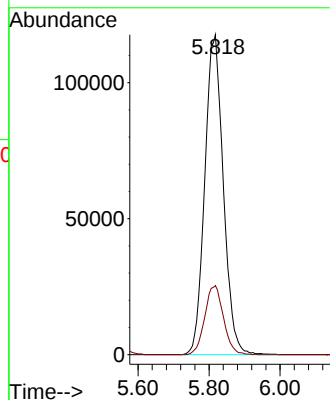
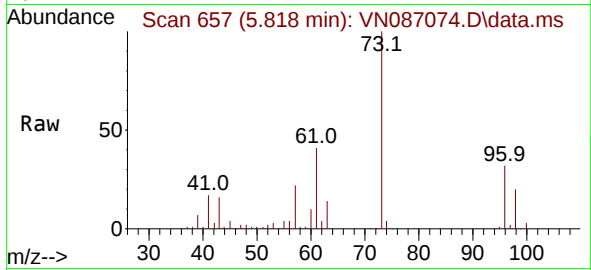




#19
Methyl tert-butyl Ether
Concen: 48.841 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

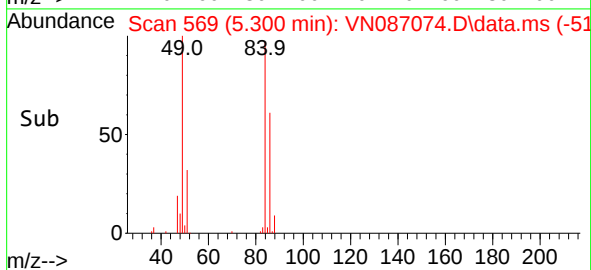
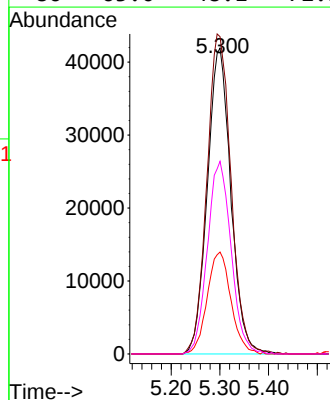
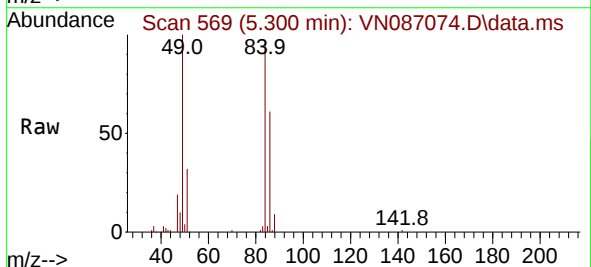
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

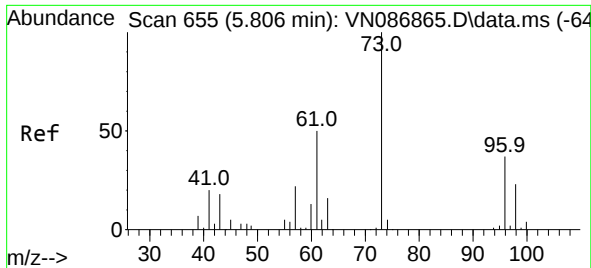
Tgt Ion: 73 Resp: 427520
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#20
Methylene Chloride
Concen: 48.688 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 84 Resp: 140573
Ion Ratio Lower Upper
84 100
49 103.7 90.5 135.7
51 33.3 28.5 42.7
86 63.0 48.1 72.1

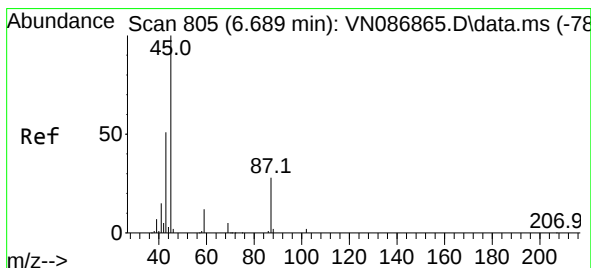
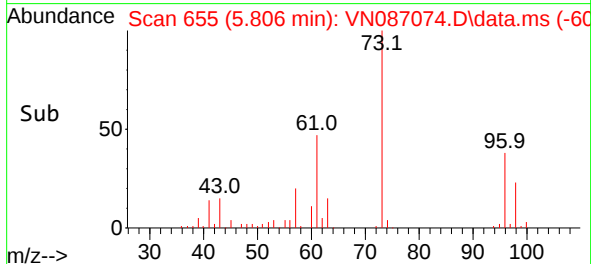
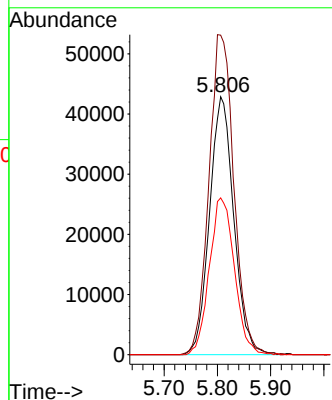
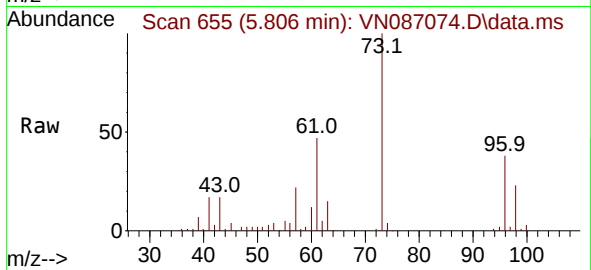




#21
trans-1,2-Dichloroethene
Concen: 50.386 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

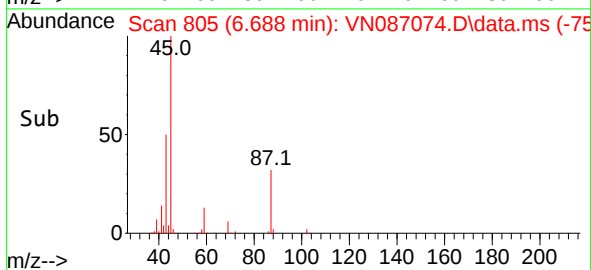
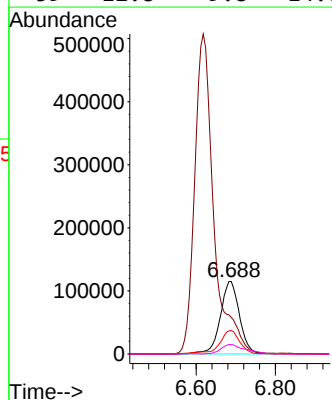
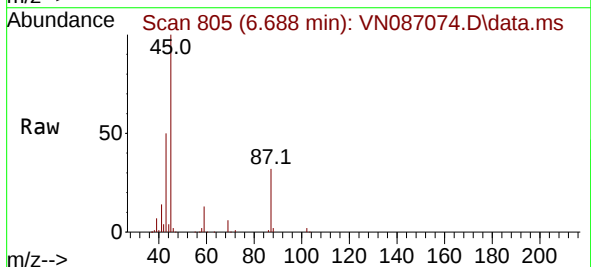
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 135523
Ion Ratio Lower Upper
96 100
61 123.8 109.2 163.8
98 60.8 49.8 74.8



#22
Diisopropyl ether
Concen: 45.626 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 45 Resp: 385594
Ion Ratio Lower Upper
45 100
43 49.2 41.9 62.9
87 32.3 22.4 33.6
59 12.8 9.8 14.6

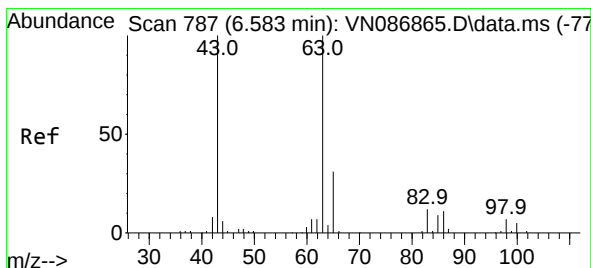
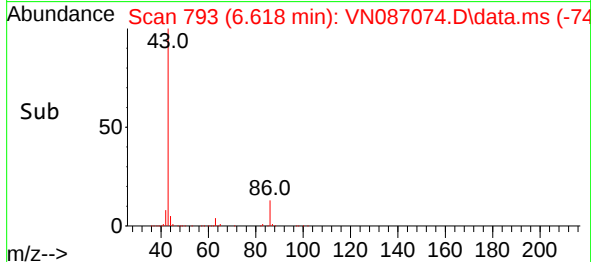
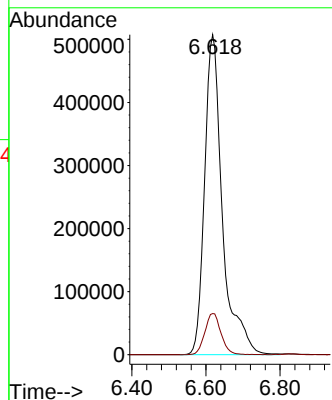
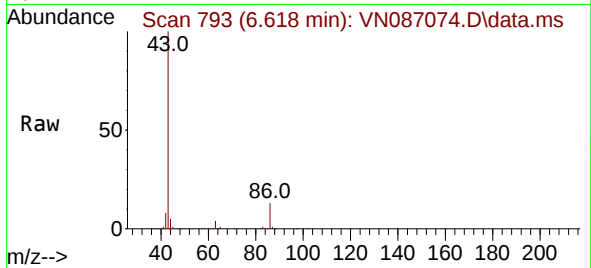




#23
 Vinyl Acetate
 Concen: 237.318 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

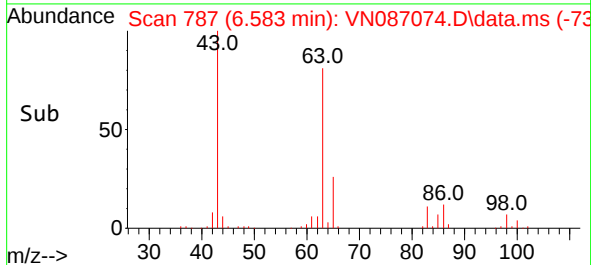
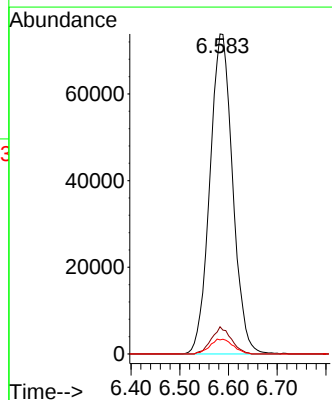
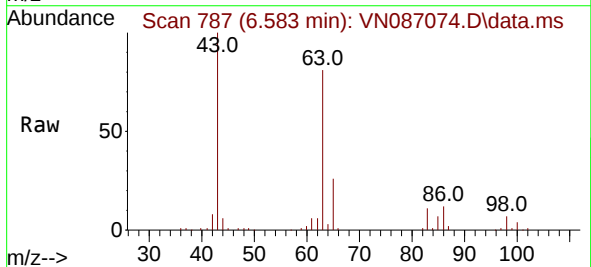
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1694540
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 49.275 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

Tgt Ion: 63 Resp: 239648
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 4.4 2.6 7.8

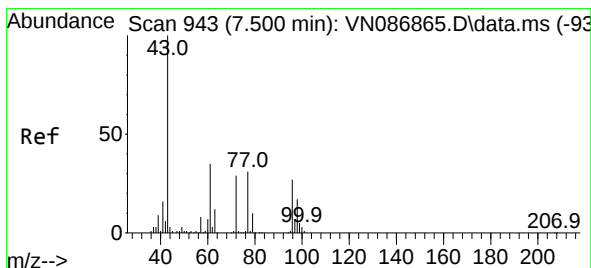
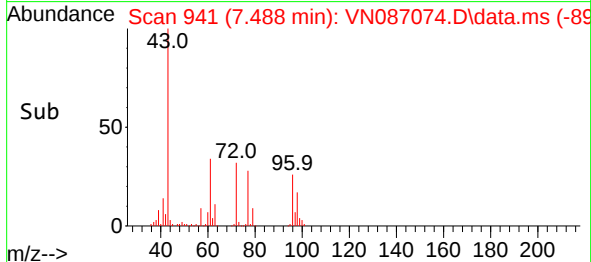
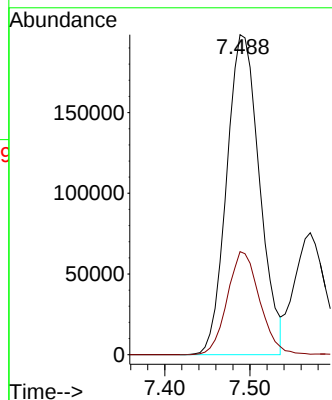
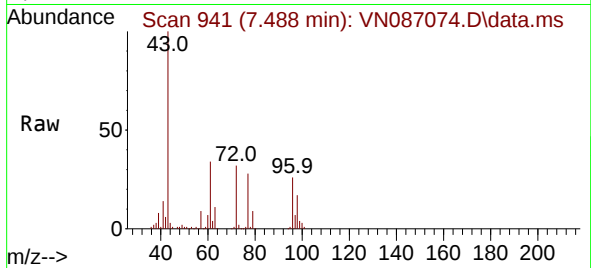




#25
2-Butanone
Concen: 211.995 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

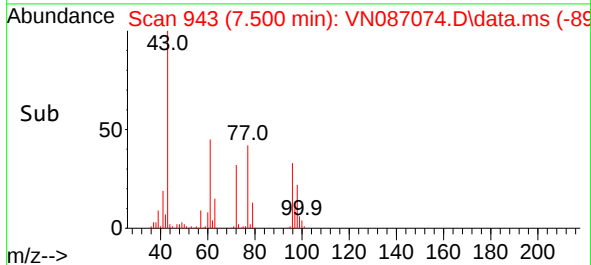
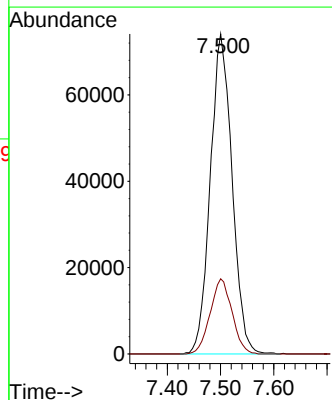
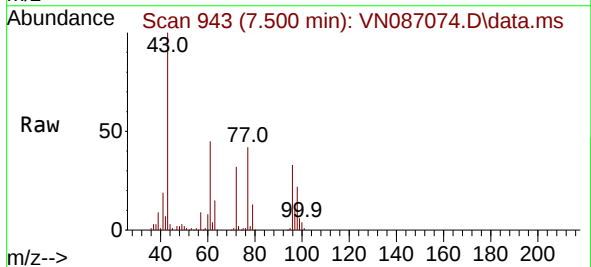
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 531419
Ion Ratio Lower Upper
43 100
72 32.2 23.0 34.6



#26
2,2-Dichloropropane
Concen: 55.517 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 77 Resp: 210034
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7

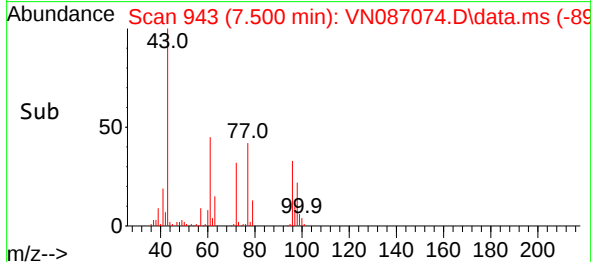
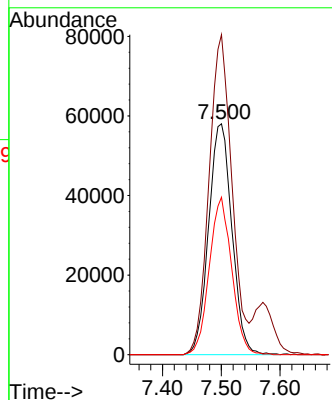
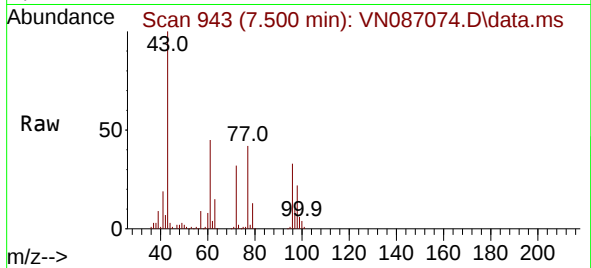




#27
 cis-1,2-Dichloroethene
 Concen: 49.705 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

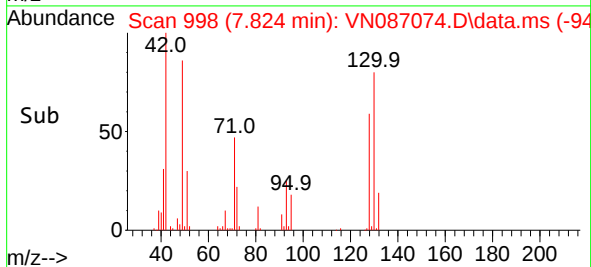
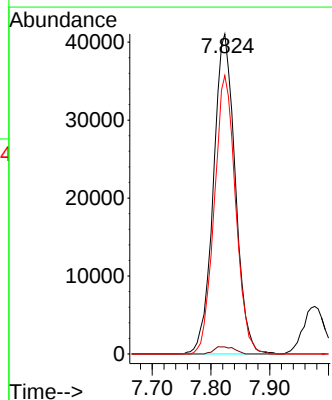
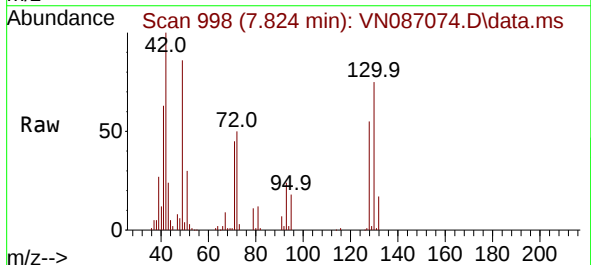
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 159887
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 278.0
 98 65.5 0.0 128.2



#28
 Bromochloromethane
 Concen: 44.293 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

Tgt Ion: 49 Resp: 105918
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 85.0 62.2 93.2





#29

Tetrahydrofuran

Concen: 211.614 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

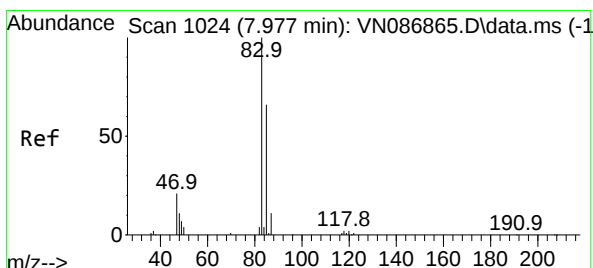
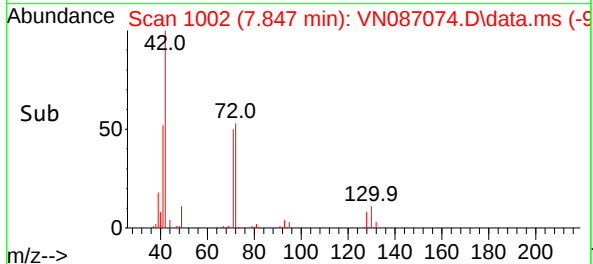
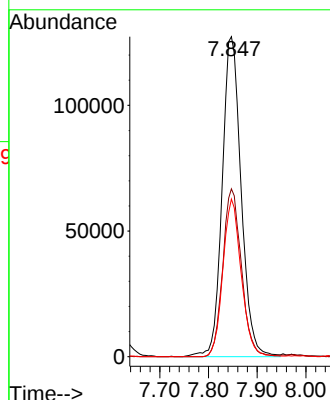
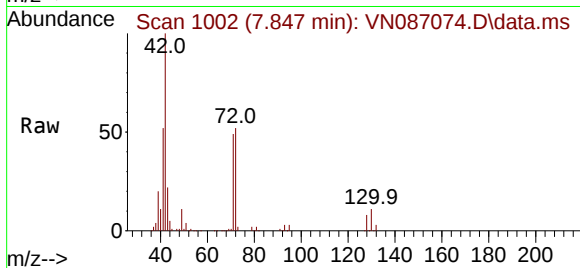
Tgt Ion: 42 Resp: 345560

Ion Ratio Lower Upper

42 100

72 51.3 37.8 56.6

71 47.6 35.6 53.4



#30

Chloroform

Concen: 48.348 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087074.D

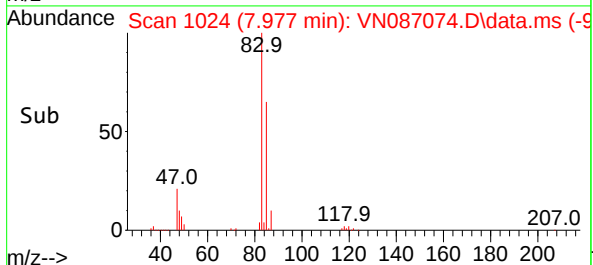
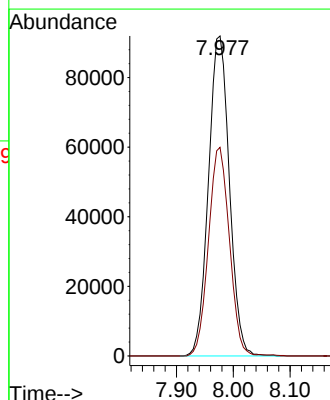
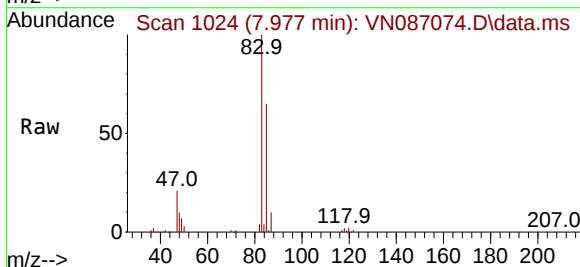
Acq: 18 Jun 2025 10:21

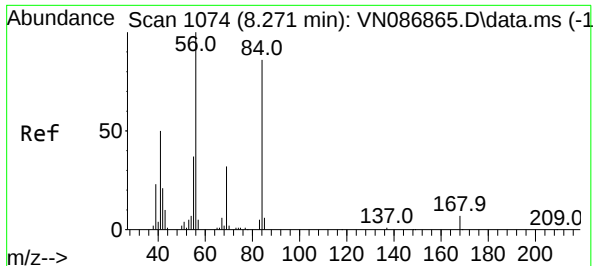
Tgt Ion: 83 Resp: 234823

Ion Ratio Lower Upper

83 100

85 65.2 52.9 79.3

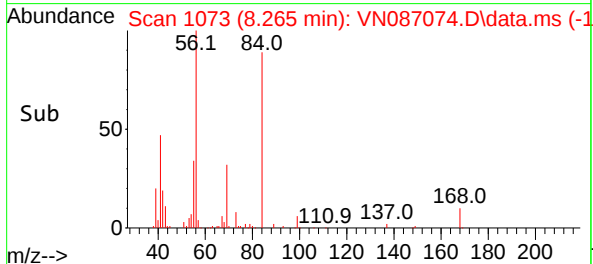
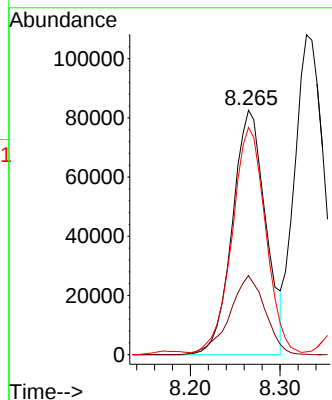
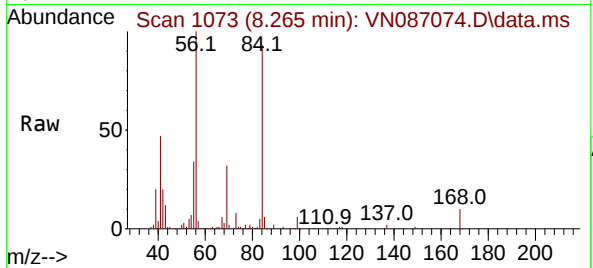




#31
Cyclohexane
Concen: 45.214 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

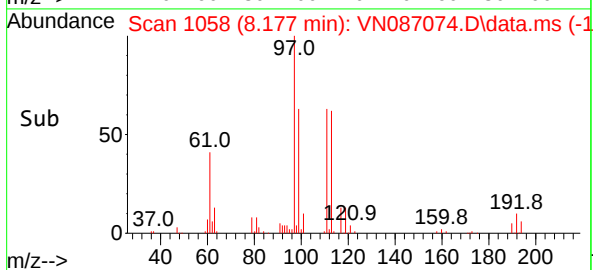
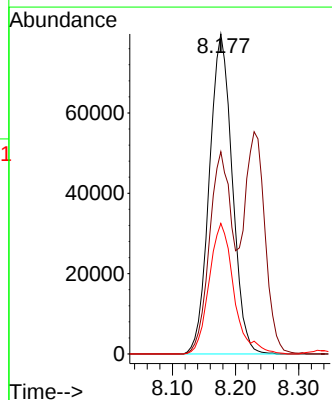
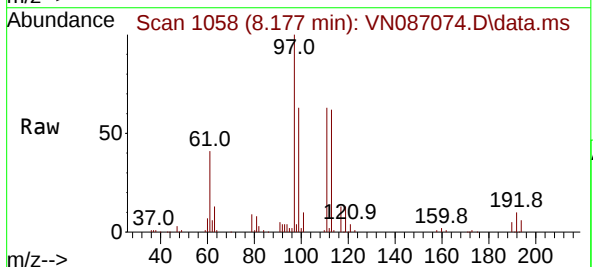
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

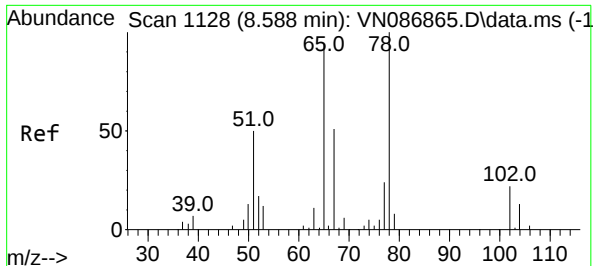
Tgt Ion: 56 Resp: 213255
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.0
84 91.6 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 48.606 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 97 Resp: 200791
Ion Ratio Lower Upper
97 100
99 61.1 52.0 78.0
61 44.1 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.352 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

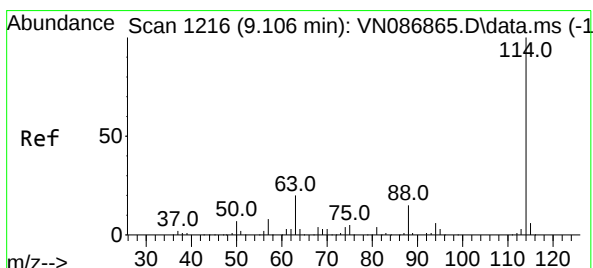
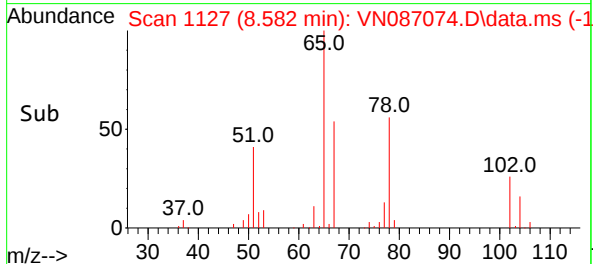
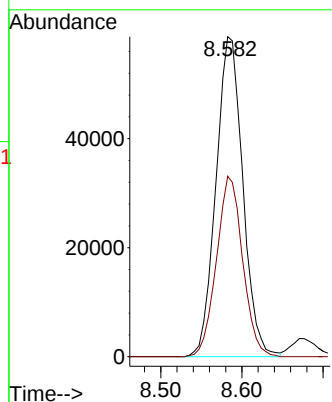
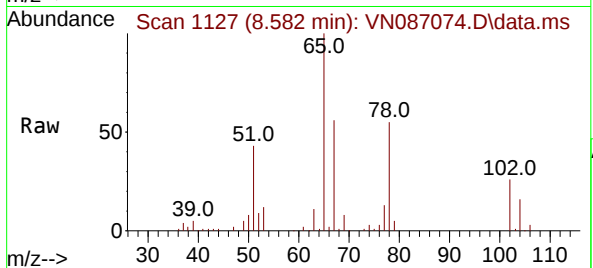
VSTDCCC050

Tgt Ion: 65 Resp: 134796

Ion Ratio Lower Upper

65 100

67 55.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

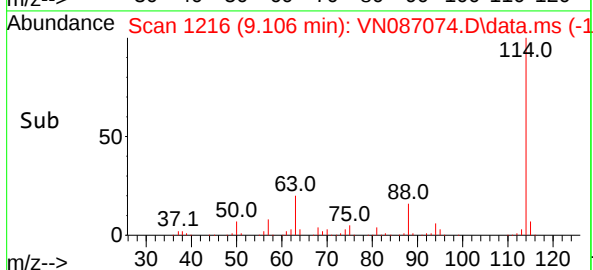
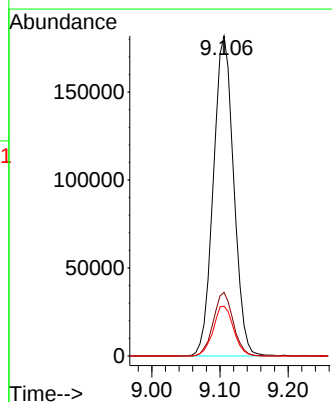
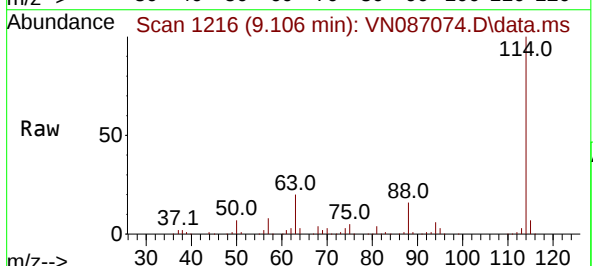
Tgt Ion: 114 Resp: 377846

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.6 0.0 30.2

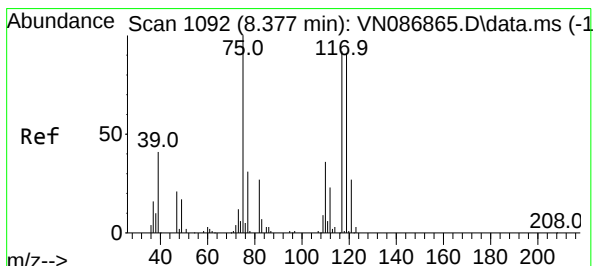
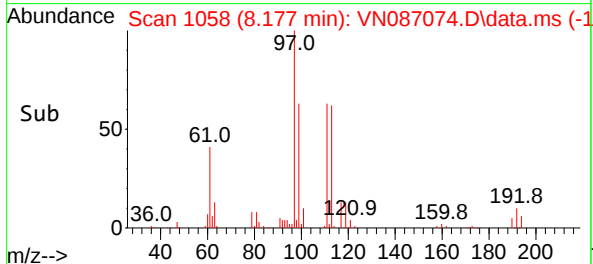
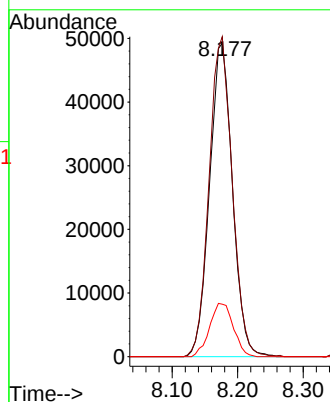
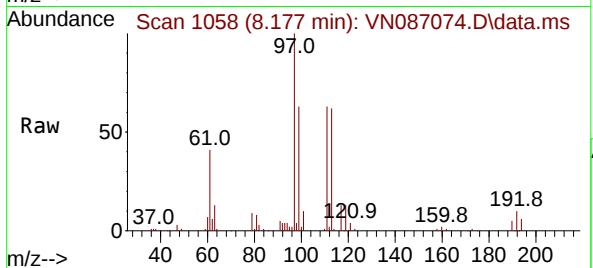




#35
Dibromofluoromethane
Concen: 53.283 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

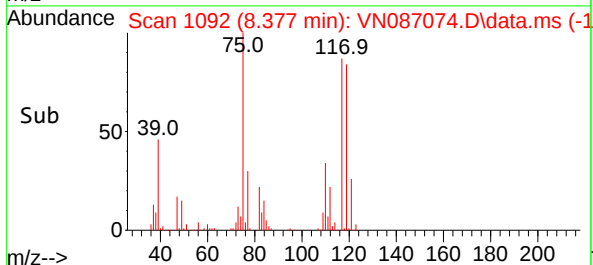
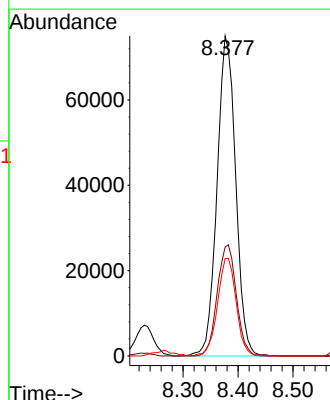
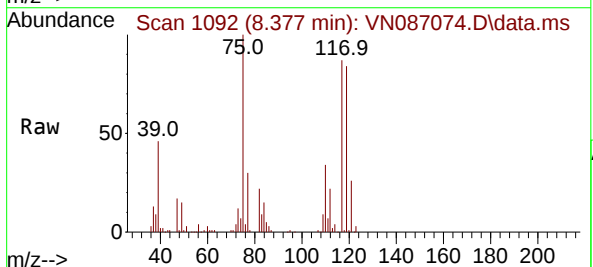
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 119311
Ion Ratio Lower Upper
113 100
111 103.3 84.2 126.2
192 17.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 52.888 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 75 Resp: 176467
Ion Ratio Lower Upper
75 100
110 35.6 17.6 52.9
77 30.6 25.3 37.9

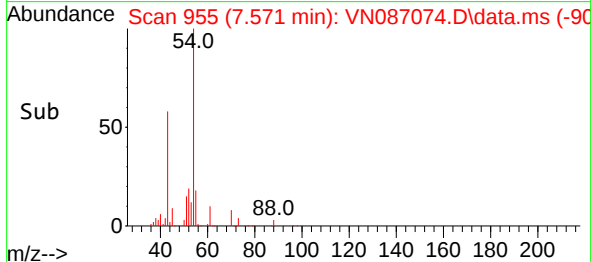
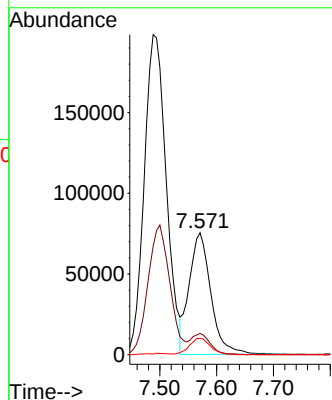
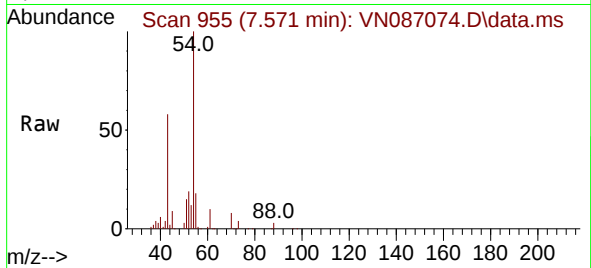




#37
Ethyl Acetate
Concen: 47.255 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

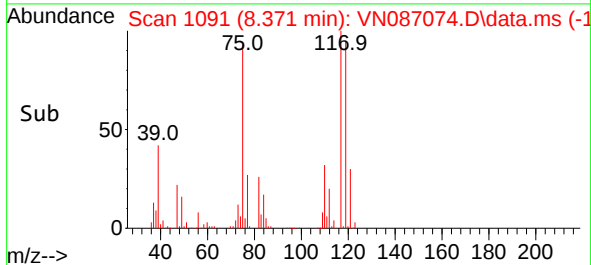
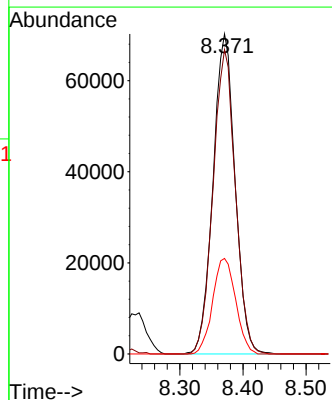
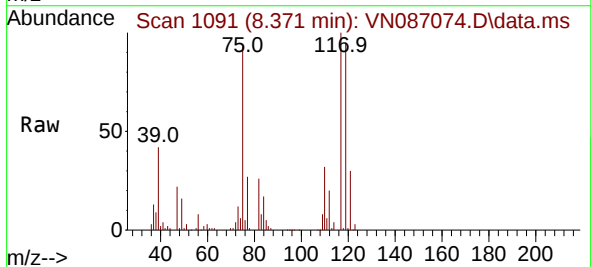
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

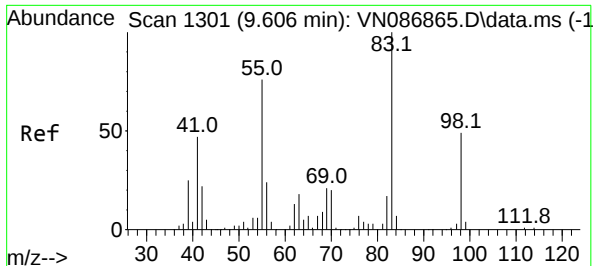
Tgt Ion: 43 Resp: 200717
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 13.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 51.960 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 117 Resp: 170212
Ion Ratio Lower Upper
117 100
119 95.1 75.0 112.6
121 29.9 24.9 37.3





#39

Methylcyclohexane

Concen: 45.080 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

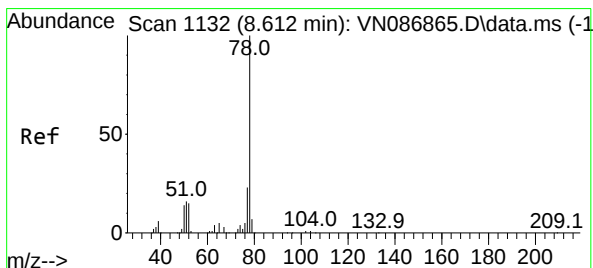
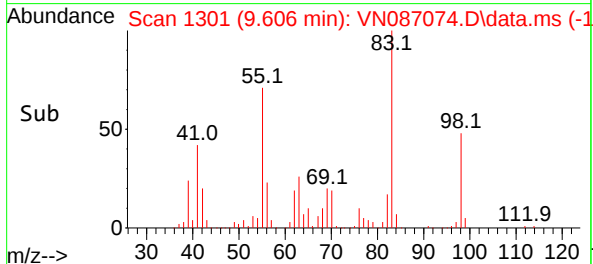
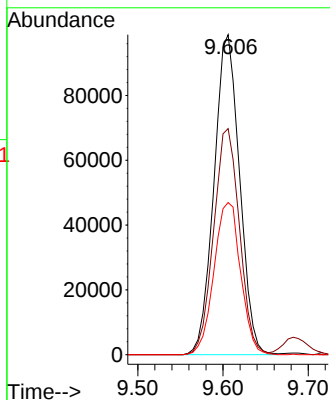
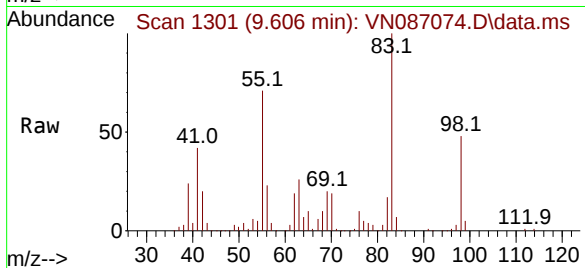
Tgt Ion: 83 Resp: 206075

Ion Ratio Lower Upper

83 100

55 70.6 61.0 91.6

98 47.5 38.9 58.3



#40

Benzene

Concen: 50.844 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087074.D

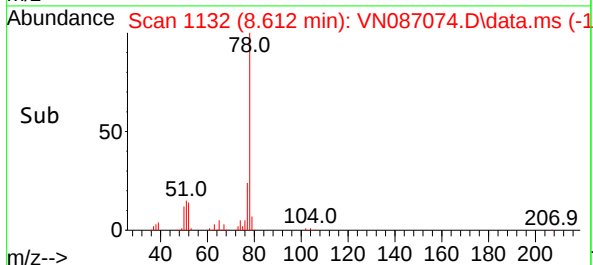
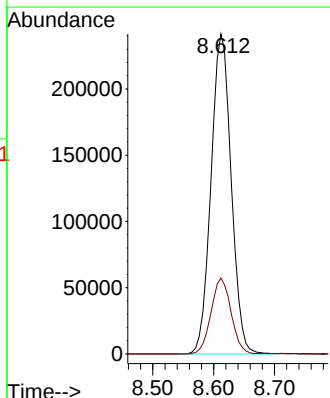
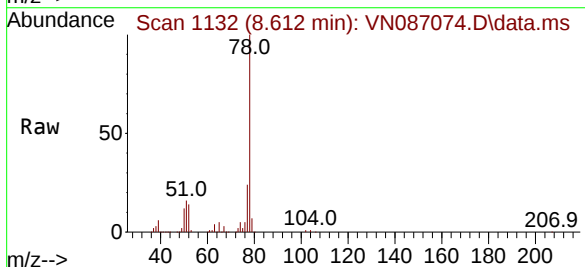
Acq: 18 Jun 2025 10:21

Tgt Ion: 78 Resp: 554750

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1



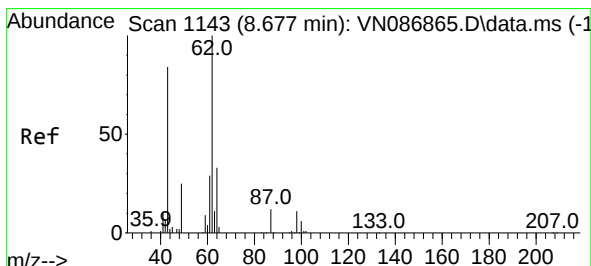
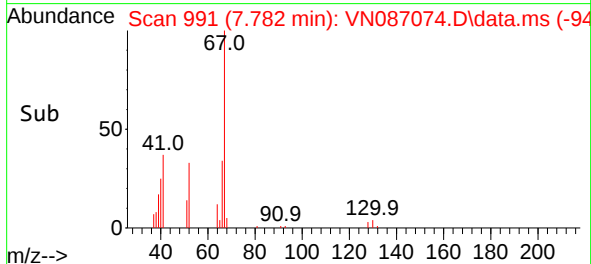
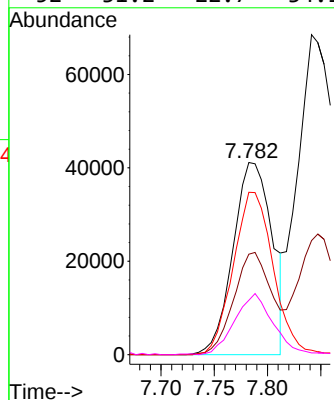
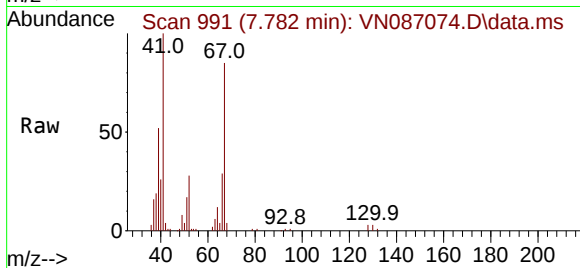


#41
Methacrylonitrile
Concen: 44.118 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 105242

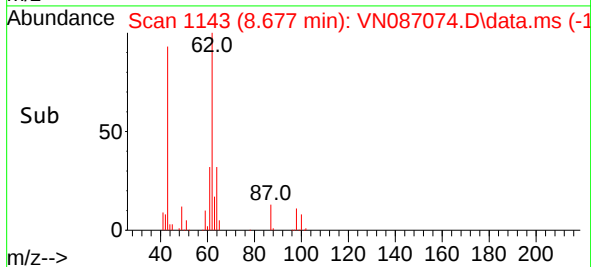
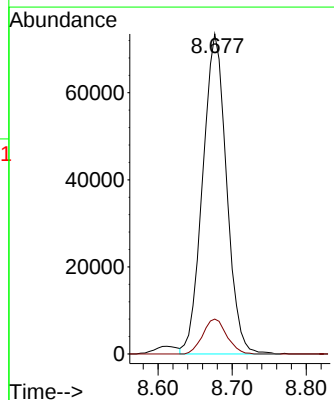
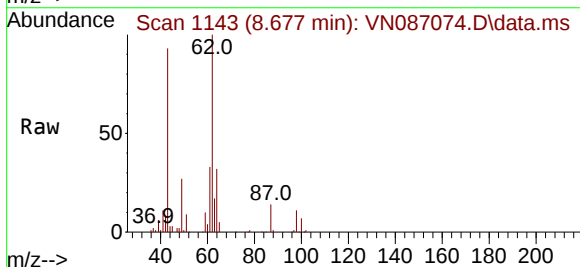
Ion	Ratio	Lower	Upper
41	100		
39	50.9	41.2	61.8
67	86.7	61.4	92.2
52	31.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 49.628 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 62 Resp: 164239

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.2

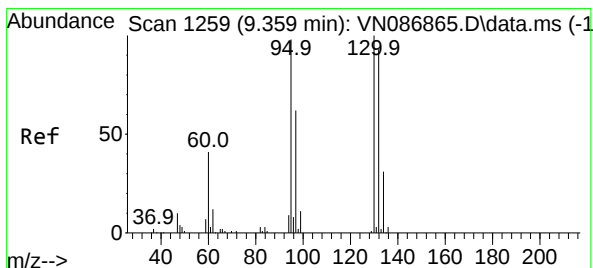
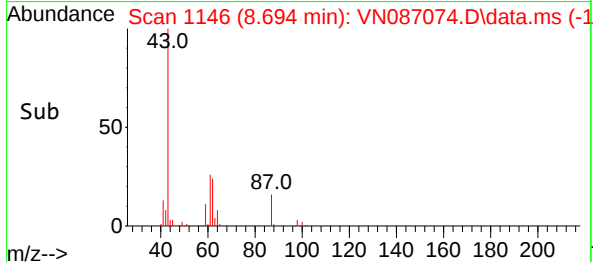
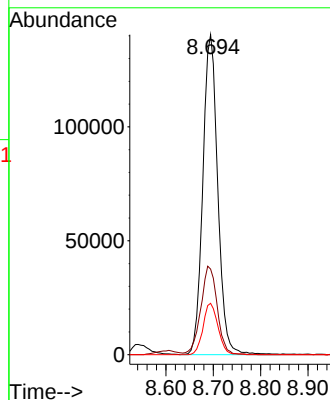
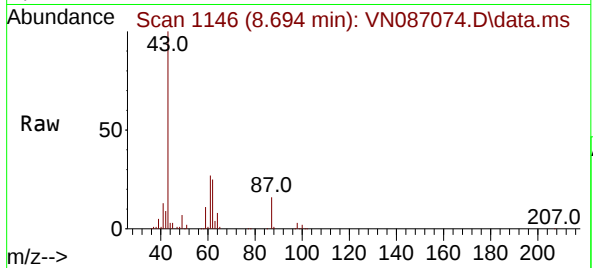




#43
Isopropyl Acetate
Concen: 45.206 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

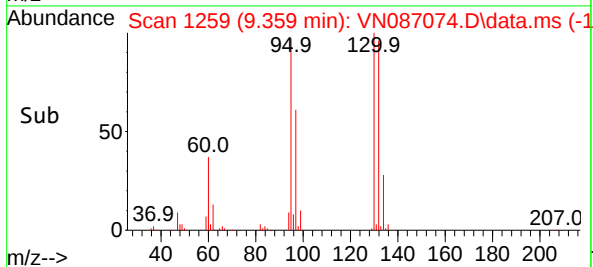
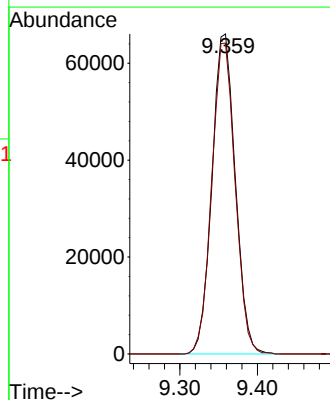
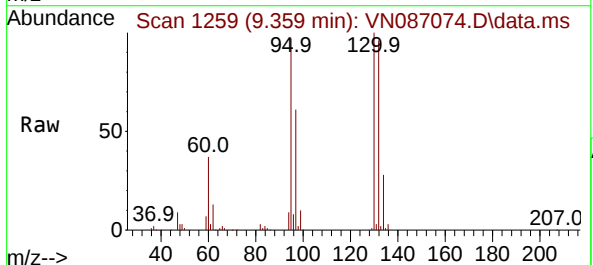
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

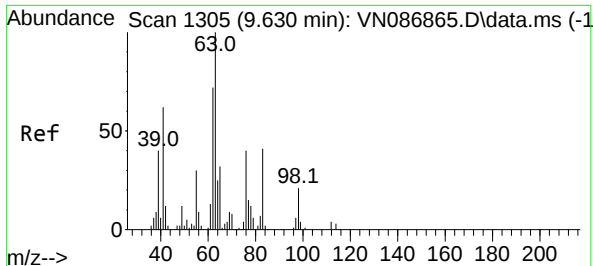
Tgt Ion: 43 Resp: 308186
Ion Ratio Lower Upper
43 100
61 30.4 22.1 33.1
87 16.1 11.8 17.6



#44
Trichloroethene
Concen: 53.359 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:130 Resp: 138049
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 51.261 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

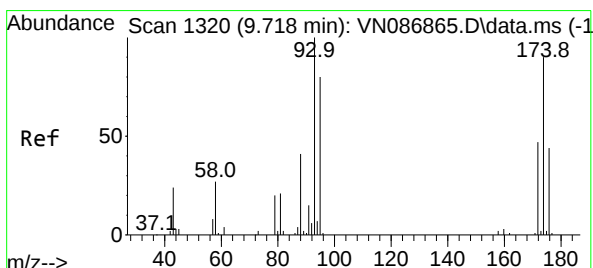
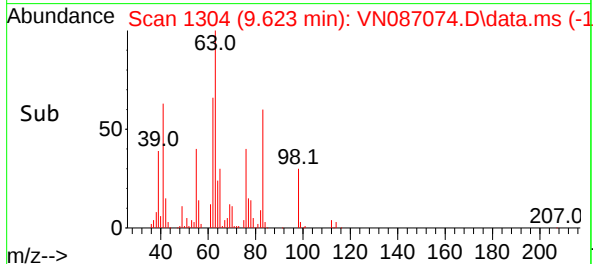
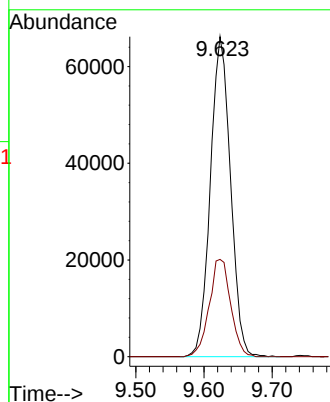
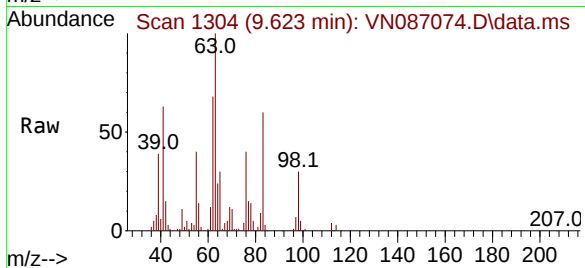
VSTDCCC050

Tgt Ion: 63 Resp: 136071

Ion Ratio Lower Upper

63 100

65 30.4 25.5 38.3



#46

Dibromomethane

Concen: 53.189 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

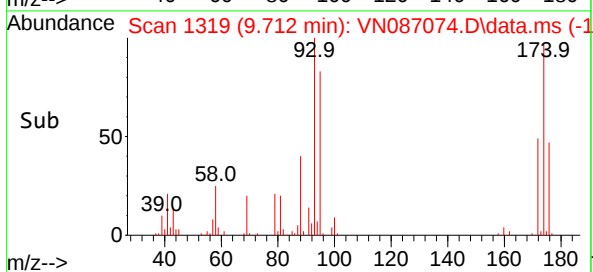
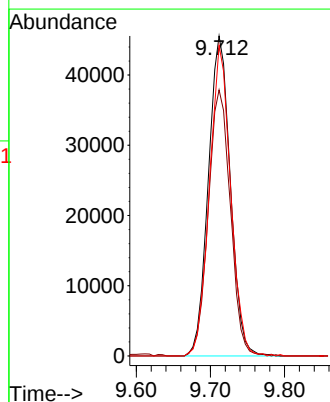
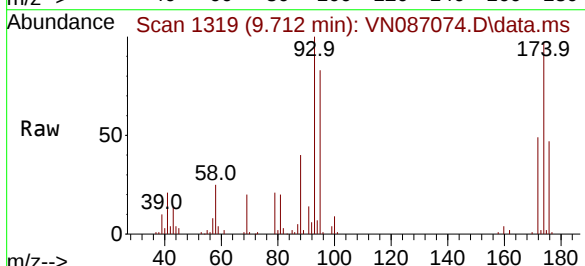
Tgt Ion: 93 Resp: 93780

Ion Ratio Lower Upper

93 100

95 83.8 67.1 100.7

174 93.4 74.2 111.4

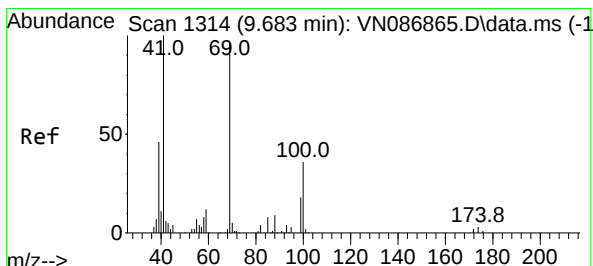
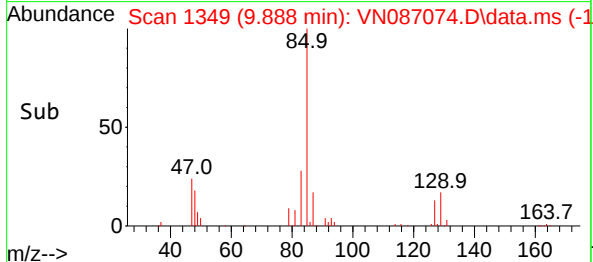
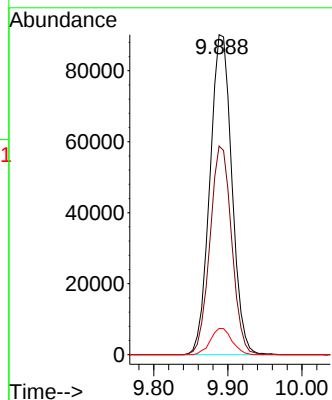
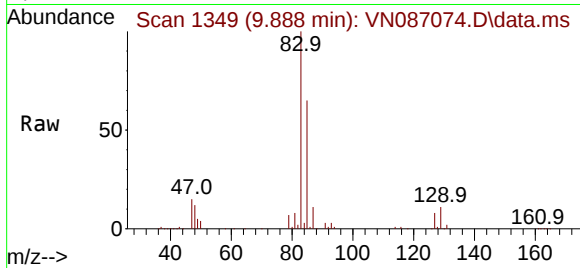




#47
Bromodichloromethane
Concen: 51.121 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

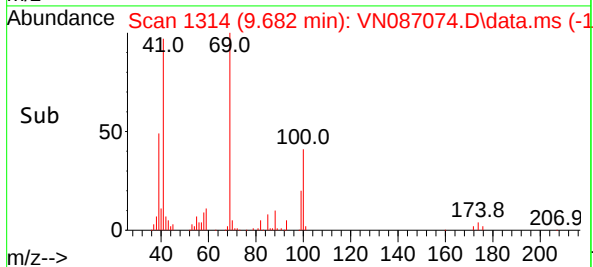
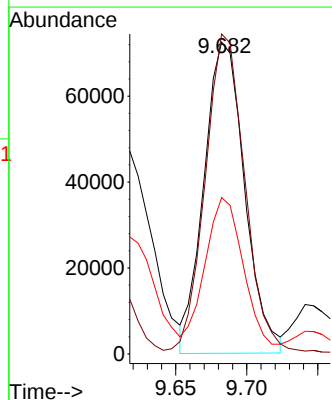
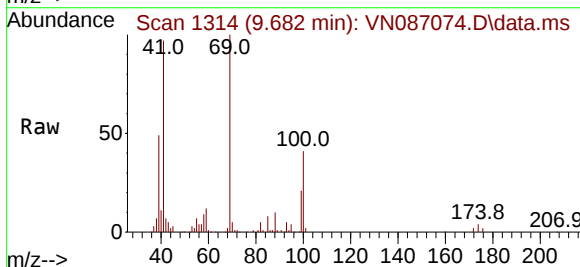
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

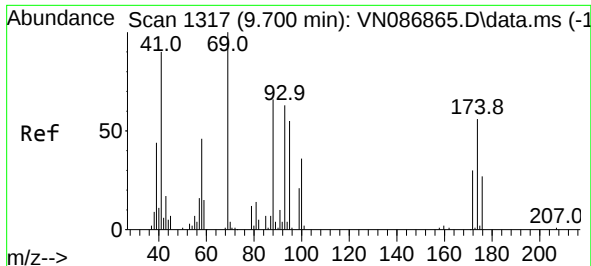
Tgt Ion: 83 Resp: 185449
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 8.2 6.6 10.0



#48
Methyl methacrylate
Concen: 45.820 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 41 Resp: 143772
Ion Ratio Lower Upper
41 100
69 100.8 74.6 112.0
39 49.1 40.2 60.4





#49

1,4-Dioxane

Concen: 956.815 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

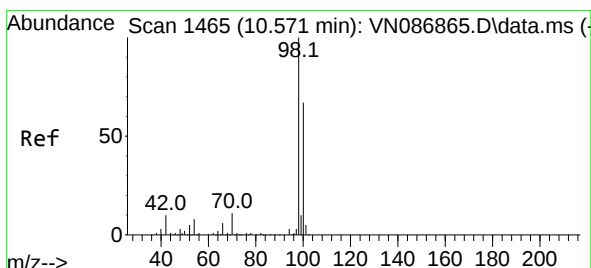
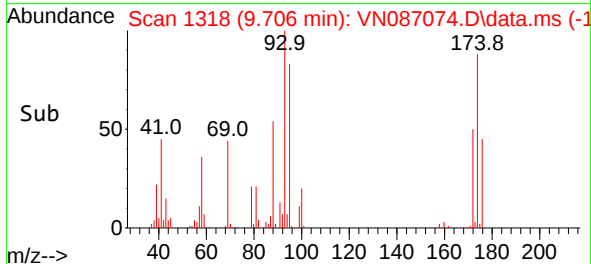
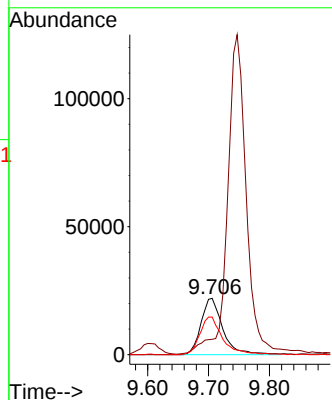
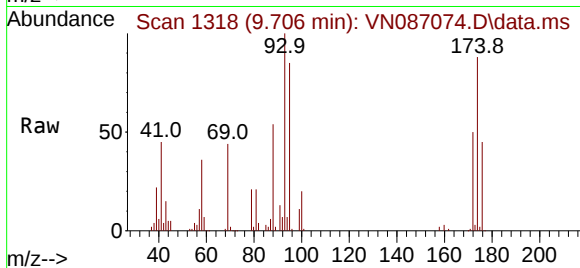
Tgt Ion: 88 Resp: 54618

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.3 57.7 86.5



#50

Toluene-d8

Concen: 49.543 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087074.D

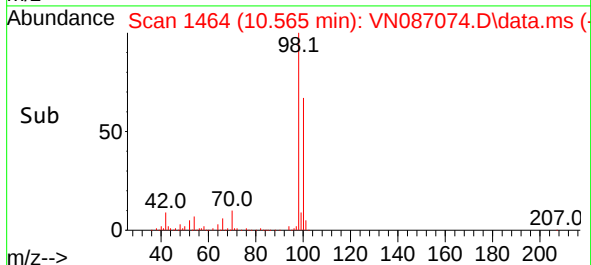
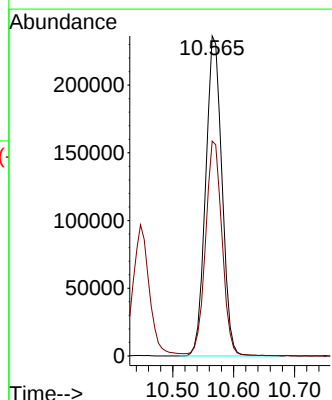
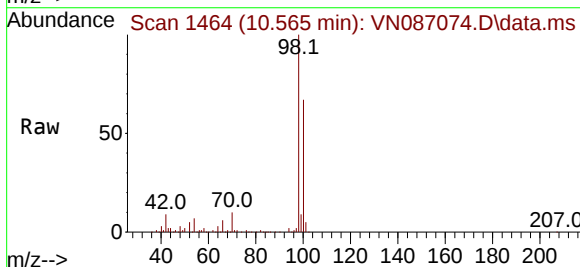
Acq: 18 Jun 2025 10:21

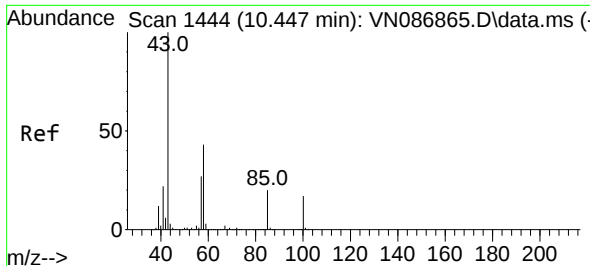
Tgt Ion: 98 Resp: 439174

Ion Ratio Lower Upper

98 100

100 68.1 53.4 80.0

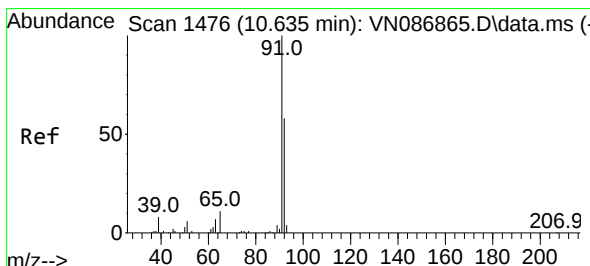
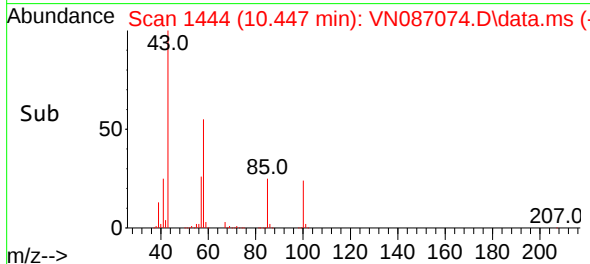
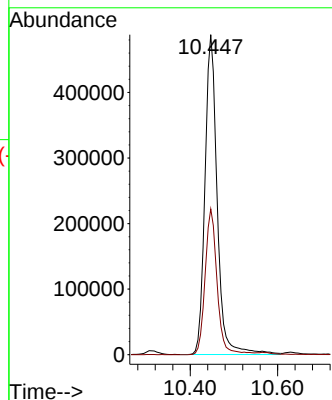
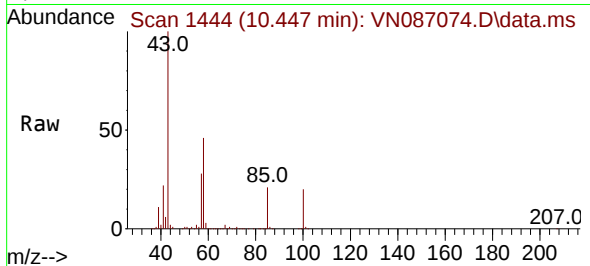




#51
4-Methyl-2-Pentanone
Concen: 232.037 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

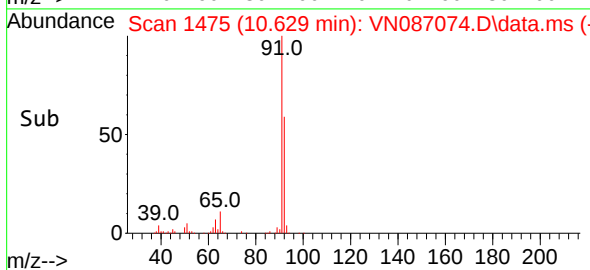
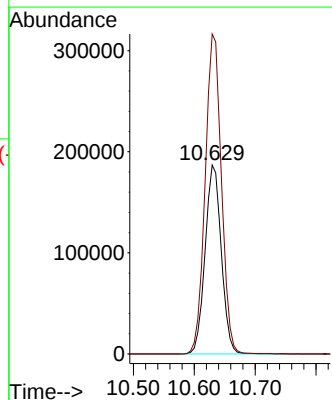
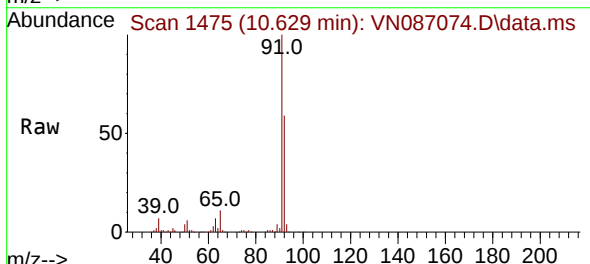
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

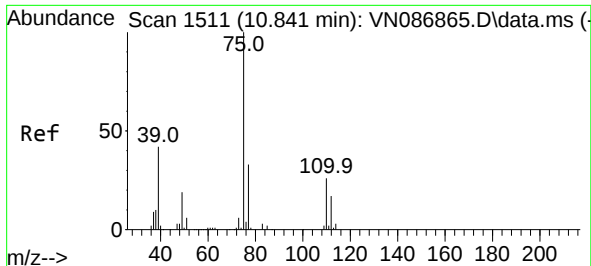
Tgt Ion: 43 Resp: 952300
Ion Ratio Lower Upper
43 100
58 44.7 34.2 51.4



#52
Toluene
Concen: 51.712 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 92 Resp: 344814
Ion Ratio Lower Upper
92 100
91 170.3 136.5 204.7

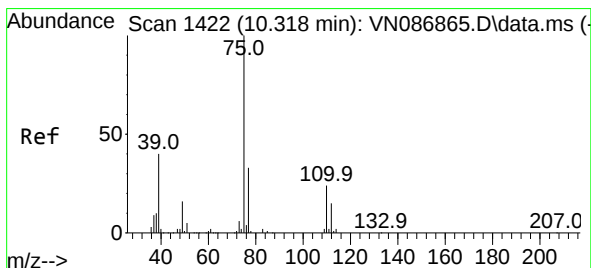
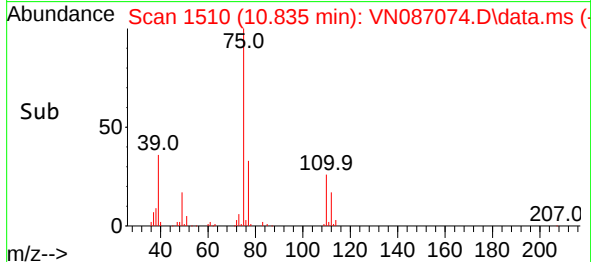
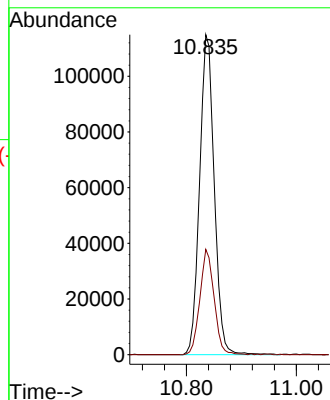
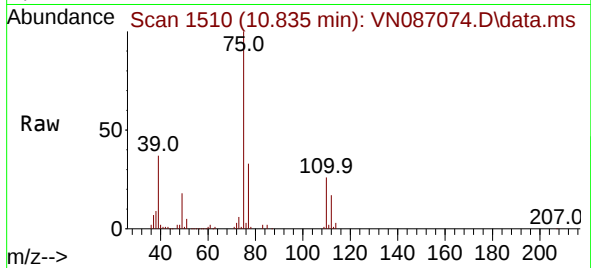




#53
 t-1,3-Dichloropropene
 Concen: 52.430 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

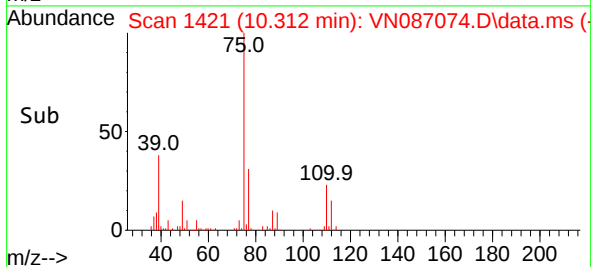
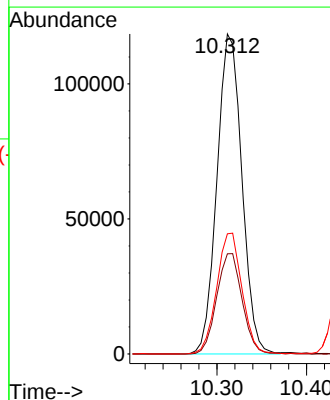
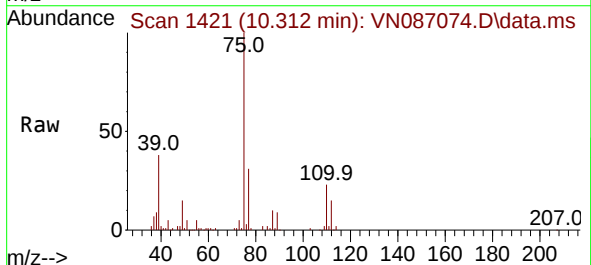
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

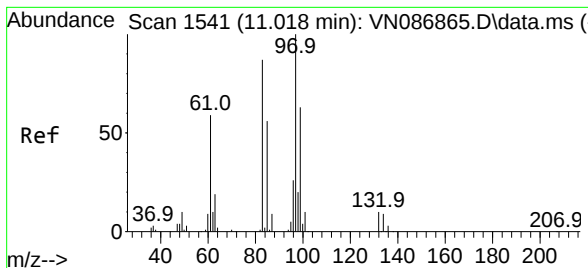
Tgt Ion: 75 Resp: 212676
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.653 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

Tgt Ion: 75 Resp: 228528
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.4
 39 37.5 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 51.005 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 130864

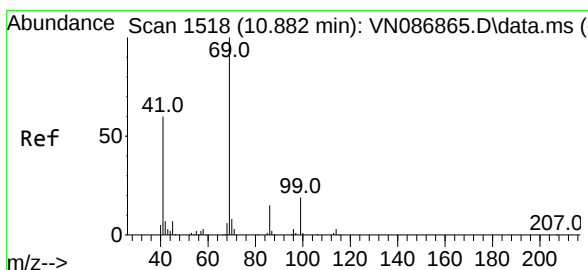
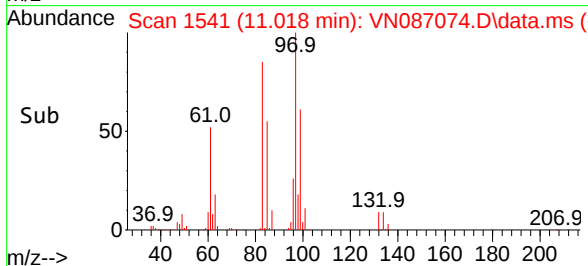
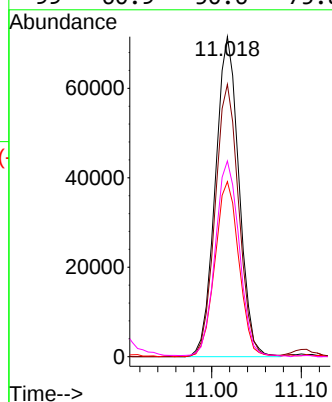
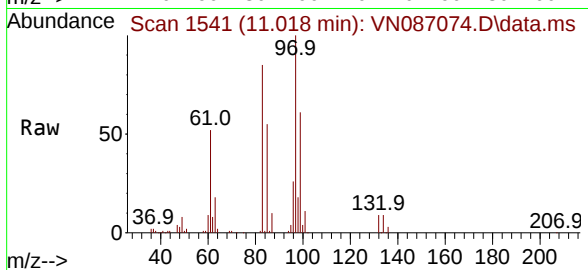
Ion Ratio Lower Upper

97 100

83 85.1 69.7 104.5

85 54.5 45.1 67.7

99 60.9 50.6 75.8



#56

Ethyl methacrylate

Concen: 53.576 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

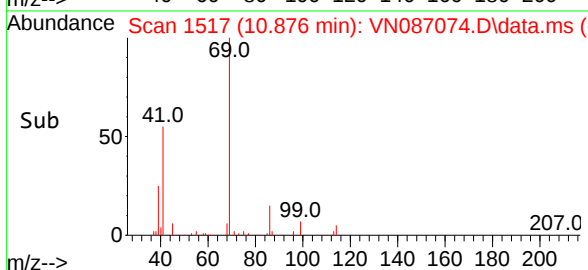
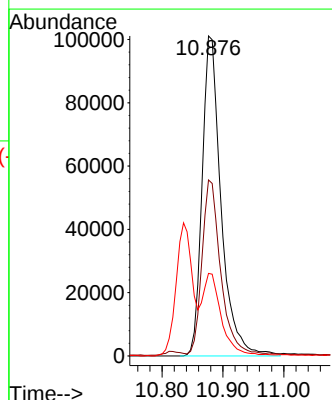
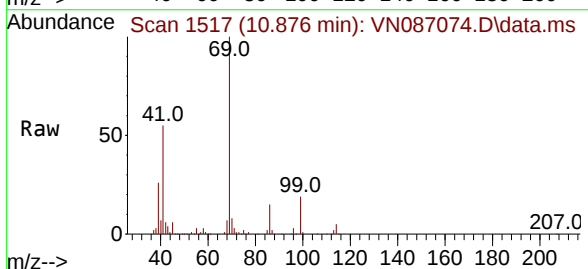
Tgt Ion: 69 Resp: 218942

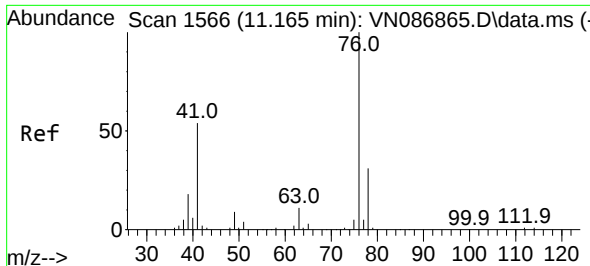
Ion Ratio Lower Upper

69 100

41 54.3 47.2 70.8

39 25.1 23.0 34.6





#57

1,3-Dichloropropane

Concen: 50.473 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

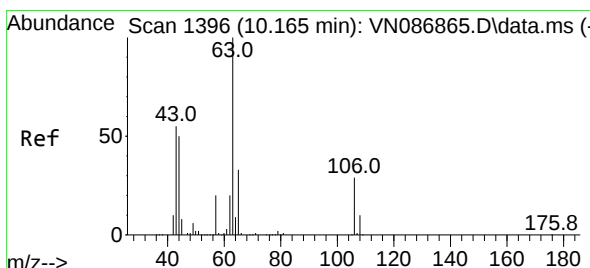
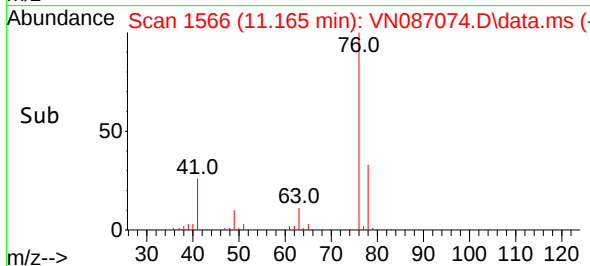
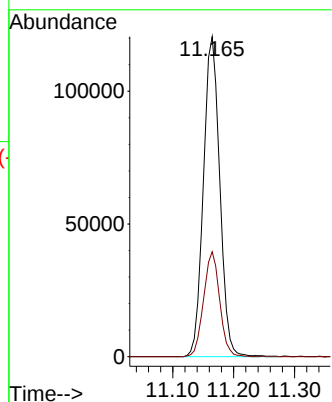
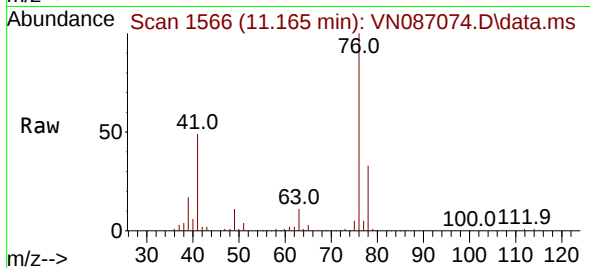
VSTDCCC050

Tgt Ion: 76 Resp: 224646

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 234.289 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN087074.D

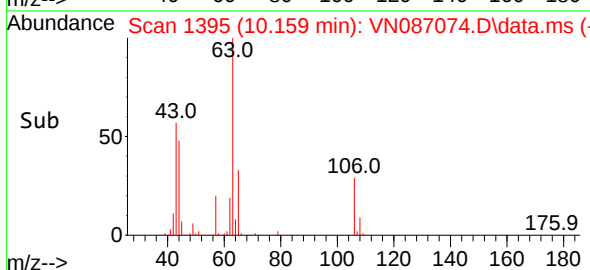
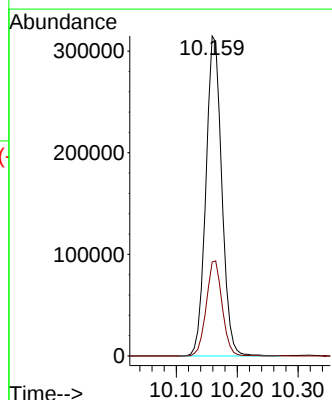
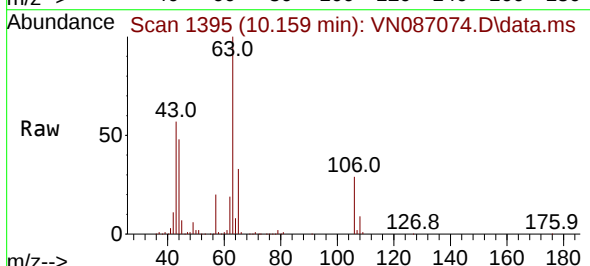
Acq: 18 Jun 2025 10:21

Tgt Ion: 63 Resp: 571062

Ion Ratio Lower Upper

63 100

106 29.7 23.0 34.6

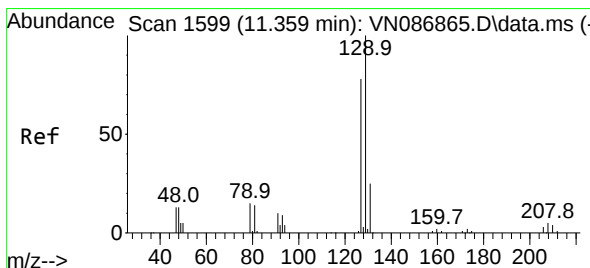
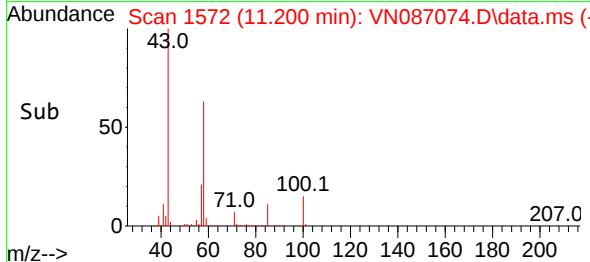
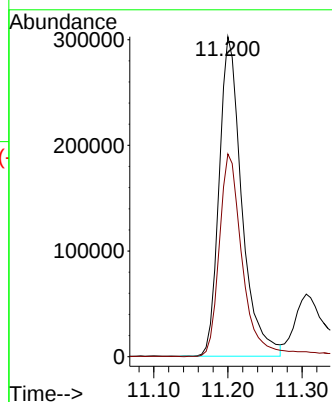
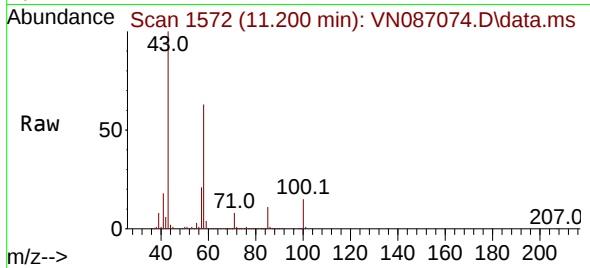




#59
2-Hexanone
Concen: 242.852 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

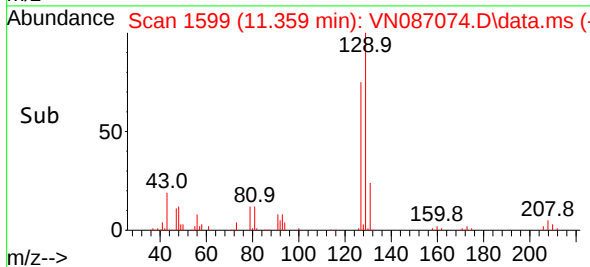
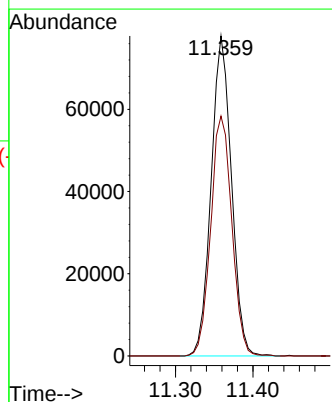
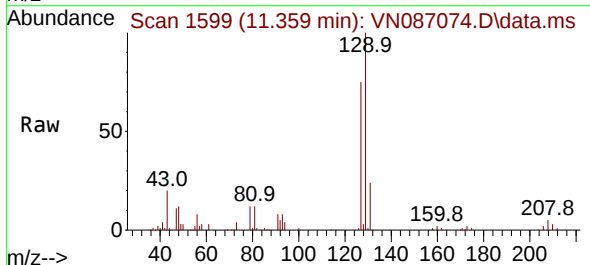
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 642002
Ion Ratio Lower Upper
43 100
58 66.8 30.4 91.3



#60
Dibromochloromethane
Concen: 52.974 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 129 Resp: 141610
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8

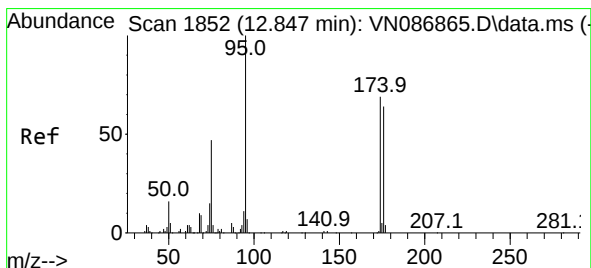
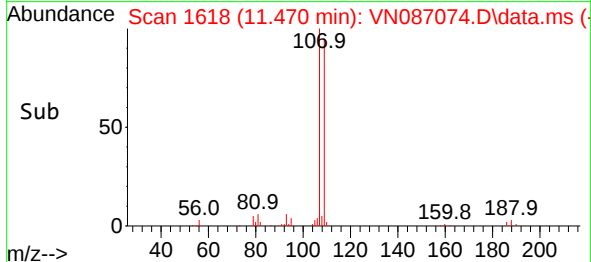
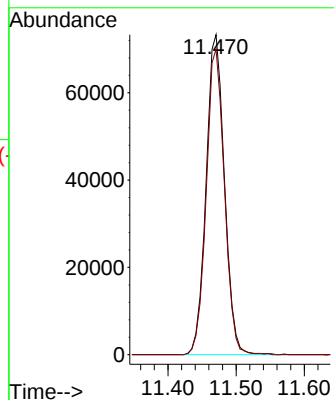
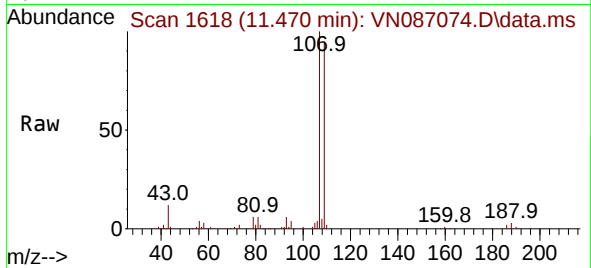




#61
1,2-Dibromoethane
Concen: 52.202 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

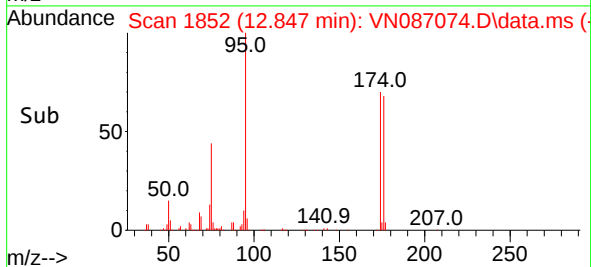
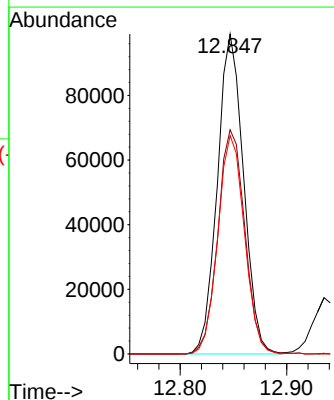
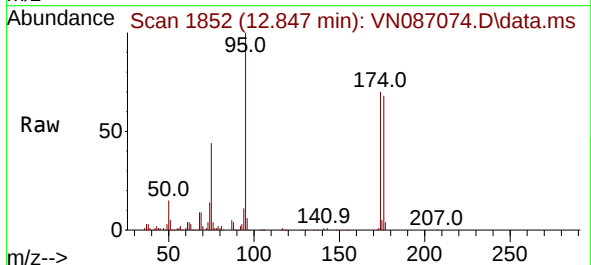
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

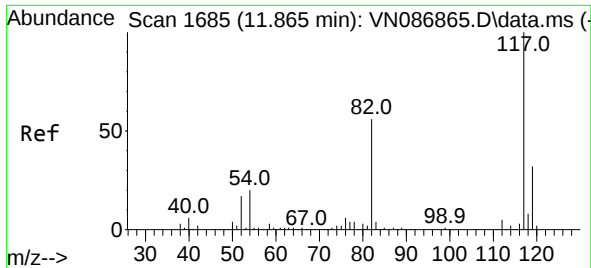
Tgt Ion:107 Resp: 137281
Ion Ratio Lower Upper
107 100
109 94.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.228 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 95 Resp: 168714
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.8
176 69.4 0.0 132.6

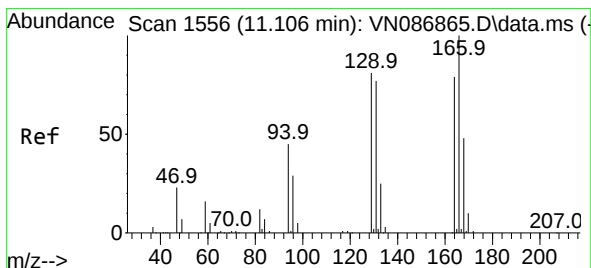
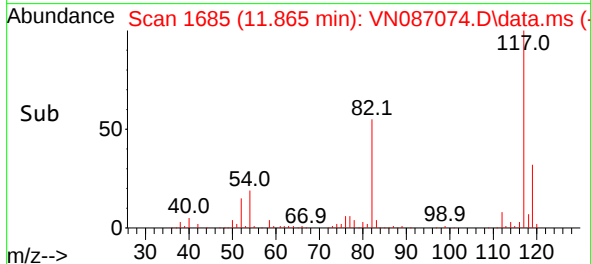
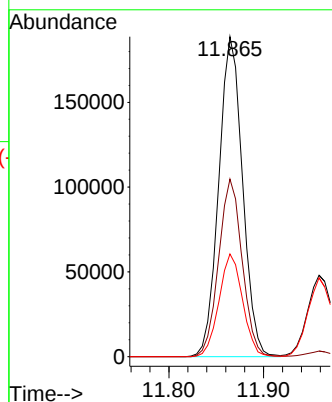
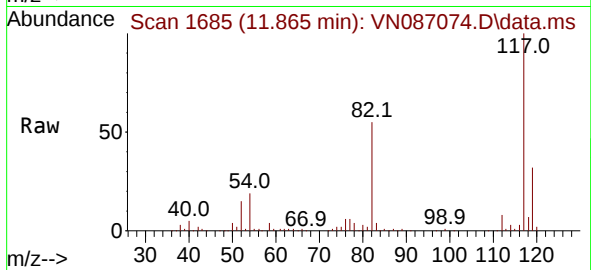




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

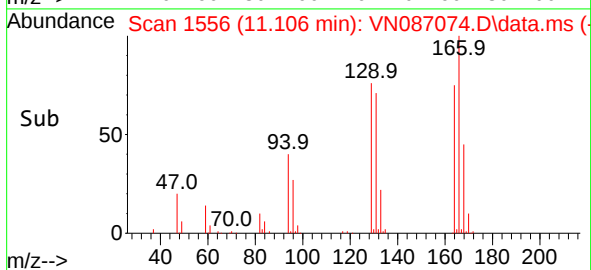
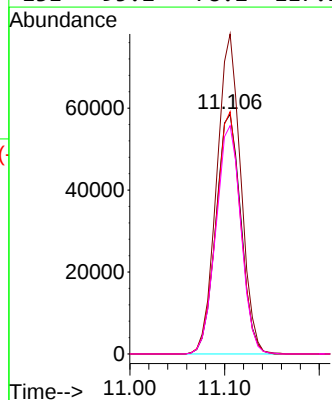
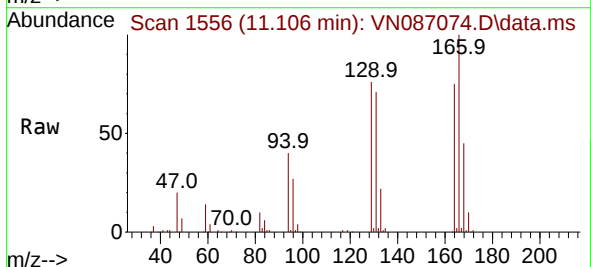
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

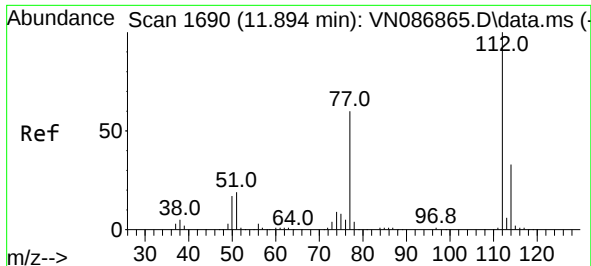
Tgt Ion:117 Resp: 330017
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 51.300 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:164 Resp: 107143
Ion Ratio Lower Upper
164 100
166 133.5 101.8 152.8
129 101.1 83.0 124.4
131 95.2 78.2 117.2

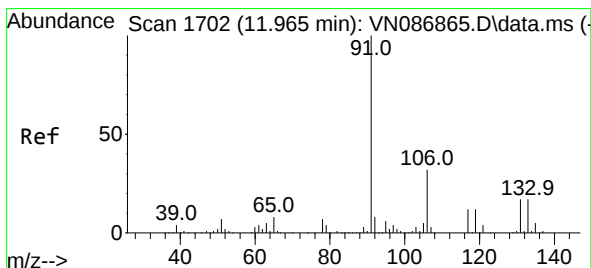
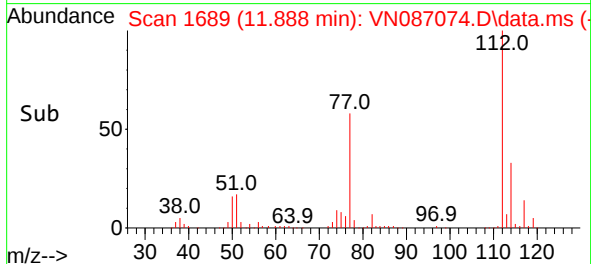
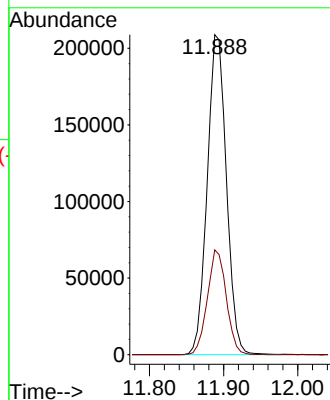
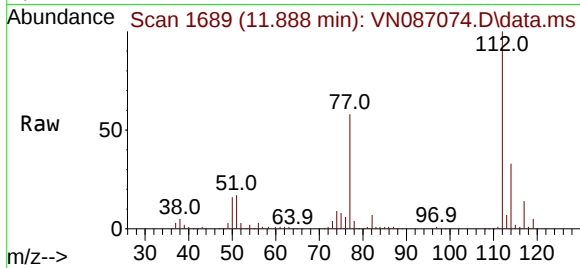




#65
Chlorobenzene
Concen: 51.632 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

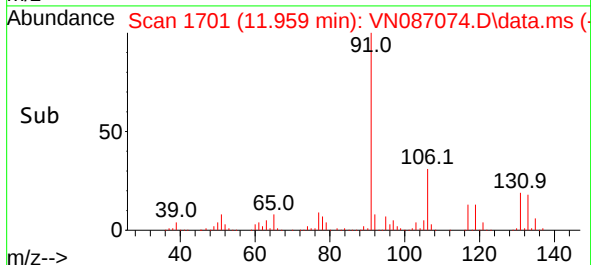
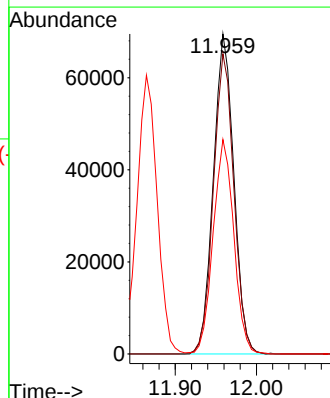
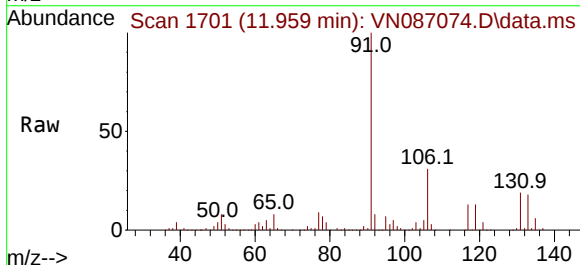
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

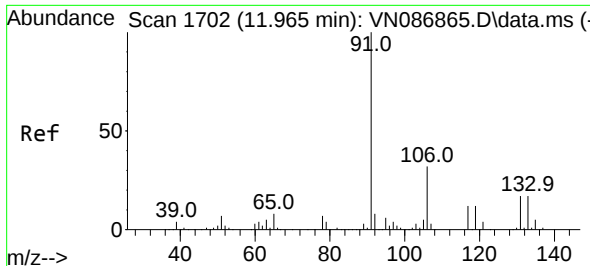
Tgt Ion:112 Resp: 375806
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.079 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:131 Resp: 121849
Ion Ratio Lower Upper
131 100
133 93.9 48.3 144.8
119 67.8 34.0 101.8

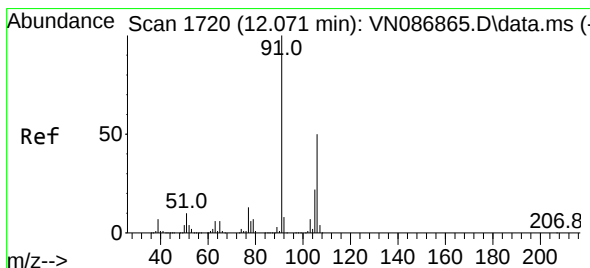
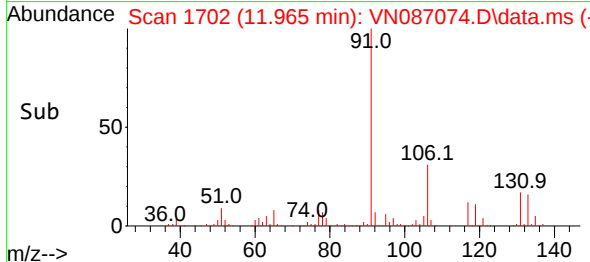
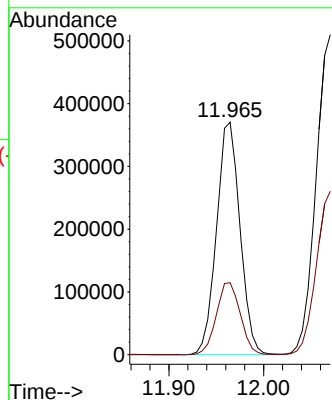
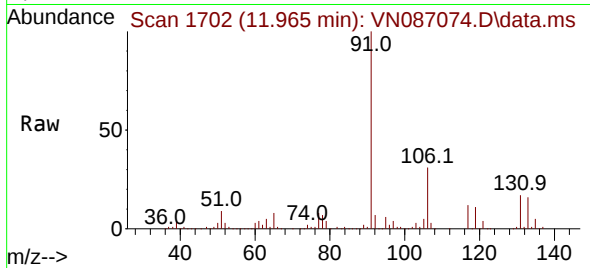




#67
Ethyl Benzene
Concen: 50.882 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

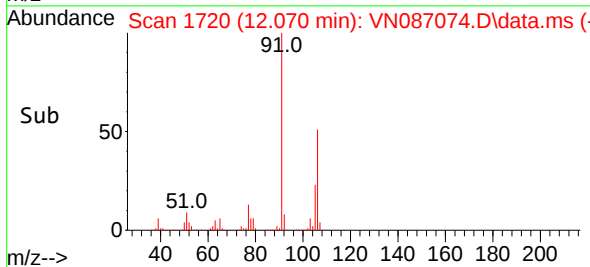
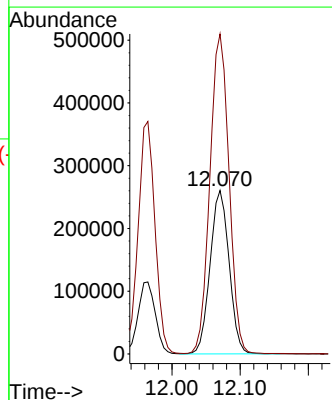
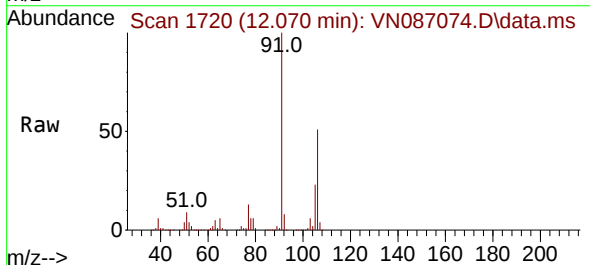
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

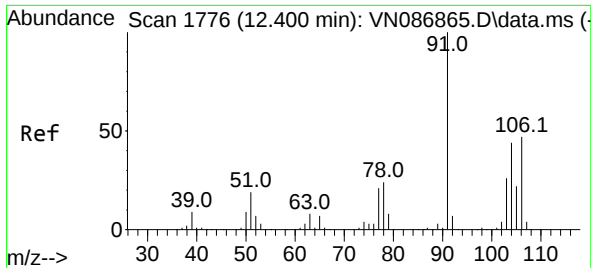
Tgt Ion: 91 Resp: 637921
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2



#68
m/p-Xylenes
Concen: 105.015 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:106 Resp: 503996
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.0

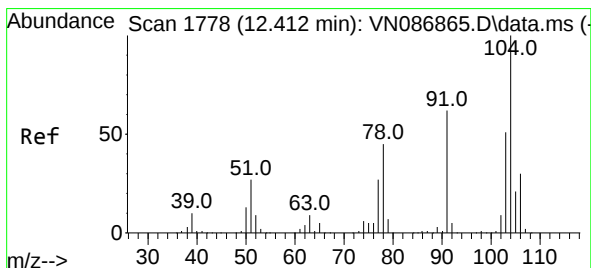
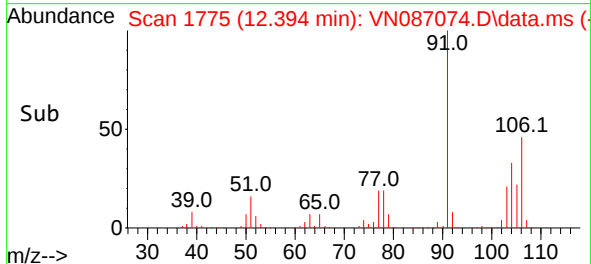
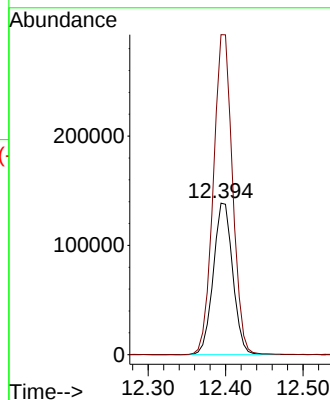
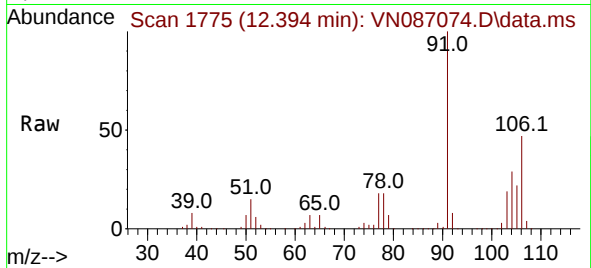




#69
o-Xylene
Concen: 52.589 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

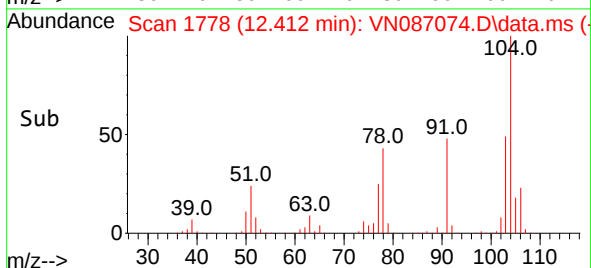
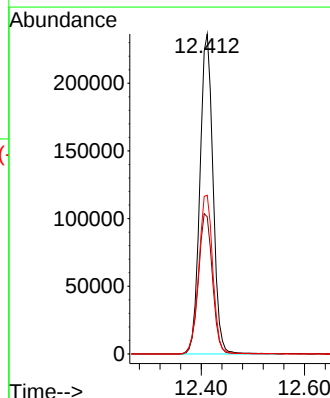
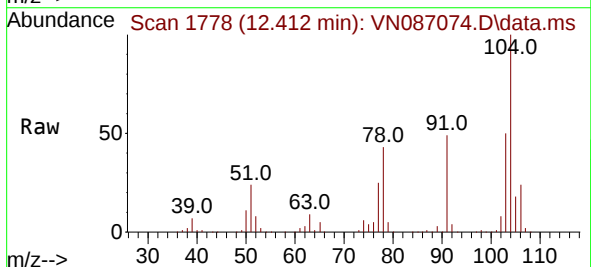
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

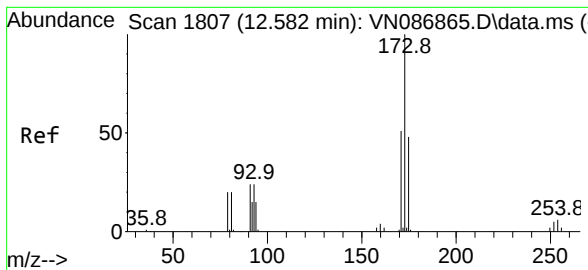
Tgt Ion:106 Resp: 241725
Ion Ratio Lower Upper
106 100
91 209.4 106.1 318.1



#70
Styrene
Concen: 52.934 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:104 Resp: 416344
Ion Ratio Lower Upper
104 100
78 47.1 38.5 57.7
103 53.2 43.1 64.7

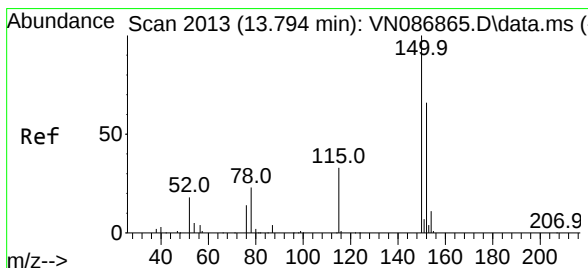
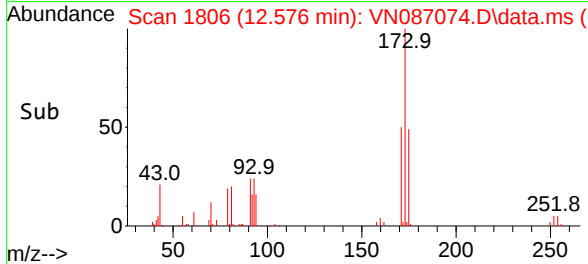
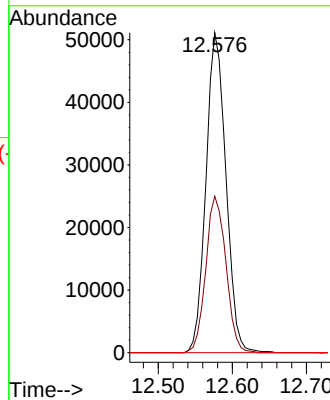
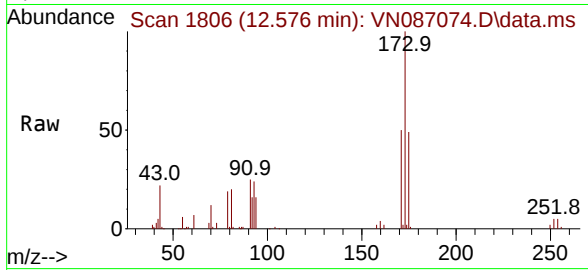




#71
Bromoform
Concen: 55.217 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

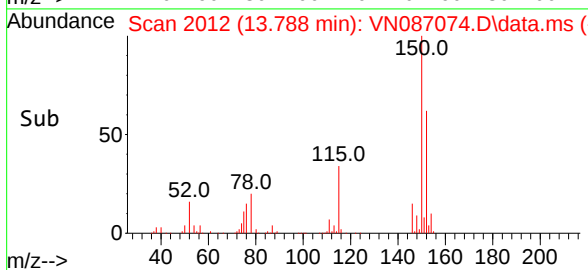
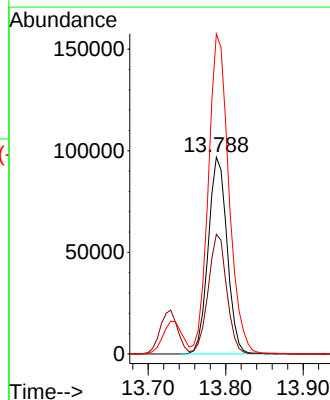
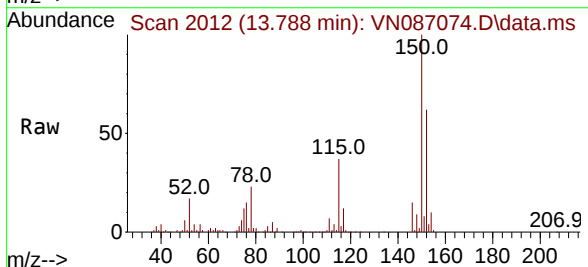
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

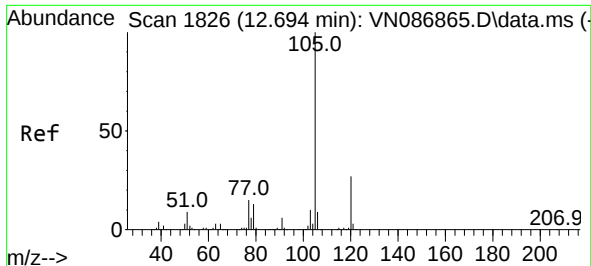
Tgt Ion:173 Resp: 95724
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:152 Resp: 164001
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 177.1 0.0 345.0

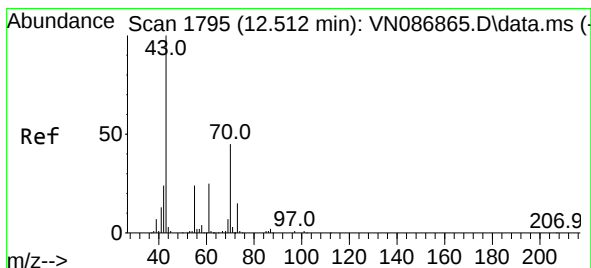
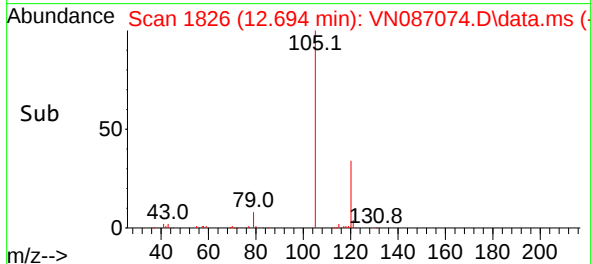
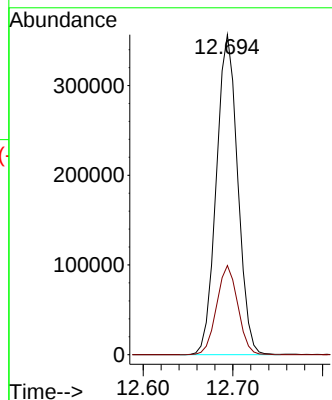
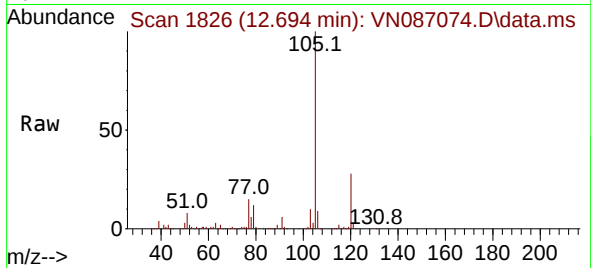




#73
Isopropylbenzene
Concen: 49.378 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

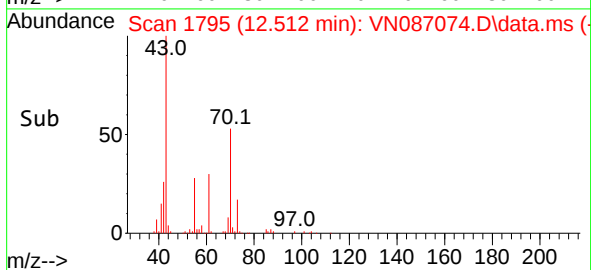
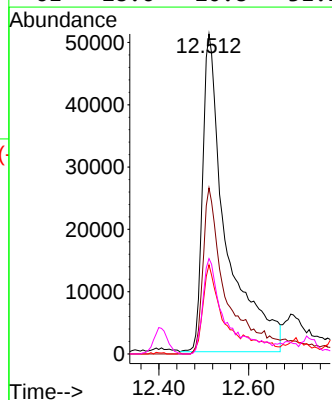
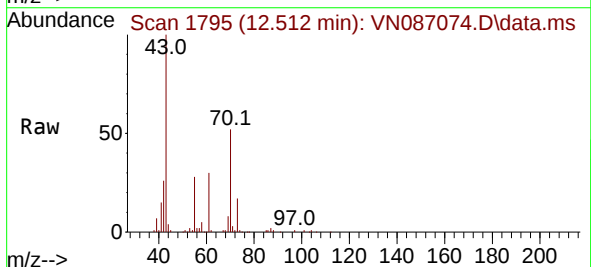
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

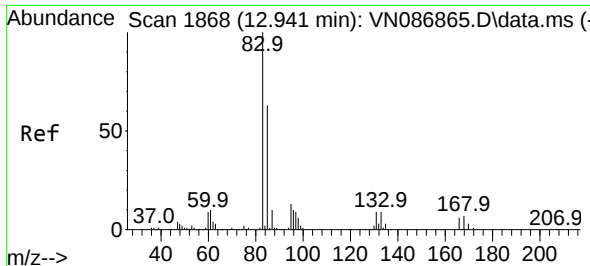
Tgt Ion:105 Resp: 589954
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.4



#74
N-ethyl acetate
Concen: 44.506 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 43 Resp: 185811
Ion Ratio Lower Upper
43 100
70 51.4 37.6 56.4
55 21.8 19.0 28.6
61 28.6 20.8 31.2

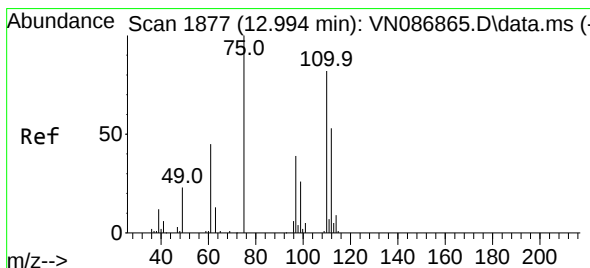
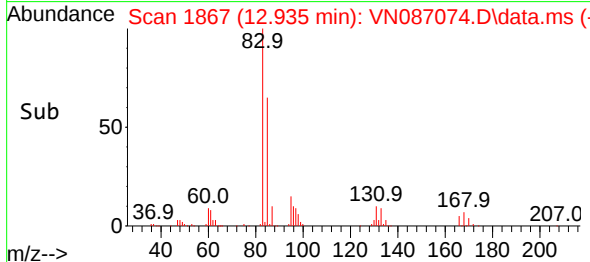
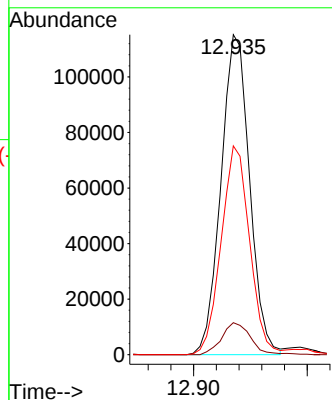
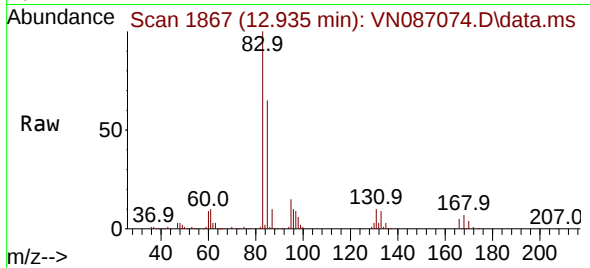




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.861 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

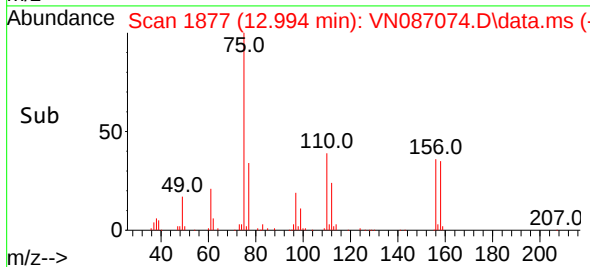
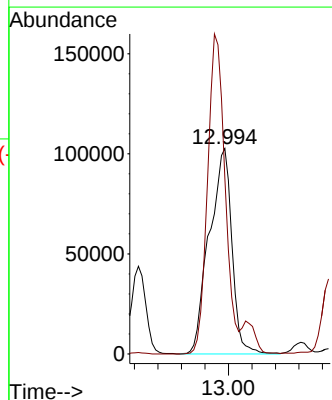
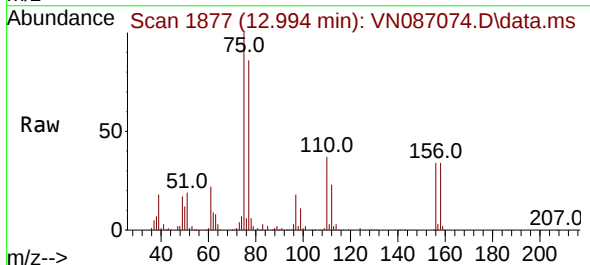
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

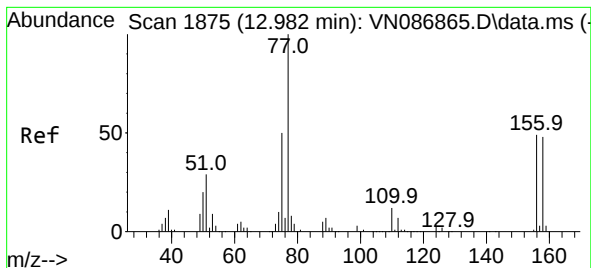
Tgt Ion: 83 Resp: 201817
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.9 14.7
 85 65.1 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 70.332 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

Tgt Ion: 75 Resp: 274180
 Ion Ratio Lower Upper
 75 100
 77 120.0 79.3 237.9





#77

Bromobenzene

Concen: 52.988 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

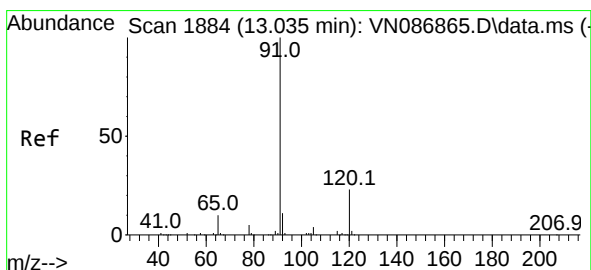
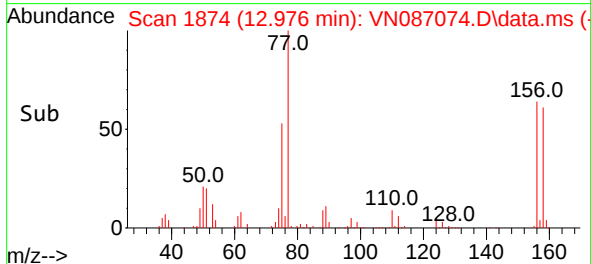
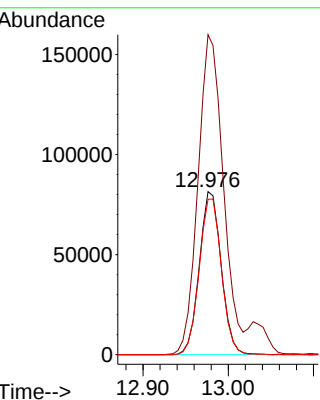
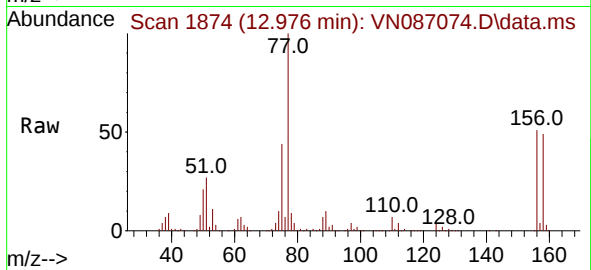
Tgt Ion:156 Resp: 145188

Ion Ratio Lower Upper

156 100

77 226.6 117.7 353.1

158 97.1 48.1 144.4



#78

n-propylbenzene

Concen: 48.505 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087074.D

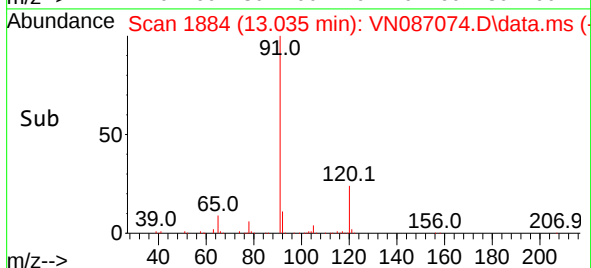
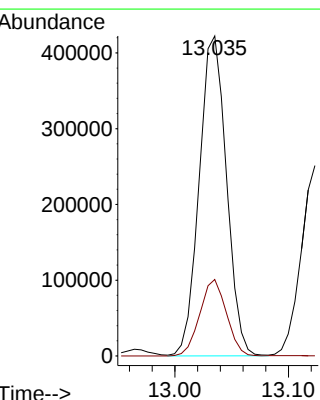
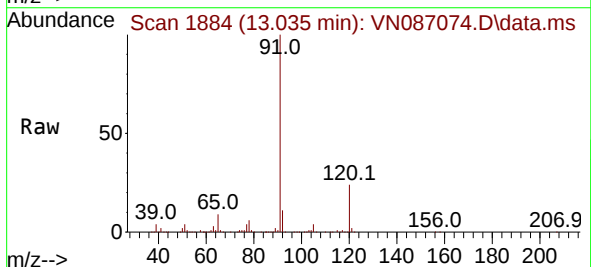
Acq: 18 Jun 2025 10:21

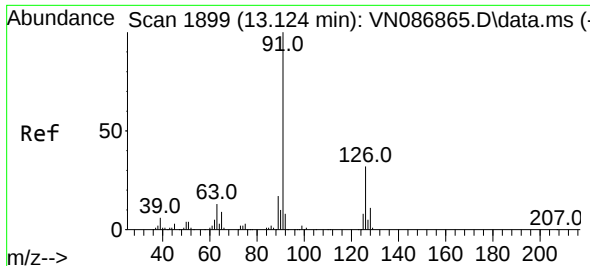
Tgt Ion: 91 Resp: 704268

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.2

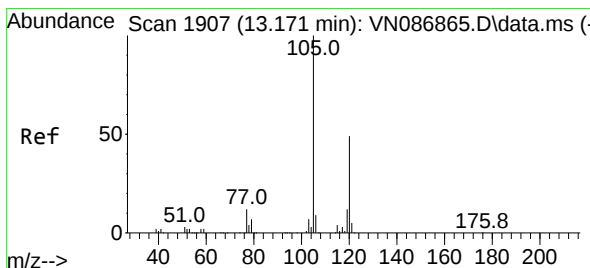
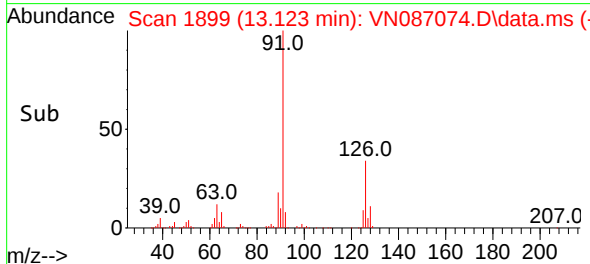
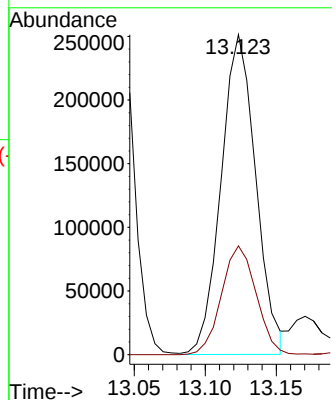
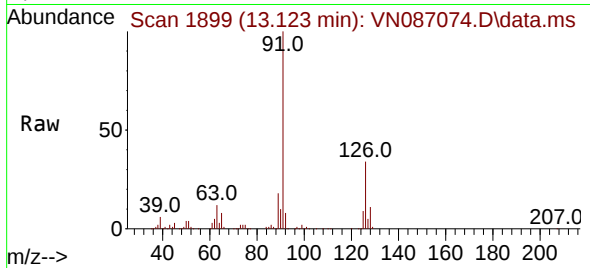




#79
2-Chlorotoluene
Concen: 49.053 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

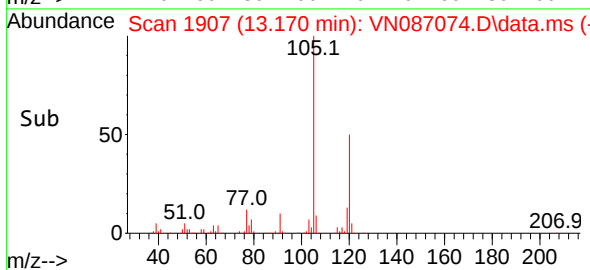
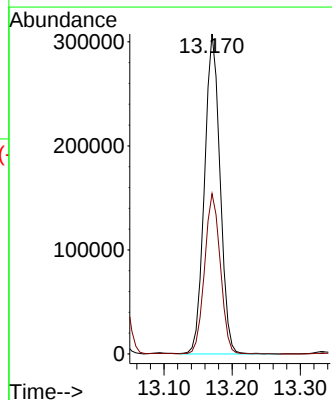
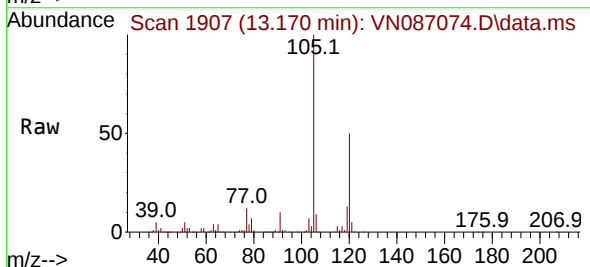
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

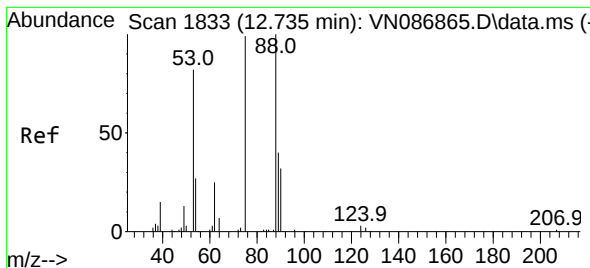
Tgt Ion: 91 Resp: 427130
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 49.603 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 105 Resp: 489295
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6

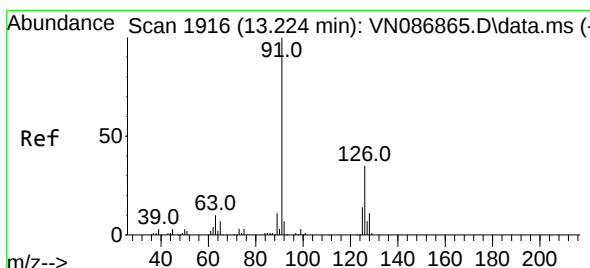
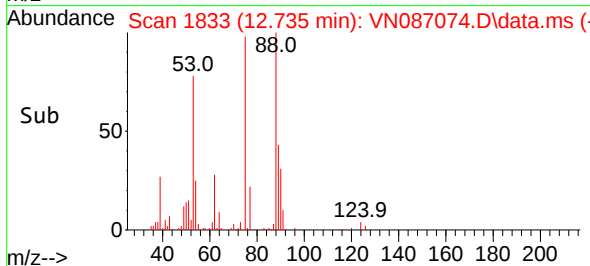
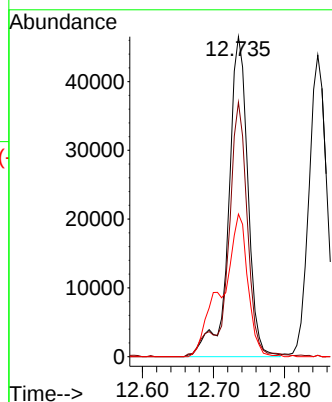
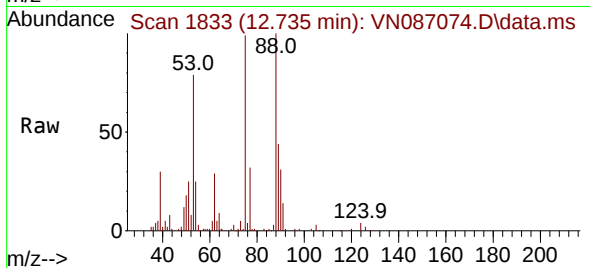




#81
trans-1,4-Dichloro-2-butene
Concen: 51.911 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

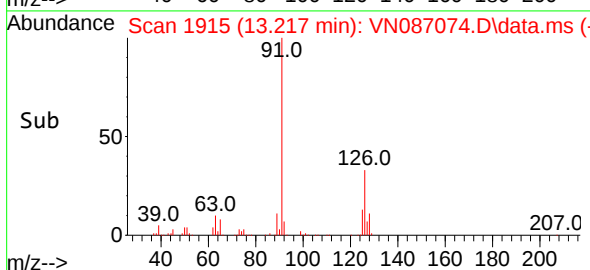
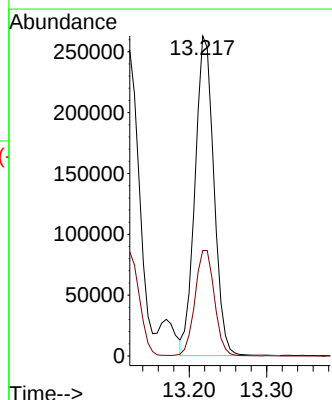
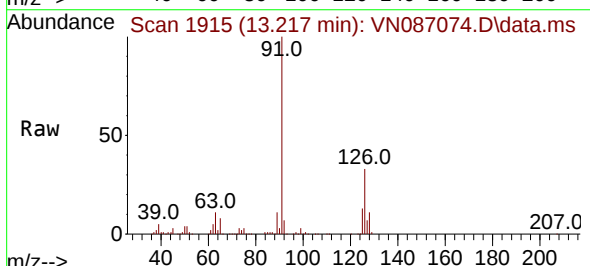
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

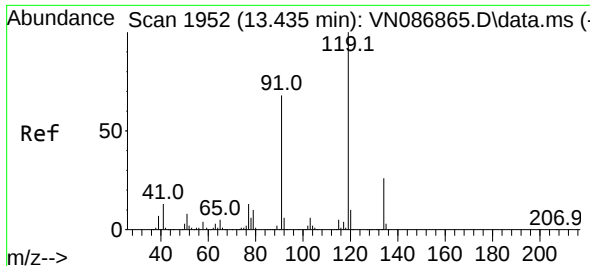
Tgt Ion: 75 Resp: 87912
Ion Ratio Lower Upper
75 100
53 72.3 66.6 99.8
89 60.2 36.7 55.1#



#82
4-Chlorotoluene
Concen: 50.317 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 91 Resp: 443322
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1

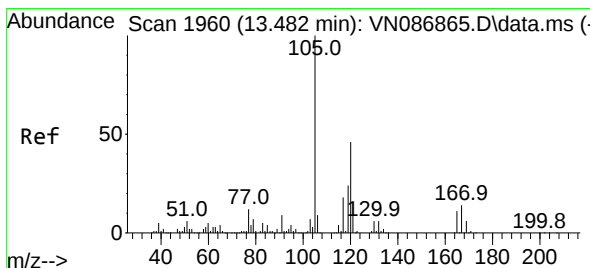
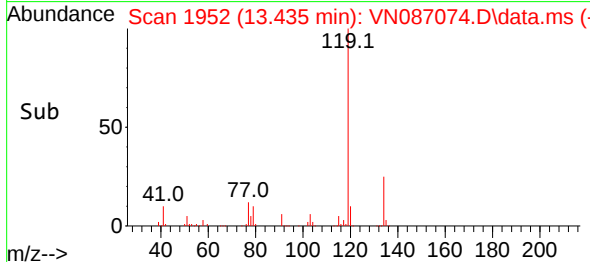
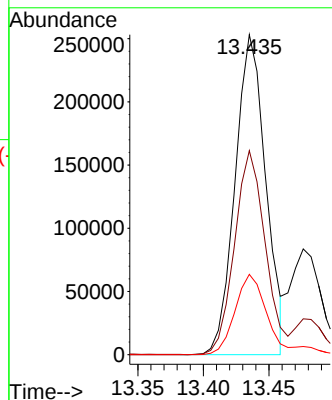
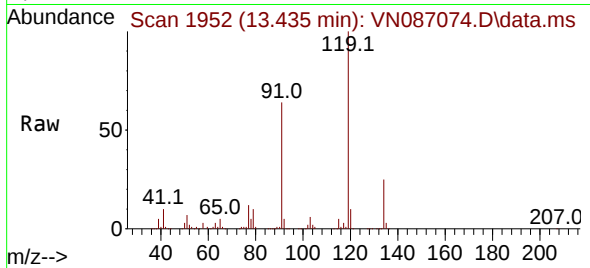




#83
 tert-Butylbenzene
 Concen: 45.624 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

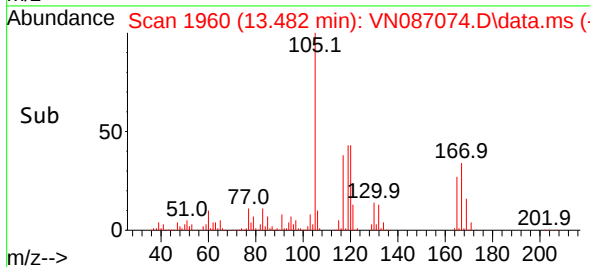
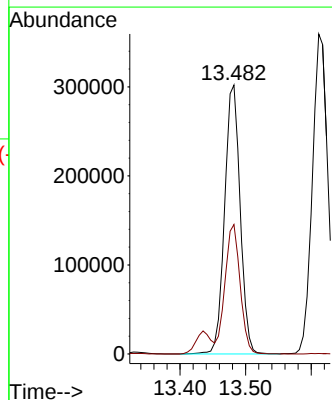
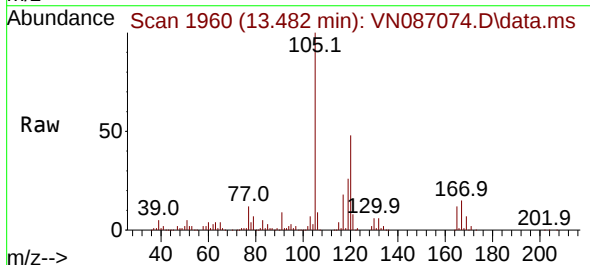
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

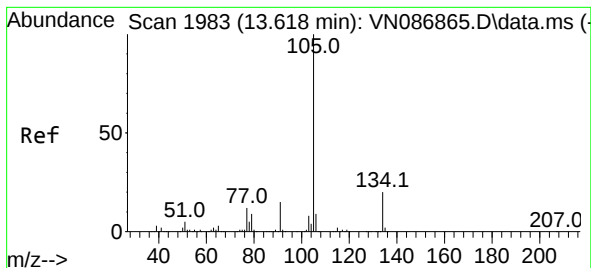
Tgt Ion:119 Resp: 411961
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.1 96.5
 134 27.4 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.084 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087074.D
 Acq: 18 Jun 2025 10:21

Tgt Ion:105 Resp: 495408
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 45.019 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

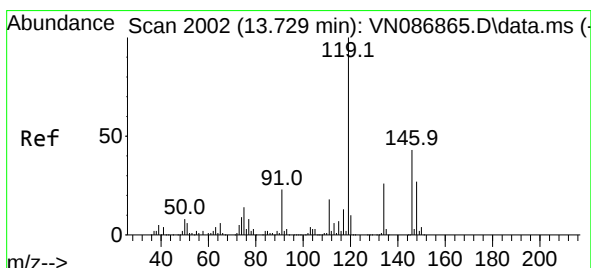
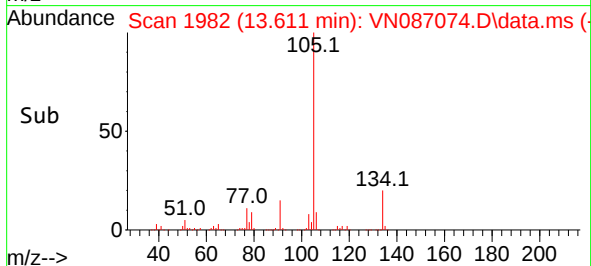
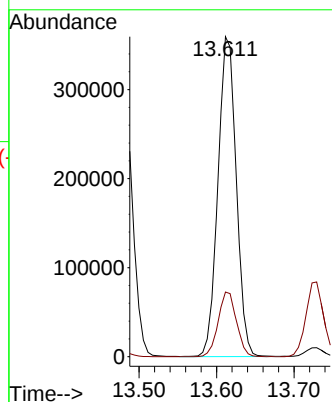
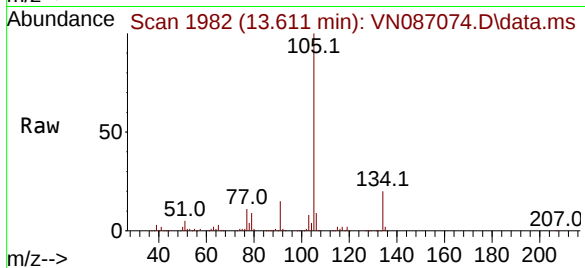
VSTDCCC050

Tgt Ion:105 Resp: 590317

Ion Ratio Lower Upper

105 100

134 20.2 10.0 30.0



#86

p-Isopropyltoluene

Concen: 46.356 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

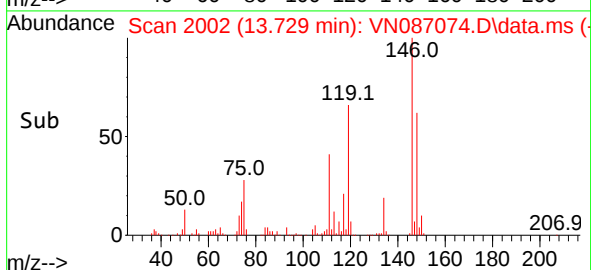
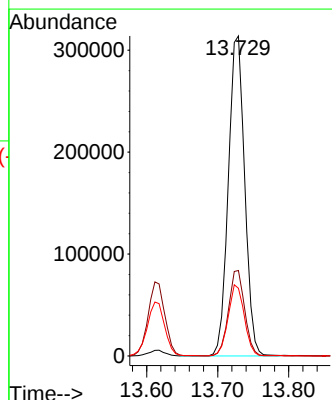
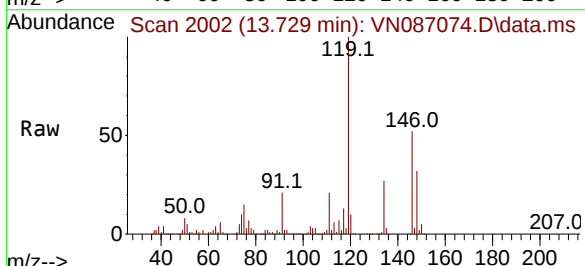
Tgt Ion:119 Resp: 502465

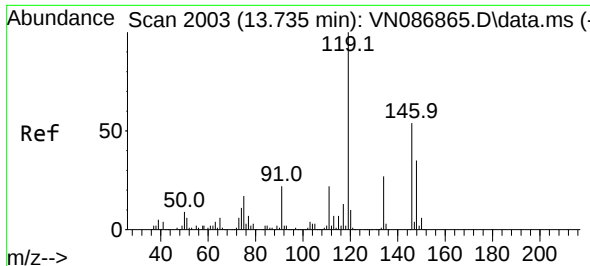
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 21.8 11.5 34.4

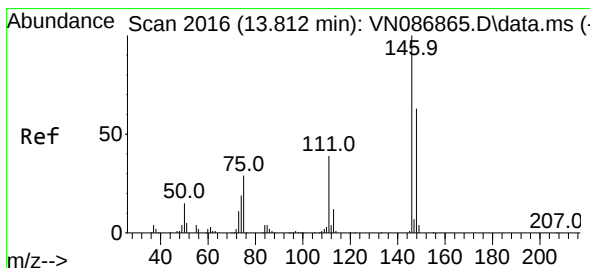
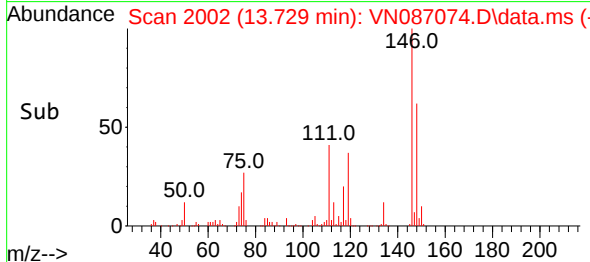
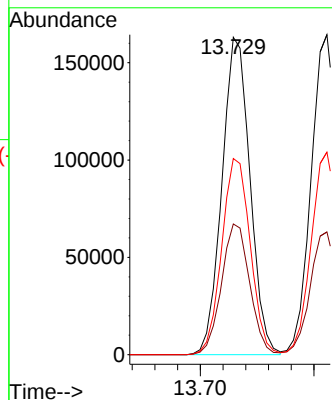
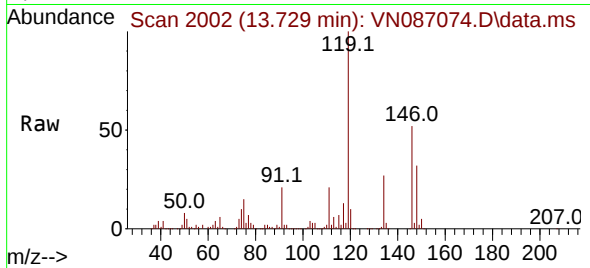




#87
1,3-Dichlorobenzene
Concen: 51.871 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

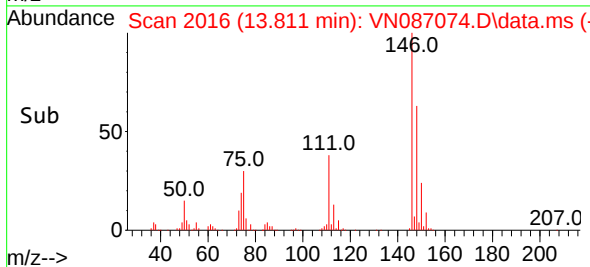
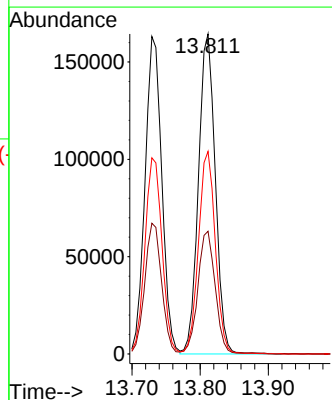
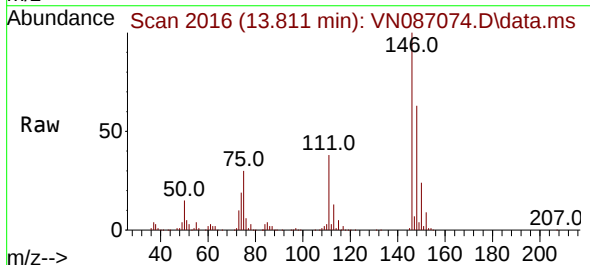
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

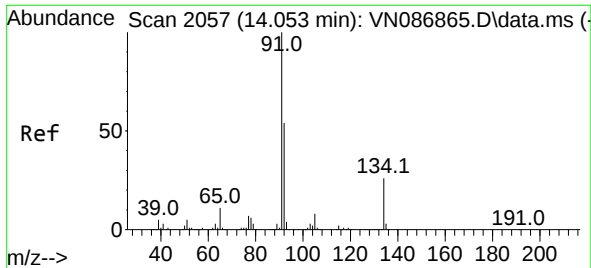
Tgt Ion:146 Resp: 279631
Ion Ratio Lower Upper
146 100
111 41.5 20.9 62.8
148 62.9 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 51.398 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:146 Resp: 282492
Ion Ratio Lower Upper
146 100
111 38.8 19.9 59.7
148 63.4 31.8 95.4

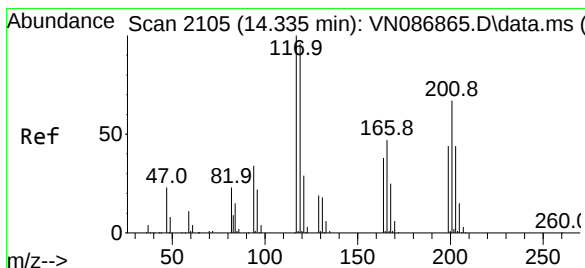
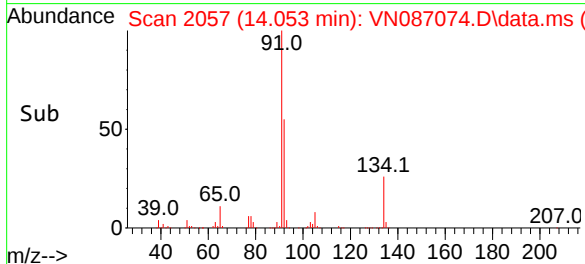
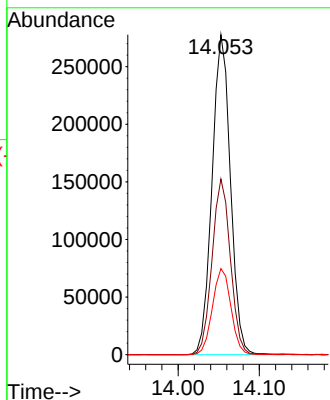
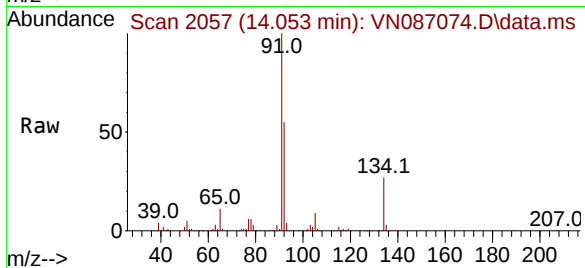




#89
n-Butylbenzene
Concen: 41.655 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

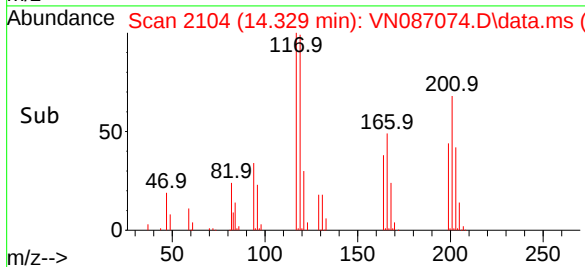
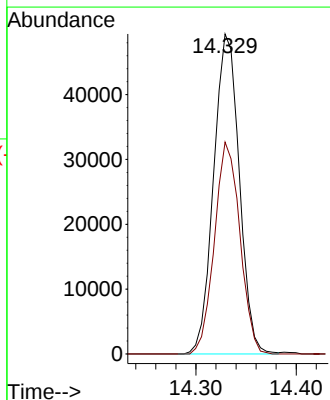
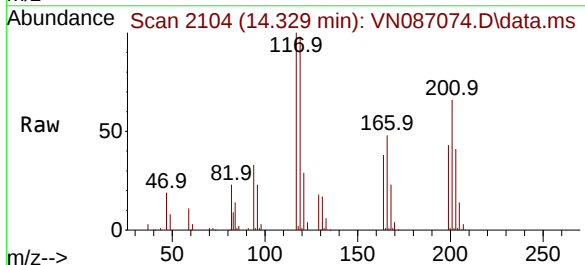
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 437343
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.4
134 27.1 13.0 39.0



#90
Hexachloroethane
Concen: 47.628 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 117 Resp: 87508
Ion Ratio Lower Upper
117 100
201 65.5 33.2 99.6

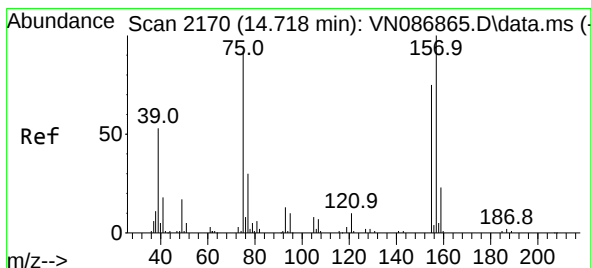
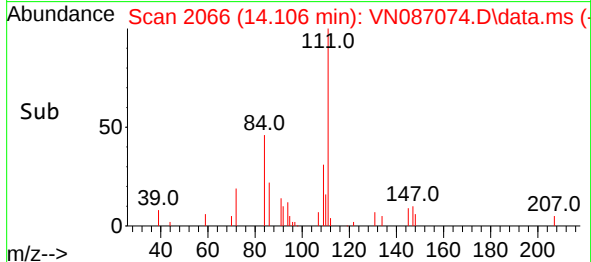
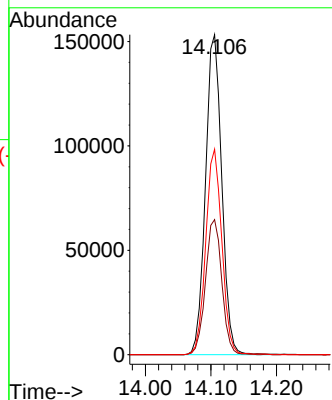
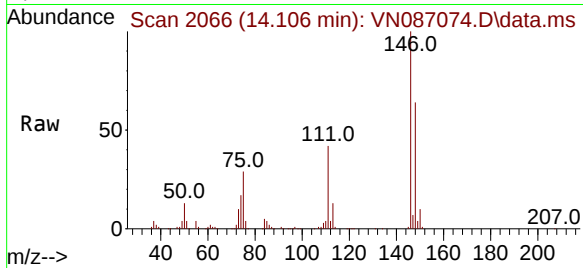




#91
1,2-Dichlorobenzene
Concen: 51.121 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

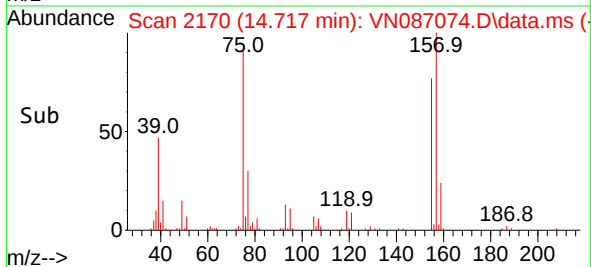
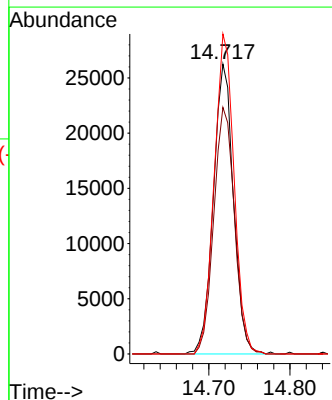
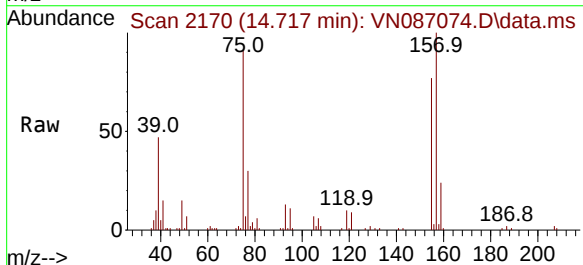
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

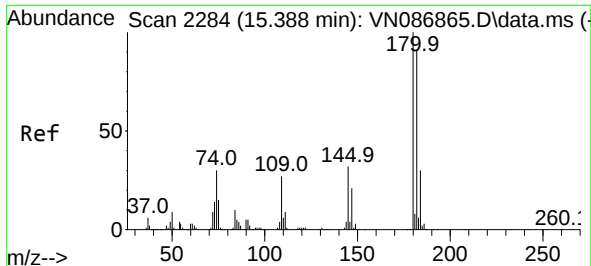
Tgt Ion:146 Resp: 264771
Ion Ratio Lower Upper
146 100
111 42.4 21.6 64.6
148 63.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.814 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion: 75 Resp: 45316
Ion Ratio Lower Upper
75 100
155 86.9 41.1 123.4
157 109.2 52.7 158.1

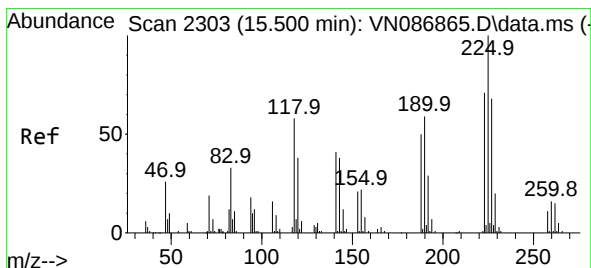
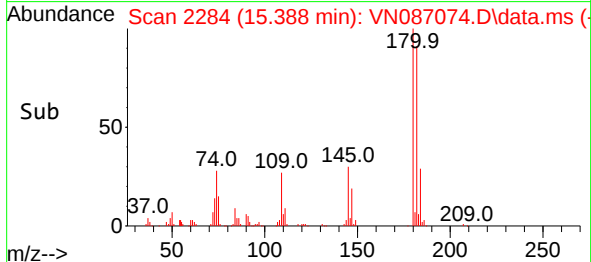
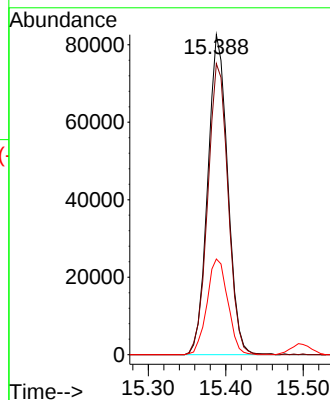
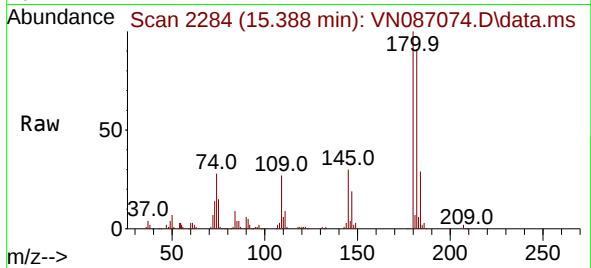




#93
1,2,4-Trichlorobenzene
Concen: 44.615 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

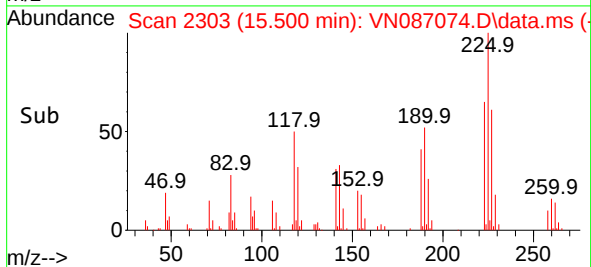
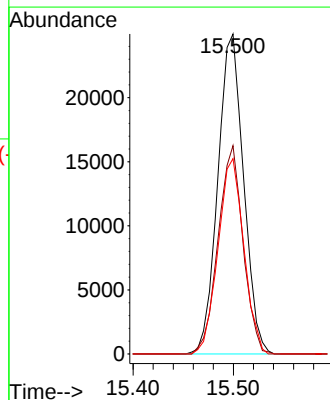
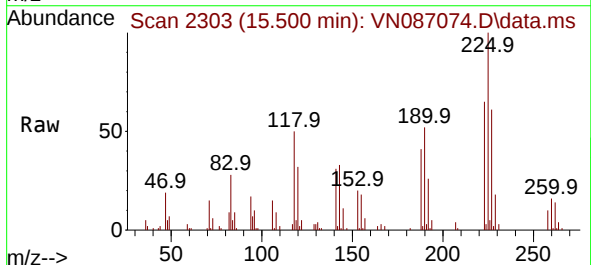
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

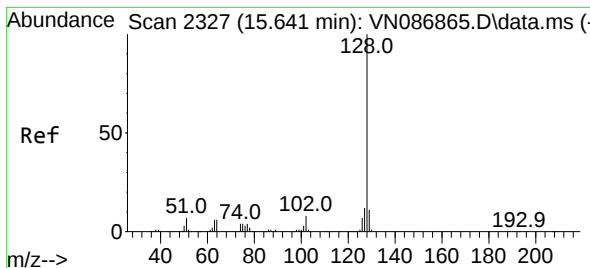
Tgt Ion:180 Resp: 147553
Ion Ratio Lower Upper
180 100
182 92.6 46.9 140.7
145 31.2 16.0 47.9



#94
Hexachlorobutadiene
Concen: 36.072 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087074.D
Acq: 18 Jun 2025 10:21

Tgt Ion:225 Resp: 44448
Ion Ratio Lower Upper
225 100
223 62.9 33.5 100.4
227 61.0 31.1 93.5





#95

Naphthalene

Concen: 47.478 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

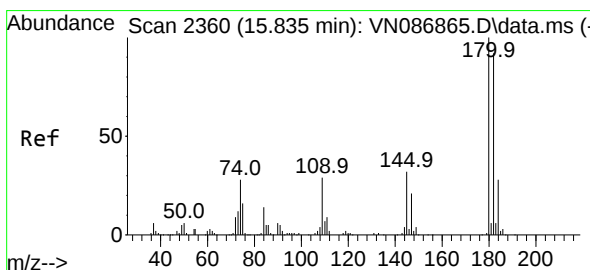
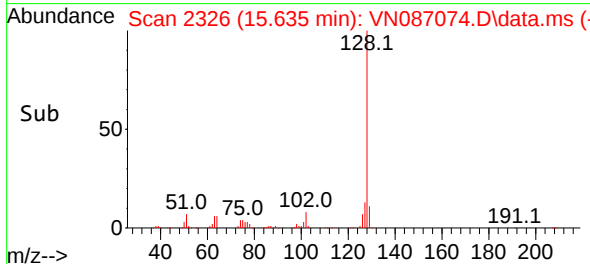
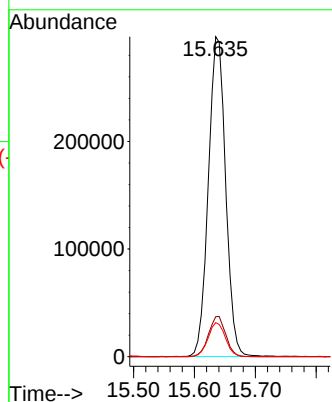
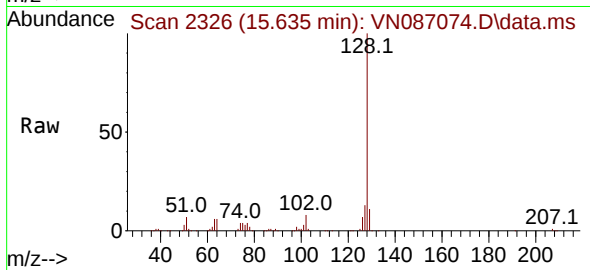
Tgt Ion:128 Resp: 584462

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 43.093 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087074.D

Acq: 18 Jun 2025 10:21

Tgt Ion:180 Resp: 141602

Ion Ratio Lower Upper

180 100

182 93.8 47.0 141.0

145 34.2 16.6 49.8

