

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087045.D
 Acq On : 17 Jun 2025 09:25
 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 18 01:41:33 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	8.230	168	178887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	312096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137590	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	111173	46.417	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.840%
35) Dibromofluoromethane	8.177	113	95983	51.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.800%
50) Toluene-d8	10.565	98	358050	48.901	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.847	95	133394	49.036	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.153	85	105437	59.114	ug/l	100
3) Chloromethane	2.395	50	108375	47.054	ug/l	99
4) Vinyl Chloride	2.553	62	140696	59.218	ug/l	99
5) Bromomethane	2.995	94	63664	47.883	ug/l	98
6) Chloroethane	3.159	64	88430	57.621	ug/l	92
7) Trichlorofluoromethane	3.530	101	180597	58.179	ug/l	98
8) Diethyl Ether	3.983	74	75753	56.010	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	112692	57.783	ug/l	98
10) Methyl Iodide	4.612	142	70472	27.875	ug/l	98
11) Tert butyl alcohol	5.536	59	145967	224.604	ug/l	100
12) 1,1-Dichloroethene	4.365	96	114343	57.428	ug/l	95
13) Acrolein	4.206	56	35237	171.293	ug/l	99
14) Allyl chloride	5.047	41	166948	50.559	ug/l	96
15) Acrylonitrile	5.736	53	385697	253.912	ug/l	99
16) Acetone	4.442	43	337624	265.816	ug/l	97
17) Carbon Disulfide	4.742	76	338278	61.422	ug/l	100
18) Methyl Acetate	5.047	43	159602	43.119	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	383089	53.139	ug/l	100
20) Methylene Chloride	5.294	84	128619	54.089	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	122249	55.186	ug/l	94
22) Diisopropyl ether	6.688	45	357872	51.415	ug/l	97
23) Vinyl Acetate	6.618	43	1581728	268.963	ug/l	97
24) 1,1-Dichloroethane	6.588	63	219016	54.677	ug/l	99
25) 2-Butanone	7.494	43	476455	230.777	ug/l	97
26) 2,2-Dichloropropane	7.500	77	189738	60.894	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	147033	55.499	ug/l	99
28) Bromochloromethane	7.824	49	79836	40.537	ug/l	93
29) Tetrahydrofuran	7.847	42	318733	236.990	ug/l	96
30) Chloroform	7.977	83	216737	54.181	ug/l	98
31) Cyclohexane	8.265	56	196017	50.460	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	182413	53.614	ug/l	97
36) 1,1-Dichloropropene	8.382	75	161052	58.436	ug/l	100
37) Ethyl Acetate	7.571	43	184563	52.606	ug/l	99
38) Carbon Tetrachloride	8.371	117	155867	57.605	ug/l	98
39) Methylcyclohexane	9.606	83	193140	51.151	ug/l	95
40) Benzene	8.612	78	510124	56.603	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	97416	49.441	ug/l	94
42) 1,2-Dichloroethane	8.677	62	152007	55.609	ug/l	99
43) Isopropyl Acetate	8.694	43	283428	50.333	ug/l	97
44) Trichloroethene	9.359	130	122896	57.509	ug/l	98
45) 1,2-Dichloropropane	9.624	63	122677	55.952	ug/l	97
46) Dibromomethane	9.712	93	85210	58.510	ug/l	99
47) Bromodichloromethane	9.888	83	169444	56.550	ug/l	98
48) Methyl methacrylate	9.682	41	130292	50.271	ug/l	95
49) 1,4-Dioxane	9.700	88	49294	1045.473	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	873718	257.739	ug/l	97
52) Toluene	10.629	92	315522	57.288	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	190622	56.893	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	205171	57.231	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	118127	55.740	ug/l	99
56) Ethyl methacrylate	10.876	69	195696	57.976	ug/l	94
57) 1,3-Dichloropropane	11.165	76	205677	55.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	490344	243.555	ug/l	99
59) 2-Hexanone	11.200	43	579829	265.542	ug/l	94
60) Dibromochloromethane	11.359	129	127864	57.909	ug/l	98
61) 1,2-Dibromoethane	11.471	107	122619	56.449	ug/l	99
64) Tetrachloroethene	11.106	164	97132	55.204	ug/l	96
65) Chlorobenzene	11.888	112	337054	54.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	110500	56.061	ug/l	99
67) Ethyl Benzene	11.965	91	573298	54.279	ug/l	98
68) m/p-Xylenes	12.070	106	459223	113.581	ug/l	97
69) o-Xylene	12.394	106	218362	56.391	ug/l	96
70) Styrene	12.412	104	374480	56.515	ug/l	99
71) Bromoform	12.576	173	85445	58.506	ug/l #	99
73) Isopropylbenzene	12.694	105	537032	53.577	ug/l	99
74) N-amyl acetate	12.512	43	160037	45.690	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	184655	54.378	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	245837	75.167	ug/l	71
77) Bromobenzene	12.982	156	131485	57.199	ug/l	96
78) n-propylbenzene	13.035	91	641851	52.692	ug/l	99
79) 2-Chlorotoluene	13.123	91	385196	52.729	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	443295	53.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	76922	54.141	ug/l	88
82) 4-Chlorotoluene	13.217	91	398180	53.869	ug/l	99
83) tert-Butylbenzene	13.435	119	378527	49.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	446609	53.818	ug/l	99
85) sec-Butylbenzene	13.612	105	539504	49.041	ug/l	99
86) p-Isopropyltoluene	13.729	119	458085	50.373	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	248250	54.889	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	254911	55.283	ug/l	99
89) n-Butylbenzene	14.053	91	406564	46.157	ug/l	99
90) Hexachloroethane	14.329	117	80443	52.187	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	237605	54.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40448	49.806	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	134529	48.485	ug/l	99
94) Hexachlorobutadiene	15.494	225	38343	37.091	ug/l	99
95) Naphthalene	15.635	128	529854	51.304	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	128848	46.739	ug/l	99

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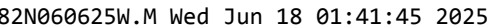
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MSVOA_N
ClientSampleId :
VSTDCCC050

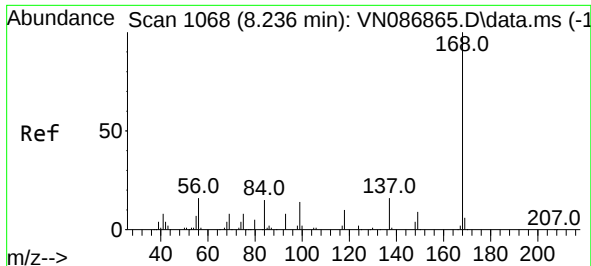
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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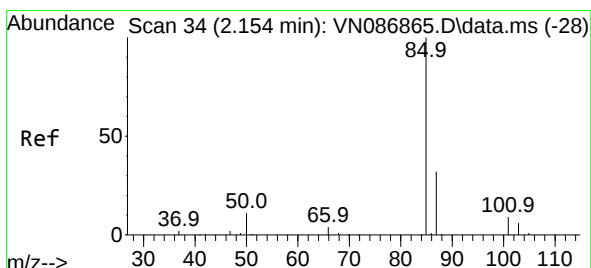
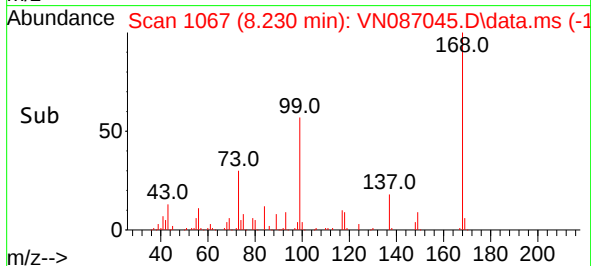
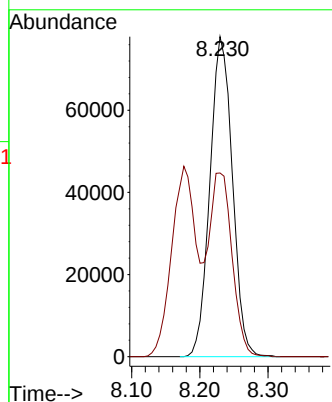
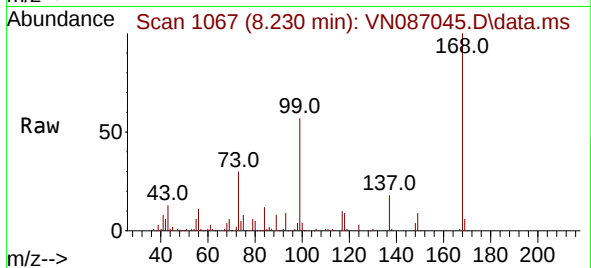




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.006 min
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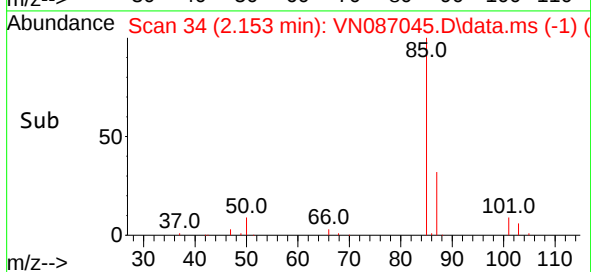
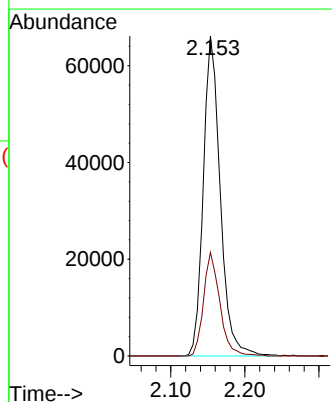
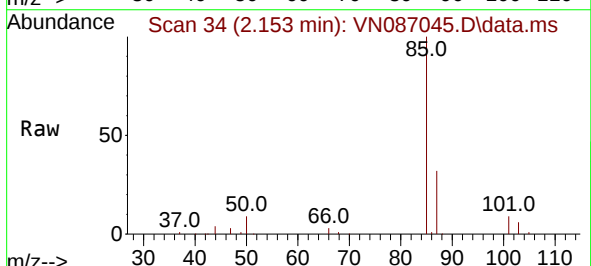
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 178887
Ion Ratio Lower Upper
168 100
99 57.4 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 59.114 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 85 Resp: 105437
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6

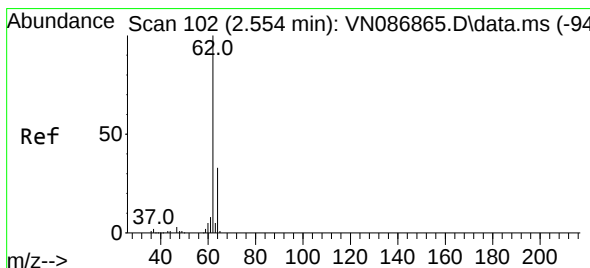
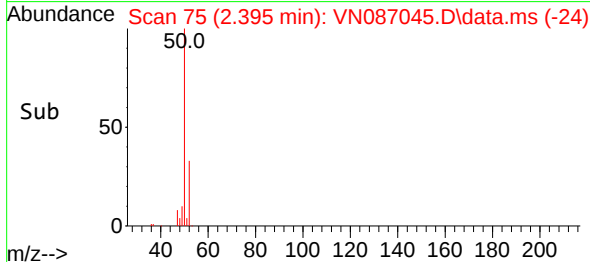
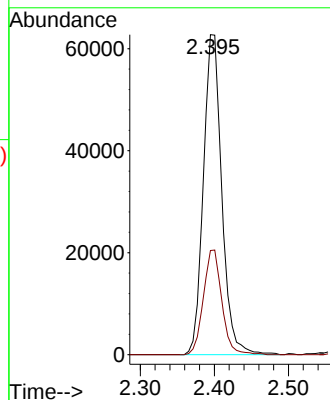
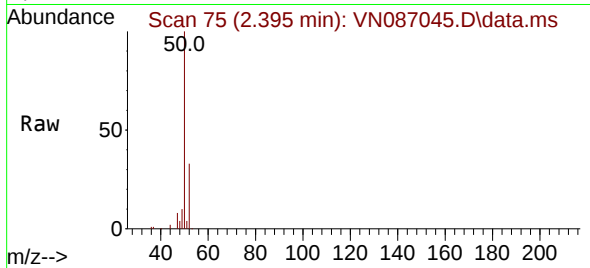




#3
Chloromethane
Concen: 47.054 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

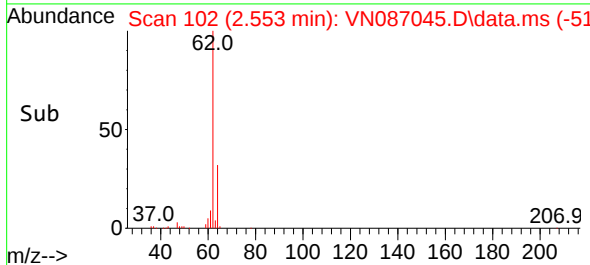
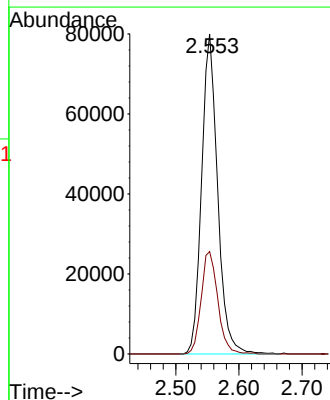
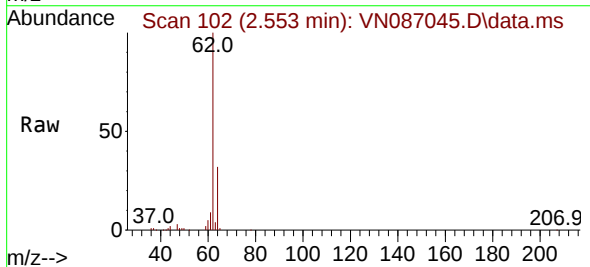
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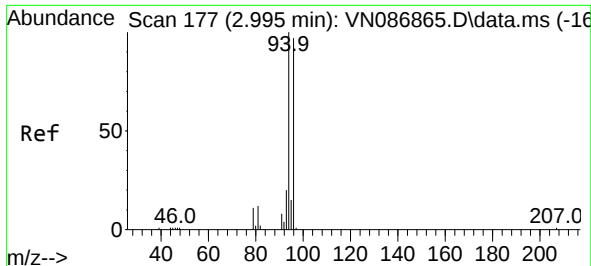
Tgt Ion: 50 Resp: 108375
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5



#4
Vinyl Chloride
Concen: 59.218 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087045.D
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Tgt Ion: 62 Resp: 140696
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

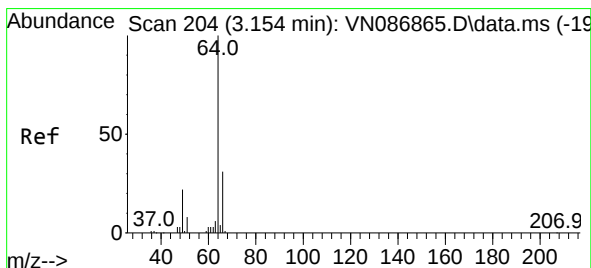
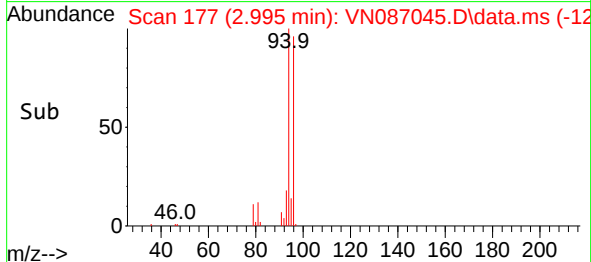
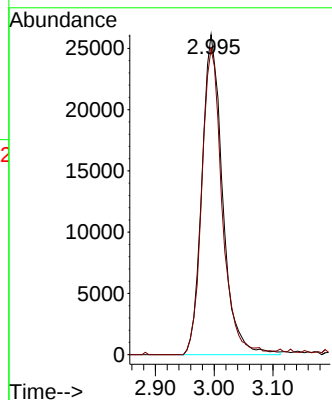
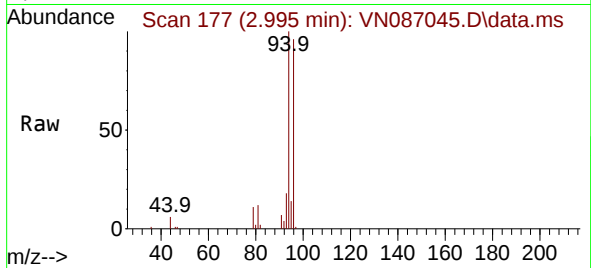




#5
Bromomethane
Concen: 47.883 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

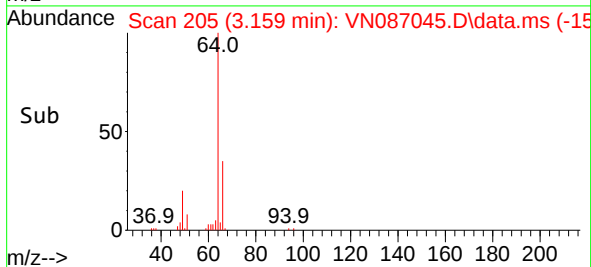
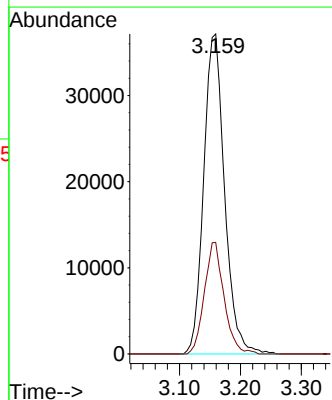
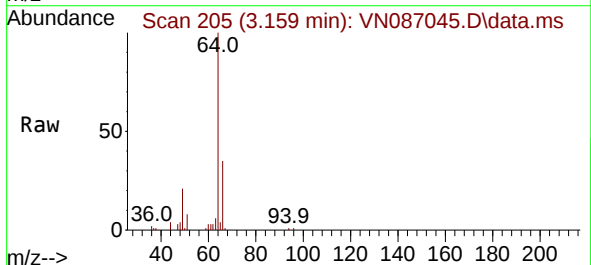
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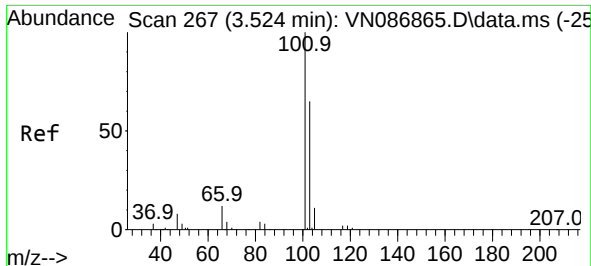
Tgt Ion: 94 Resp: 63664
Ion Ratio Lower Upper
94 100
96 95.7 77.9 116.9



#6
Chloroethane
Concen: 57.621 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 64 Resp: 88430
Ion Ratio Lower Upper
64 100
66 34.8 24.6 36.8

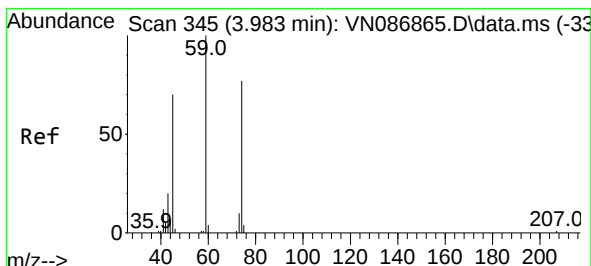
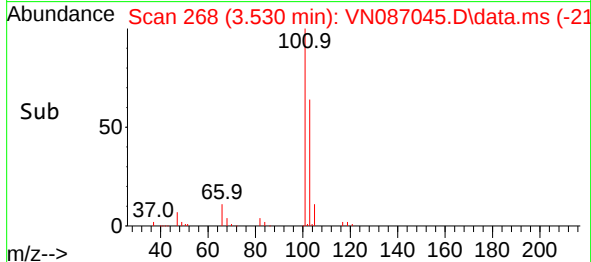
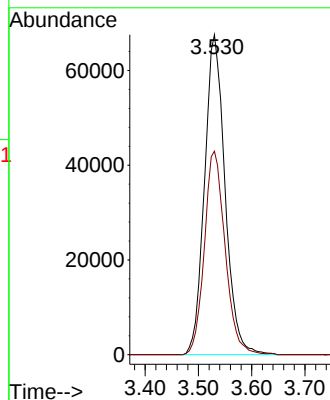
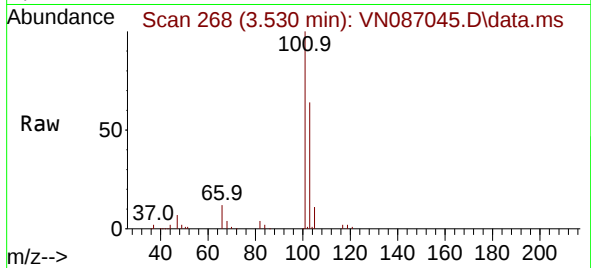




#7
Trichlorofluoromethane
Concen: 58.179 ug/l
RT: 3.530 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

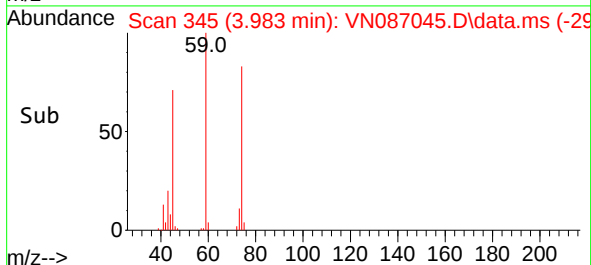
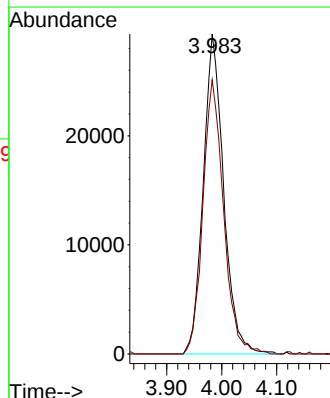
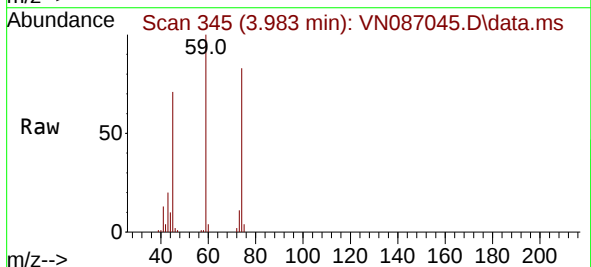
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 180597
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.2



#8
Diethyl Ether
Concen: 56.010 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 74 Resp: 75753
Ion Ratio Lower Upper
74 100
45 86.7 45.5 136.5

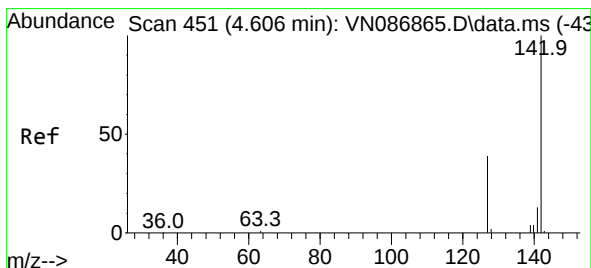
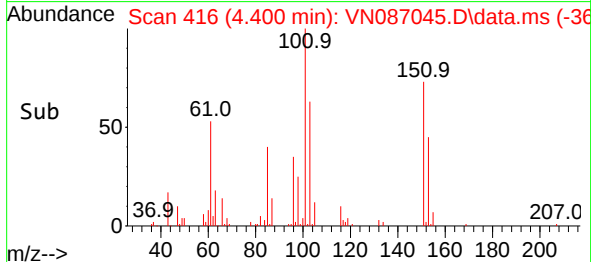
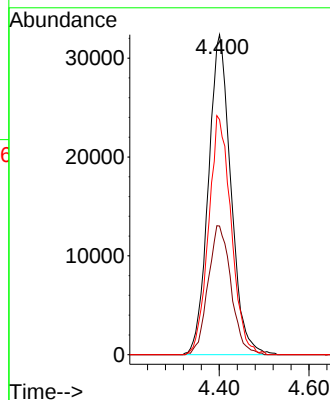
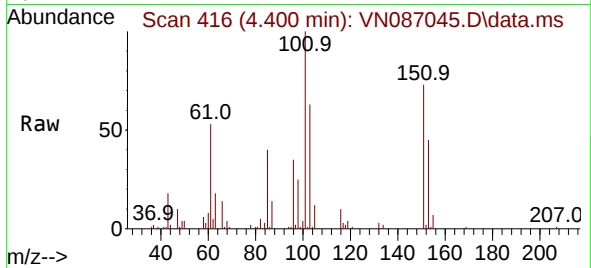




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.783 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087045.D
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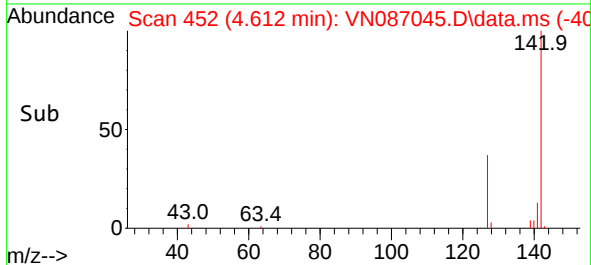
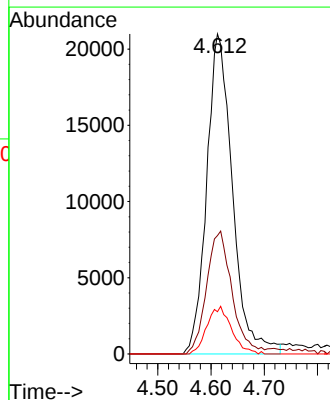
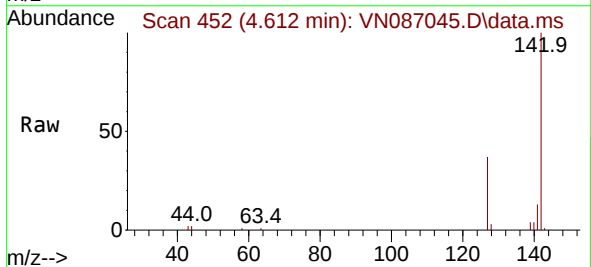
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 112692
Ion Ratio Lower Upper
101 100
85 41.2 33.8 50.8
151 75.0 58.7 88.1



#10
Methyl Iodide
Concen: 27.875 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:142 Resp: 70472
Ion Ratio Lower Upper
142 100
127 37.0 30.9 46.3
141 13.2 10.4 15.6

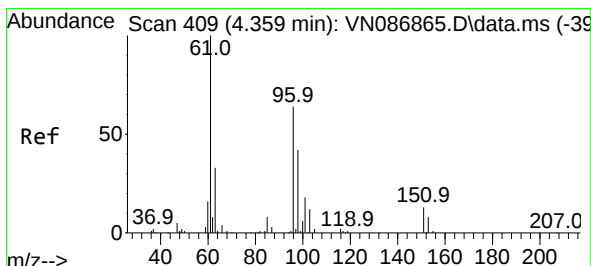
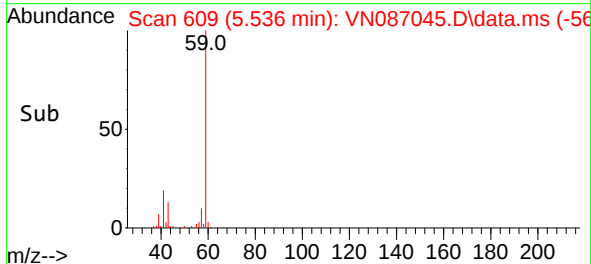
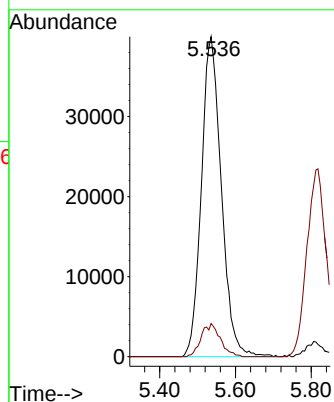
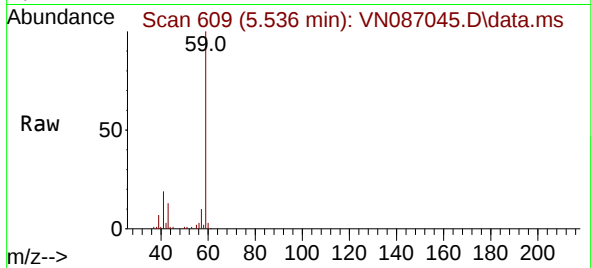




#11
Tert butyl alcohol
Concen: 224.604 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

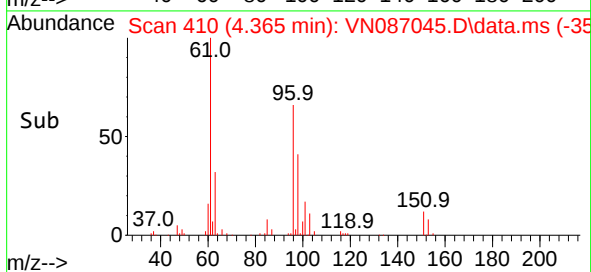
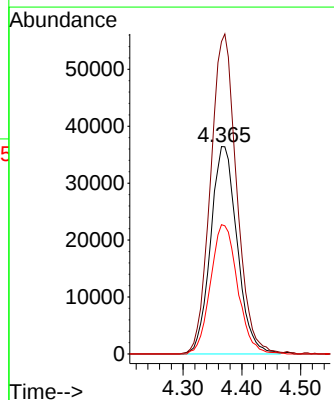
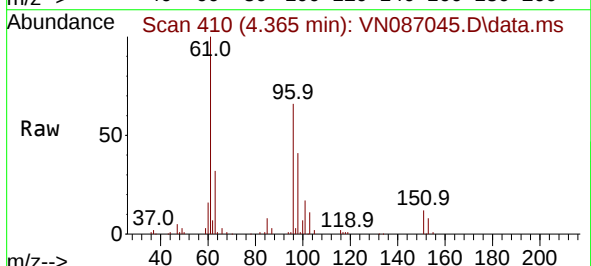
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

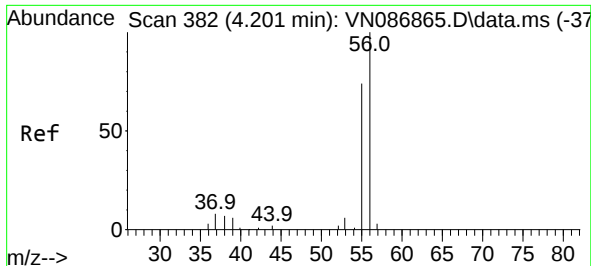
Tgt Ion: 59 Resp: 145967
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 57.428 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 96 Resp: 114343
Ion Ratio Lower Upper
96 100
61 150.6 125.8 188.6
98 62.3 52.5 78.7

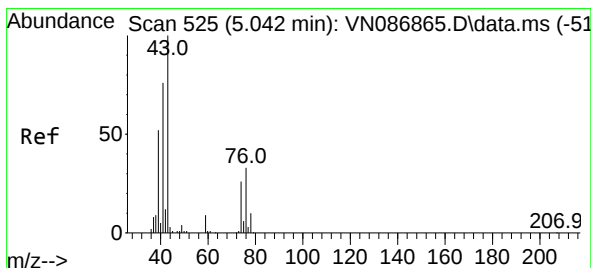
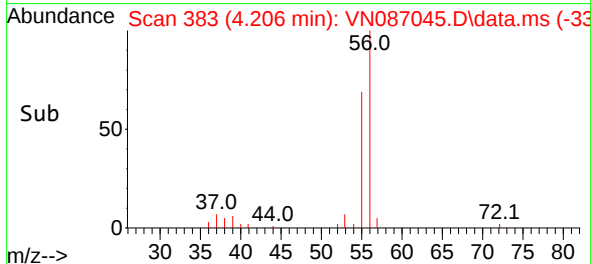
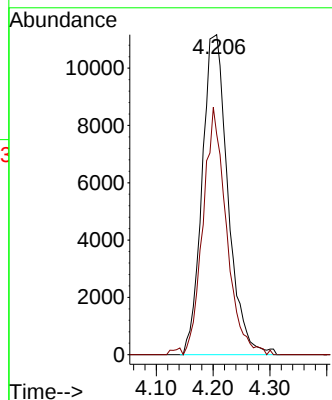
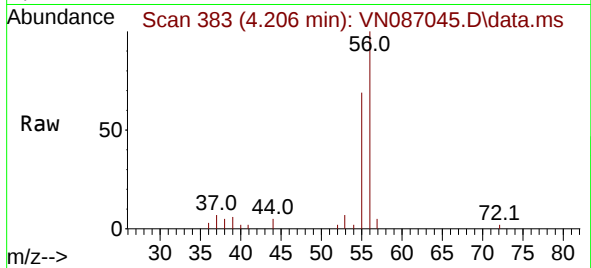




#13
Acrolein
Concen: 171.293 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

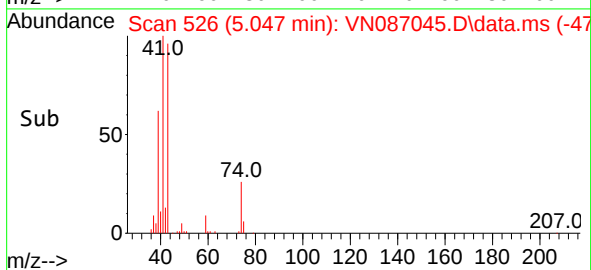
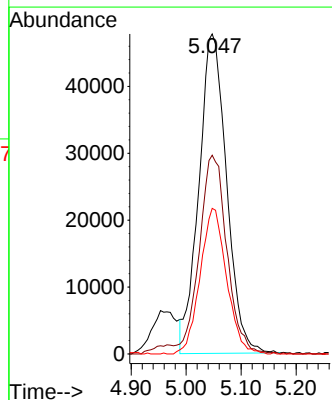
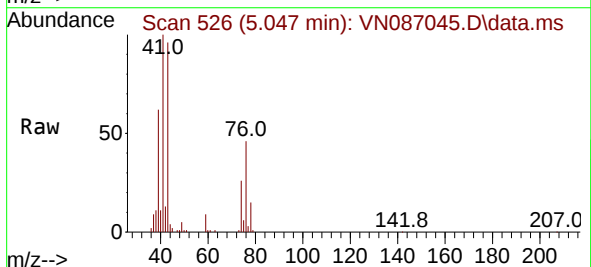
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 35237
Ion Ratio Lower Upper
56 100
55 70.0 55.6 83.4



#14
Allyl chloride
Concen: 50.559 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

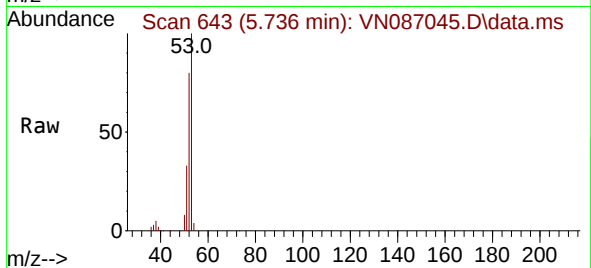
Tgt Ion: 41 Resp: 166948
Ion Ratio Lower Upper
41 100
39 62.4 51.3 76.9
76 43.6 31.4 47.0



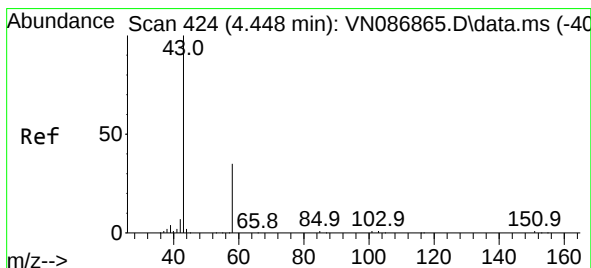
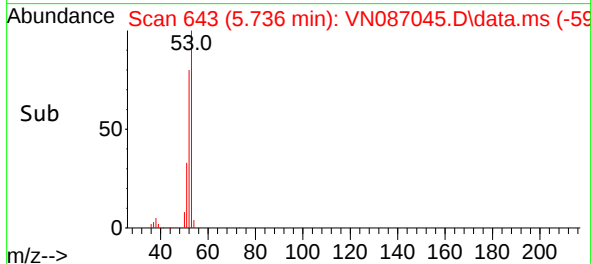
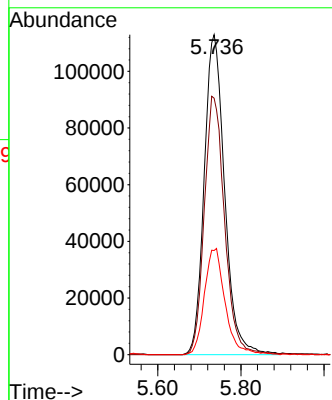


#15
Acrylonitrile
Concen: 253.912 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

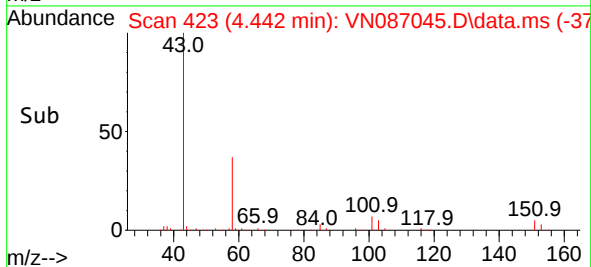
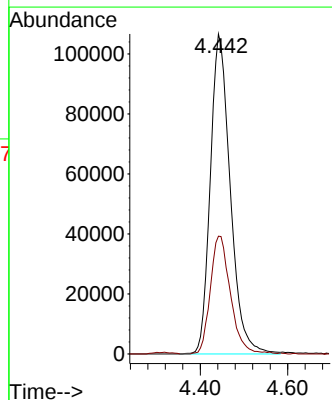
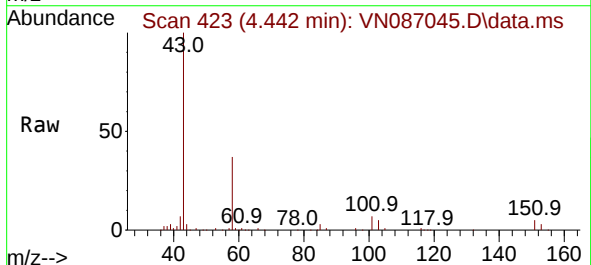


Tgt Ion:	53	Resp:	385697
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.0	97.6
51	33.7	27.2	40.8



#16
Acetone
Concen: 265.816 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:	43	Resp:	337624
Ion	Ratio	Lower	Upper
43	100		
58	36.8	28.0	42.0

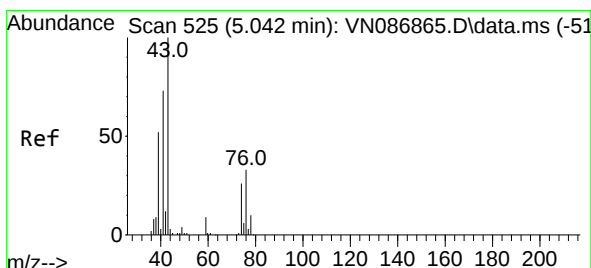
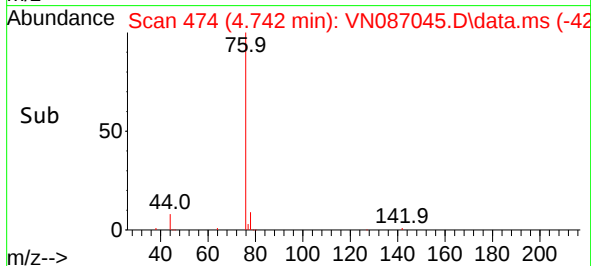
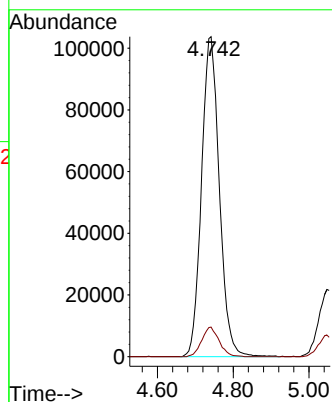
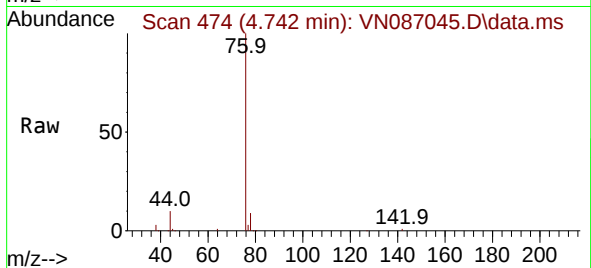




#17
Carbon Disulfide
Concen: 61.422 ug/l
RT: 4.742 min Scan# 473
Delta R.T. 0.012 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

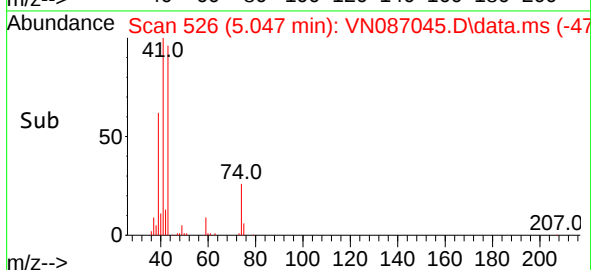
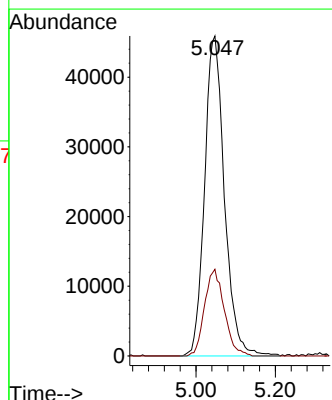
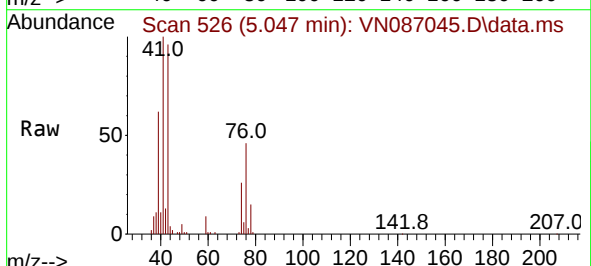
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

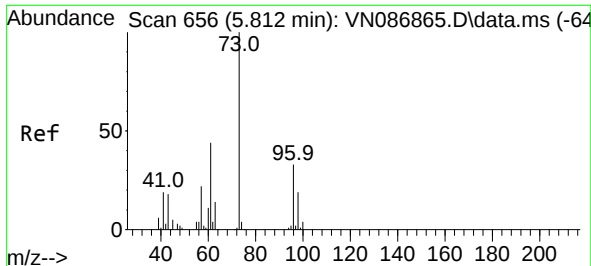
Tgt Ion: 76 Resp: 338278
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 43.119 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 43 Resp: 159602
Ion Ratio Lower Upper
43 100
74 26.9 20.7 31.1

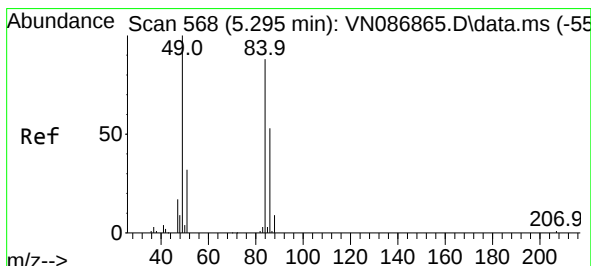
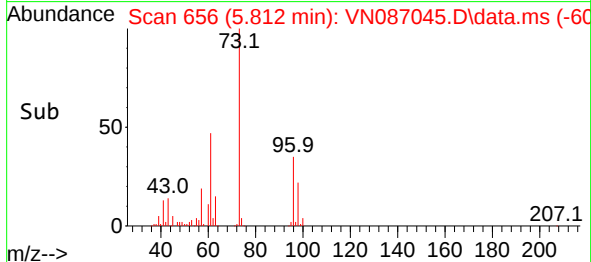
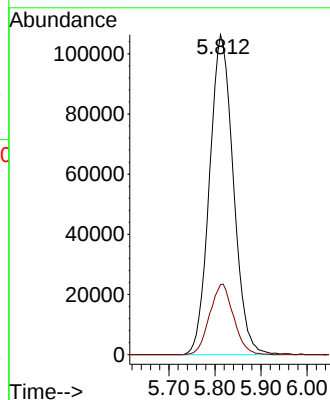
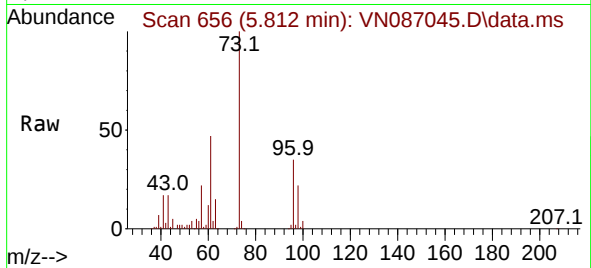




#19
Methyl tert-butyl Ether
Concen: 53.139 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

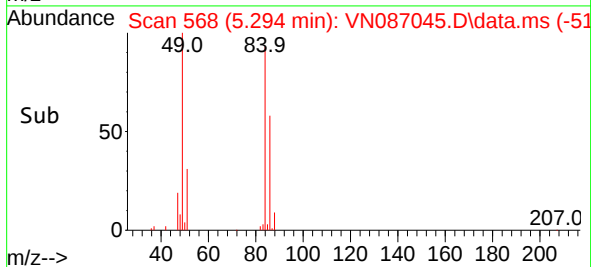
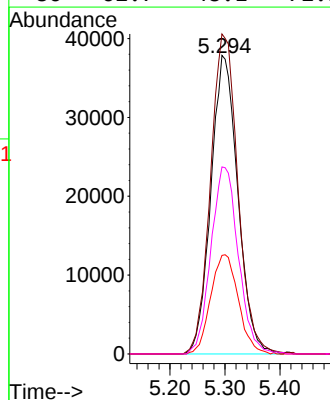
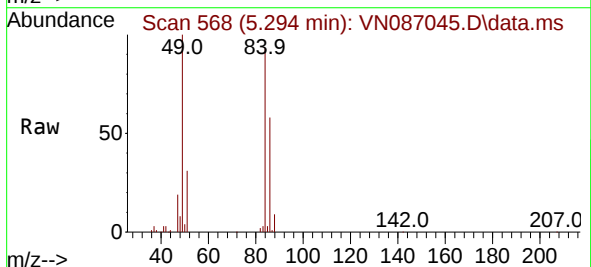
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

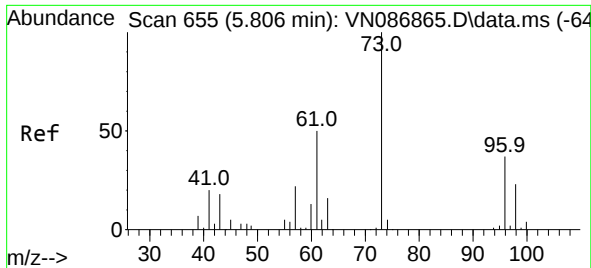
Tgt Ion: 73 Resp: 383089
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2



#20
Methylene Chloride
Concen: 54.089 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 84 Resp: 128619
Ion Ratio Lower Upper
84 100
49 107.2 90.5 135.7
51 33.0 28.5 42.7
86 62.7 48.1 72.1

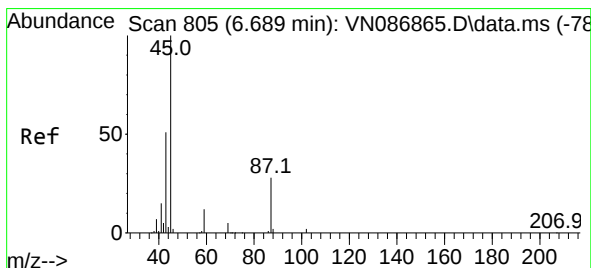
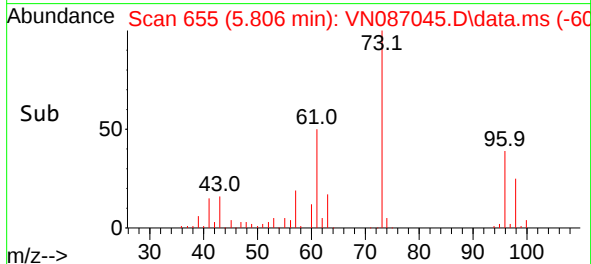
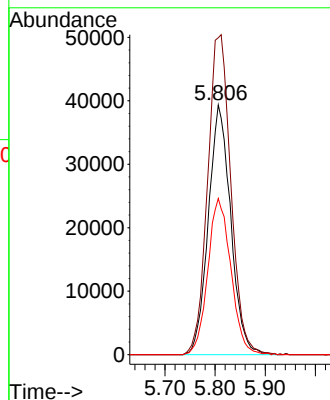
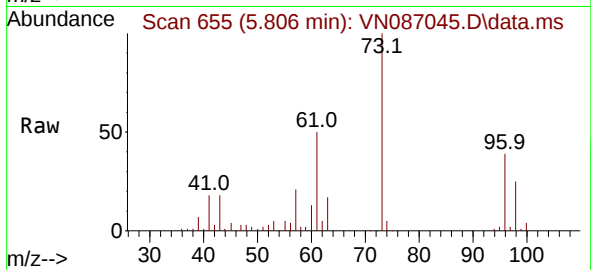




#21
trans-1,2-Dichloroethene
Concen: 55.186 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

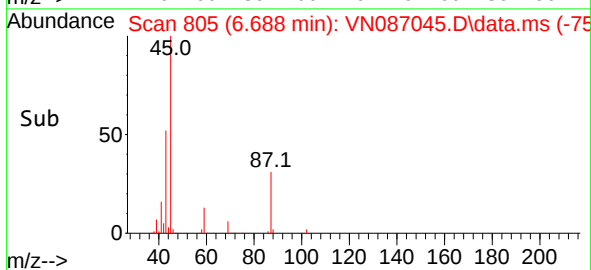
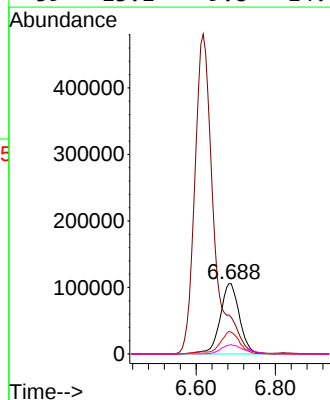
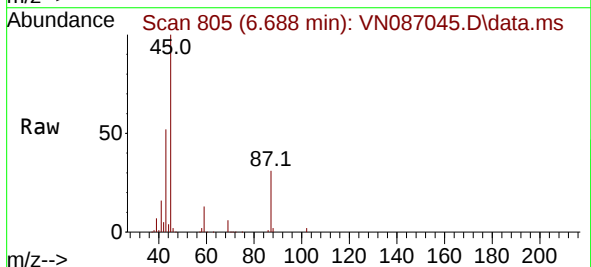
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 122249
Ion Ratio Lower Upper
96 100
61 126.9 109.2 163.8
98 62.5 49.8 74.8



#22
Diisopropyl ether
Concen: 51.415 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 45 Resp: 357872
Ion Ratio Lower Upper
45 100
43 50.7 41.9 62.9
87 30.9 22.4 33.6
59 13.1 9.8 14.6

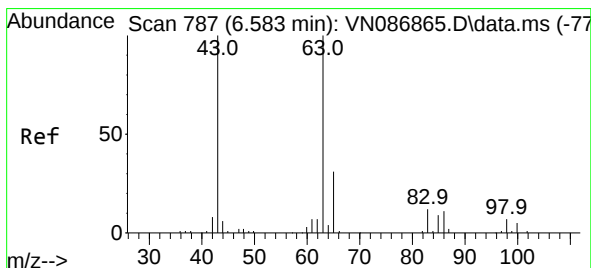
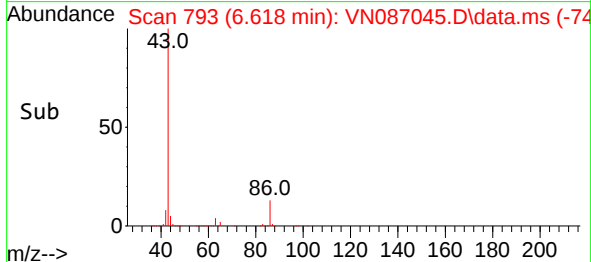
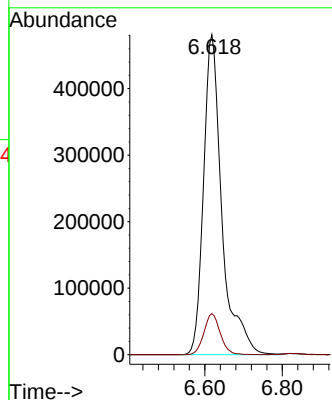
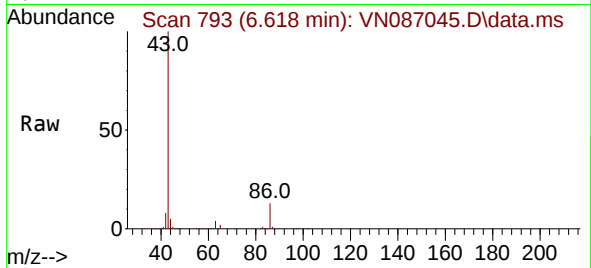




#23
 Vinyl Acetate
 Concen: 268.963 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

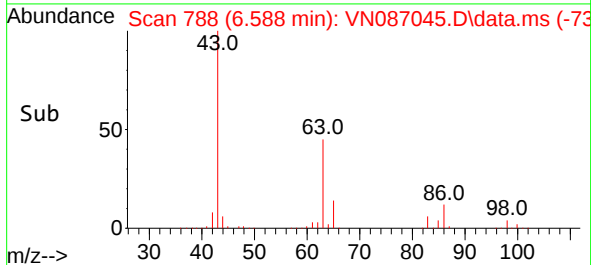
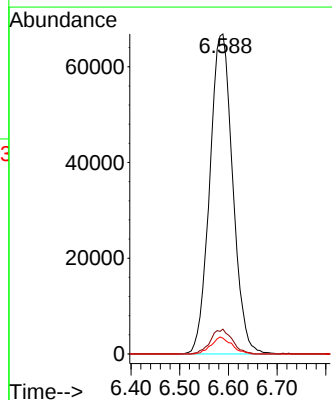
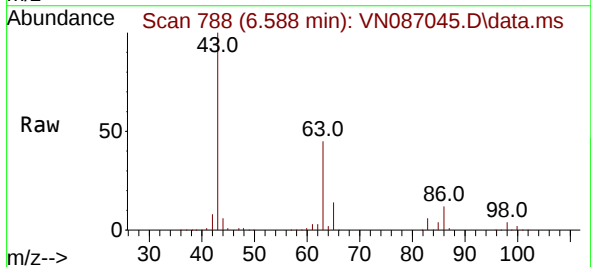
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1581728
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 54.677 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

Tgt Ion: 63 Resp: 219016
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.9 2.6 7.8

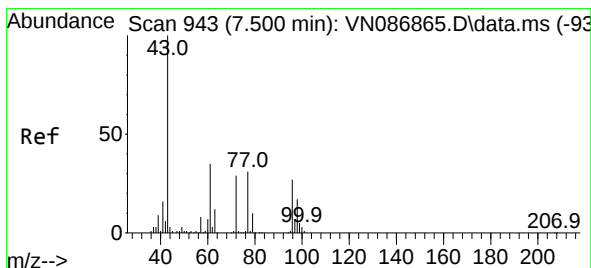
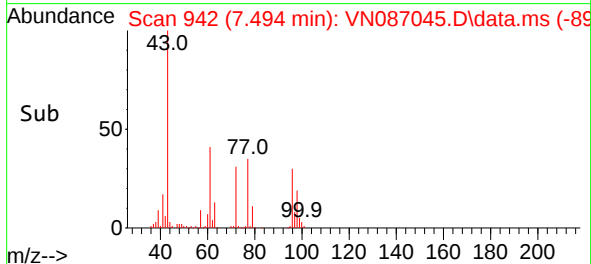
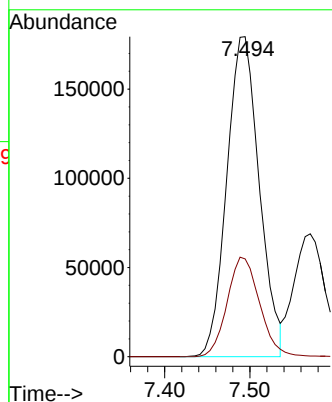
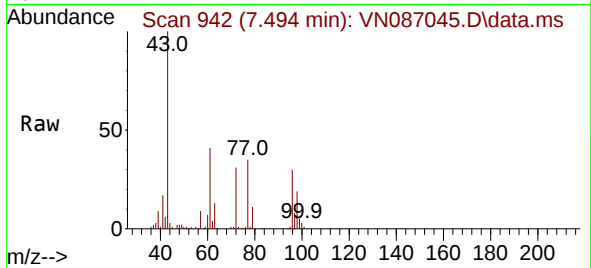




#25
2-Butanone
Concen: 230.777 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

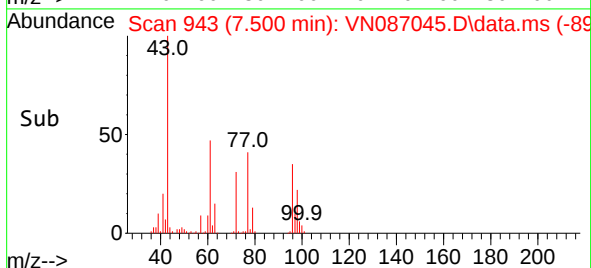
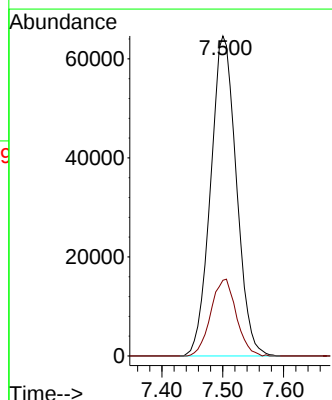
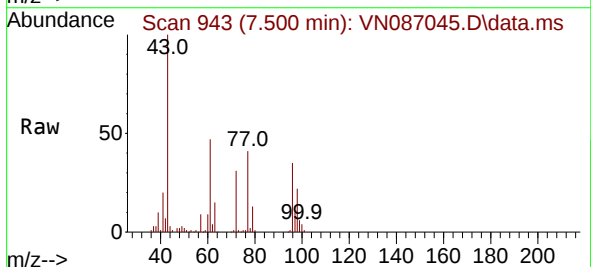
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 476455
Ion Ratio Lower Upper
43 100
72 30.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 60.894 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 77 Resp: 189738
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7



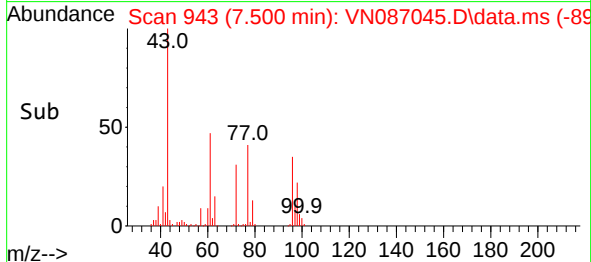
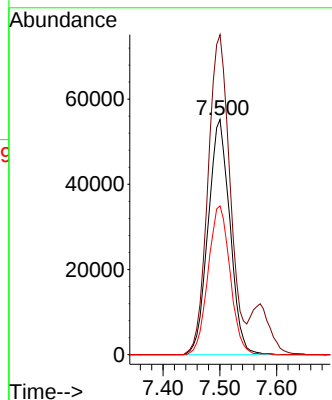
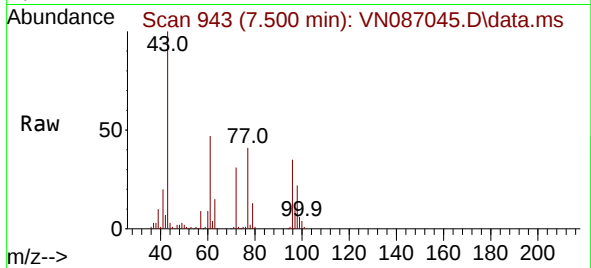


#27
 cis-1,2-Dichloroethene
 Concen: 55.499 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 147033

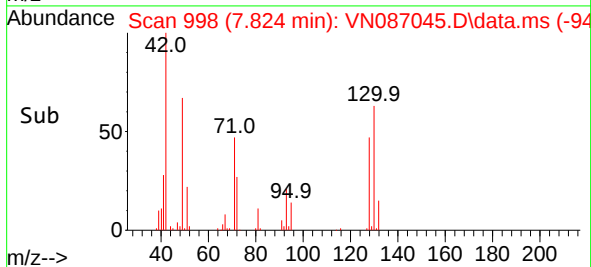
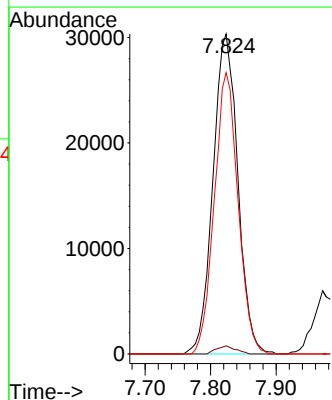
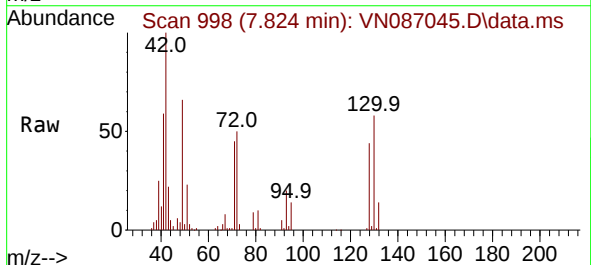
Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	278.0
98	63.8	0.0	128.2

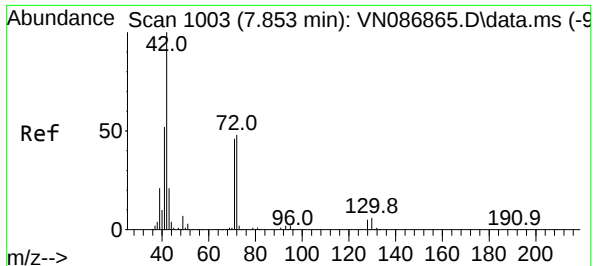


#28
 Bromochloromethane
 Concen: 40.537 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

Tgt Ion: 49 Resp: 79836

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	83.9	62.2	93.2





#29

Tetrahydrofuran

Concen: 236.990 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

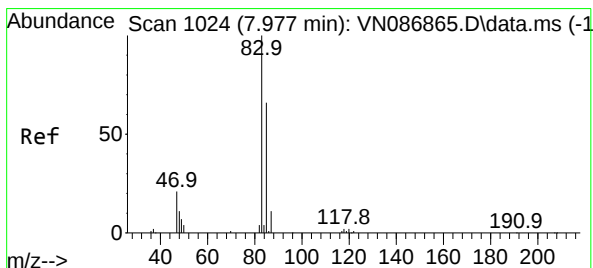
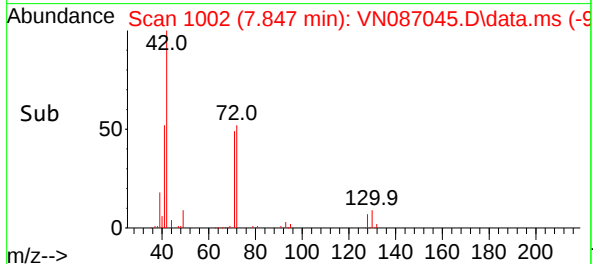
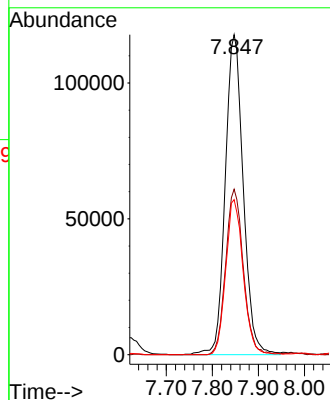
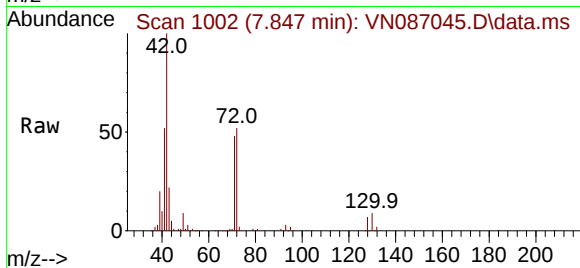
Tgt Ion: 42 Resp: 318733

Ion Ratio Lower Upper

42 100

72 50.5 37.8 56.6

71 47.0 35.6 53.4



#30

Chloroform

Concen: 54.181 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN087045.D

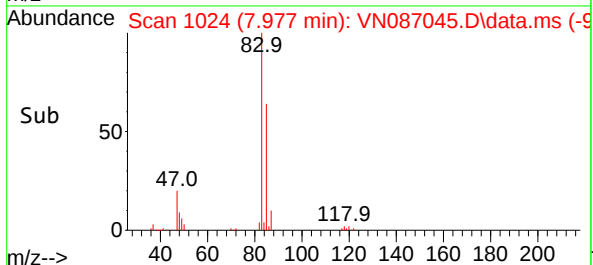
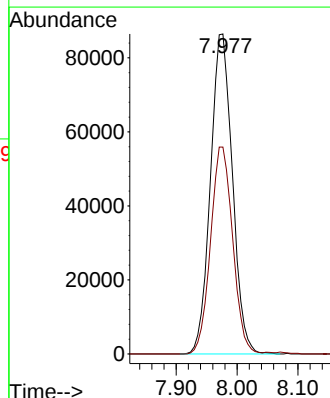
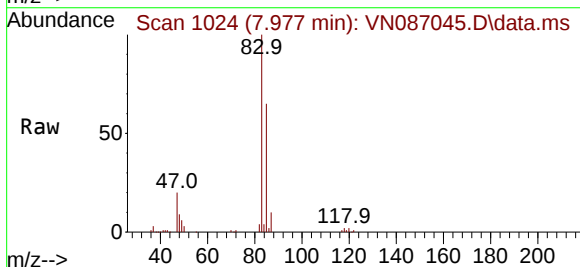
Acq: 17 Jun 2025 09:25

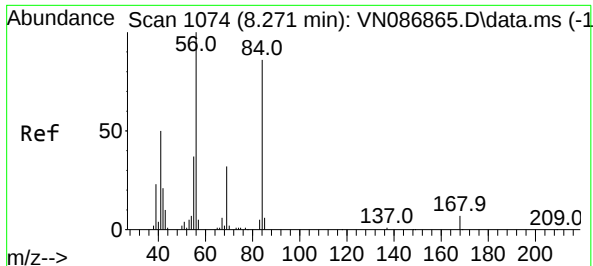
Tgt Ion: 83 Resp: 216737

Ion Ratio Lower Upper

83 100

85 64.6 52.9 79.3

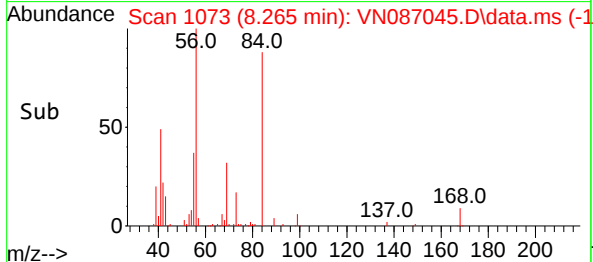
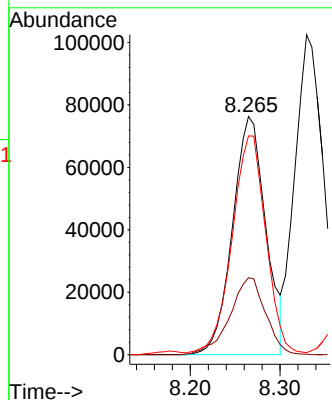
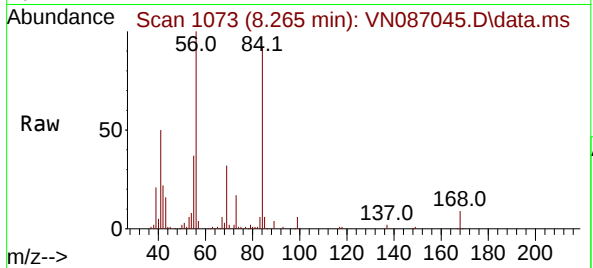




#31
Cyclohexane
Concen: 50.460 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

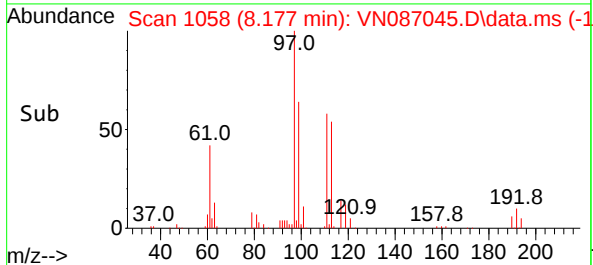
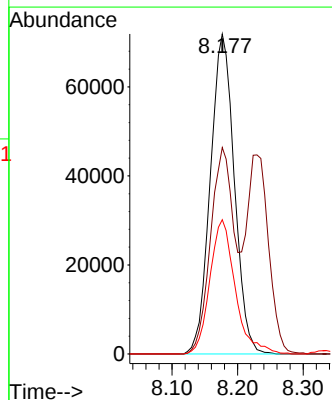
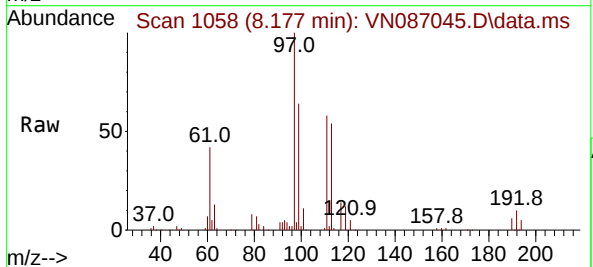
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

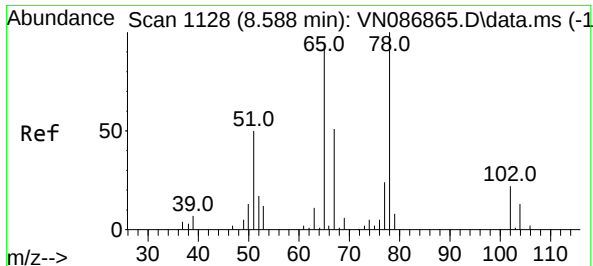
Tgt Ion: 56 Resp: 196017
Ion Ratio Lower Upper
56 100
69 32.3 25.4 38.0
84 90.8 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 53.614 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 97 Resp: 182413
Ion Ratio Lower Upper
97 100
99 61.5 52.0 78.0
61 44.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.417 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

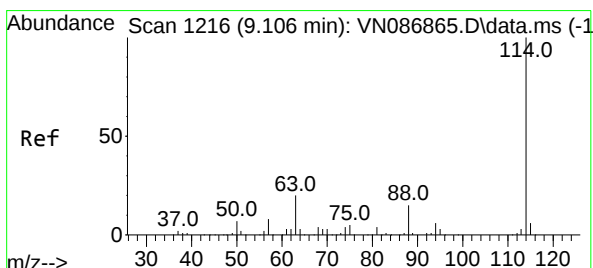
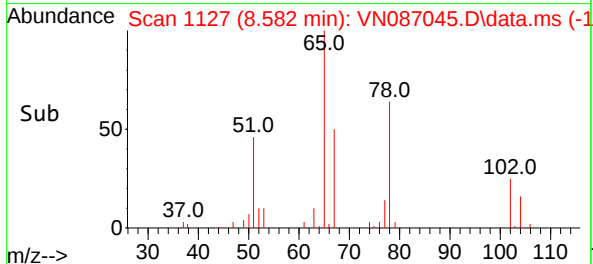
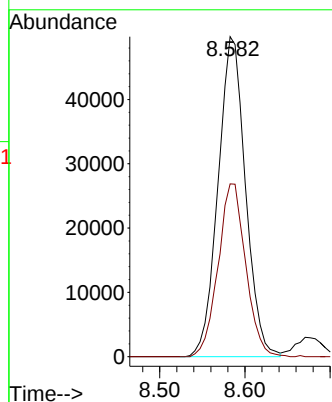
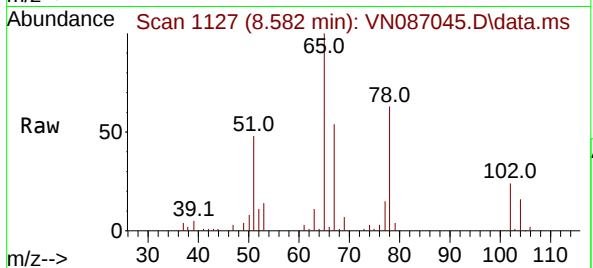
VSTDCCC050

Tgt Ion: 65 Resp: 111173

Ion Ratio Lower Upper

65 100

67 54.4 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: VN087045.D

Acq: 17 Jun 2025 09:25

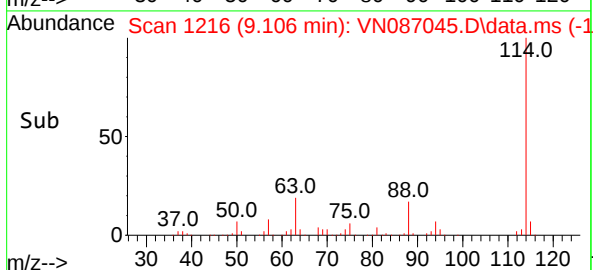
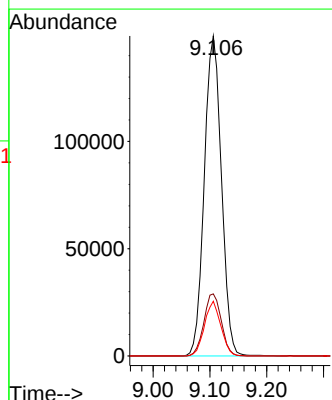
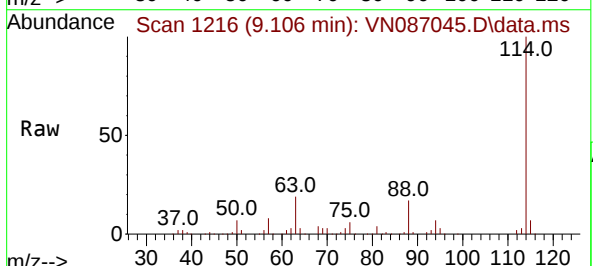
Tgt Ion: 114 Resp: 312096

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 17.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.895 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

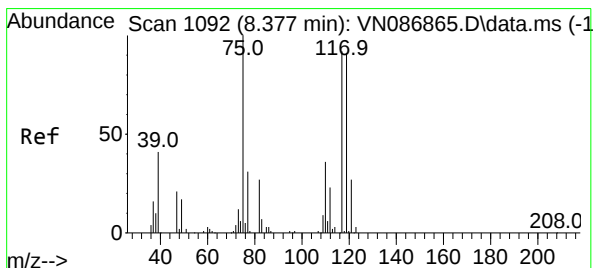
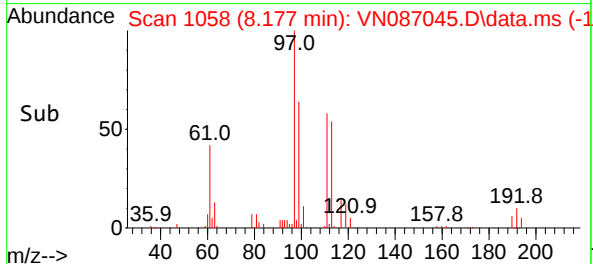
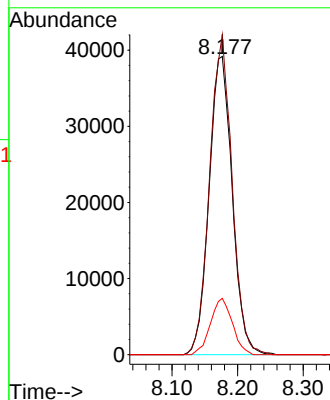
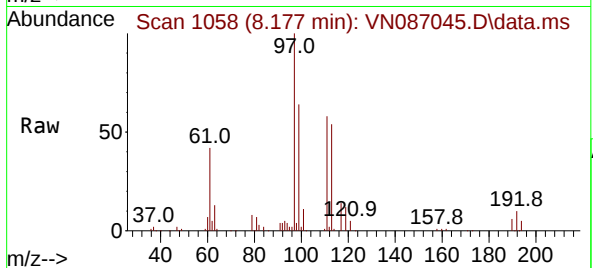
Tgt Ion:113 Resp: 95983

Ion Ratio Lower Upper

113 100

111 103.9 84.2 126.2

192 17.9 14.2 21.4



#36

1,1-Dichloropropene

Concen: 58.436 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

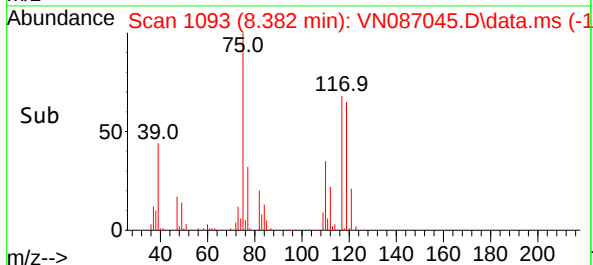
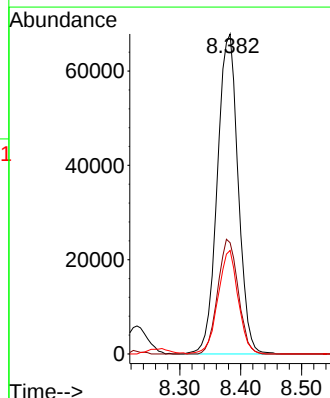
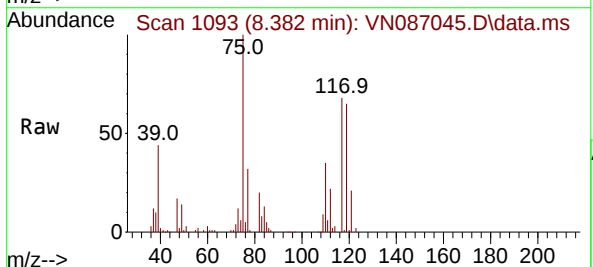
Tgt Ion: 75 Resp: 161052

Ion Ratio Lower Upper

75 100

110 35.2 17.6 52.9

77 31.5 25.3 37.9

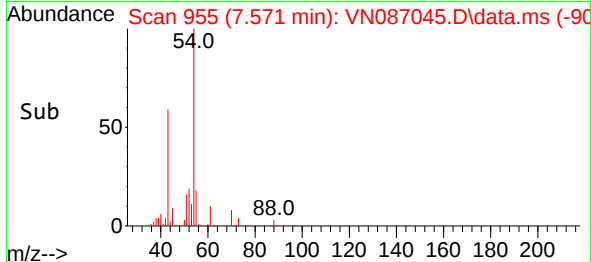
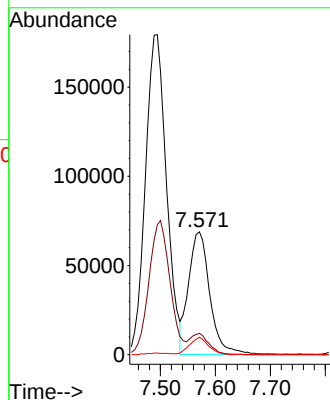
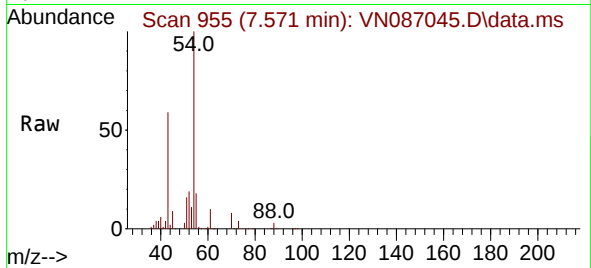




#37
Ethyl Acetate
Concen: 52.606 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

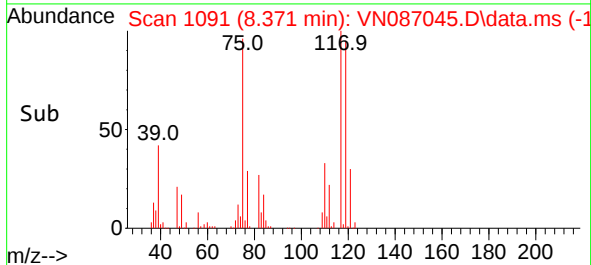
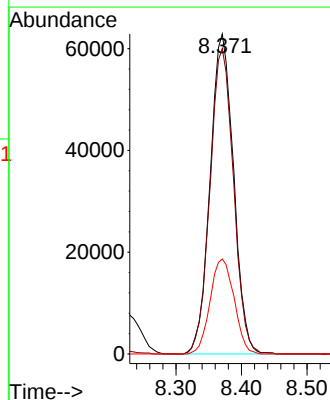
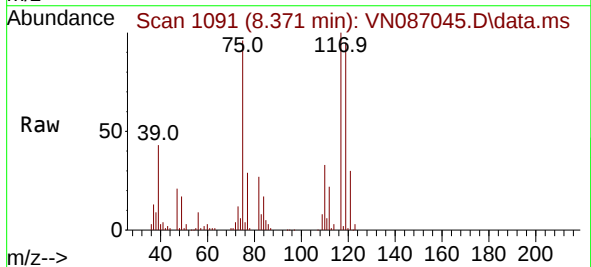
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

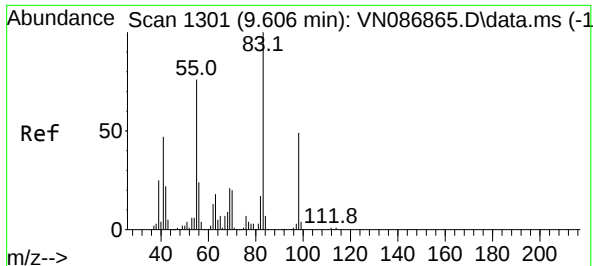
Tgt Ion: 43 Resp: 184563
Ion Ratio Lower Upper
43 100
61 15.1 12.1 18.1
70 12.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 57.605 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 117 Resp: 155867
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.6
121 29.7 24.9 37.3





#39

Methylcyclohexane

Concen: 51.151 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

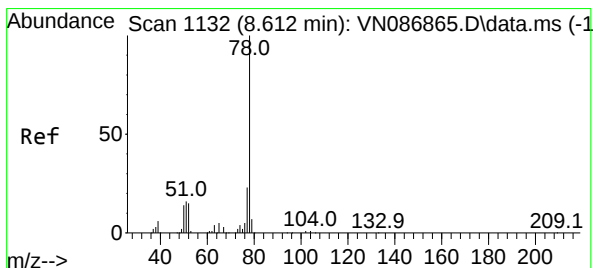
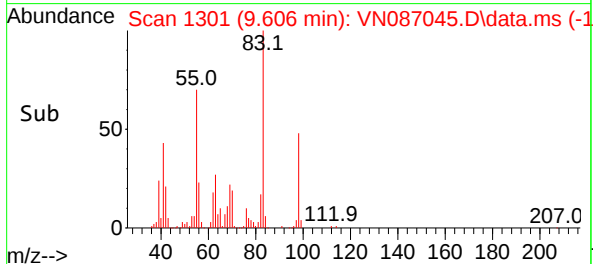
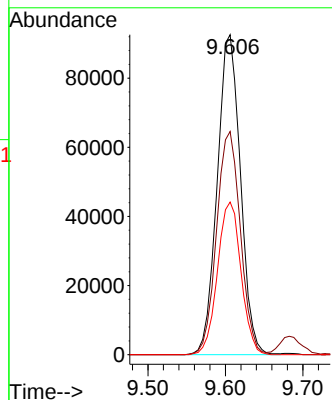
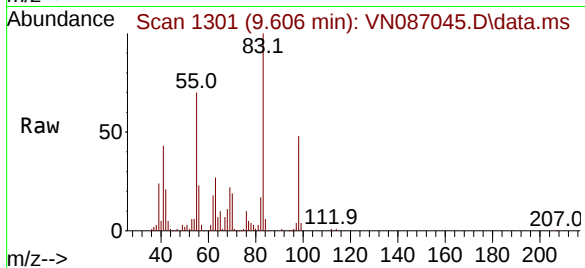
Tgt Ion: 83 Resp: 193140

Ion Ratio Lower Upper

83 100

55 69.8 61.0 91.6

98 47.7 38.9 58.3



#40

Benzene

Concen: 56.603 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087045.D

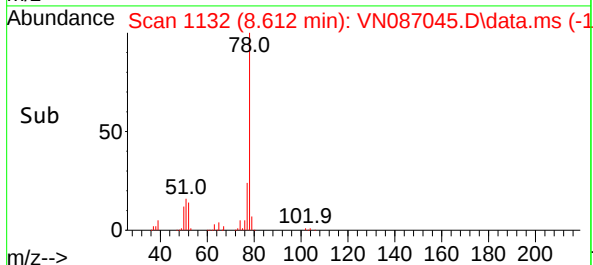
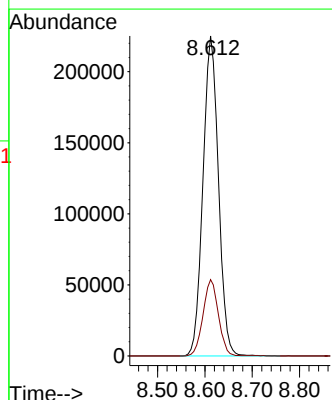
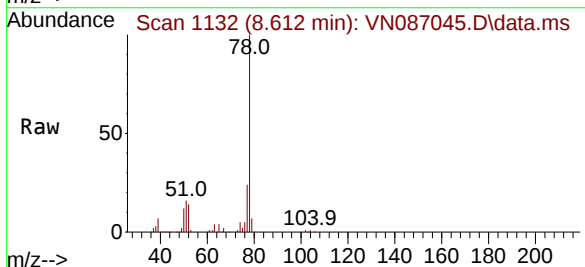
Acq: 17 Jun 2025 09:25

Tgt Ion: 78 Resp: 510124

Ion Ratio Lower Upper

78 100

77 23.8 18.7 28.1

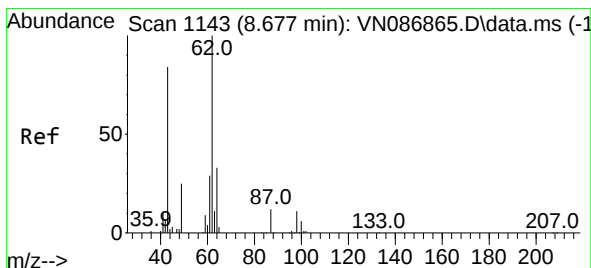
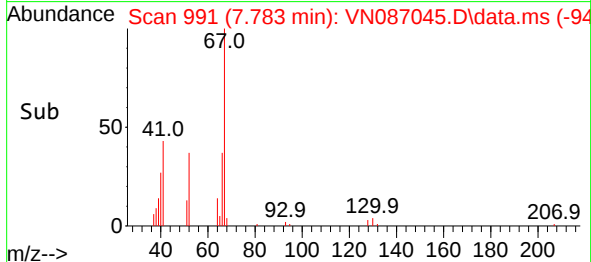
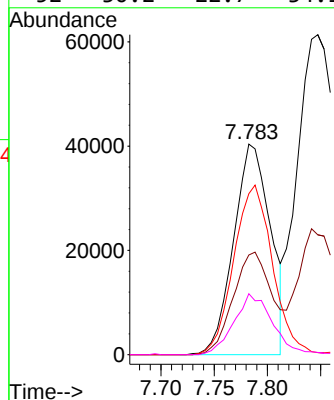
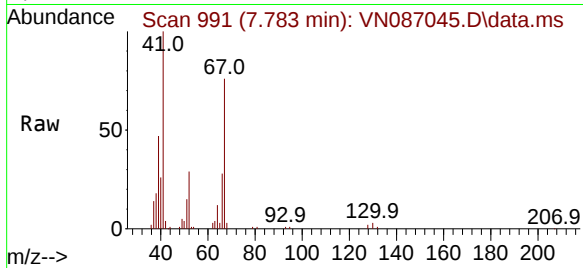




#41
Methacrylonitrile
Concen: 49.441 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

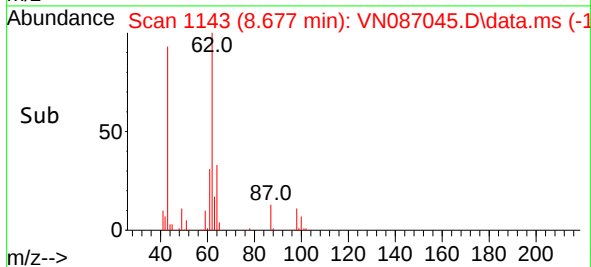
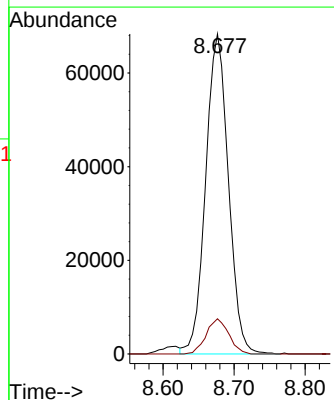
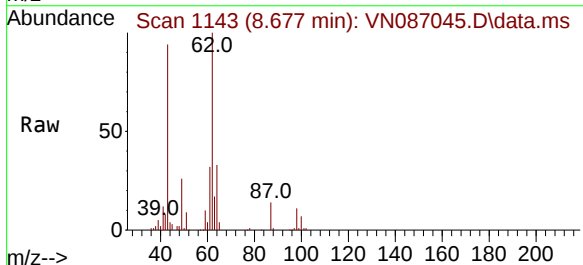
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	97416
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.2	61.8
67	85.2	61.4	92.2
52	30.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 55.609 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:	62	Resp:	152007
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.2

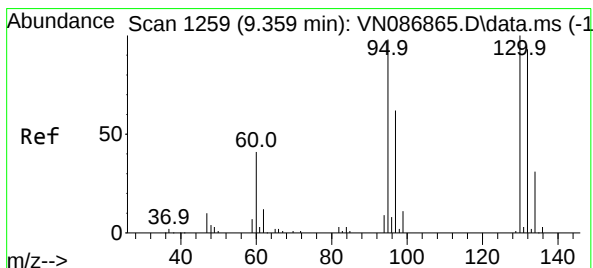
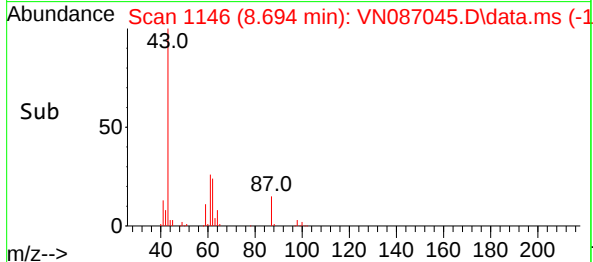
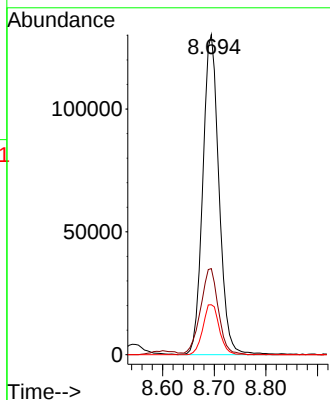
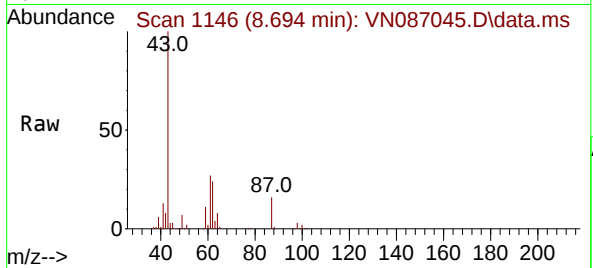




#43
Isopropyl Acetate
Concen: 50.333 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

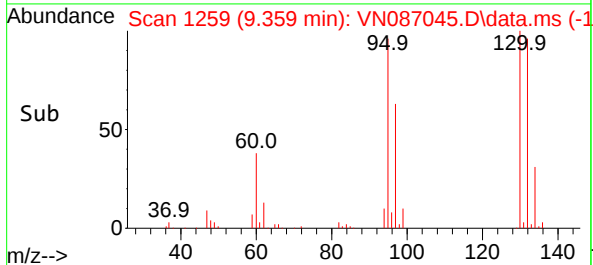
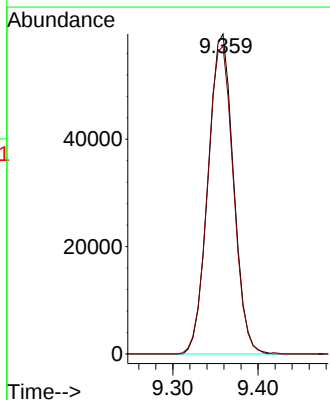
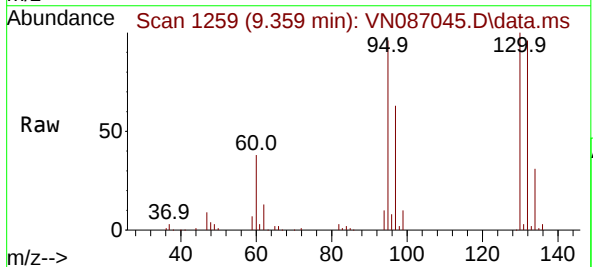
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

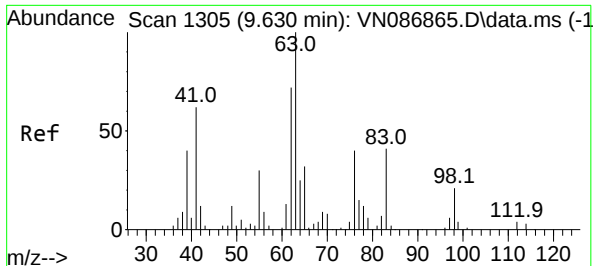
Tgt Ion:	43	Resp:	283428
Ion	Ratio	Lower	Upper
43	100		
61	29.6	22.1	33.1
87	15.8	11.8	17.6



#44
Trichloroethene
Concen: 57.509 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:	130	Resp:	122896
Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	196.2





#45

1,2-Dichloropropane

Concen: 55.952 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

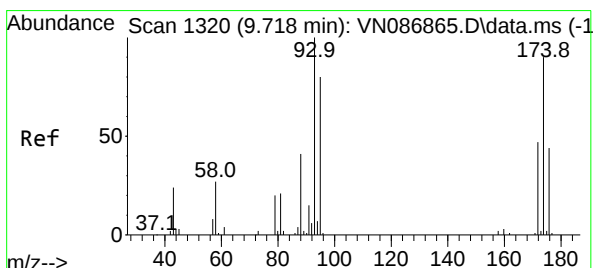
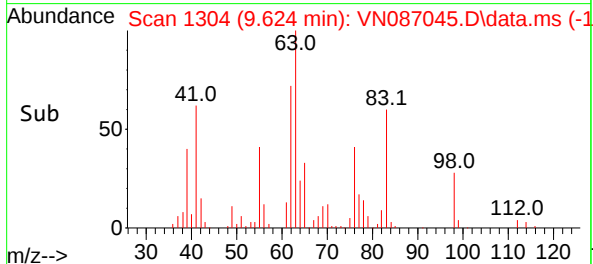
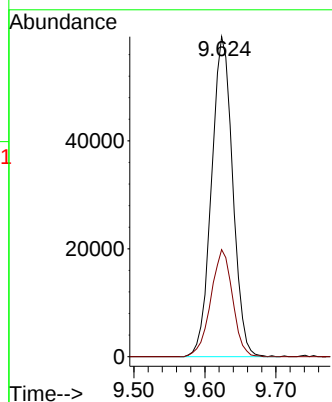
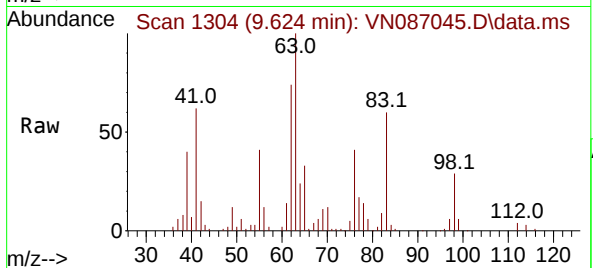
VSTDCCC050

Tgt Ion: 63 Resp: 122677

Ion Ratio Lower Upper

63 100

65 33.5 25.5 38.3



#46

Dibromomethane

Concen: 58.510 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

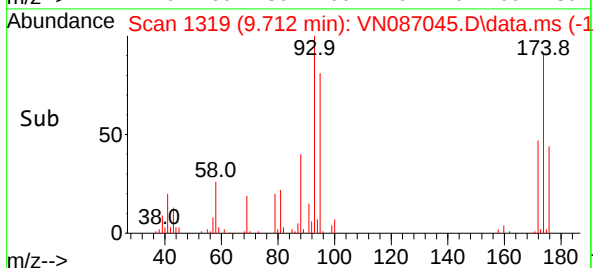
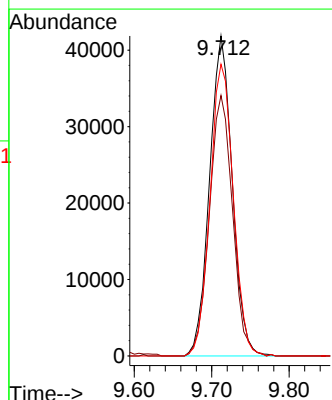
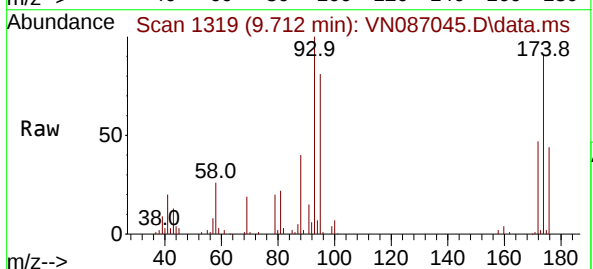
Tgt Ion: 93 Resp: 85210

Ion Ratio Lower Upper

93 100

95 83.0 67.1 100.7

174 93.4 74.2 111.4

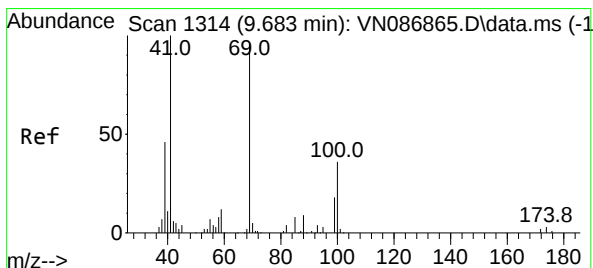
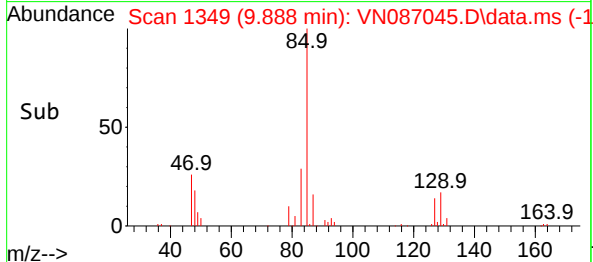
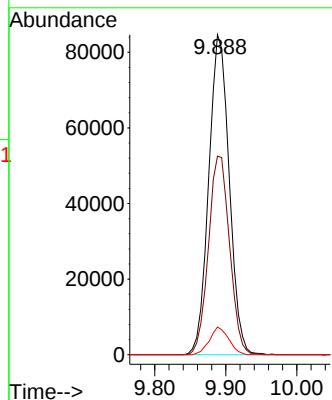
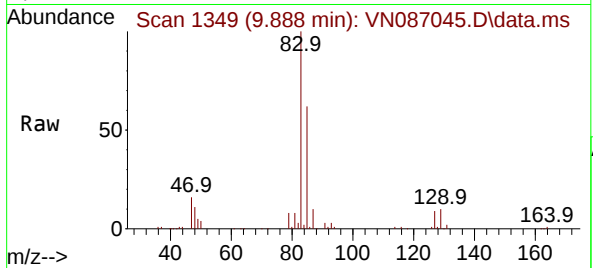




#47
Bromodichloromethane
Concen: 56.550 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

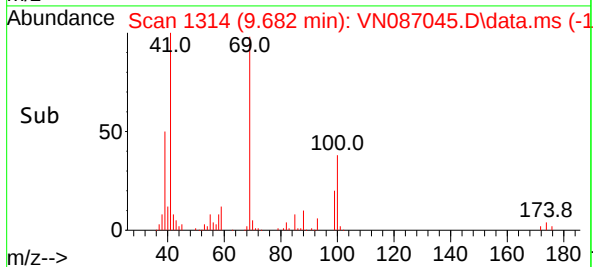
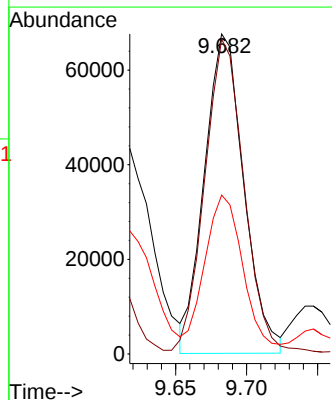
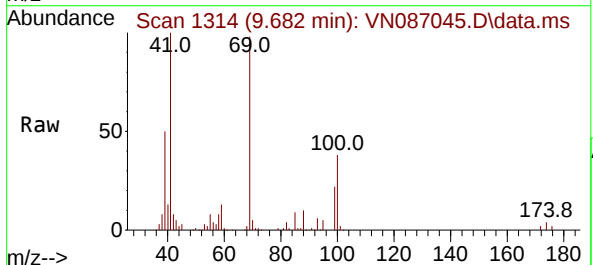
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

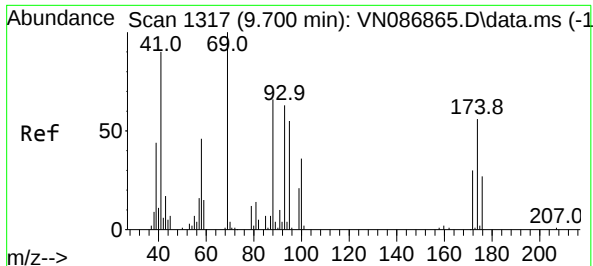
Tgt Ion: 83 Resp: 169444
Ion Ratio Lower Upper
83 100
85 62.0 50.9 76.3
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 50.271 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 41 Resp: 130292
Ion Ratio Lower Upper
41 100
69 99.8 74.6 112.0
39 49.4 40.2 60.4





#49

1,4-Dioxane

Concen: 1045.473 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

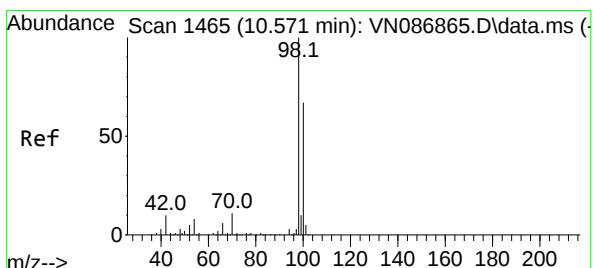
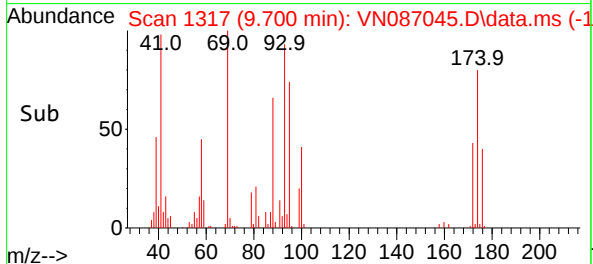
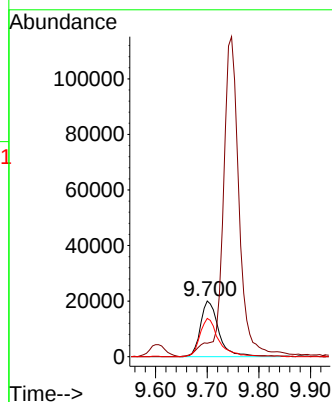
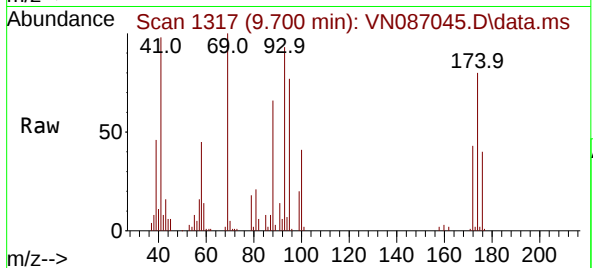
Tgt Ion: 88 Resp: 49294

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.0 57.7 86.5



#50

Toluene-d8

Concen: 48.901 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087045.D

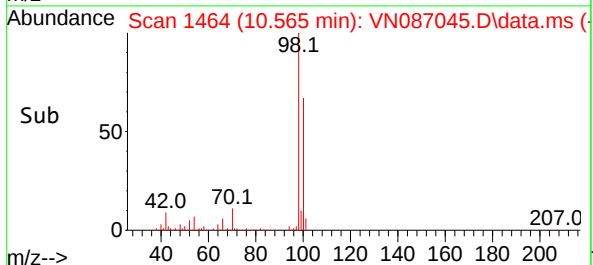
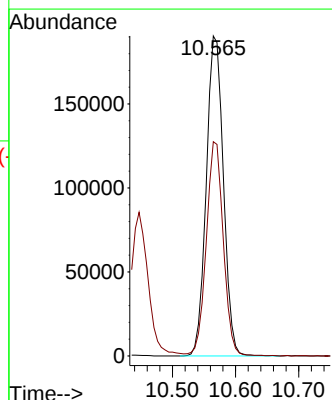
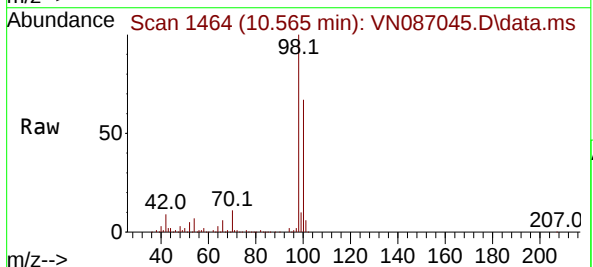
Acq: 17 Jun 2025 09:25

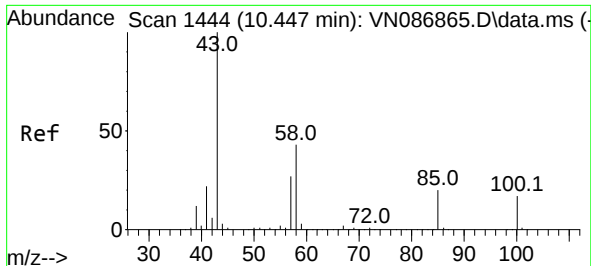
Tgt Ion: 98 Resp: 358050

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.0

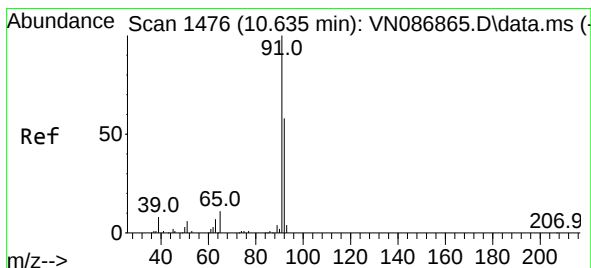
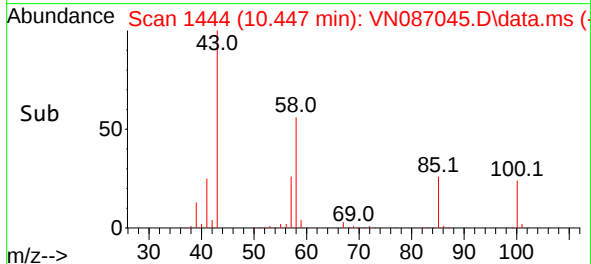
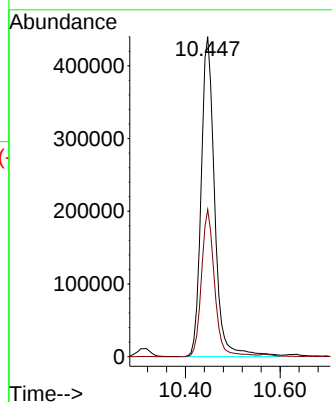
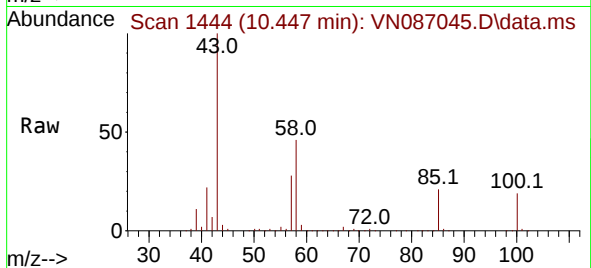




#51
4-Methyl-2-Pentanone
Concen: 257.739 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

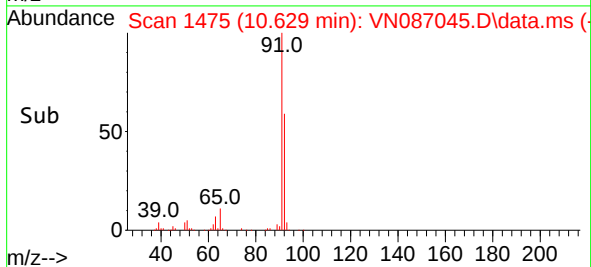
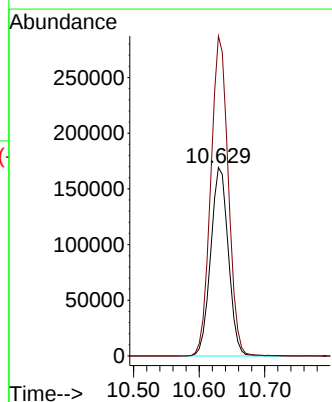
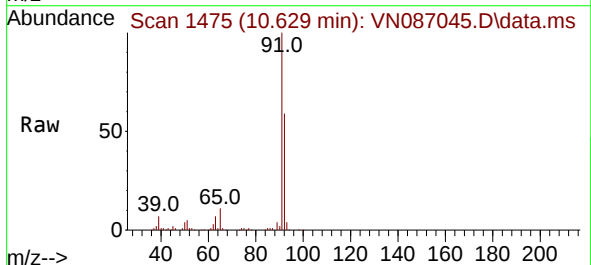
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

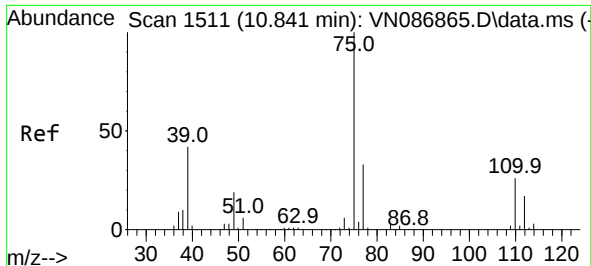
Tgt Ion: 43 Resp: 873718
Ion Ratio Lower Upper
43 100
58 44.7 34.2 51.4



#52
Toluene
Concen: 57.288 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 92 Resp: 315522
Ion Ratio Lower Upper
92 100
91 168.9 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 56.893 ug/l

RT: 10.835 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

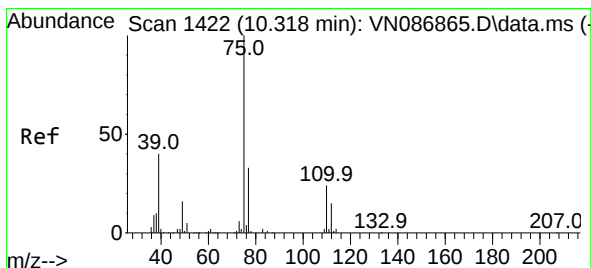
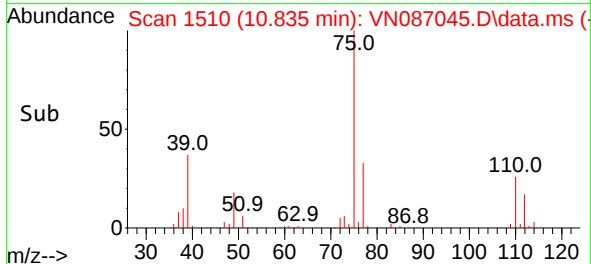
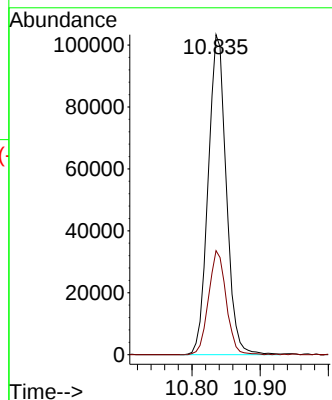
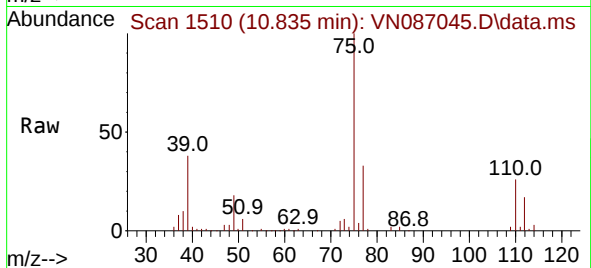
VSTDCCC050

Tgt Ion: 75 Resp: 190622

Ion Ratio Lower Upper

75 100

77 32.5 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 57.231 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

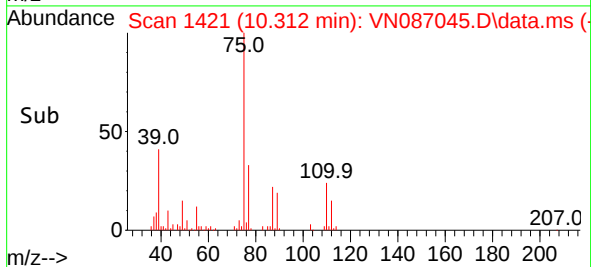
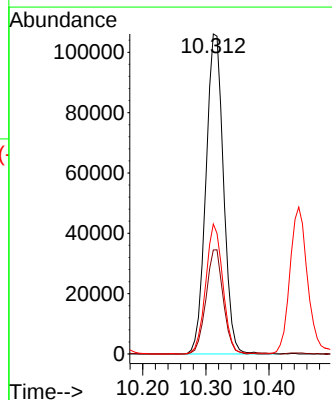
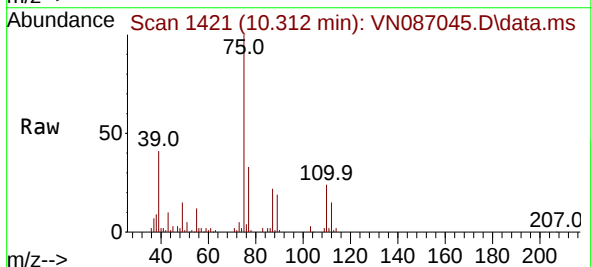
Tgt Ion: 75 Resp: 205171

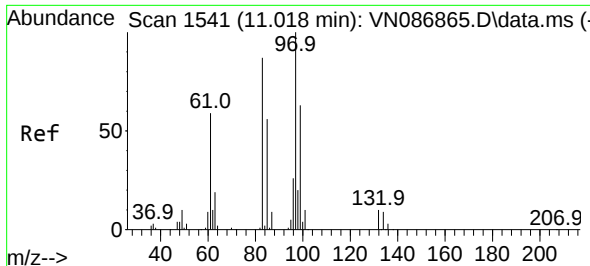
Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.4

39 40.6 32.3 48.5

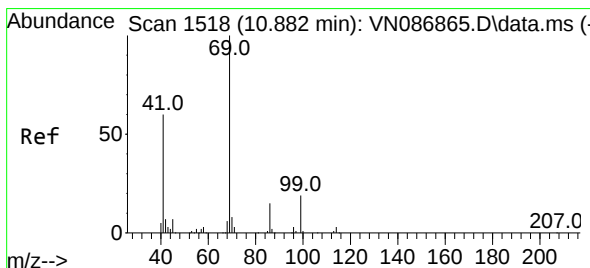
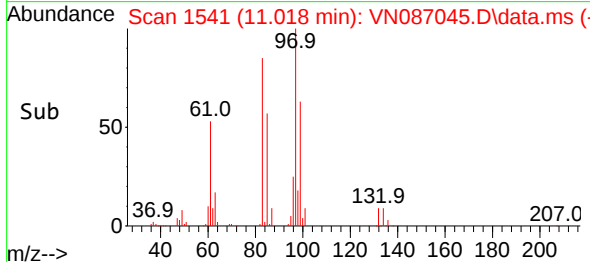
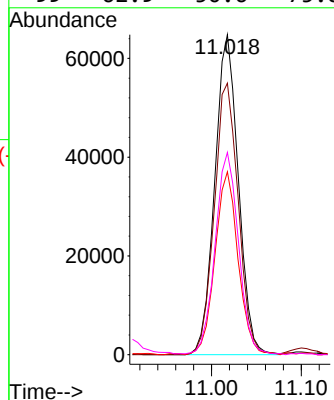
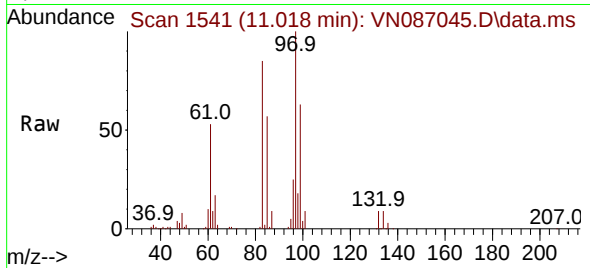




#55
1,1,2-Trichloroethane
Concen: 55.740 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

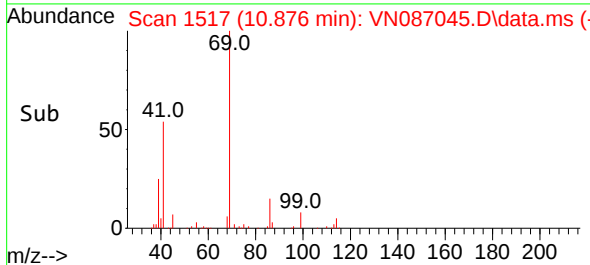
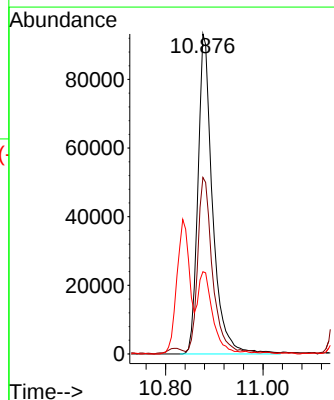
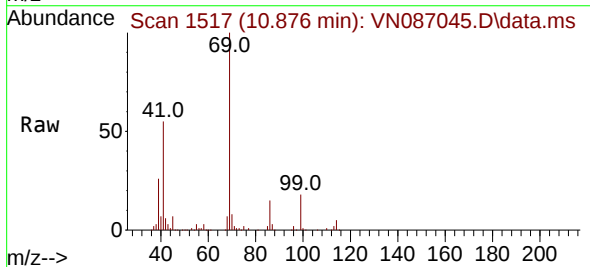
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

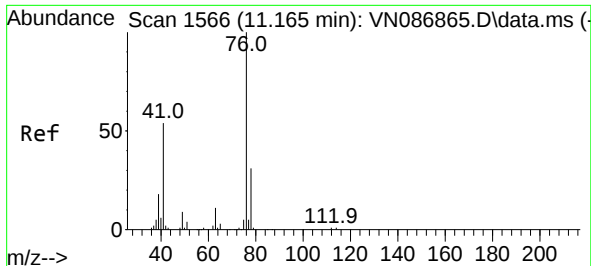
Tgt Ion:	97	Resp:	118127
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.7	104.5
85	57.2	45.1	67.7
99	62.9	50.6	75.8



#56
Ethyl methacrylate
Concen: 57.976 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:	69	Resp:	195696
Ion	Ratio	Lower	Upper
69	100		
41	55.1	47.2	70.8
39	24.8	23.0	34.6





#57

1,3-Dichloropropane

Concen: 55.947 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

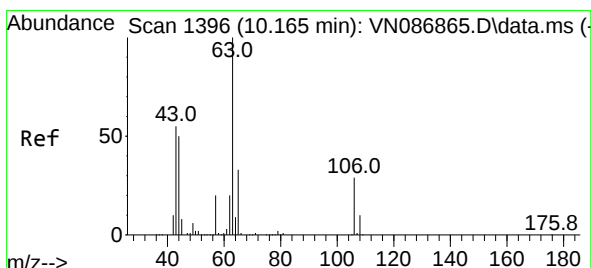
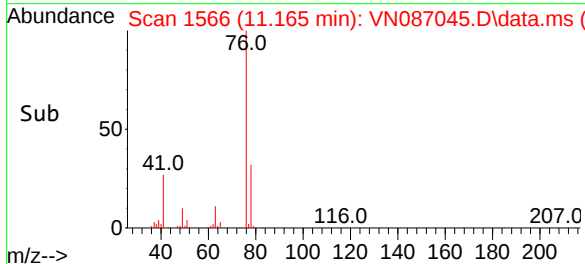
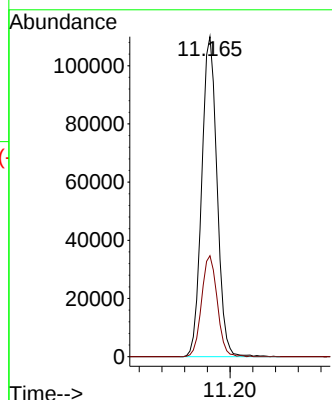
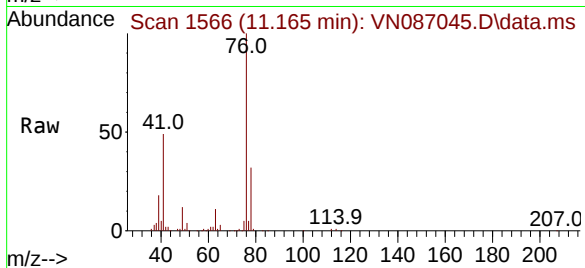
VSTDCCC050

Tgt Ion: 76 Resp: 205677

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 243.555 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN087045.D

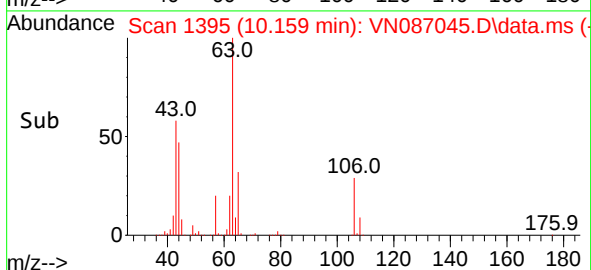
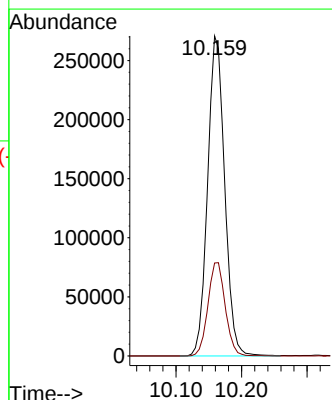
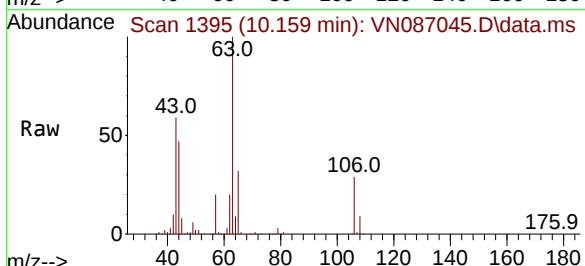
Acq: 17 Jun 2025 09:25

Tgt Ion: 63 Resp: 490344

Ion Ratio Lower Upper

63 100

106 29.6 23.0 34.6

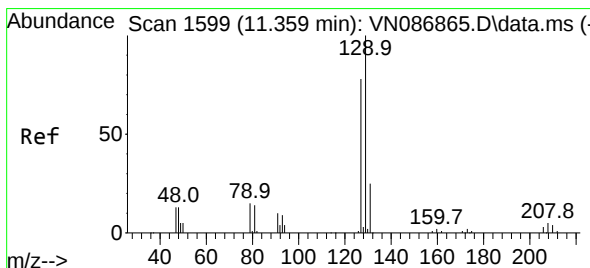
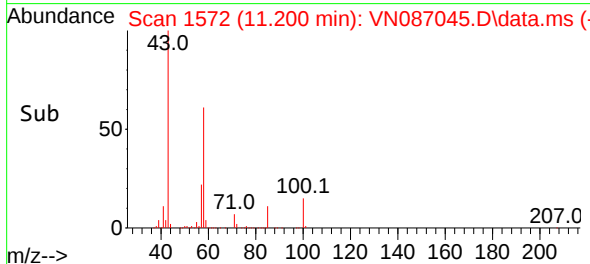
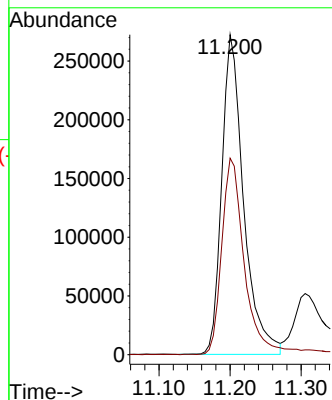
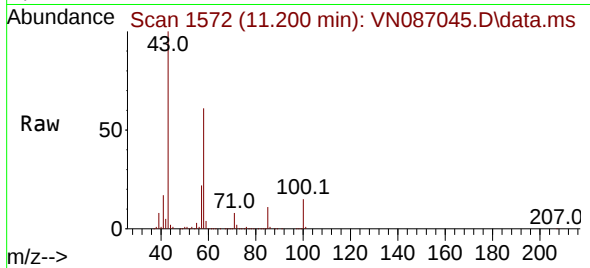




#59
2-Hexanone
Concen: 265.542 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

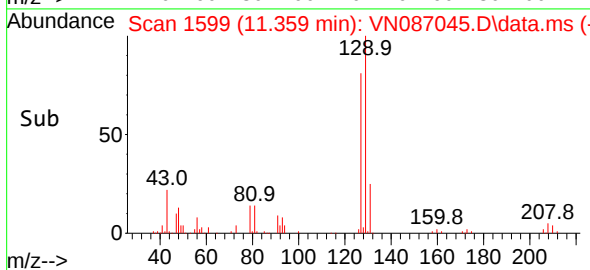
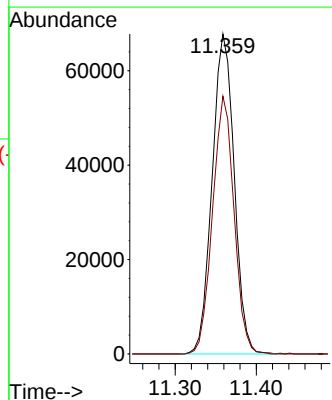
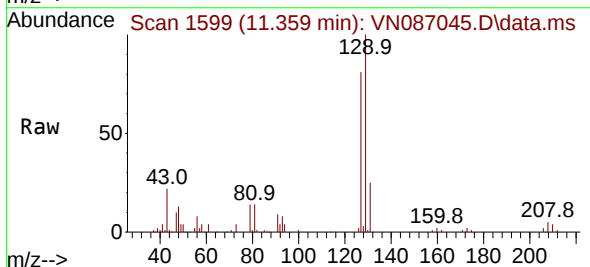
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 579829
Ion Ratio Lower Upper
43 100
58 65.5 30.4 91.3



#60
Dibromochloromethane
Concen: 57.909 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 129 Resp: 127864
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8

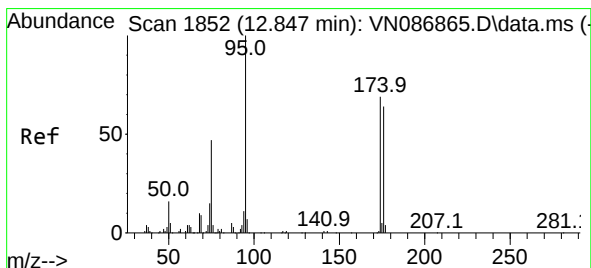
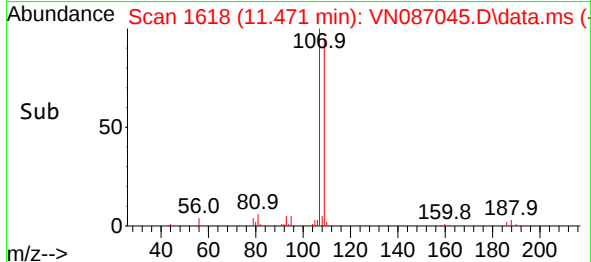
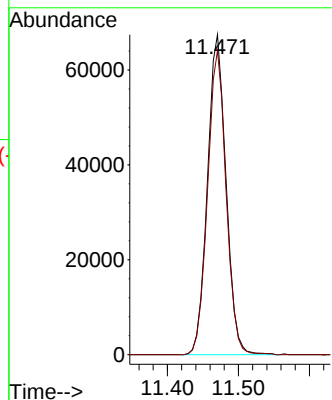
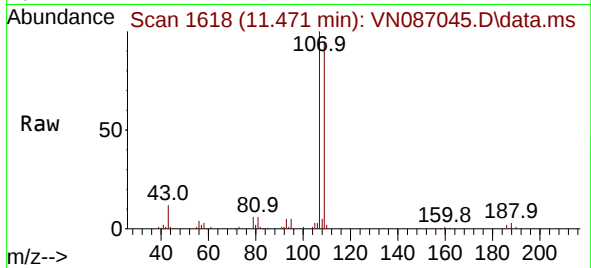




#61
1,2-Dibromoethane
Concen: 56.449 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

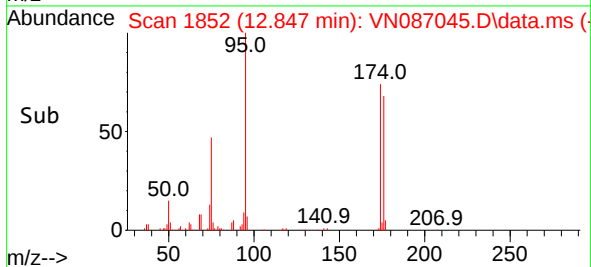
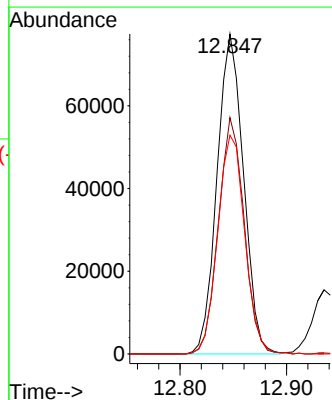
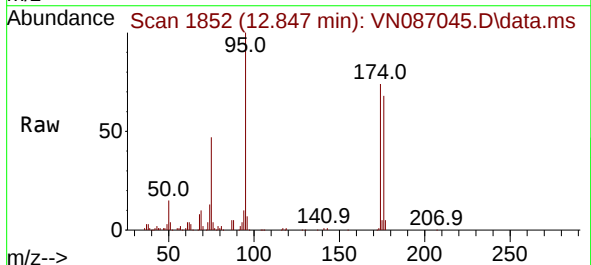
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

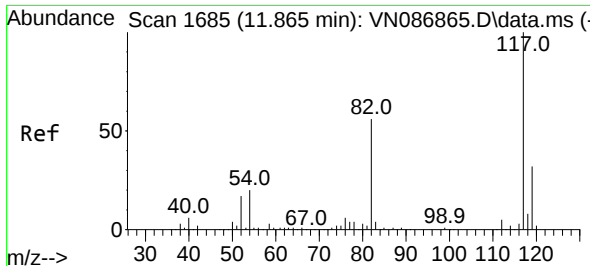
Tgt Ion:107 Resp: 122619
Ion Ratio Lower Upper
107 100
109 94.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 49.036 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 95 Resp: 133394
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.8
176 70.0 0.0 132.6

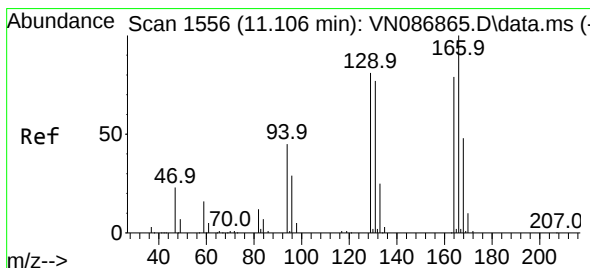
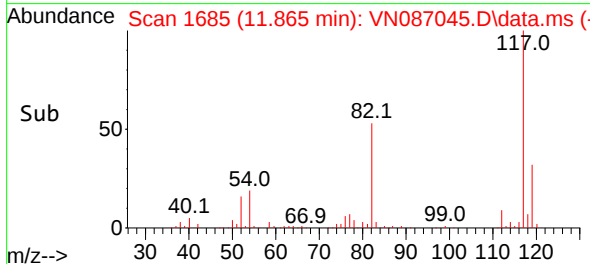
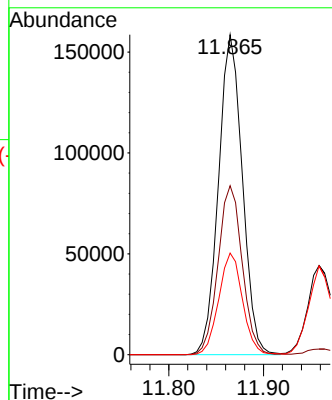
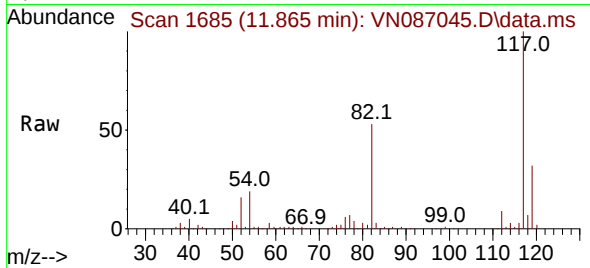




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

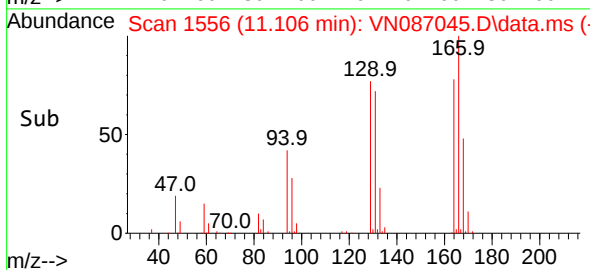
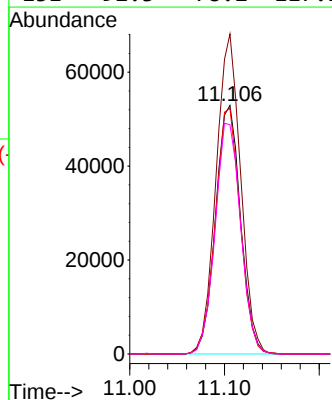
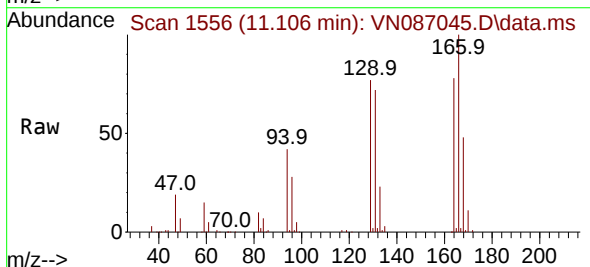
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

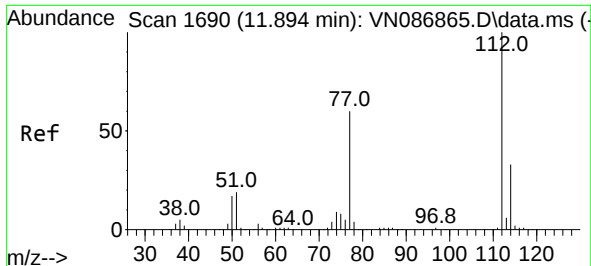
Tgt Ion:117 Resp: 278021
Ion Ratio Lower Upper
117 100
82 52.8 44.6 67.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 55.204 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:164 Resp: 97132
Ion Ratio Lower Upper
164 100
166 128.8 101.8 152.8
129 98.9 83.0 124.4
131 92.3 78.2 117.2

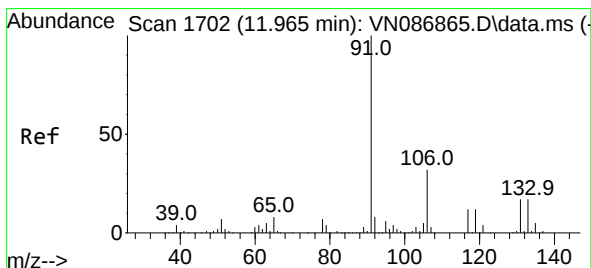
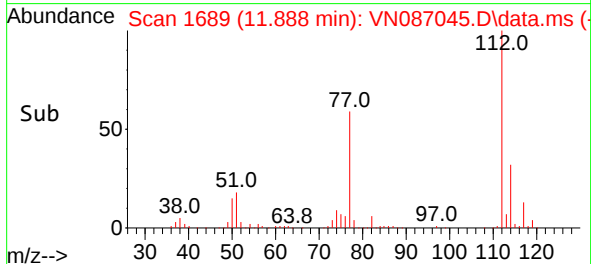
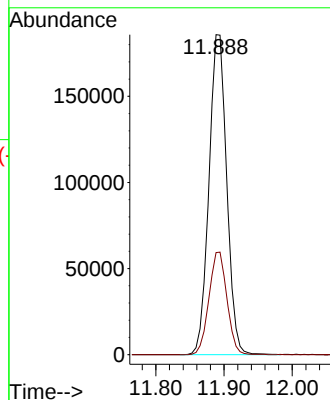
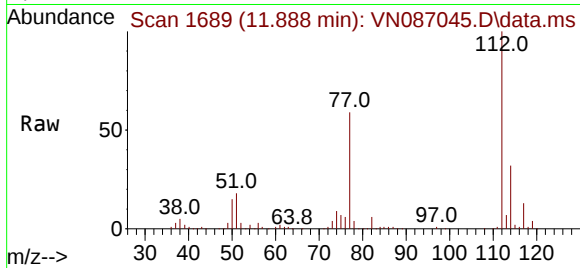




#65
Chlorobenzene
Concen: 54.968 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

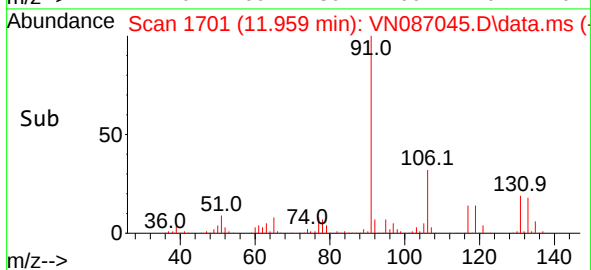
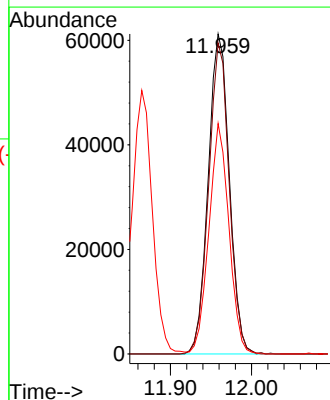
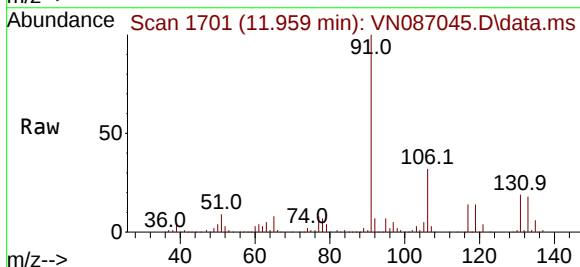
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

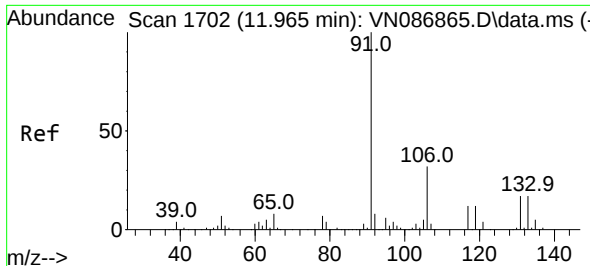
Tgt Ion:112 Resp: 337054
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.061 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:131 Resp: 110500
Ion Ratio Lower Upper
131 100
133 95.0 48.3 144.8
119 68.3 34.0 101.8

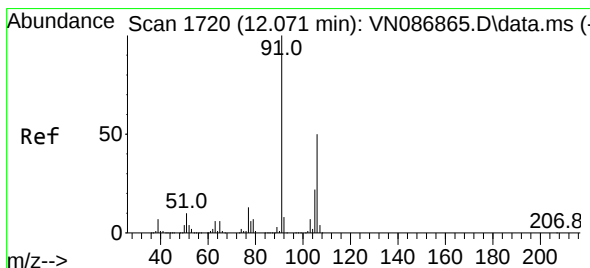
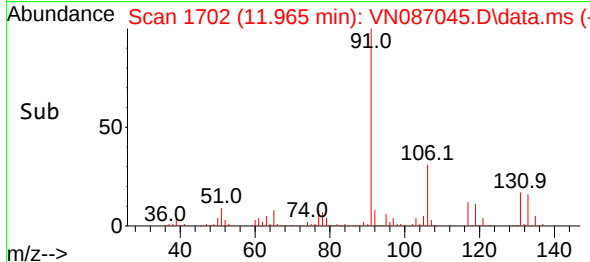
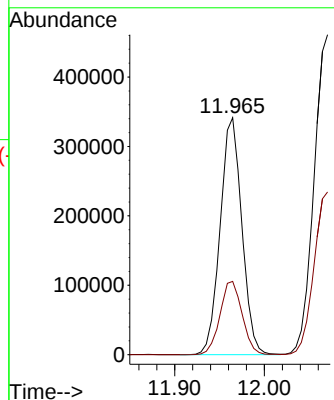
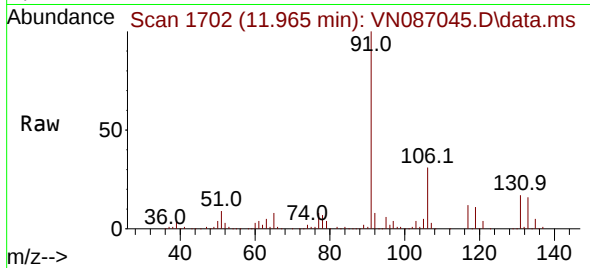




#67
Ethyl Benzene
Concen: 54.279 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

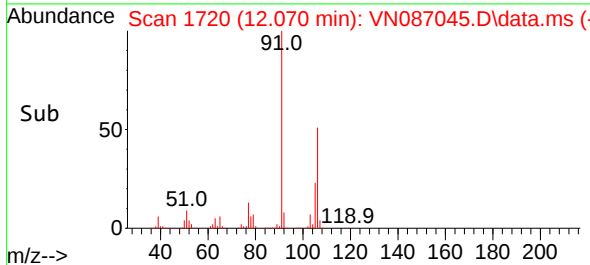
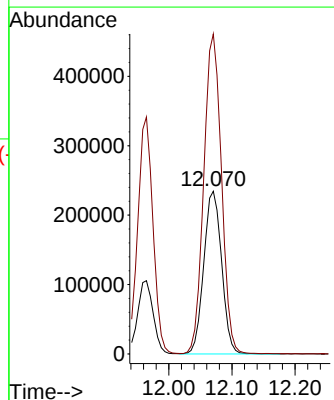
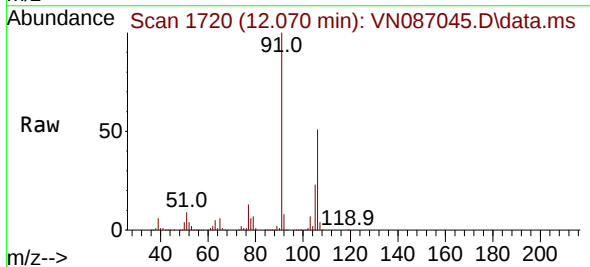
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

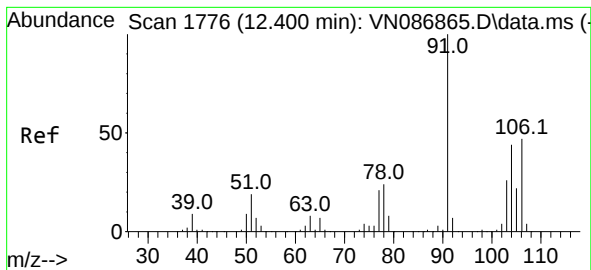
Tgt Ion: 91 Resp: 573298
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2



#68
m/p-Xylenes
Concen: 113.581 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:106 Resp: 459223
Ion Ratio Lower Upper
106 100
91 194.8 159.4 239.0





#69

o-Xylene

Concen: 56.391 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

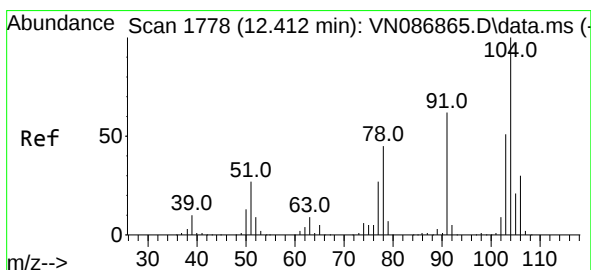
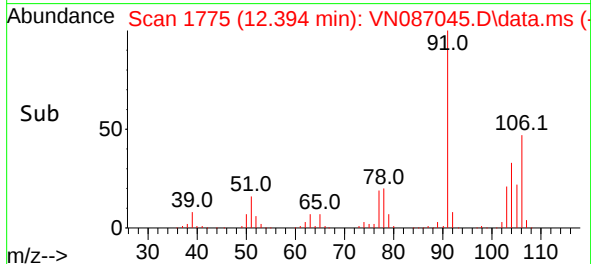
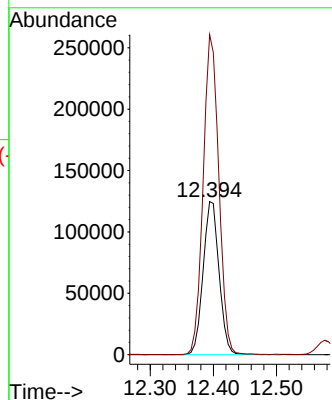
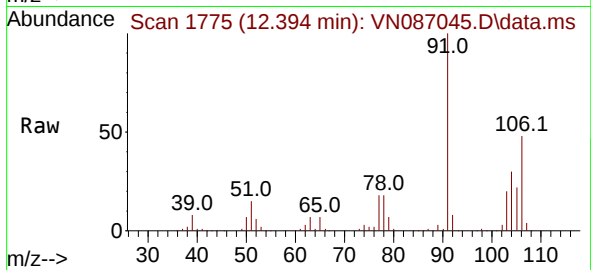
VSTDCCC050

Tgt Ion:106 Resp: 218362

Ion Ratio Lower Upper

106 100

91 206.1 106.1 318.1



#70

Styrene

Concen: 56.515 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

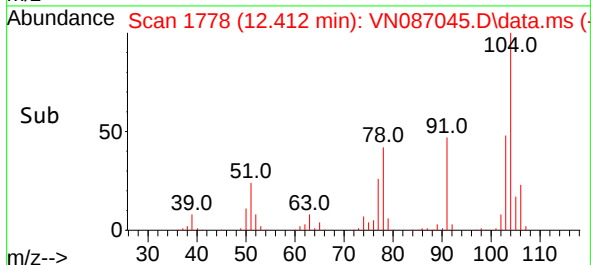
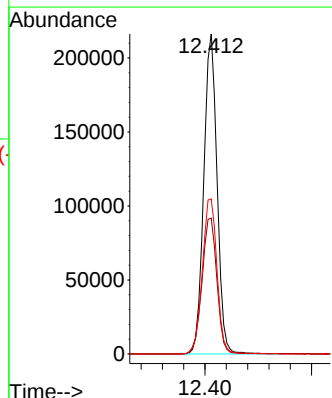
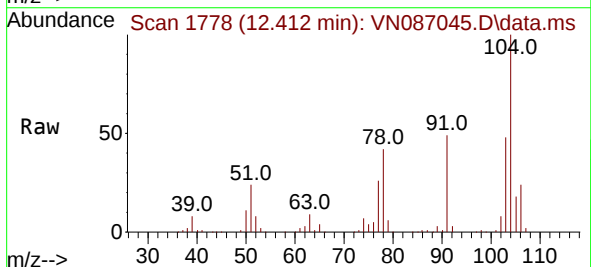
Tgt Ion:104 Resp: 374480

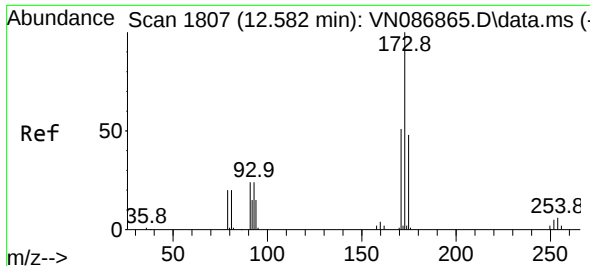
Ion Ratio Lower Upper

104 100

78 47.3 38.5 57.7

103 53.3 43.1 64.7

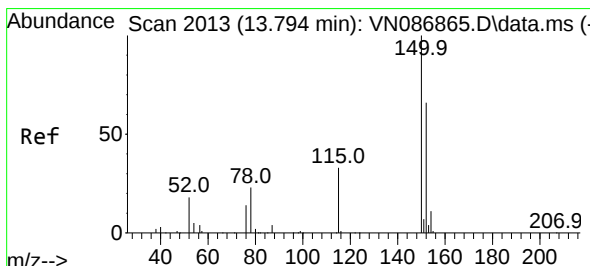
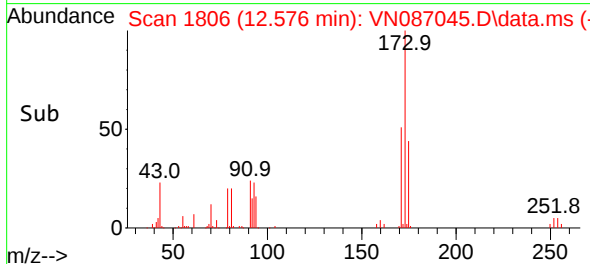
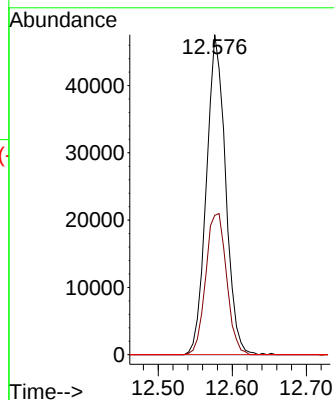
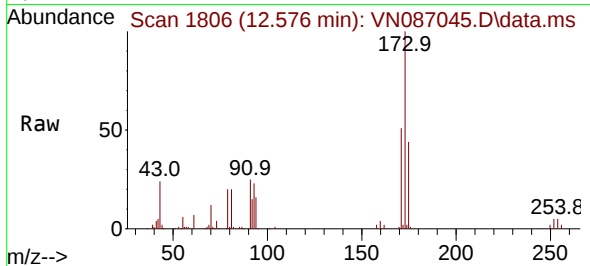




#71
Bromoform
Concen: 58.506 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

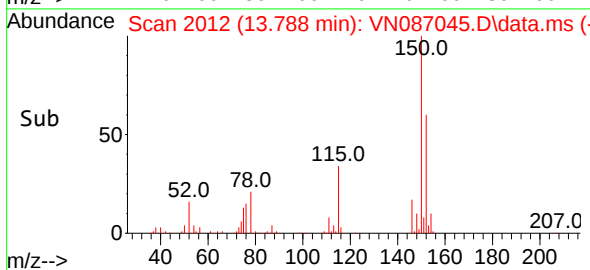
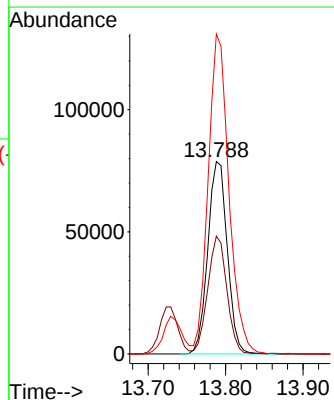
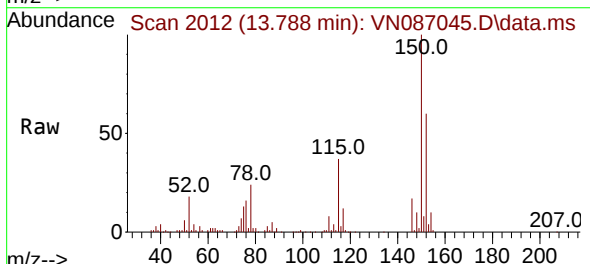
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

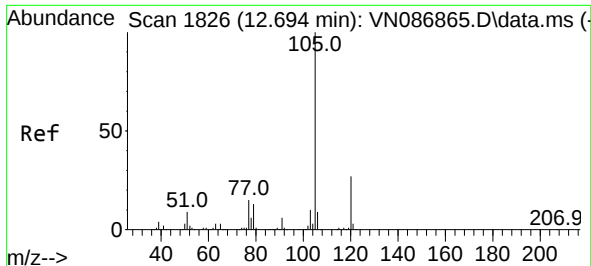
Tgt Ion:173 Resp: 85445
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:152 Resp: 137590
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 175.7 0.0 345.0

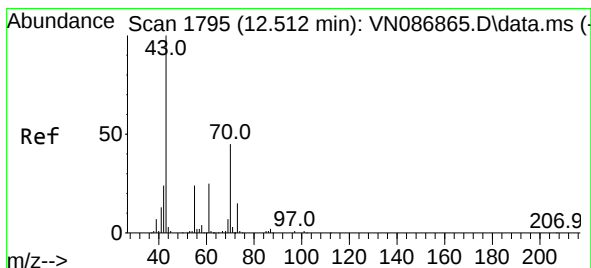
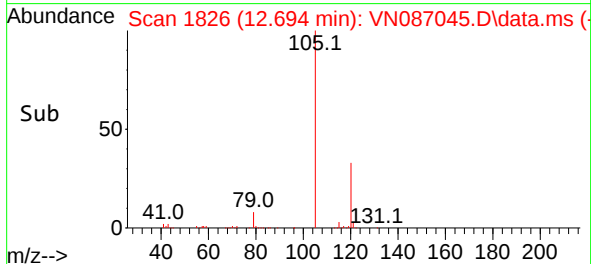
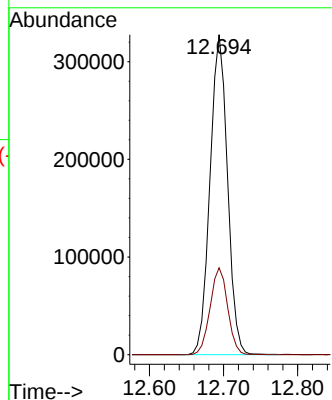
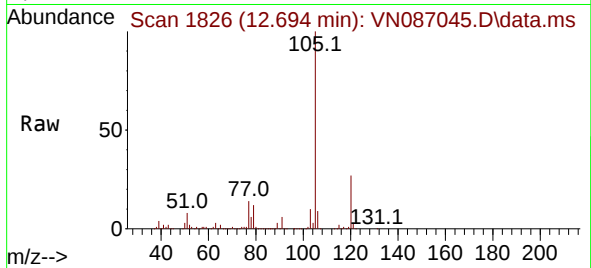




#73
Isopropylbenzene
Concen: 53.577 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

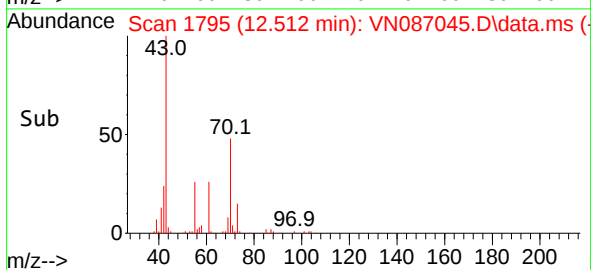
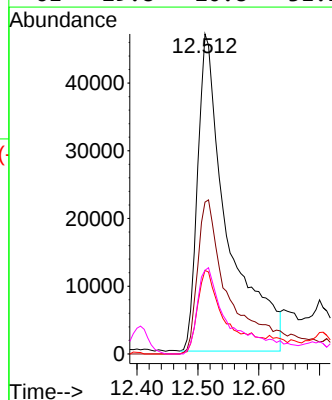
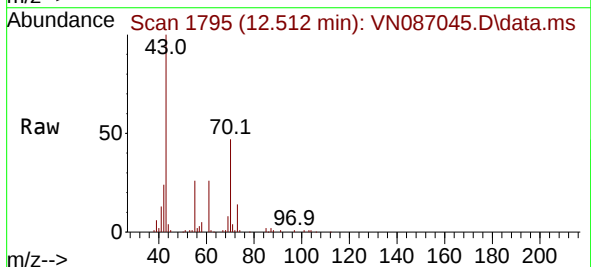
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

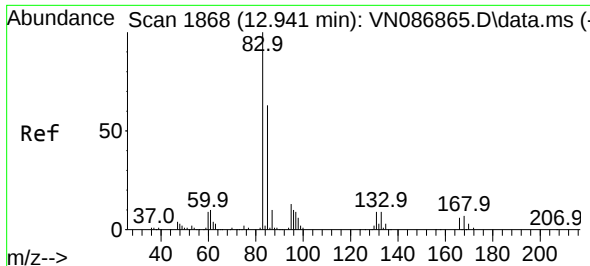
Tgt Ion:105 Resp: 537032
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 45.690 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 43 Resp: 160037
Ion Ratio Lower Upper
43 100
70 56.8 37.6 56.4#
55 25.5 19.0 28.6
61 29.8 20.8 31.2

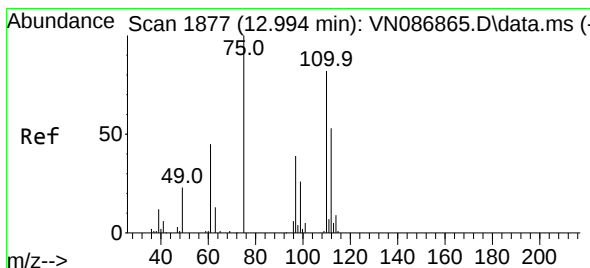
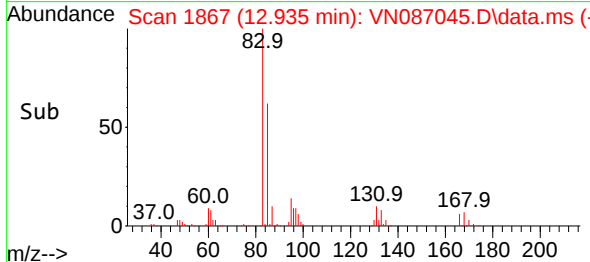
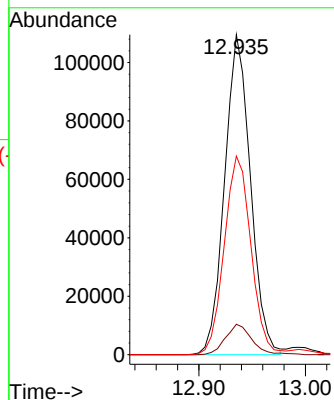
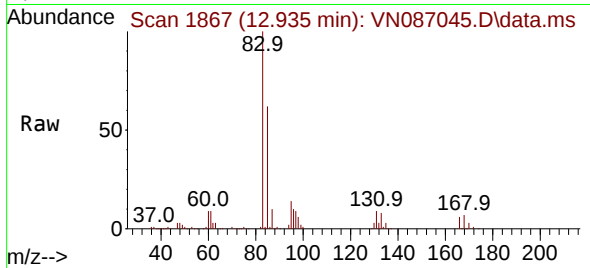




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.378 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

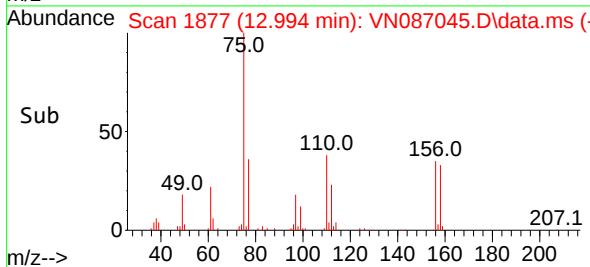
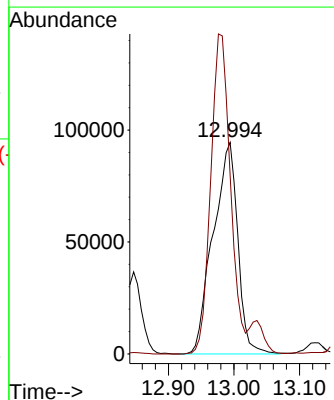
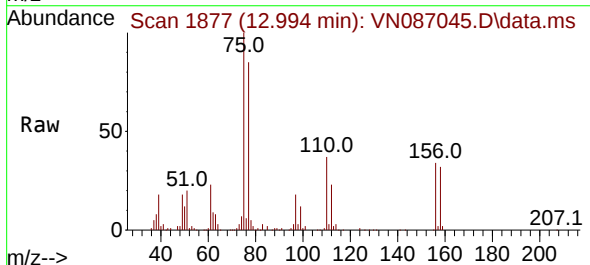
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

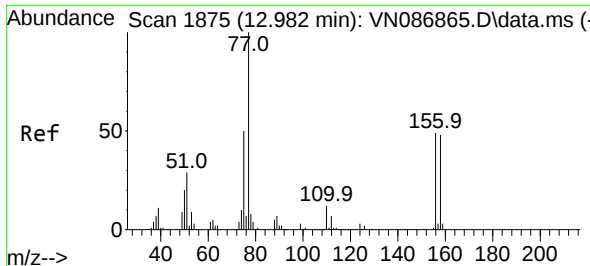
Tgt Ion: 83 Resp: 184655
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 64.3 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 75.167 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

Tgt Ion: 75 Resp: 245837
 Ion Ratio Lower Upper
 75 100
 77 121.0 79.3 237.9

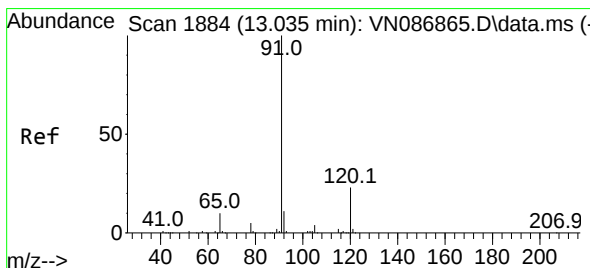
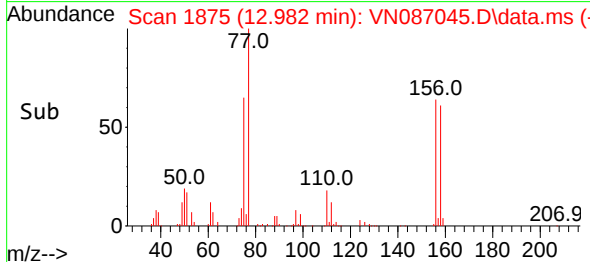
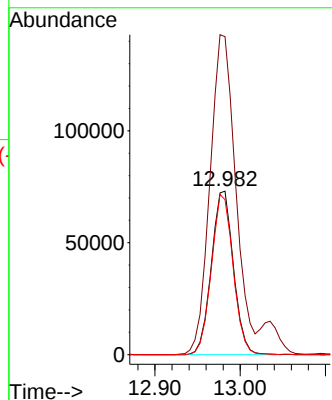
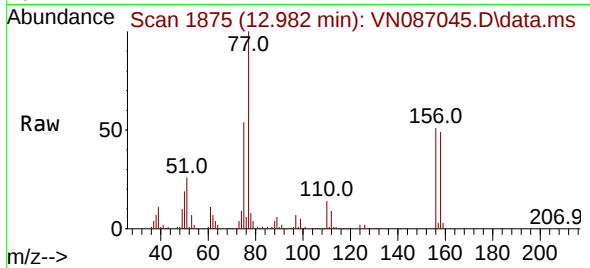




#77
Bromobenzene
Concen: 57.199 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

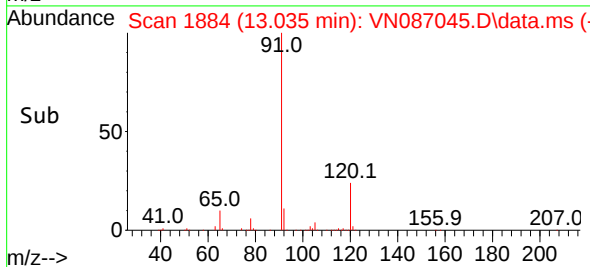
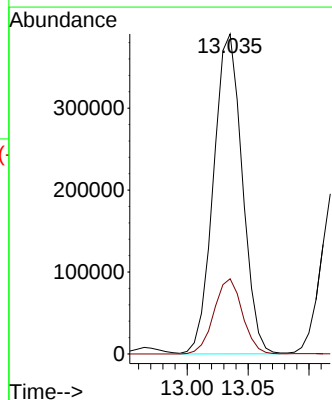
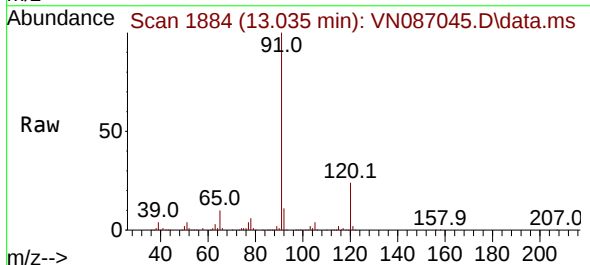
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

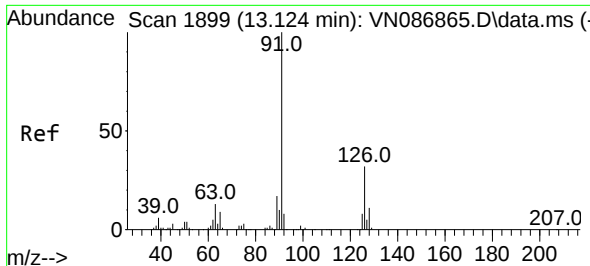
Tgt Ion:156 Resp: 131485
Ion Ratio Lower Upper
156 100
77 226.3 117.7 353.1
158 96.0 48.1 144.4



#78
n-propylbenzene
Concen: 52.692 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 91 Resp: 641851
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2

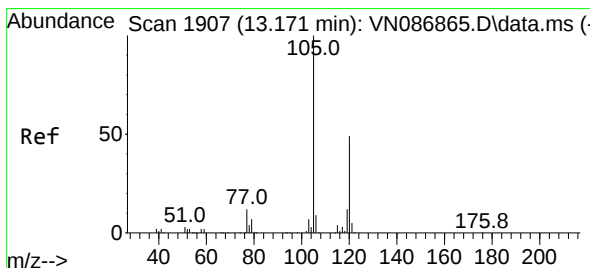
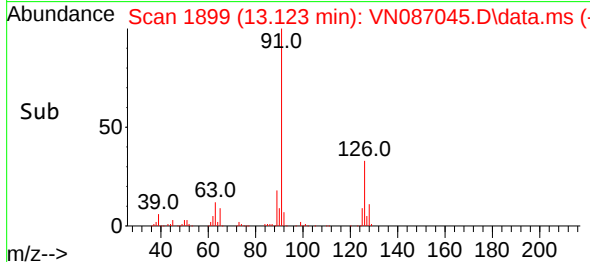
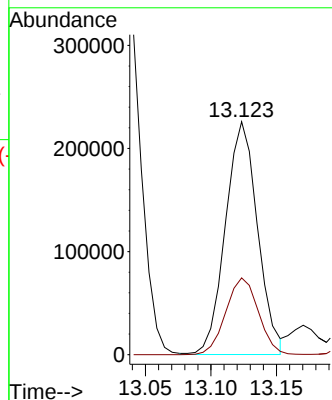
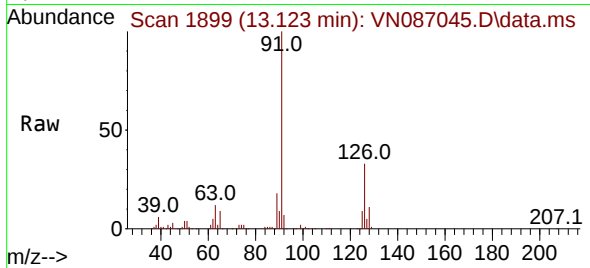




#79
2-Chlorotoluene
Concen: 52.729 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

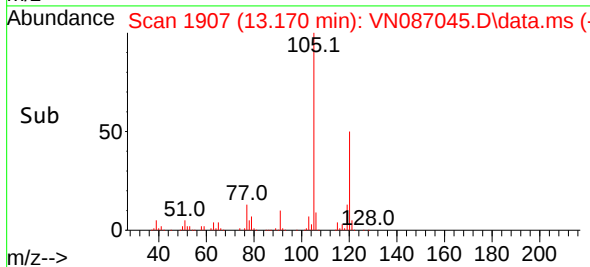
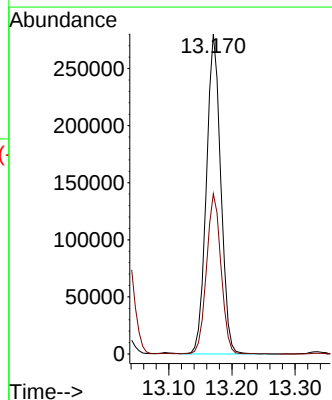
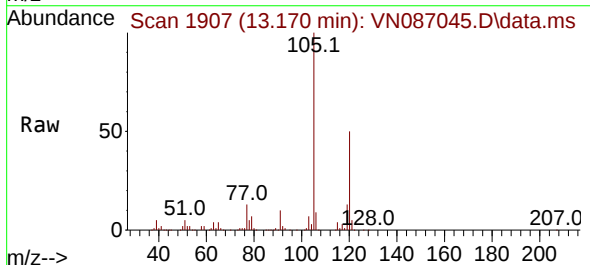
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 385196
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 53.566 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:105 Resp: 443295
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6

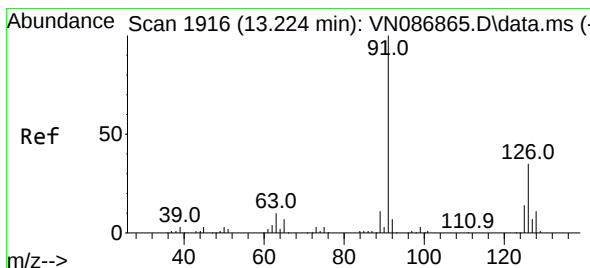
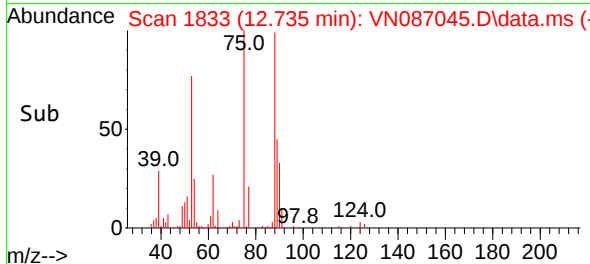
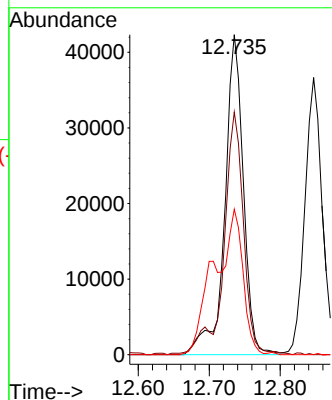
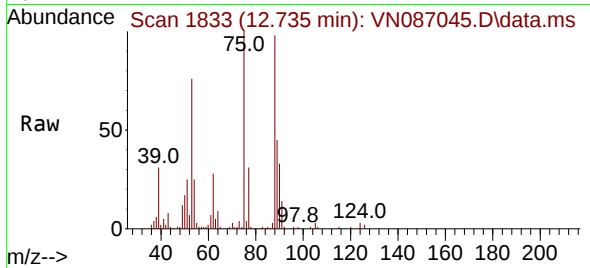




#81
trans-1,4-Dichloro-2-butene
Concen: 54.141 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

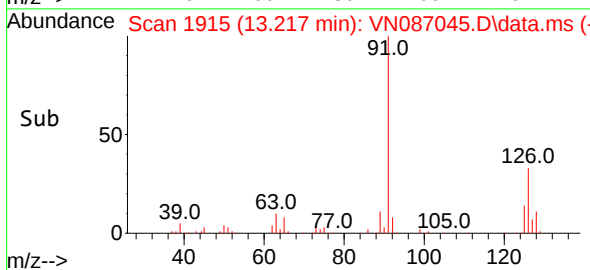
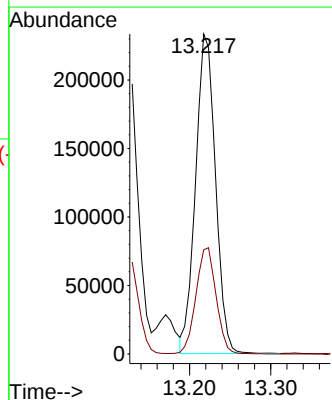
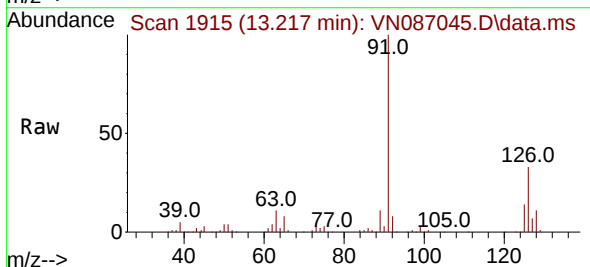
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

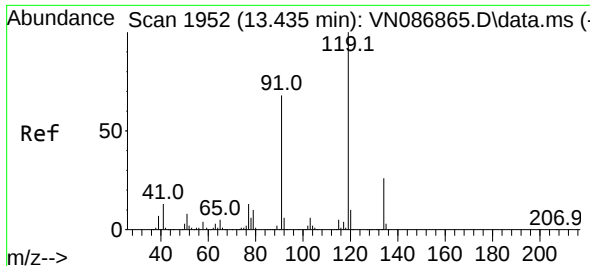
Tgt Ion: 75 Resp: 76922
Ion Ratio Lower Upper
75 100
53 72.5 66.6 99.8
89 38.7 36.7 55.1



#82
4-Chlorotoluene
Concen: 53.869 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 91 Resp: 398180
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.1

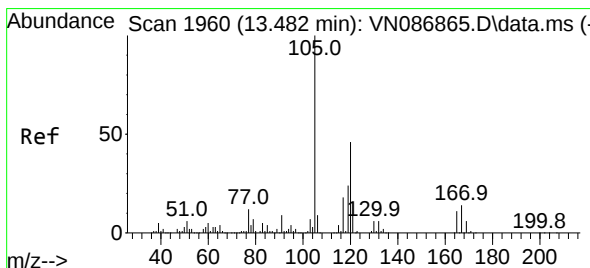
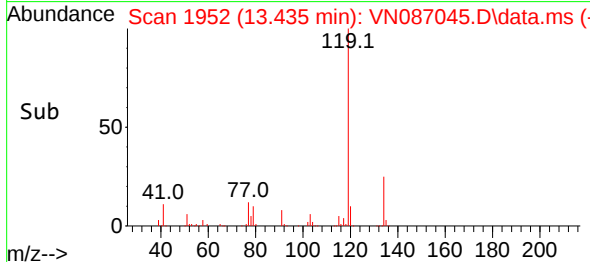
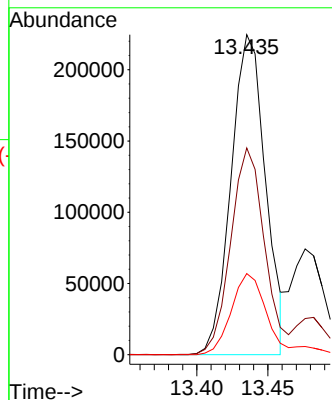
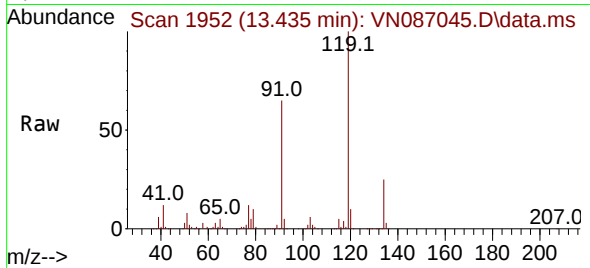




#83
 tert-Butylbenzene
 Concen: 49.969 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

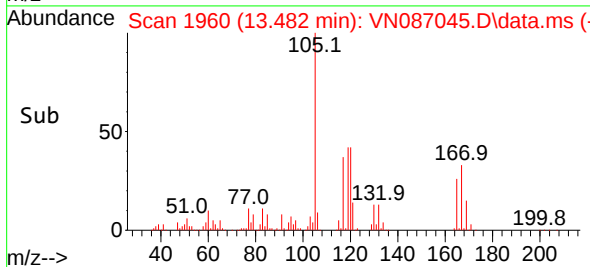
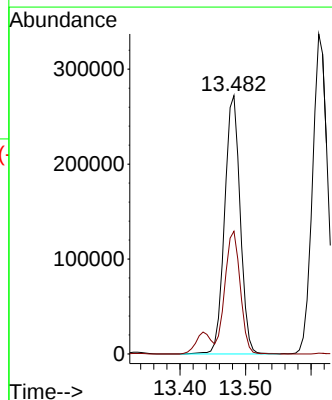
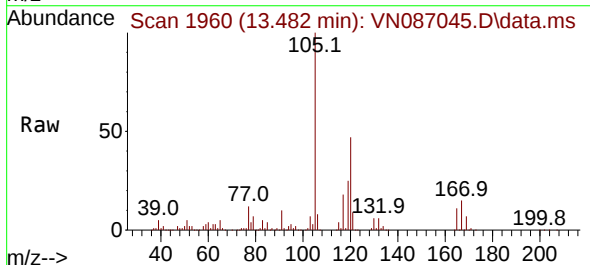
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

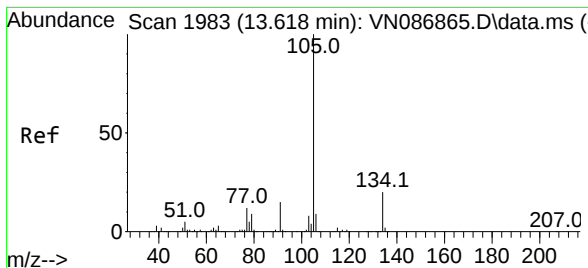
Tgt Ion:119 Resp: 378527
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.1 96.5
 134 27.2 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.818 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

Tgt Ion:105 Resp: 446609
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.041 ug/l

RT: 13.612 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

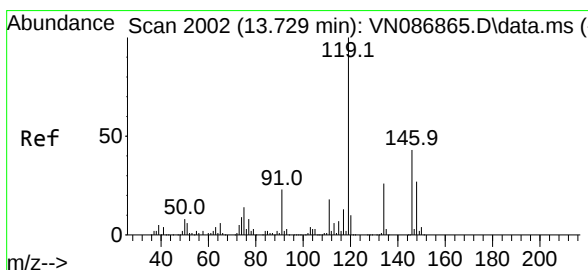
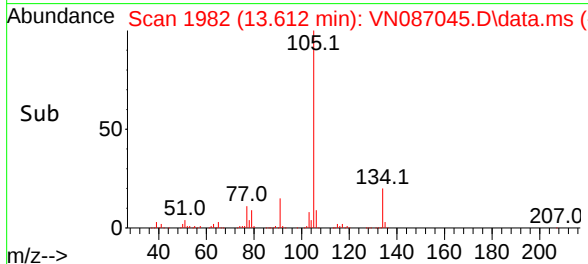
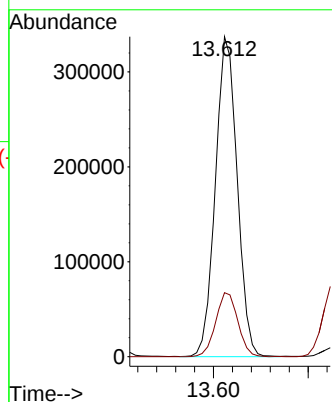
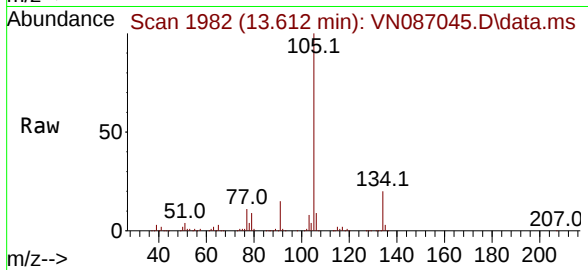
VSTDCCC050

Tgt Ion:105 Resp: 539504

Ion Ratio Lower Upper

105 100

134 20.3 10.0 30.0



#86

p-Isopropyltoluene

Concen: 50.373 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

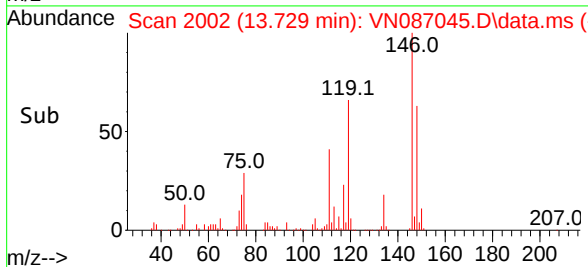
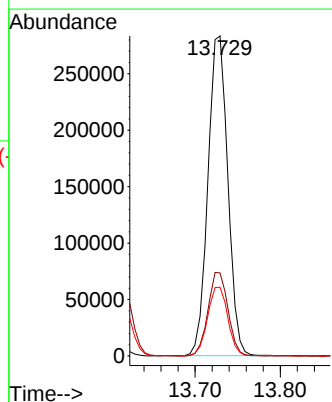
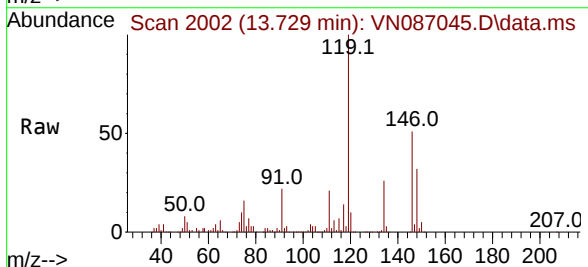
Tgt Ion:119 Resp: 458085

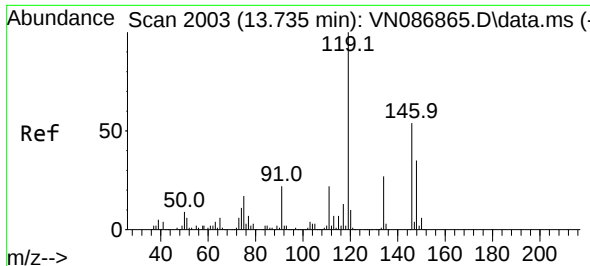
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 22.1 11.5 34.4

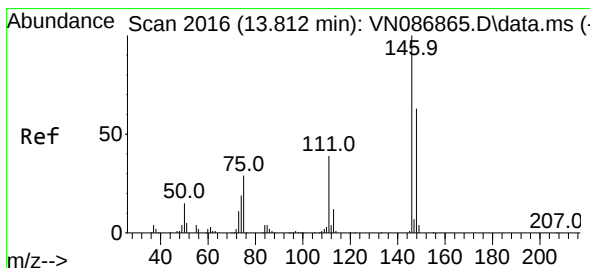
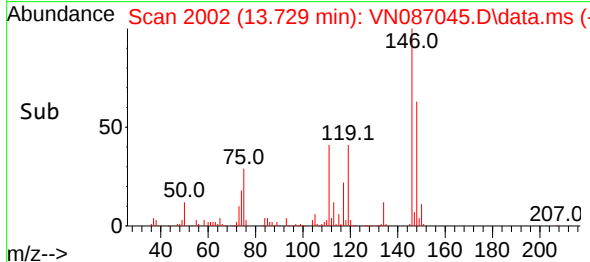
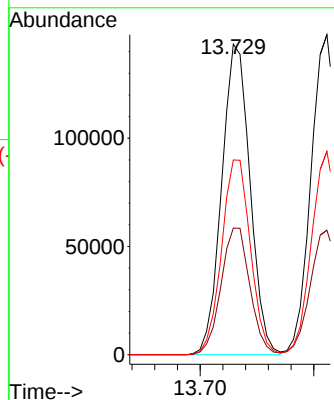
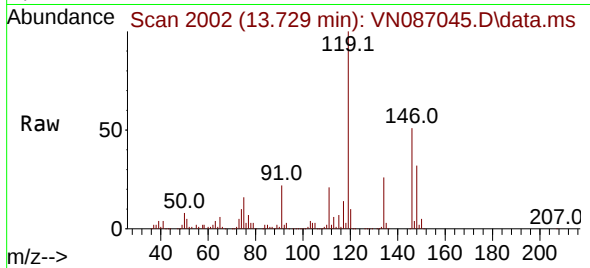




#87
 1,3-Dichlorobenzene
 Concen: 54.889 ug/l
 RT: 13.729 min Scan# 2003
 Delta R.T. -0.006 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

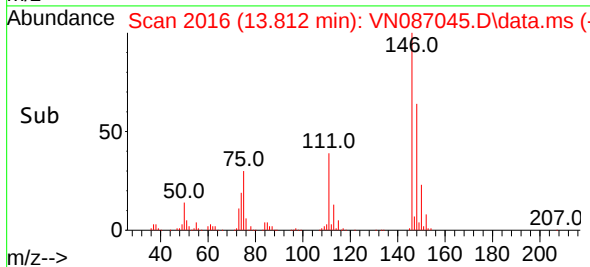
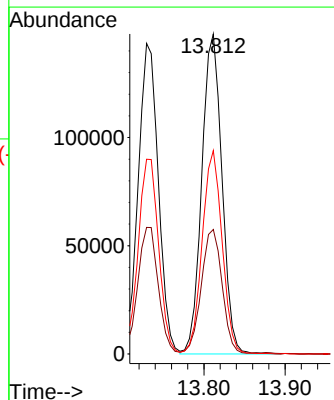
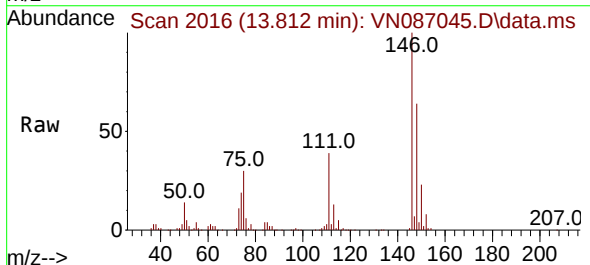
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

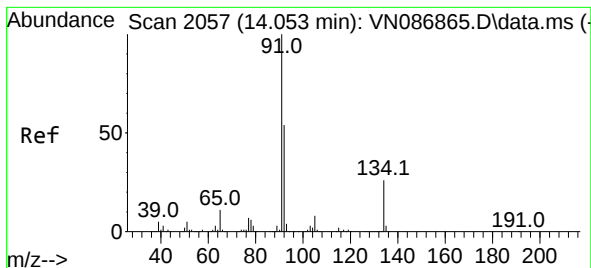
Tgt Ion:146 Resp: 248250
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.9 62.8
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 55.283 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087045.D
 Acq: 17 Jun 2025 09:25

Tgt Ion:146 Resp: 254911
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.9 59.7
 148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 46.157 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087045.D

Acq: 17 Jun 2025 09:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

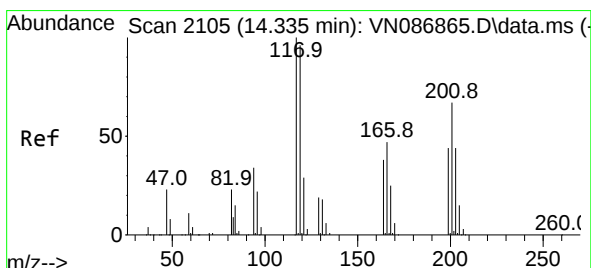
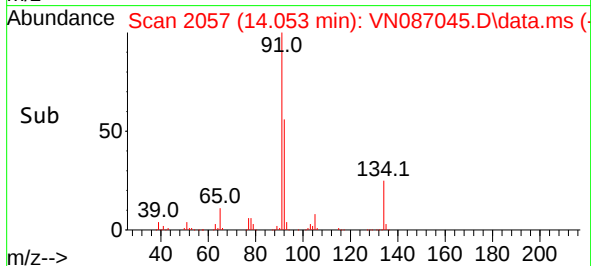
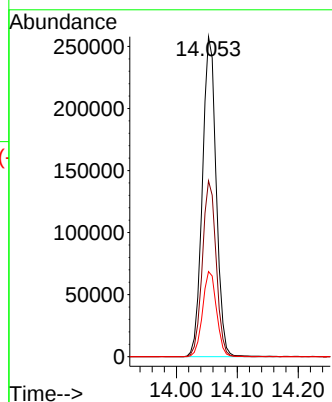
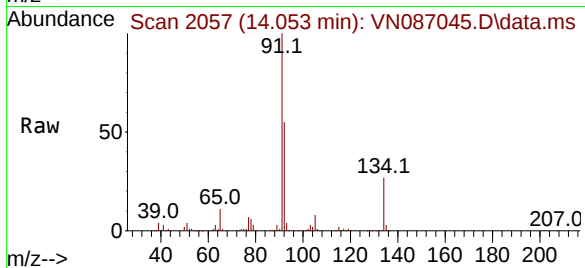
Tgt Ion: 91 Resp: 406564

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.4

134 26.9 13.0 39.0



#90

Hexachloroethane

Concen: 52.187 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN087045.D

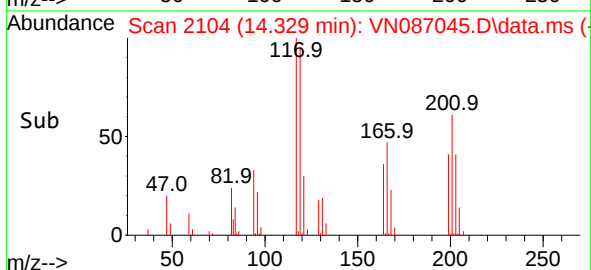
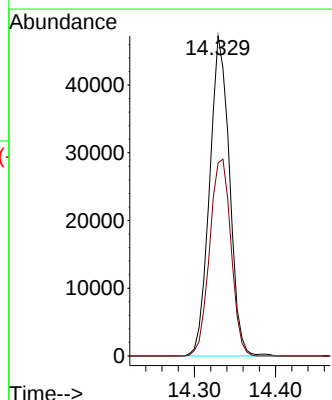
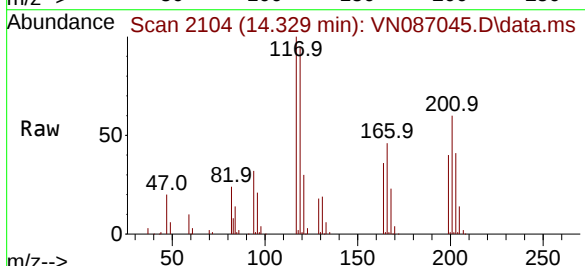
Acq: 17 Jun 2025 09:25

Tgt Ion: 117 Resp: 80443

Ion Ratio Lower Upper

117 100

201 65.9 33.2 99.6

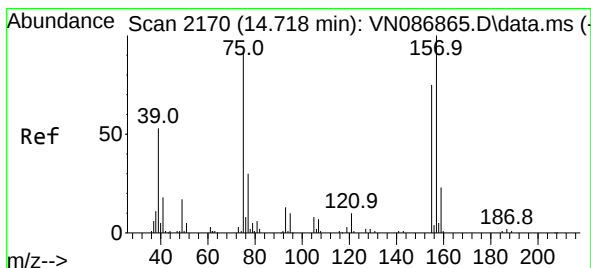
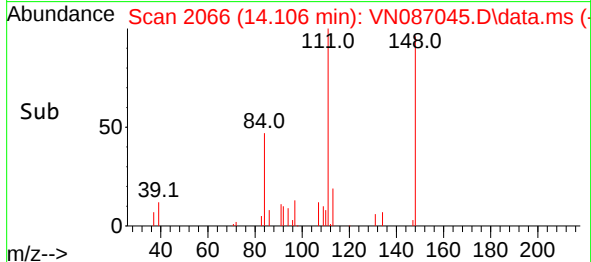
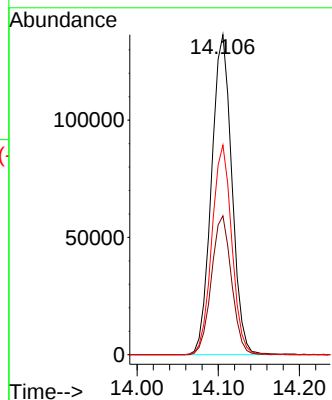
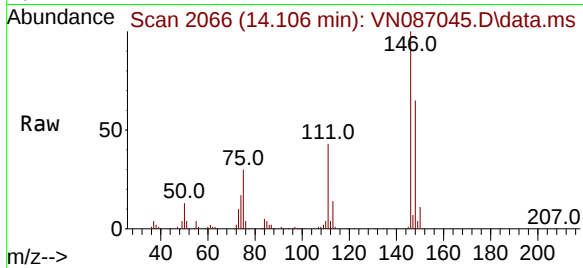




#91
1,2-Dichlorobenzene
Concen: 54.682 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

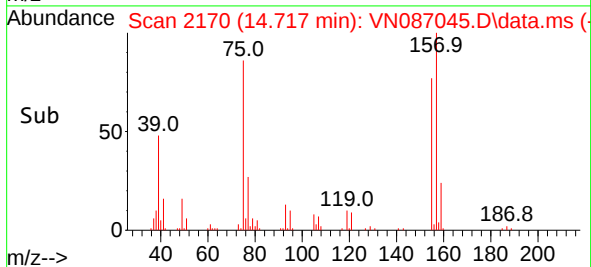
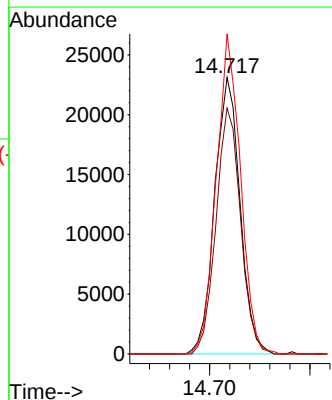
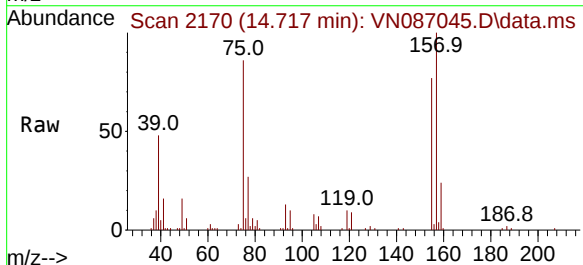
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

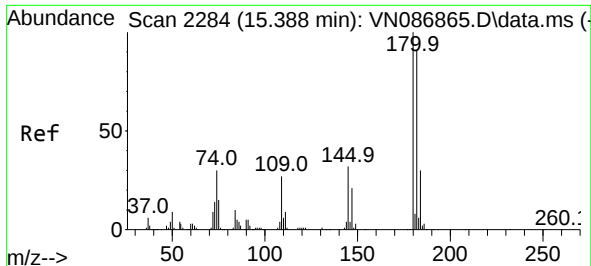
Tgt Ion:146 Resp: 237605
Ion Ratio Lower Upper
146 100
111 42.9 21.6 64.6
148 64.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.806 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion: 75 Resp: 40448
Ion Ratio Lower Upper
75 100
155 86.4 41.1 123.4
157 111.0 52.7 158.1

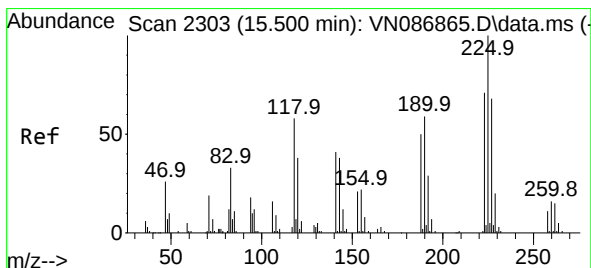
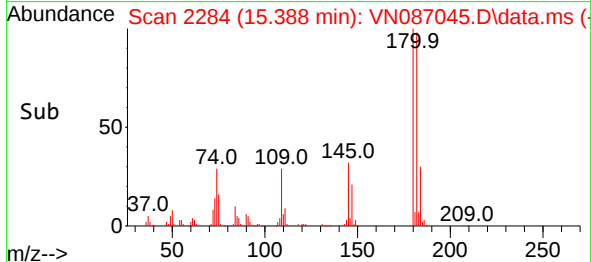
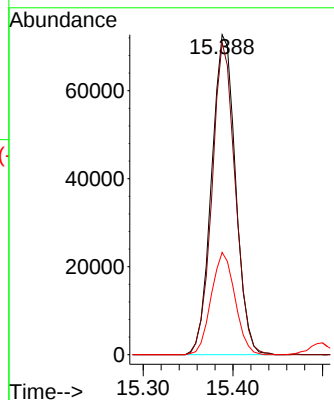
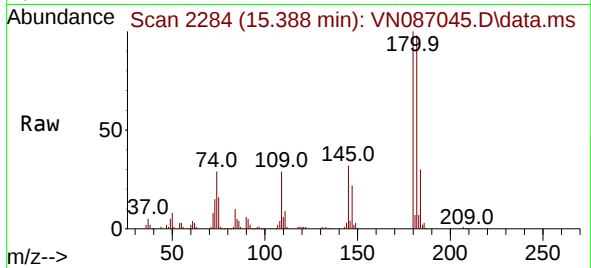




#93
1,2,4-Trichlorobenzene
Concen: 48.485 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

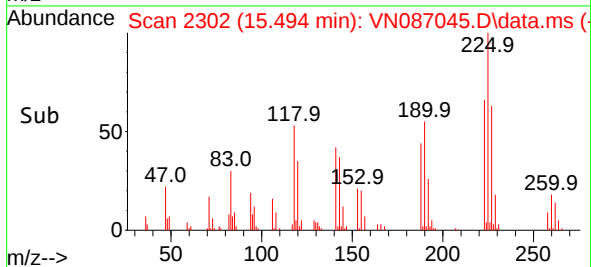
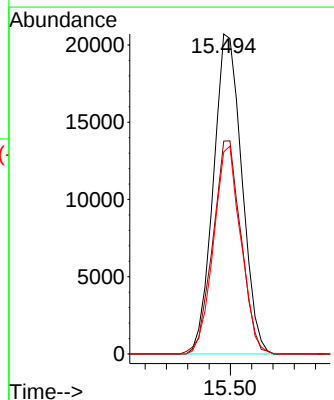
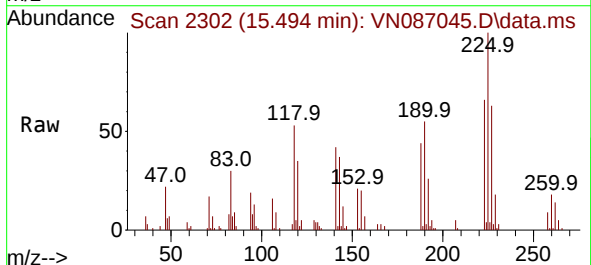
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

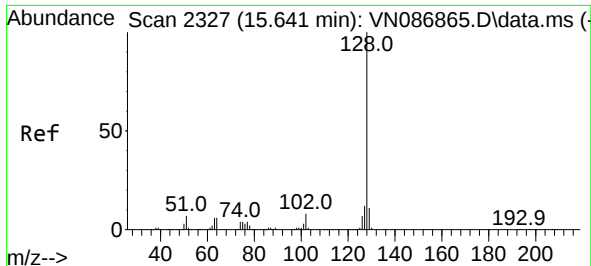
Tgt Ion:180 Resp: 134529
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.7
145 31.7 16.0 47.9



#94
Hexachlorobutadiene
Concen: 37.091 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:225 Resp: 38343
Ion Ratio Lower Upper
225 100
223 65.8 33.5 100.4
227 62.3 31.1 93.5

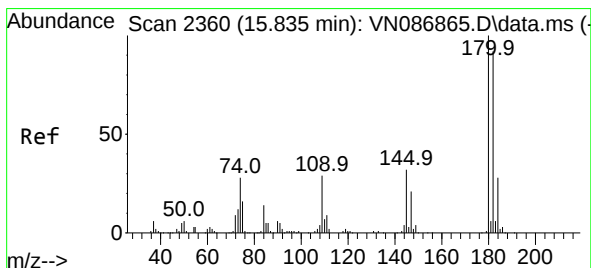
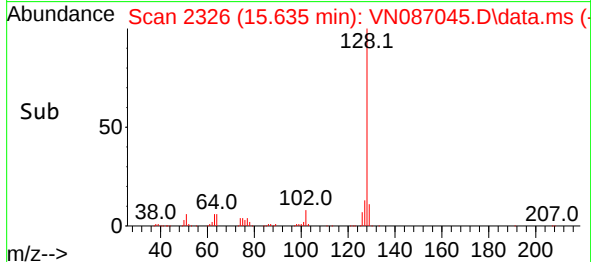
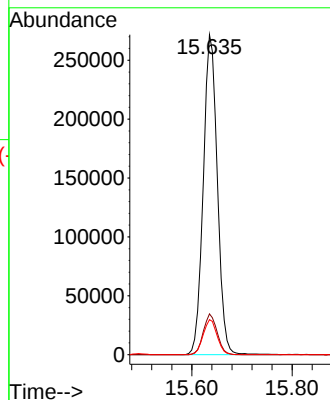
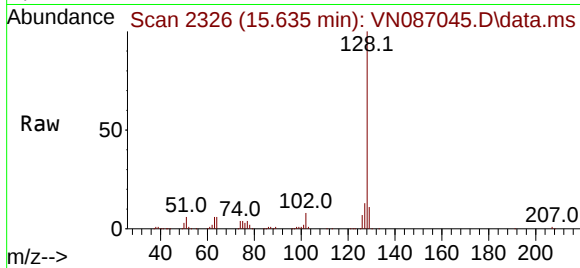




#95
Naphthalene
Concen: 51.304 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 529854
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.739 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087045.D
Acq: 17 Jun 2025 09:25

Tgt Ion:180 Resp: 128848
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 33.2 16.6 49.8

