

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087198.D
 Acq On : 26 Jun 2025 16:34
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 27 05:19:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	185878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	3028	1.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.260%#
35) Dibromofluoromethane	8.177	113	2027	0.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.820%#
50) Toluene-d8	10.565	98	8250	0.893	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.780%#
62) 4-Bromofluorobenzene	12.853	95	3122	0.974	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	1.940%#

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.159	85	2071	0.889	ug/l	88
3) Chloromethane	2.401	50	1993	0.876	ug/l #	84
4) Vinyl Chloride	2.553	62	2168	0.882	ug/l	93
5) Bromomethane	3.006	94	1006	0.763	ug/l #	70
6) Chloroethane	3.165	64	1173	0.913	ug/l #	43
7) Trichlorofluoromethane	3.530	101	2292	0.783	ug/l	92
8) Diethyl Ether	3.989	74	822	0.631	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.389	101	1424	Below Cal	#	57
10) Methyl Iodide	4.606	142	499	0.274	ug/l #	42
11) Tert butyl alcohol	5.536	59	1067	1.810	ug/l #	73
12) 1,1-Dichloroethene	4.371	96	1557	0.714	ug/l #	68
13) Acrolein	4.200	56	779	1.603	ug/l	96
14) Allyl chloride	5.053	41	1752	Below Cal	#	74
15) Acrylonitrile	5.741	53	5153	Below Cal		96
16) Acetone	4.442	43	4263	Below Cal		99
17) Carbon Disulfide	4.736	76	4451	Below Cal	#	76
18) Methyl Acetate	5.042	43	1921	Below Cal	#	72
19) Methyl tert-butyl Ether	5.812	73	4910	0.654	ug/l #	84
20) Methylene Chloride	5.300	84	1934	Below Cal	#	84
21) trans-1,2-Dichloroethene	5.818	96	1808	0.748	ug/l #	49
22) Diisopropyl ether	6.683	45	6135	0.790	ug/l #	93
23) Vinyl Acetate	6.624	43	27027	3.892	ug/l	96
24) 1,1-Dichloroethane	6.583	63	3789	0.826	ug/l #	82
25) 2-Butanone	7.494	43	9096	4.485	ug/l	95
26) 2,2-Dichloropropane	7.494	77	3333	0.914	ug/l	88
27) cis-1,2-Dichloroethene	7.500	96	2574	0.915	ug/l	88
28) Bromochloromethane	7.824	49	1838	0.912	ug/l #	91
29) Tetrahydrofuran	7.859	42	5819	4.376	ug/l	91
30) Chloroform	7.965	83	4114	0.951	ug/l	85
31) Cyclohexane	8.230	56	3832	0.925	ug/l #	1
32) 1,1,1-Trichloroethane	8.177	97	3735	1.005	ug/l #	45
36) 1,1-Dichloropropene	8.383	75	3006	0.919	ug/l	88
37) Ethyl Acetate	7.577	43	3206	Below Cal	#	87
38) Carbon Tetrachloride	8.371	117	2790	0.876	ug/l #	94
39) Methylcyclohexane	9.600	83	3393	0.850	ug/l	90
40) Benzene	8.612	78	9622	0.952	ug/l	97

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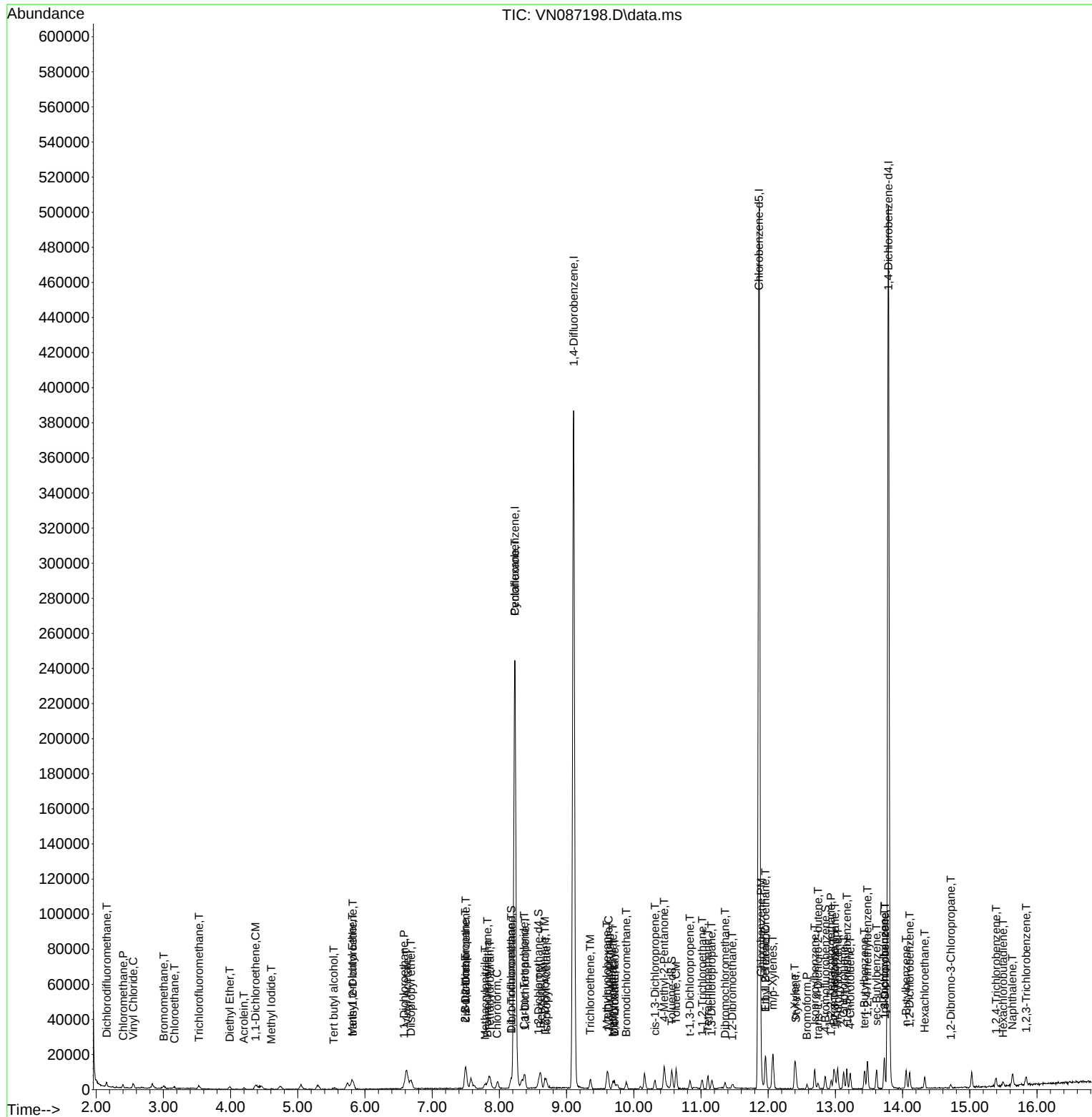
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	1812	0.847	ug/l #	90
42) 1,2-Dichloroethane	8.677	62	3230	0.983	ug/l	86
43) Isopropyl Acetate	8.700	43	5541	0.922	ug/l	98
44) Trichloroethene	9.353	130	2148	0.888	ug/l	84
45) 1,2-Dichloropropane	9.624	63	2204	0.846	ug/l #	60
46) Dibromomethane	9.712	93	1516	0.859	ug/l	98
47) Bromodichloromethane	9.888	83	3163	0.892	ug/l #	74
48) Methyl methacrylate	9.688	41	2263	0.778	ug/l	93
49) 1,4-Dioxane	9.712	88	362	26.613	ug/l #	35
51) 4-Methyl-2-Pentanone	10.453	43	12393	0.641	ug/l	94
52) Toluene	10.629	92	5236	0.811	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	3011	0.762	ug/l #	89
54) cis-1,3-Dichloropropene	10.318	75	3410	0.811	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	2049	0.839	ug/l #	75
56) Ethyl methacrylate	10.894	69	997	Below Cal	#	66
57) 1,3-Dichloropropane	11.159	76	3490	0.809	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	4204	Below Cal		97
60) Dibromochloromethane	11.359	129	2184	0.822	ug/l	96
61) 1,2-Dibromoethane	11.465	107	2119	0.820	ug/l	93
64) Tetrachloroethene	11.100	164	1743	0.929	ug/l	97
65) Chlorobenzene	11.894	112	6480	0.953	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	2011	0.926	ug/l #	61
67) Ethyl Benzene	11.959	91	9674	0.853	ug/l	94
68) m/p-Xylenes	12.070	106	7356	1.695	ug/l	94
69) o-Xylene	12.394	106	3367	0.853	ug/l	97
70) Styrene	12.412	104	5512	0.814	ug/l	98
71) Bromoform	12.576	173	1381	0.856	ug/l #	99
73) Isopropylbenzene	12.694	105	8055	0.849	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	3260	0.954	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	4020	1.219	ug/l	70
77) Bromobenzene	12.976	156	1999	0.867	ug/l	90
78) n-propylbenzene	13.035	91	9748	0.834	ug/l	98
79) 2-Chlorotoluene	13.123	91	7500	1.031	ug/l	82
80) 1,3,5-Trimethylbenzene	13.170	105	6290	0.803	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	919	0.660	ug/l #	88
82) 4-Chlorotoluene	13.223	91	6204	0.856	ug/l	99
83) tert-Butylbenzene	13.429	119	5362	0.797	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	6291	0.792	ug/l	98
85) sec-Butylbenzene	13.612	105	7819	0.789	ug/l	99
86) p-Isopropyltoluene	13.729	119	6214	0.764	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	4401	0.949	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	4401	0.923	ug/l	95
89) n-Butylbenzene	14.053	91	6388	0.846	ug/l	99
90) Hexachloroethane	14.329	117	1488	0.946	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	4260	0.975	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	720	0.923	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	2020	0.830	ug/l	96
94) Hexachlorobutadiene	15.494	225	685	0.893	ug/l	91
95) Naphthalene	15.635	128	7179	0.778	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	2138	0.890	ug/l	94

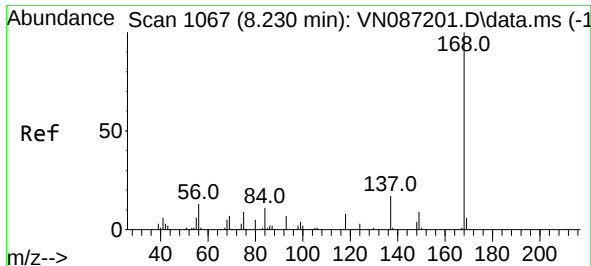
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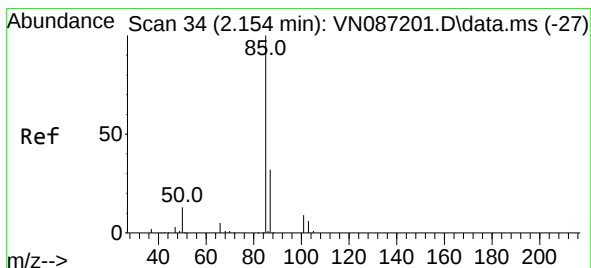
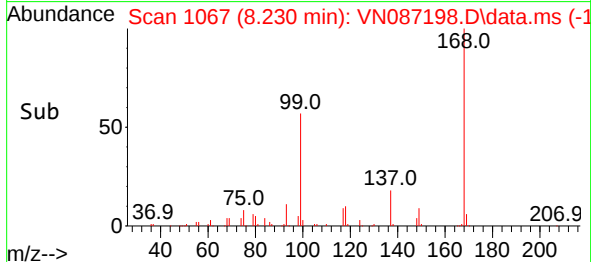
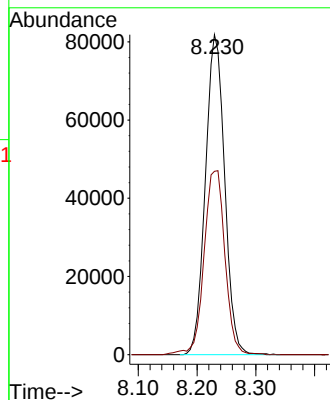
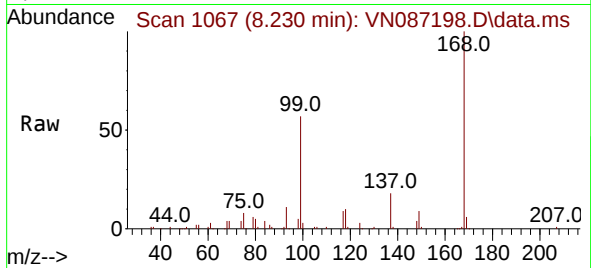




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

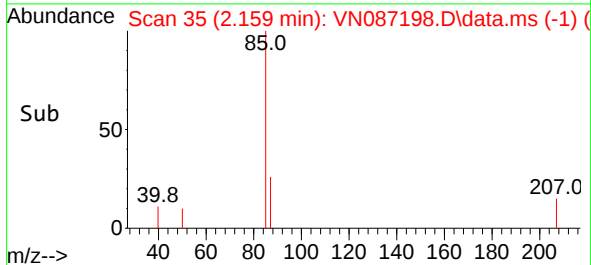
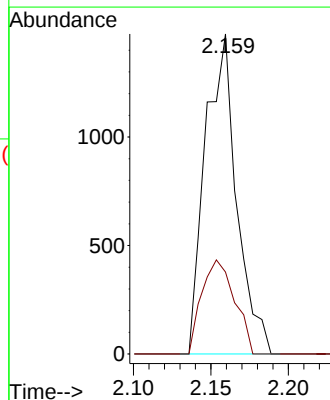
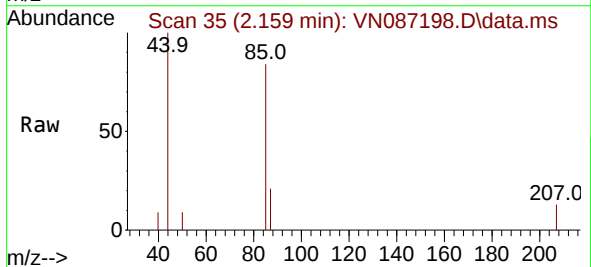
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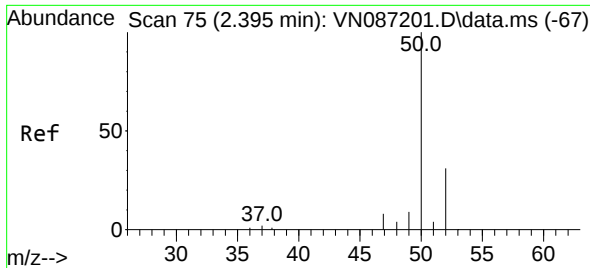
Tgt Ion:168 Resp: 185878
Ion Ratio Lower Upper
168 100
99 57.3 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 0.889 ug/l
RT: 2.159 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 85 Resp: 2071
Ion Ratio Lower Upper
85 100
87 25.6 16.1 48.3

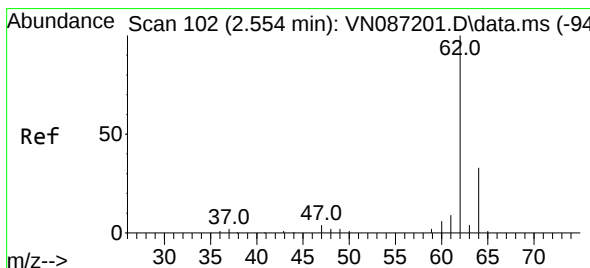
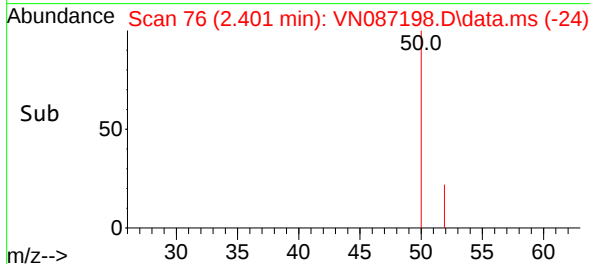
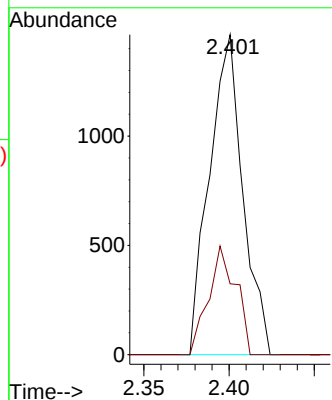
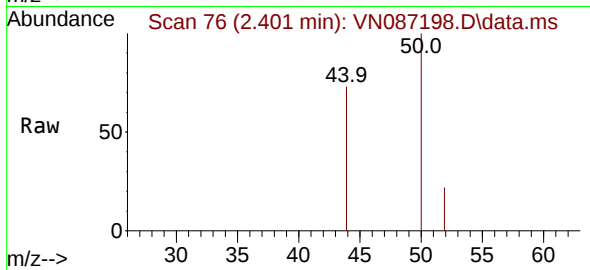




#3
Chloromethane
Concen: 0.876 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

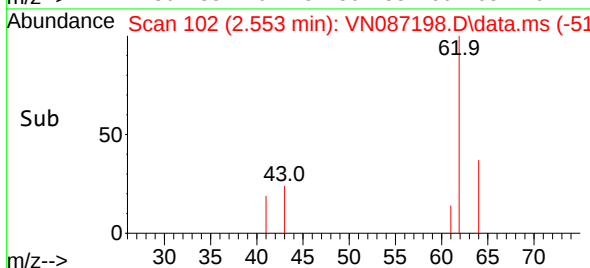
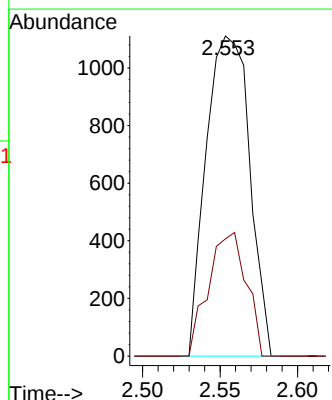
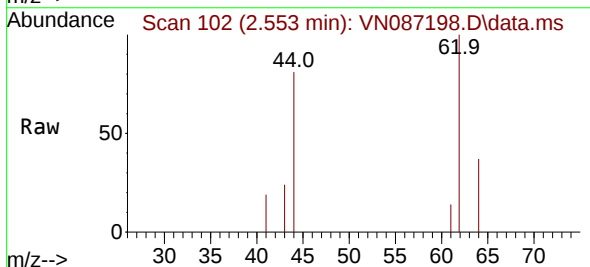
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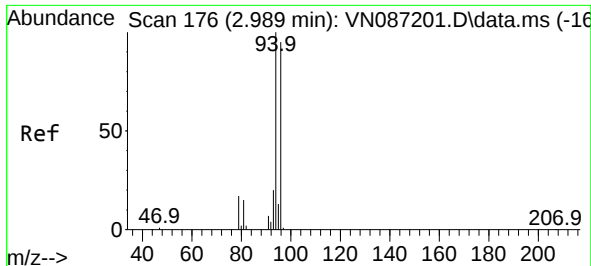
Tgt Ion: 50 Resp: 1993
Ion Ratio Lower Upper
50 100
52 22.1 24.6 36.8#



#4
Vinyl Chloride
Concen: 0.882 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 62 Resp: 2168
Ion Ratio Lower Upper
62 100
64 36.6 26.0 39.0

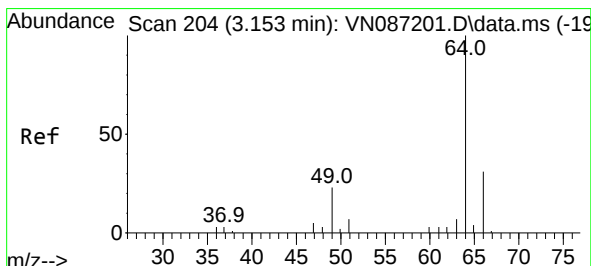
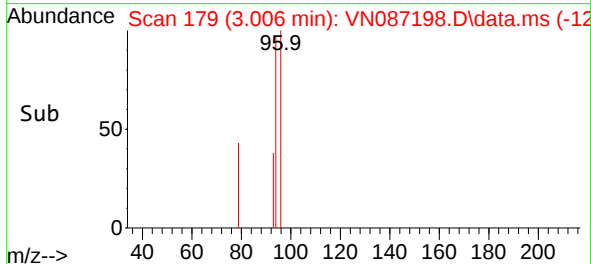
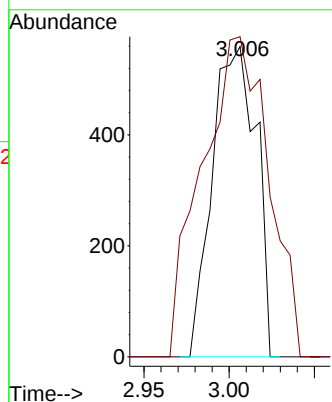
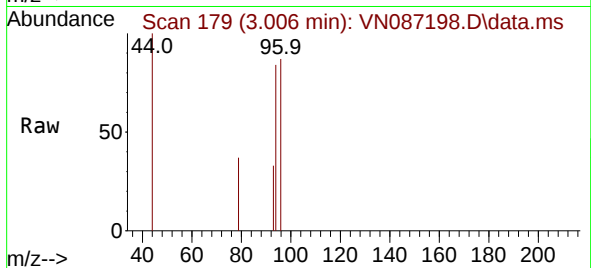




#5
Bromomethane
Concen: 0.763 ug/l
RT: 3.006 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

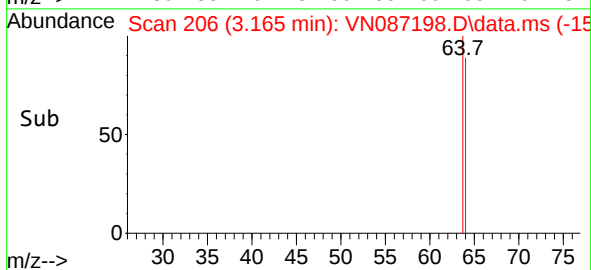
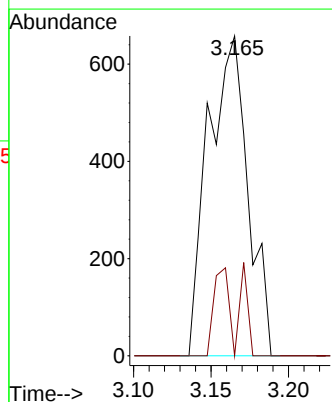
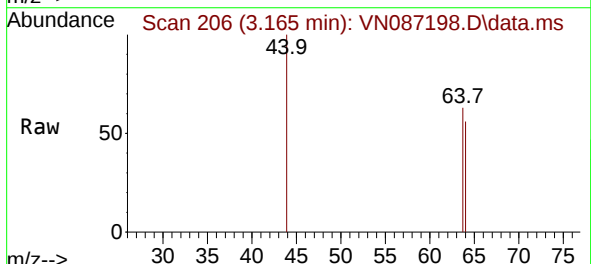
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ClientSampleId :
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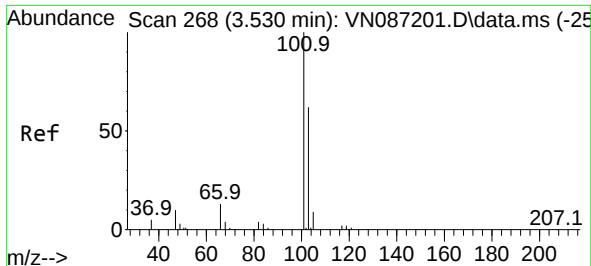
Tgt Ion: 94 Resp: 1006
Ion Ratio Lower Upper
94 100
96 65.8 75.7 113.5#



#6
Chloroethane
Concen: 0.913 ug/l
RT: 3.165 min Scan# 206
Delta R.T. 0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 64 Resp: 1173
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

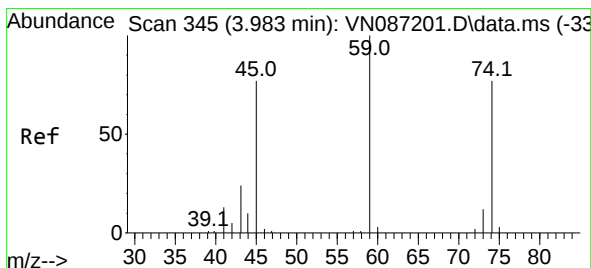
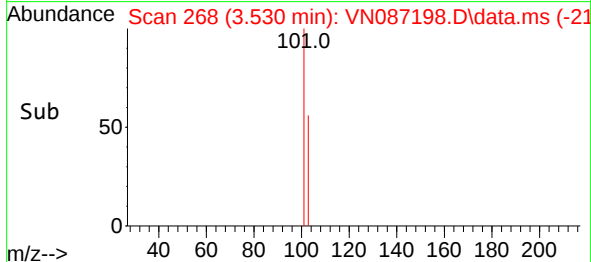
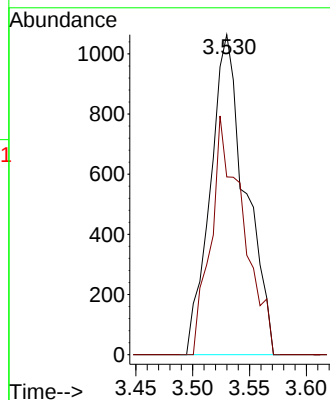
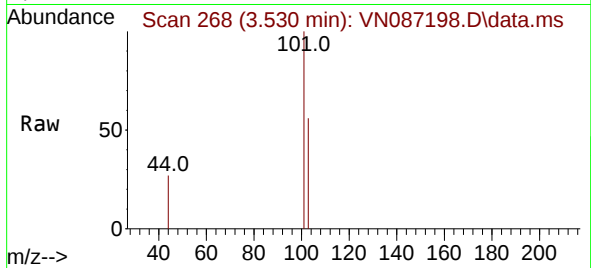




#7
 Trichlorofluoromethane
 Concen: 0.783 ug/l
 RT: 3.530 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

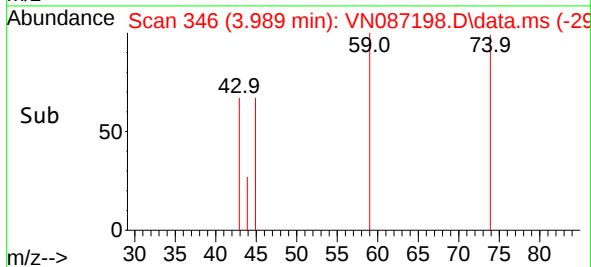
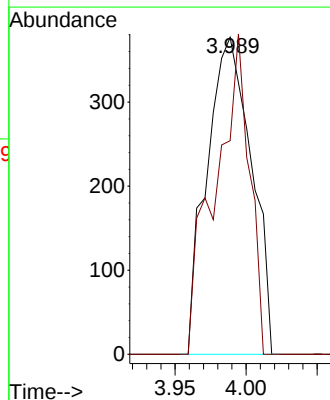
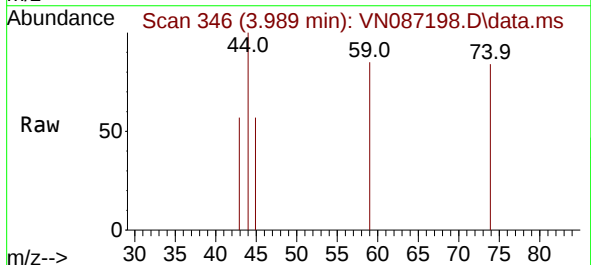
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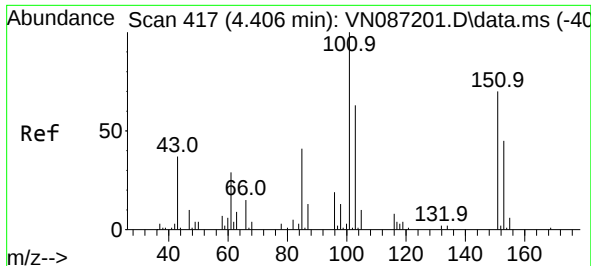
Tgt Ion:101 Resp: 2292
 Ion Ratio Lower Upper
 101 100
 103 55.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 0.631 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

Tgt Ion: 74 Resp: 822
 Ion Ratio Lower Upper
 74 100
 45 77.6 47.0 141.2

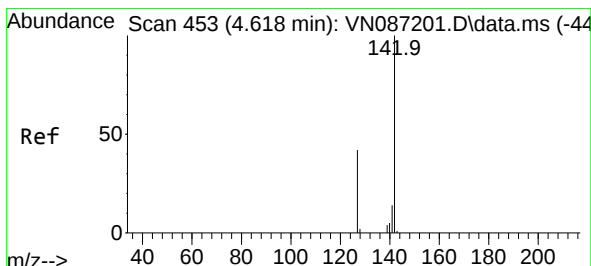
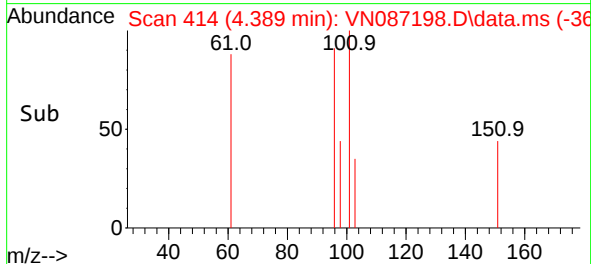
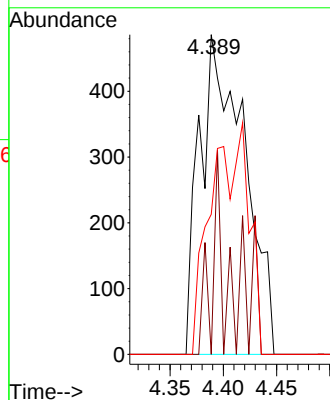
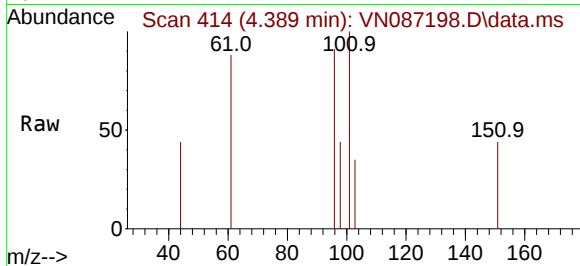




#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 4.389 min Scan# 417
Delta R.T. -0.017 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

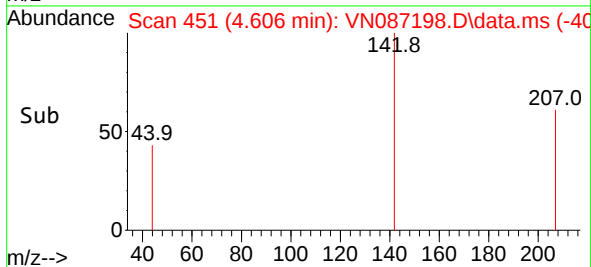
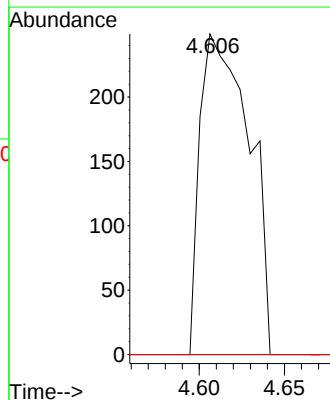
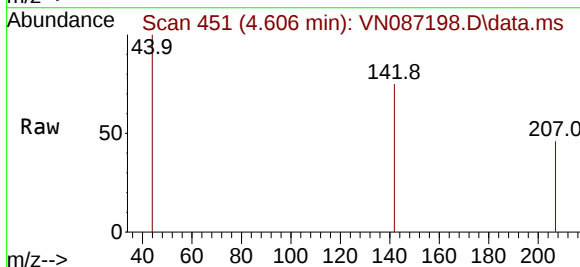
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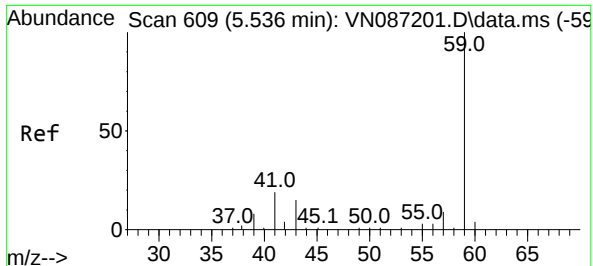
Tgt Ion:101 Resp: 1424
Ion Ratio Lower Upper
101 100
85 15.9 34.3 51.5#
151 35.3 57.3 85.9#



#10
Methyl Iodide
Concen: 0.274 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:142 Resp: 499
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

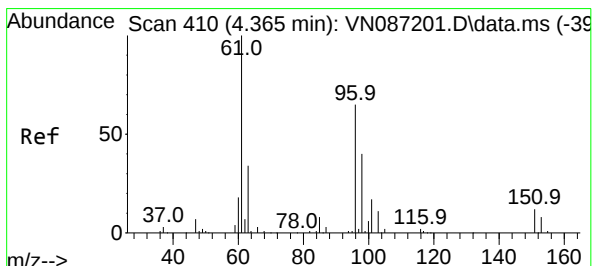
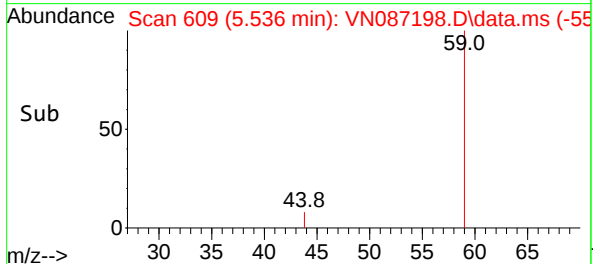
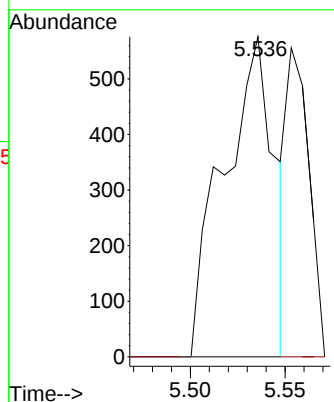
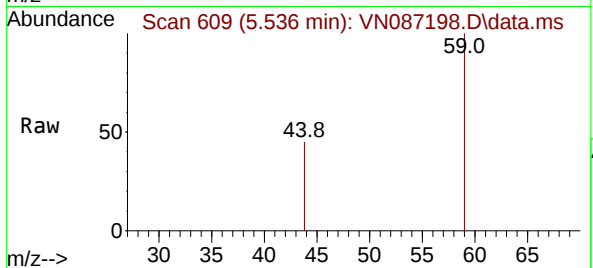




#11
Tert butyl alcohol
Concen: 1.810 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

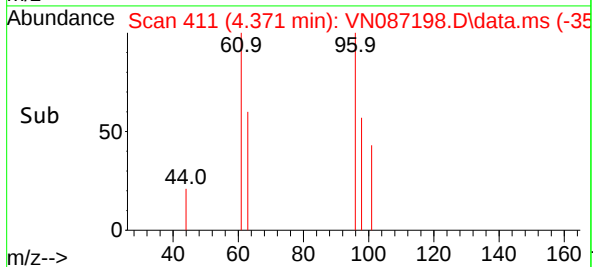
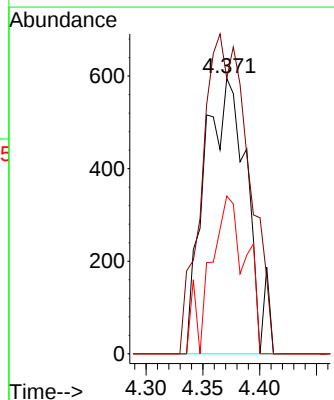
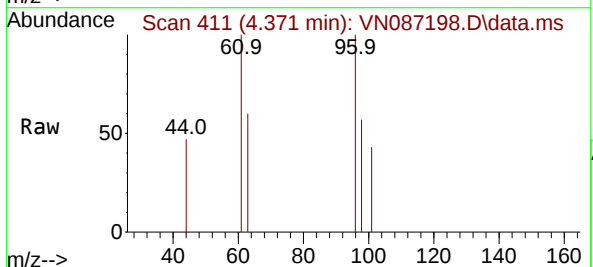
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

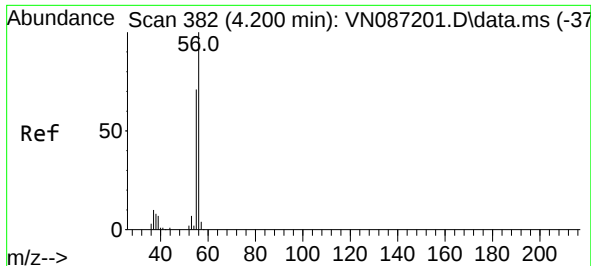
Tgt Ion: 59 Resp: 1067
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.714 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

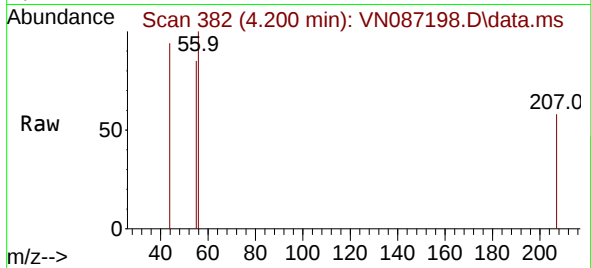
Tgt Ion: 96 Resp: 1557
Ion Ratio Lower Upper
96 100
61 100.0 123.5 185.3#
98 57.3 49.5 74.3



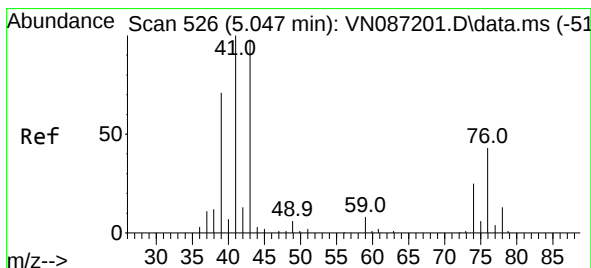
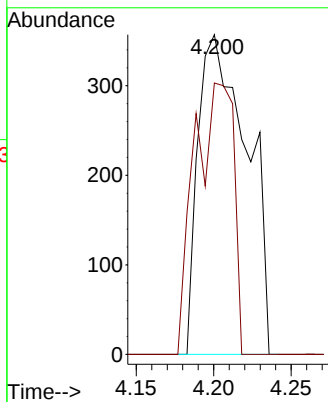
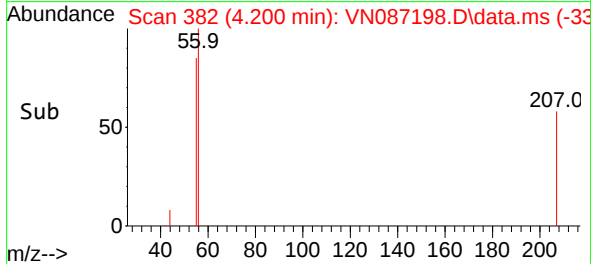


#13
Acrolein
Concen: 1.603 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

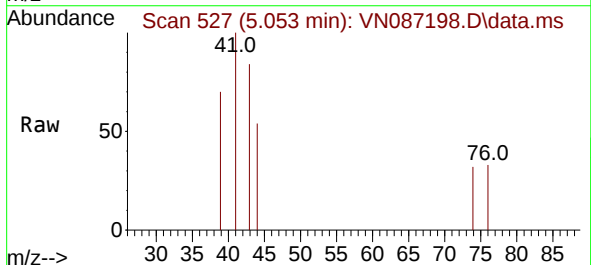
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



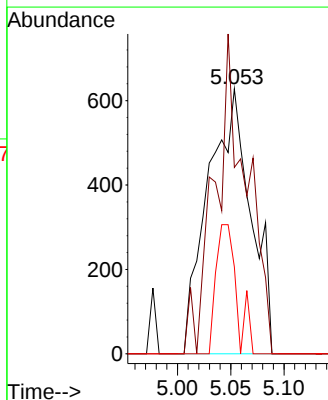
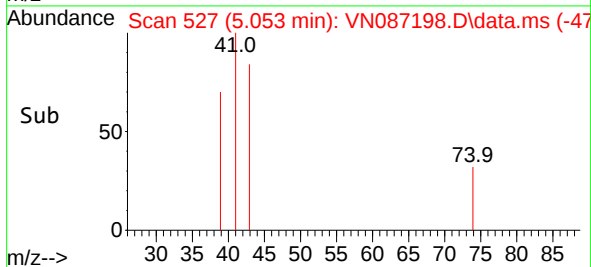
Tgt Ion: 56 Resp: 779
Ion Ratio Lower Upper
56 100
55 67.9 56.8 85.2

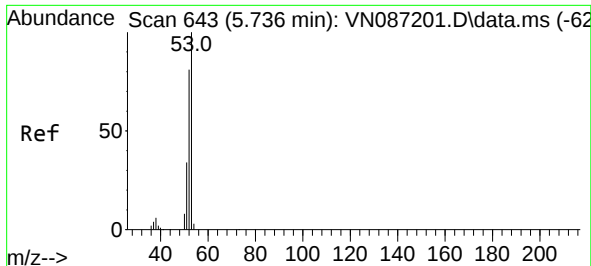


#14
Allyl chloride
Concen: Below Cal
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



Tgt Ion: 41 Resp: 1752
Ion Ratio Lower Upper
41 100
39 90.2 55.0 82.6#
76 23.3 31.3 46.9#

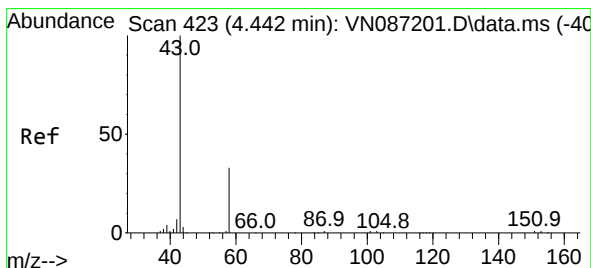
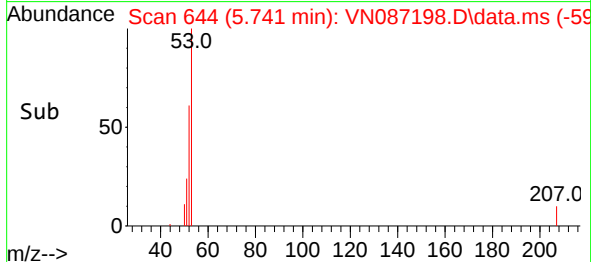
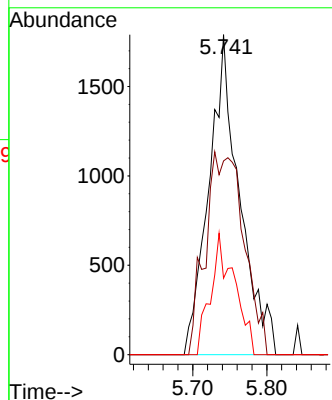
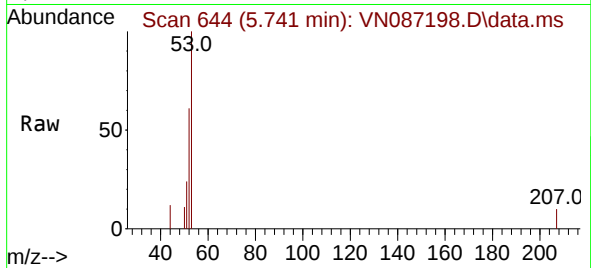




#15
Acrylonitrile
Concen: Below Cal
RT: 5.741 min Scan# 643
Delta R.T. 0.005 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

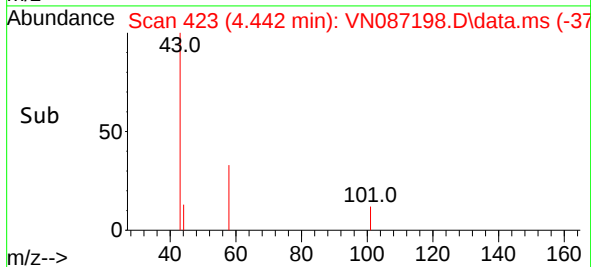
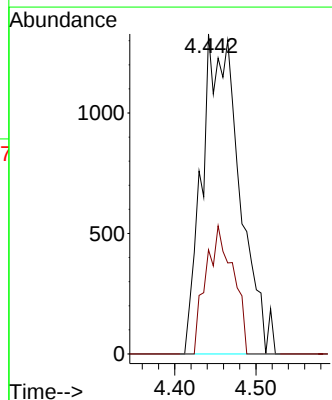
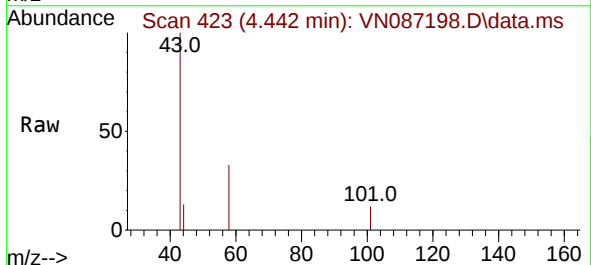
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

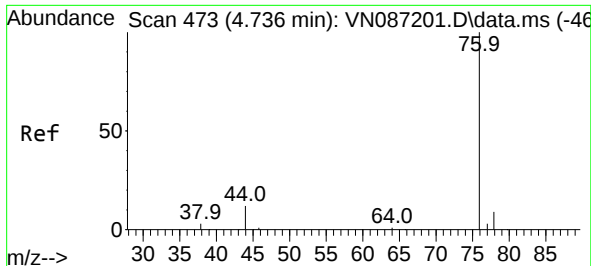
Tgt Ion: 53 Resp: 5153
Ion Ratio Lower Upper
53 100
52 79.3 65.0 97.6
51 29.6 27.8 41.6



#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 43 Resp: 4263
Ion Ratio Lower Upper
43 100
58 32.5 26.5 39.7

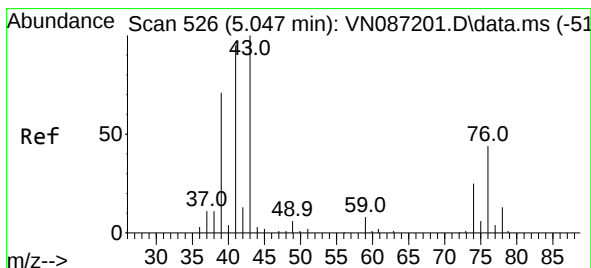
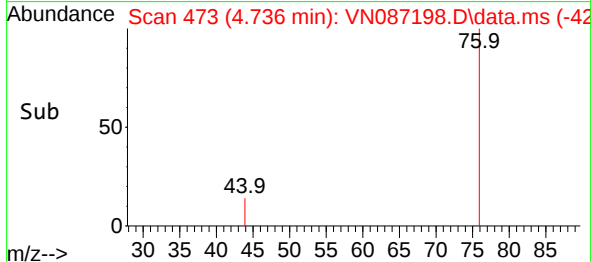
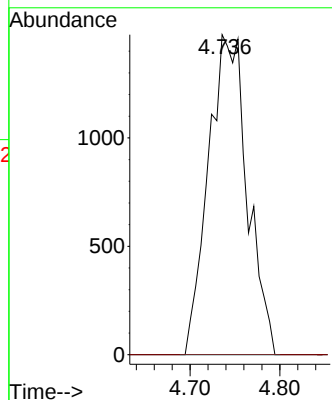
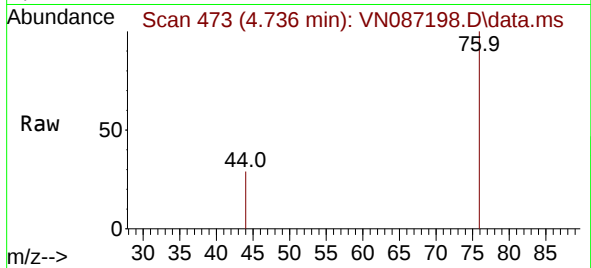




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.736 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

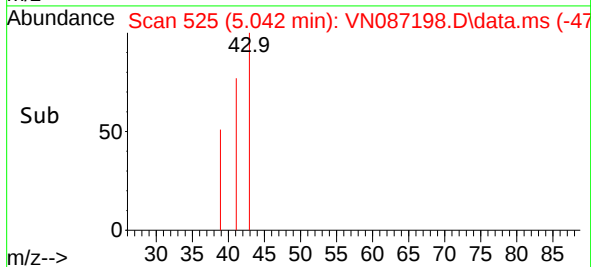
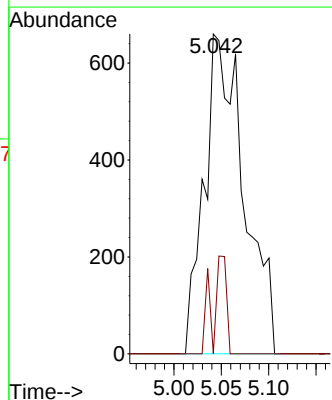
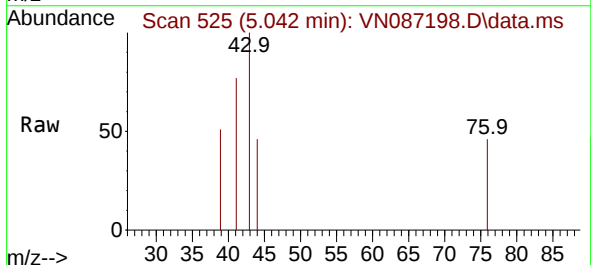
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

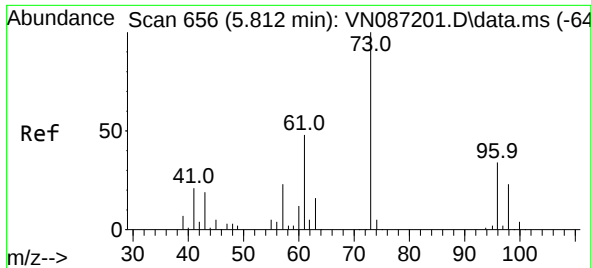
Tgt Ion: 76 Resp: 4451
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 525
Delta R.T. -0.005 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
74 10.6 19.4 29.2#

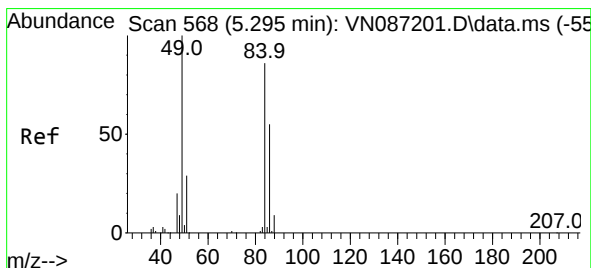
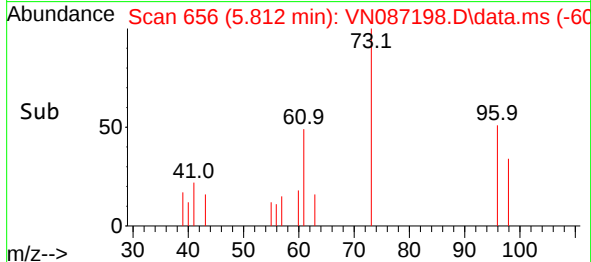
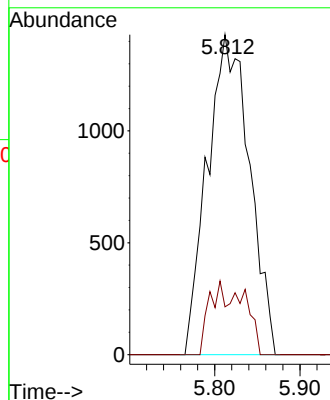
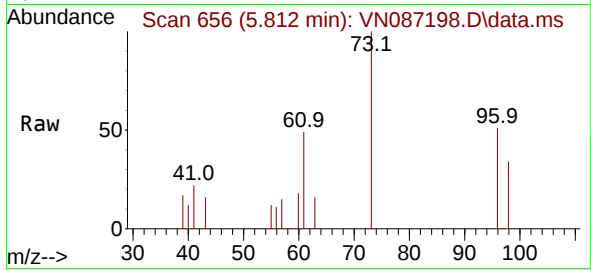




#19
Methyl tert-butyl Ether
Concen: 0.654 ug/l
RT: 5.812 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

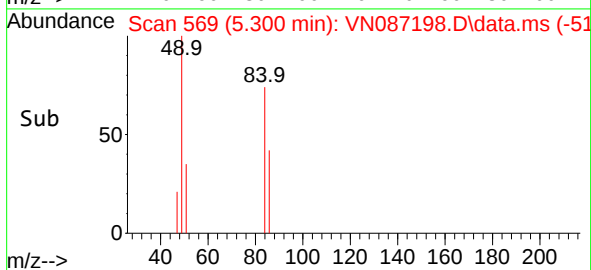
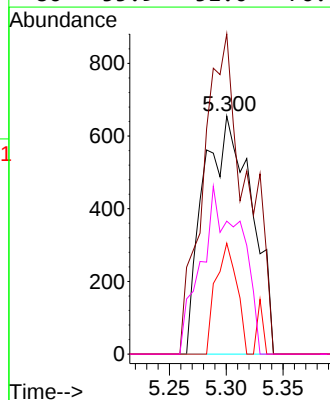
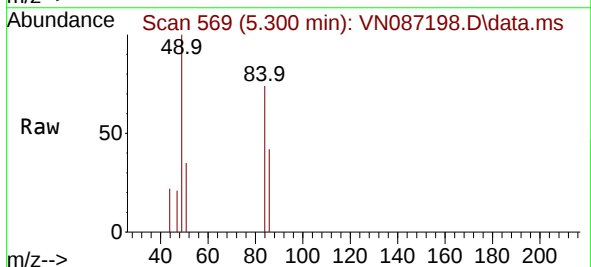
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

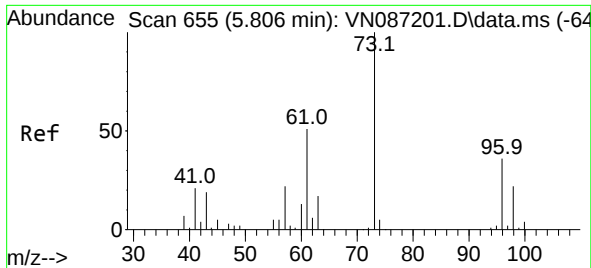
Tgt Ion: 73 Resp: 4910
Ion Ratio Lower Upper
73 100
57 15.0 18.2 27.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 569
Delta R.T. 0.005 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 84 Resp: 1934
Ion Ratio Lower Upper
84 100
49 134.5 93.0 139.6
51 46.6 27.2 40.8#
86 55.9 51.0 76.4

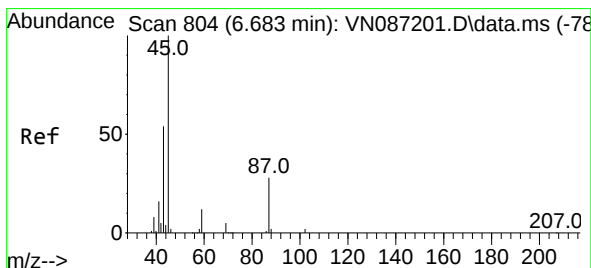
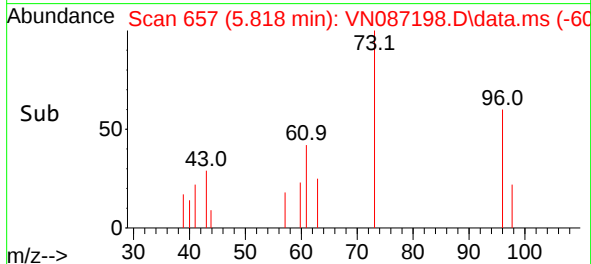
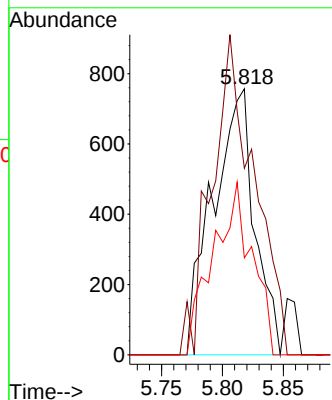
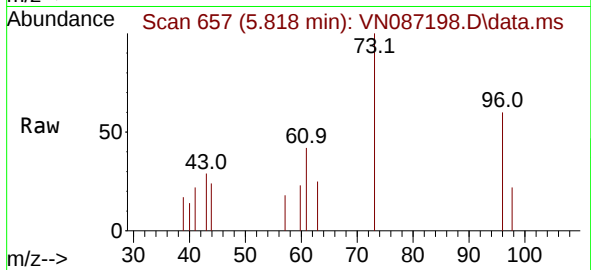




#21
trans-1,2-Dichloroethene
Concen: 0.748 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

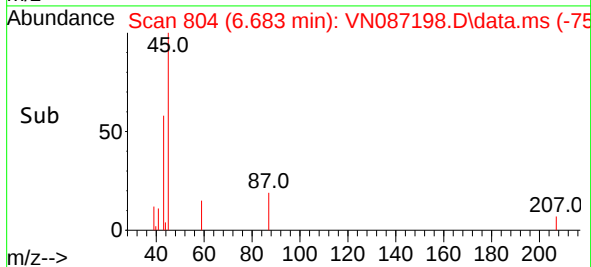
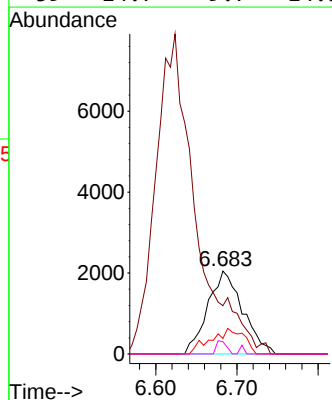
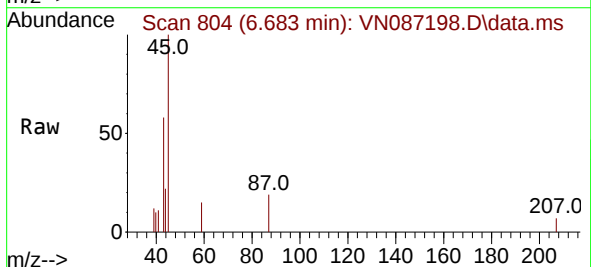
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

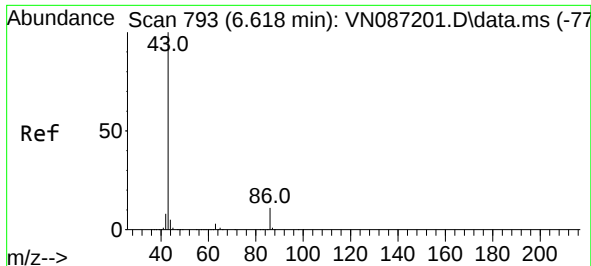
Tgt Ion: 96 Resp: 1808
Ion Ratio Lower Upper
96 100
61 70.1 113.8 170.8#
98 36.5 50.4 75.6#



#22
Diisopropyl ether
Concen: 0.790 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 45 Resp: 6135
Ion Ratio Lower Upper
45 100
43 58.3 45.8 68.6
87 18.7 22.7 34.1#
59 14.7 9.7 14.5#

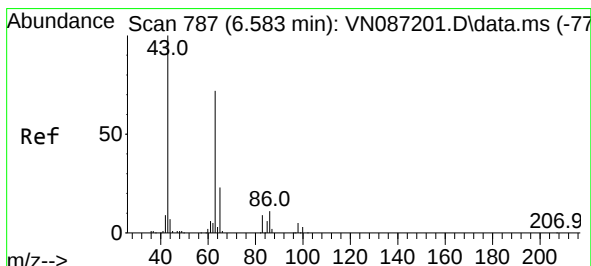
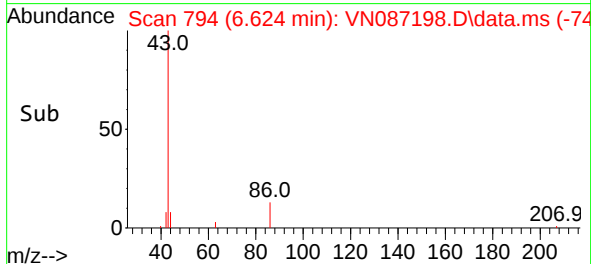
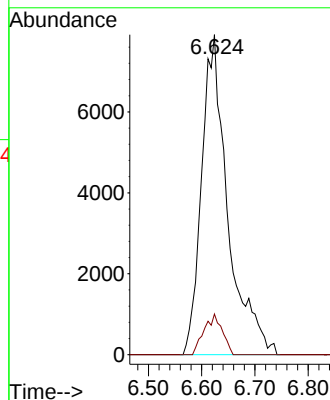
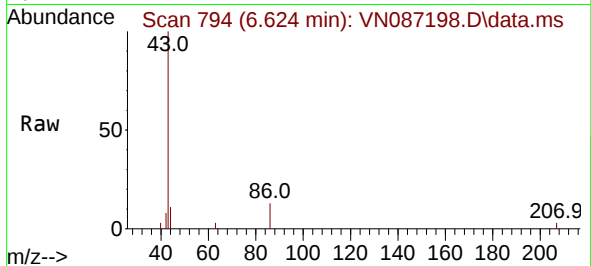




#23
 Vinyl Acetate
 Concen: 3.892 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

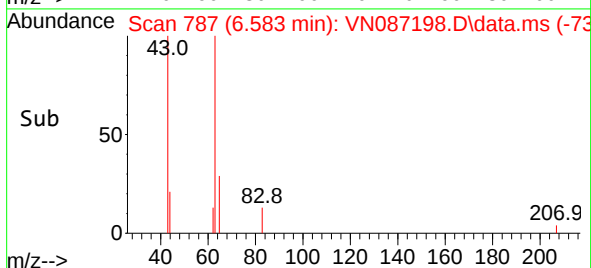
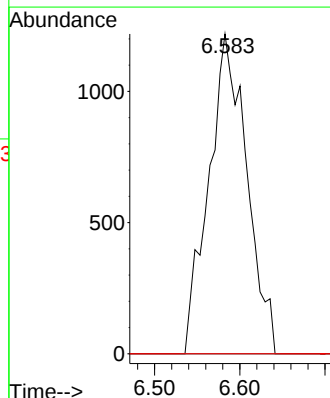
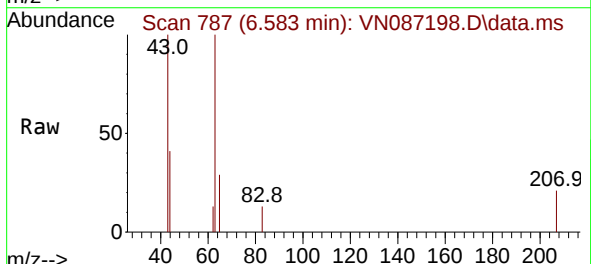
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

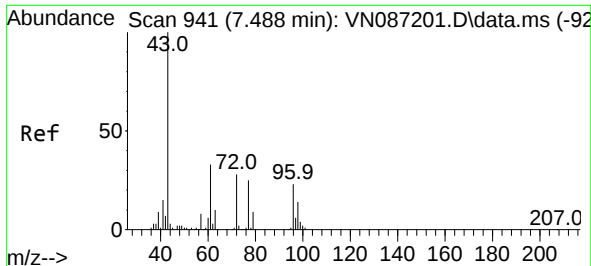
Tgt Ion: 43 Resp: 27027
 Ion Ratio Lower Upper
 43 100
 86 12.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 0.826 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

Tgt Ion: 63 Resp: 3789
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.1 6.5#

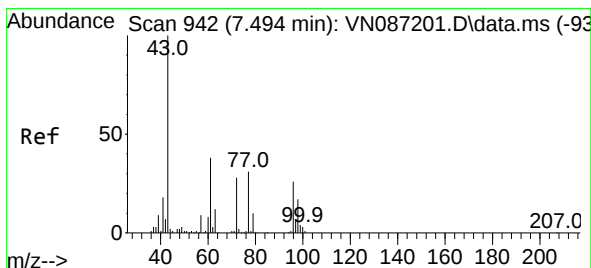
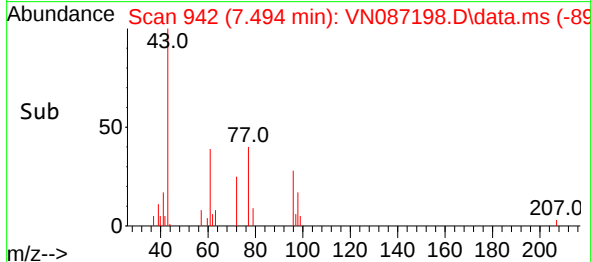
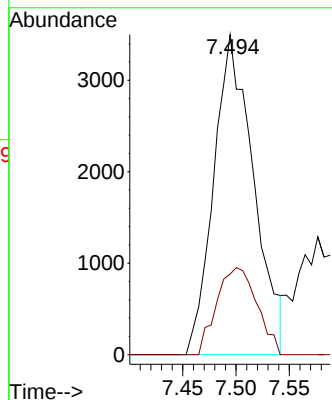
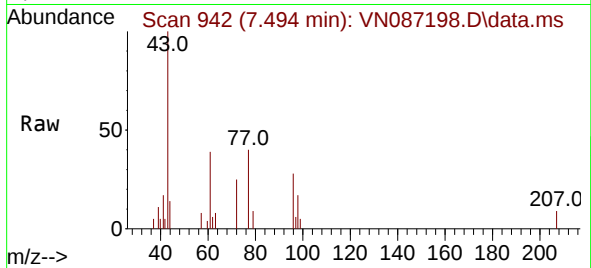




#25
2-Butanone
Concen: 4.485 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

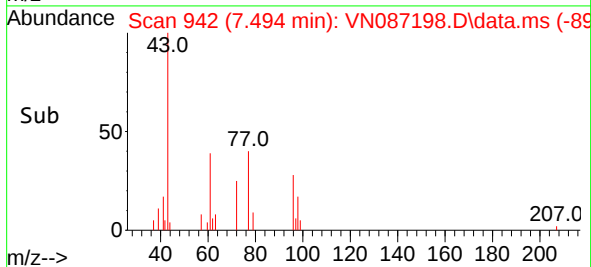
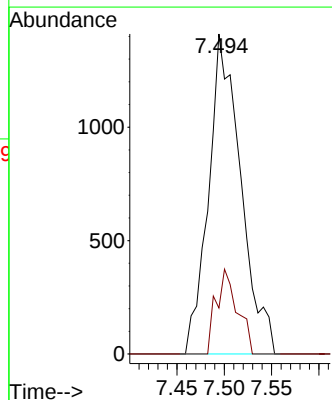
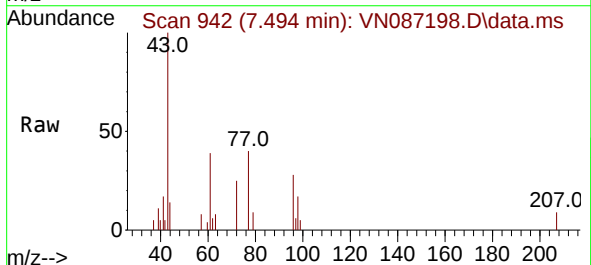
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MSVOA_N
ClientSampleId :
VSTDICC001

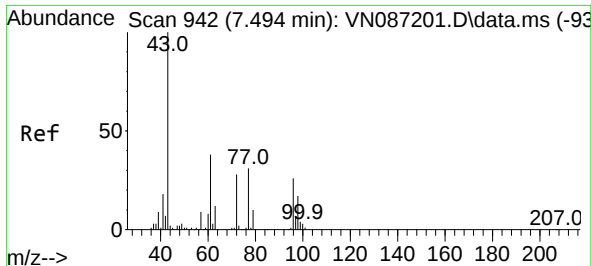
Tgt Ion: 43 Resp: 9096
Ion Ratio Lower Upper
43 100
72 25.2 22.2 33.2



#26
2,2-Dichloropropane
Concen: 0.914 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 77 Resp: 3333
Ion Ratio Lower Upper
77 100
97 17.5 11.8 35.3

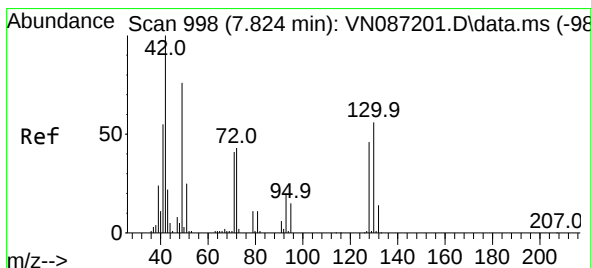
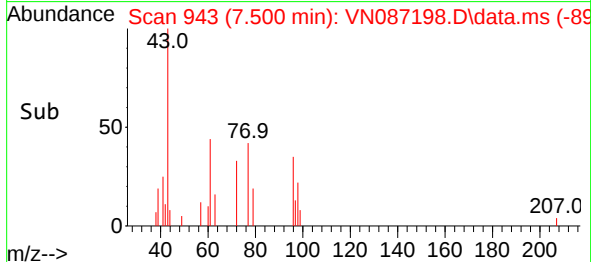
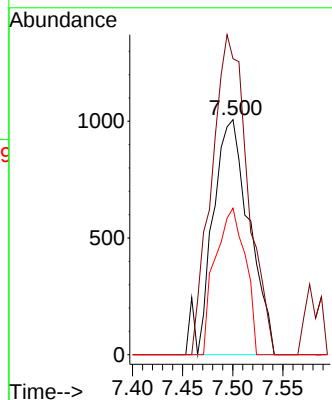
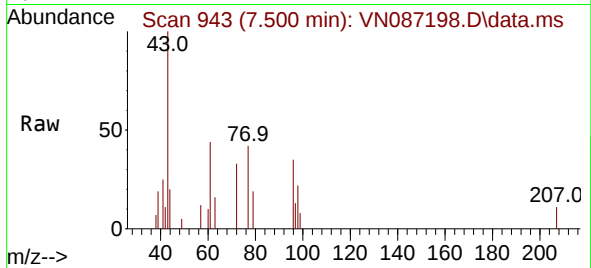




#27
 cis-1,2-Dichloroethene
 Concen: 0.915 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

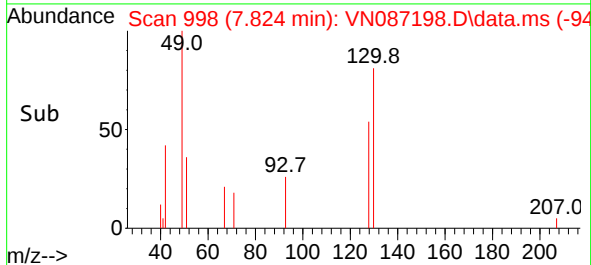
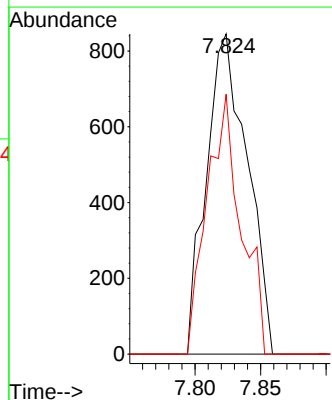
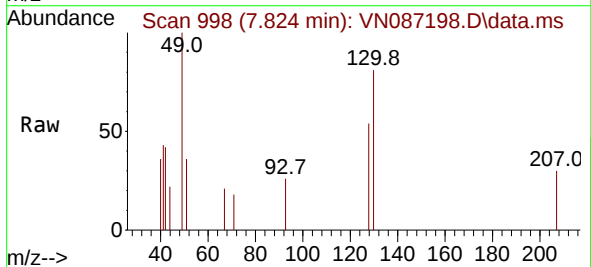
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

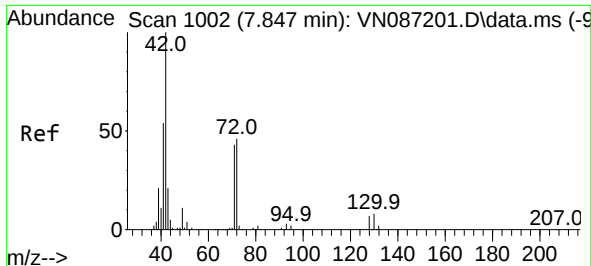
Tgt Ion: 96 Resp: 2574
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 290.4
 98 50.9 0.0 126.8



#28
 Bromochloromethane
 Concen: 0.912 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

Tgt Ion: 49 Resp: 1838
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.2
 130 67.7 60.0 90.0





#29

Tetrahydrofuran

Concen: 4.376 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

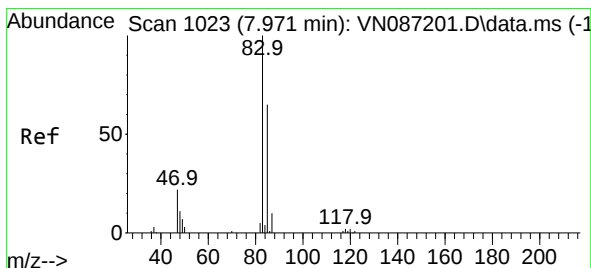
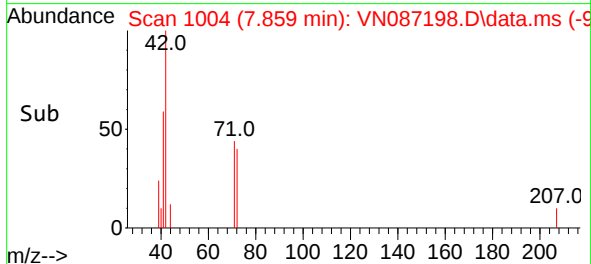
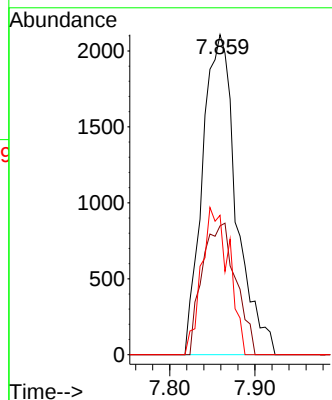
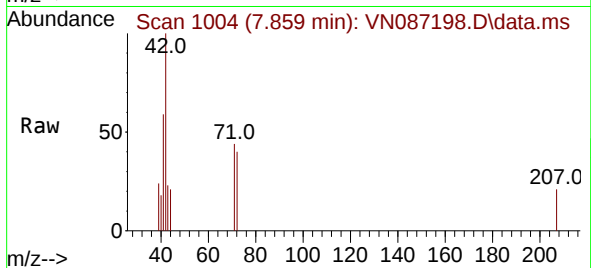
Tgt Ion: 42 Resp: 5819

Ion Ratio Lower Upper

42 100

72 40.8 36.9 55.3

71 37.4 35.0 52.4



#30

Chloroform

Concen: 0.951 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN087198.D

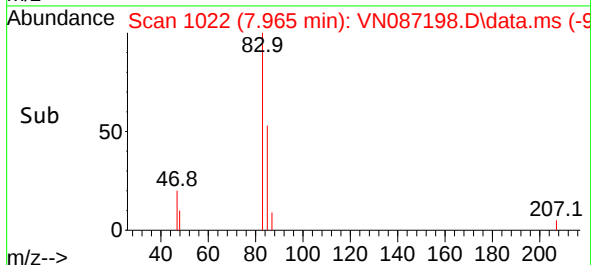
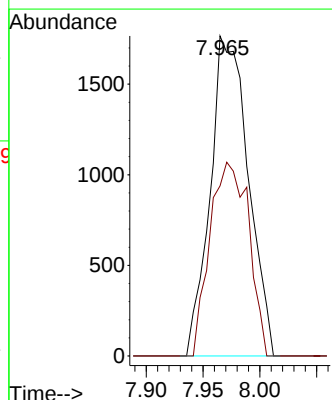
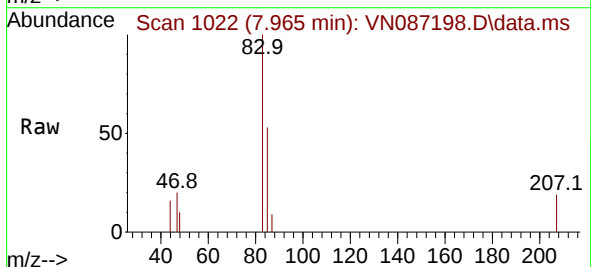
Acq: 26 Jun 2025 16:34

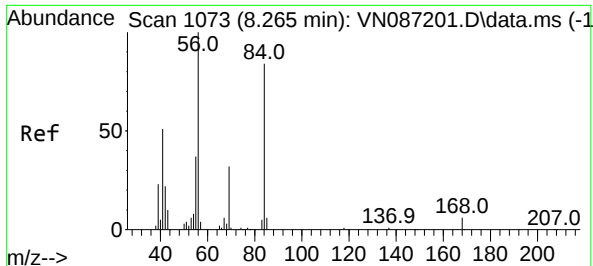
Tgt Ion: 83 Resp: 4114

Ion Ratio Lower Upper

83 100

85 53.2 52.0 78.0

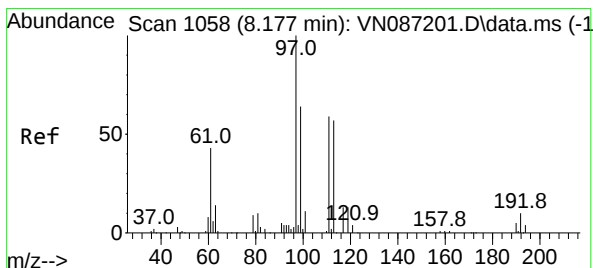
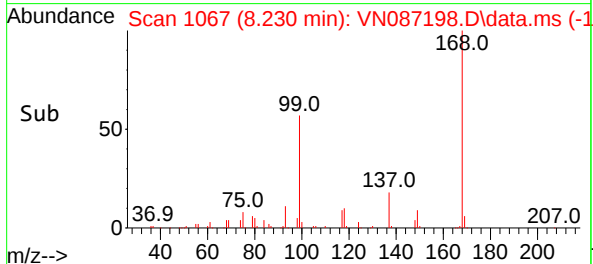
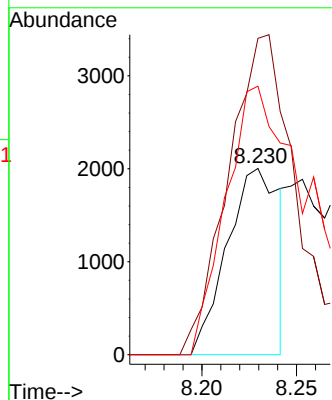
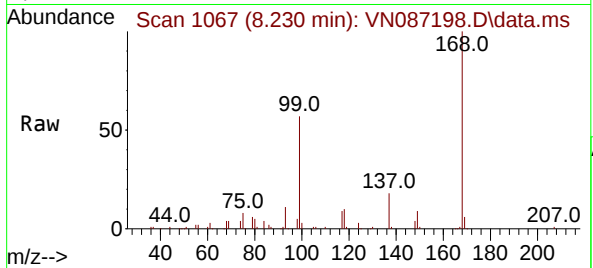




#31
Cyclohexane
Concen: 0.925 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

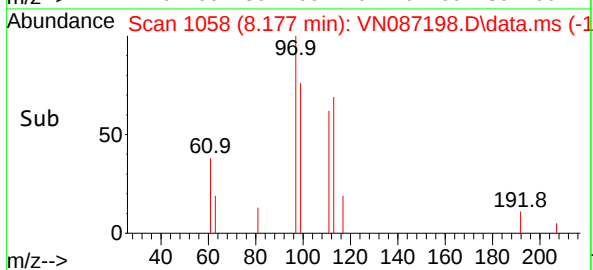
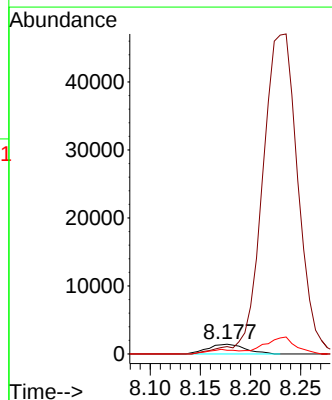
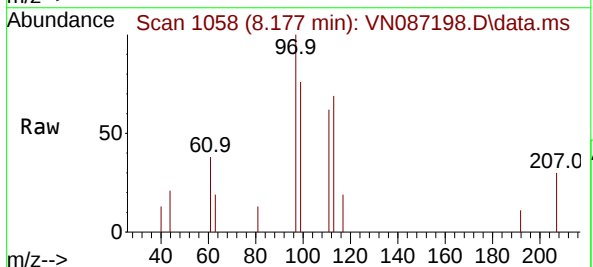
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

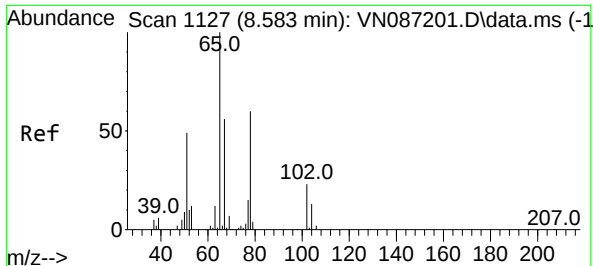
Tgt Ion: 56 Resp: 3832
Ion Ratio Lower Upper
56 100
69 169.9 25.3 37.9#
84 144.2 67.4 101.0#



#32
1,1,1-Trichloroethane
Concen: 1.005 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 97 Resp: 3735
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9#
61 33.4 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 1.132 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

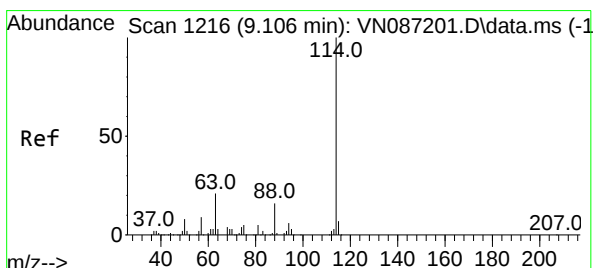
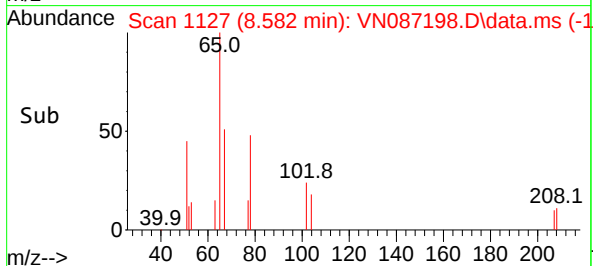
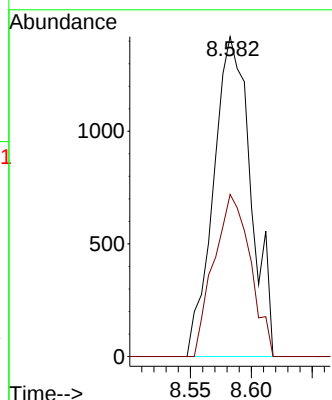
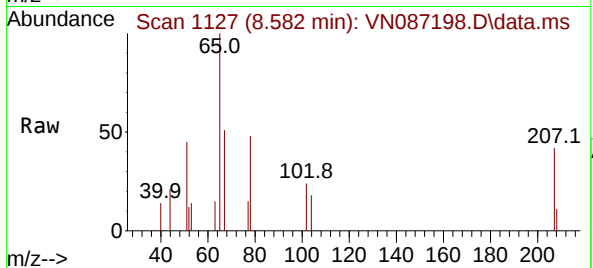
VSTDIC001

Tgt Ion: 65 Resp: 3028

Ion Ratio Lower Upper

65 100

67 49.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

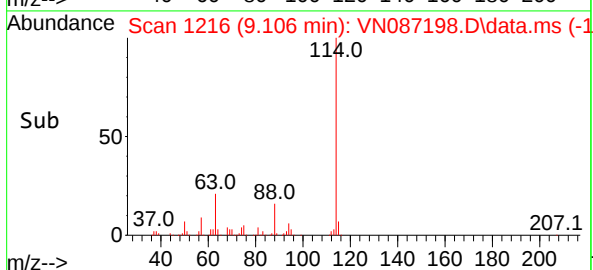
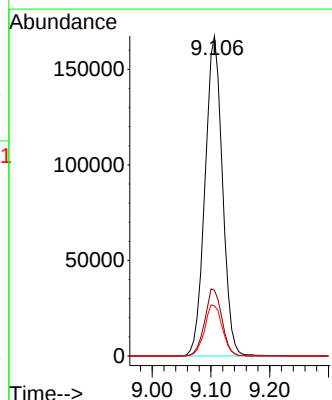
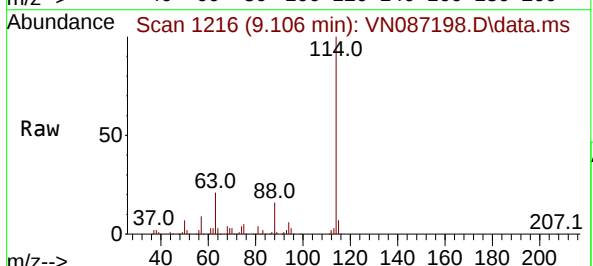
Tgt Ion: 114 Resp: 345366

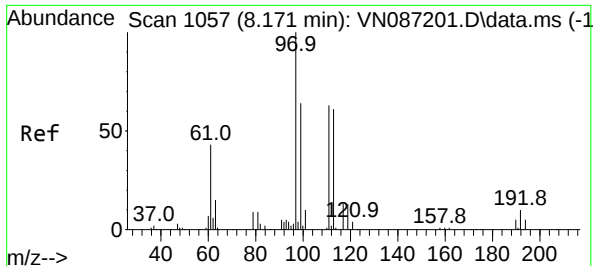
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 0.908 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

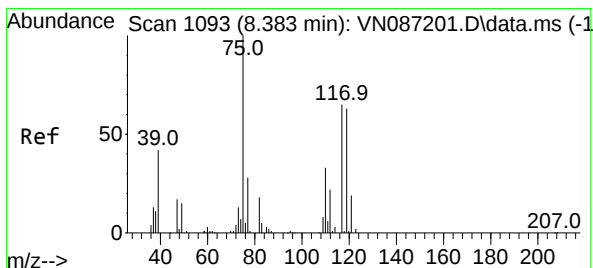
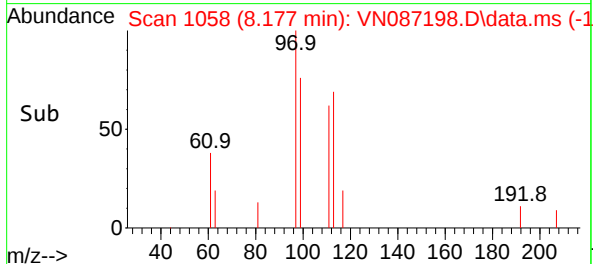
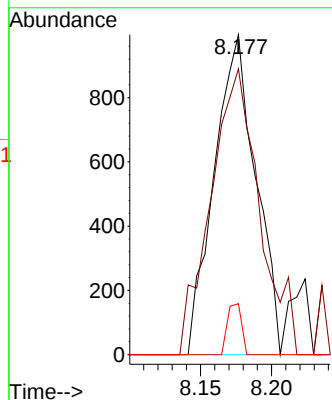
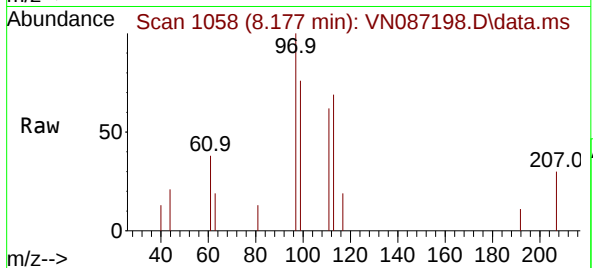
Tgt Ion:113 Resp: 2027

Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 5.4 13.5 20.3#



#36

1,1-Dichloropropene

Concen: 0.919 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

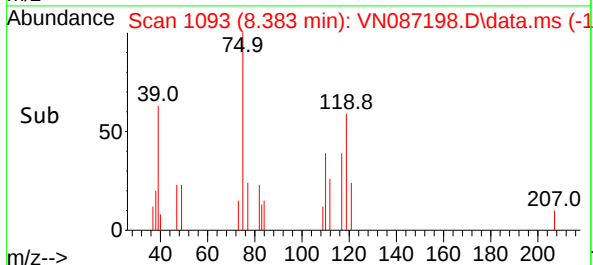
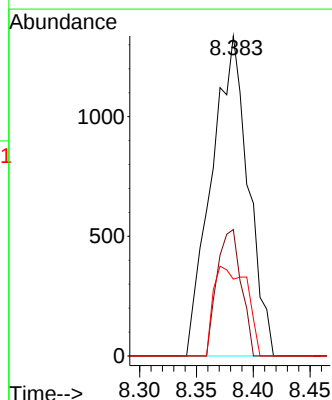
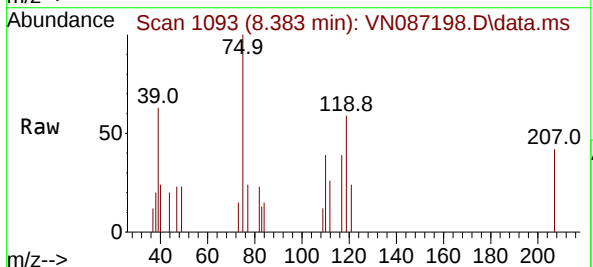
Tgt Ion: 75 Resp: 3006

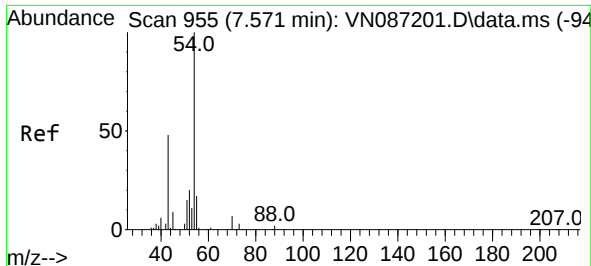
Ion Ratio Lower Upper

75 100

110 25.9 16.9 50.6

77 25.2 24.7 37.1

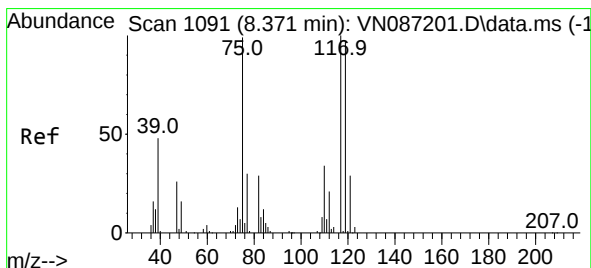
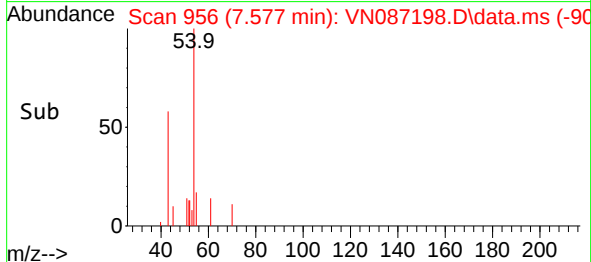
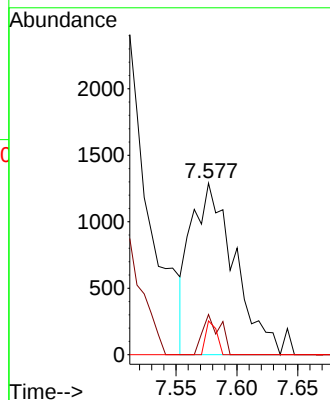
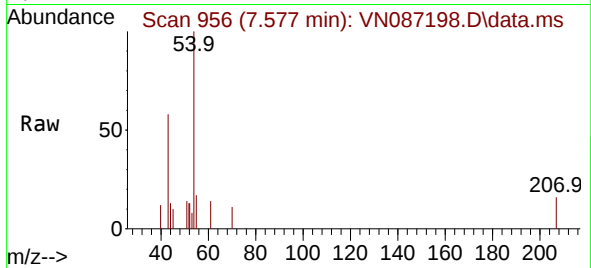




#37
Ethyl Acetate
Concen: Below Cal
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

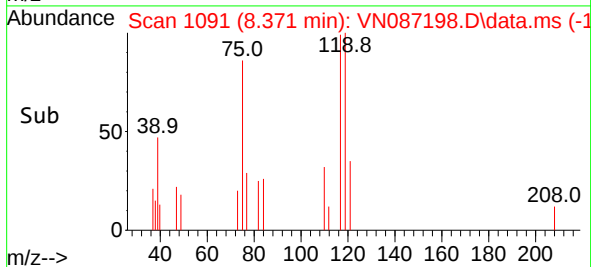
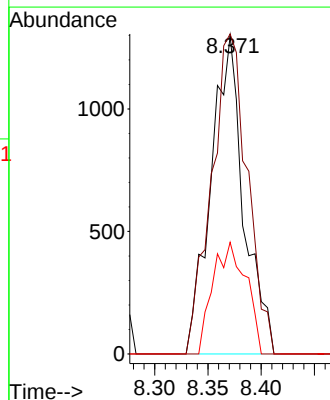
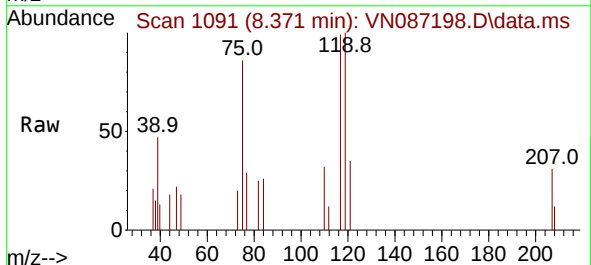
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

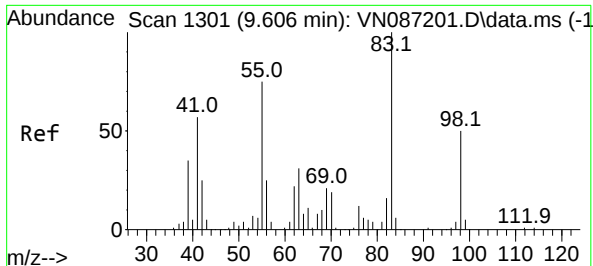
Tgt Ion: 43 Resp: 3206
Ion Ratio Lower Upper
43 100
61 9.5 10.8 16.2#
70 5.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 0.876 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 117 Resp: 2790
Ion Ratio Lower Upper
117 100
119 100.6 77.4 116.0
121 35.1 23.2 34.8#





#39

Methylcyclohexane

Concen: 0.850 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

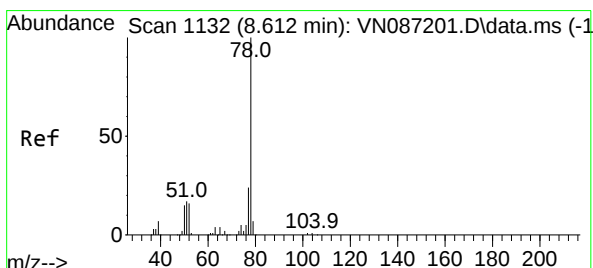
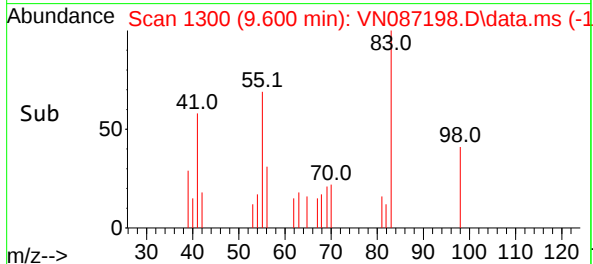
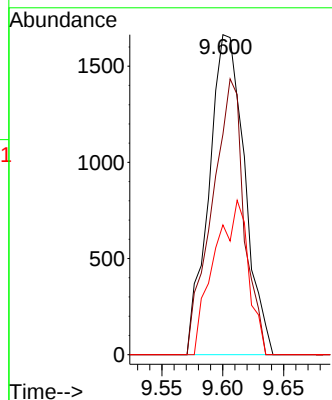
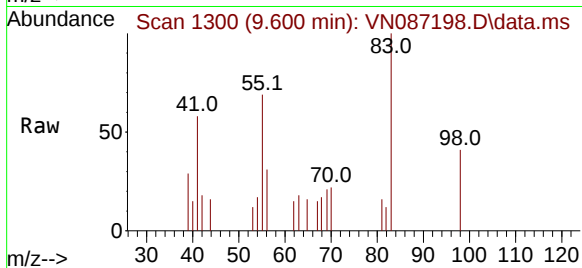
Tgt Ion: 83 Resp: 3393

Ion Ratio Lower Upper

83 100

55 68.9 59.8 89.8

98 40.6 39.8 59.8



#40

Benzene

Concen: 0.952 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087198.D

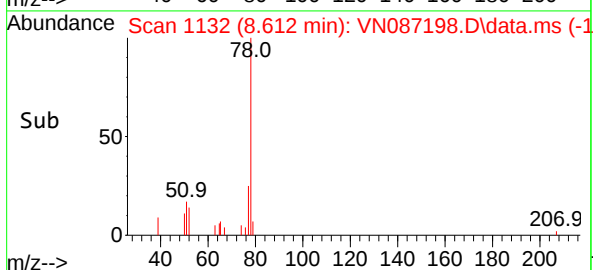
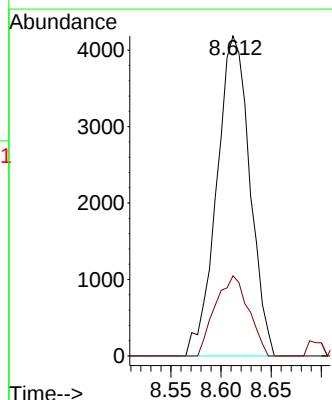
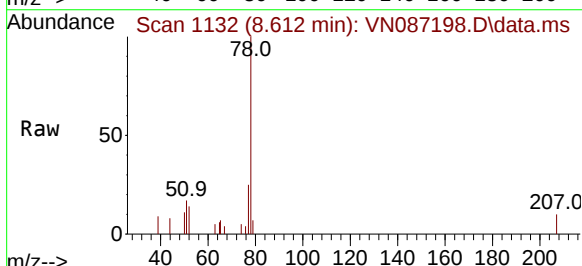
Acq: 26 Jun 2025 16:34

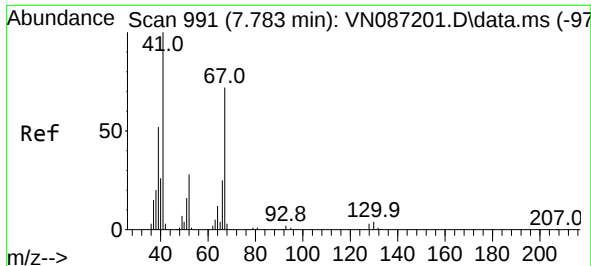
Tgt Ion: 78 Resp: 9622

Ion Ratio Lower Upper

78 100

77 25.0 19.0 28.6

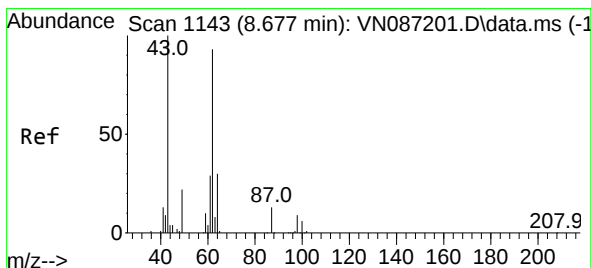
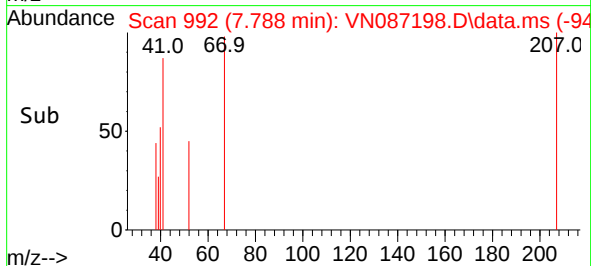
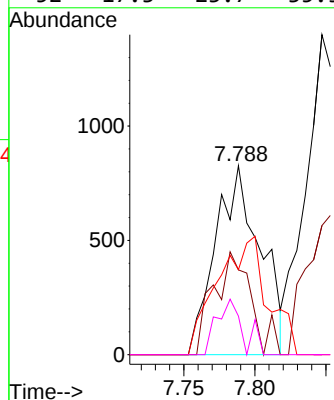
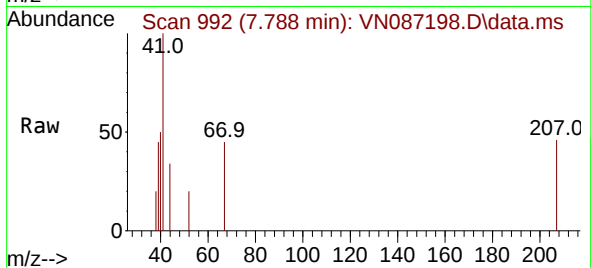




#41
Methacrylonitrile
Concen: 0.847 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

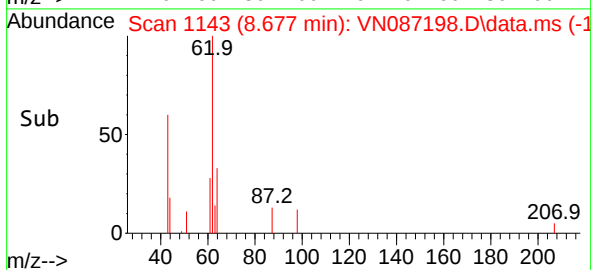
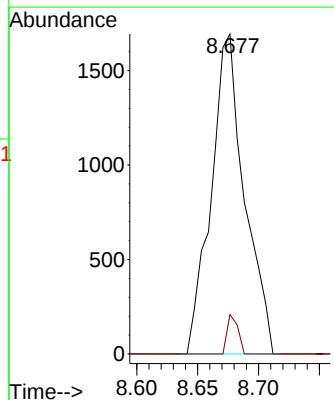
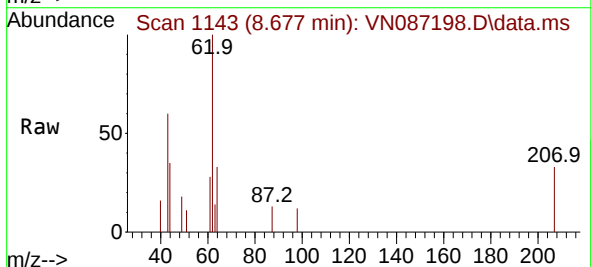
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

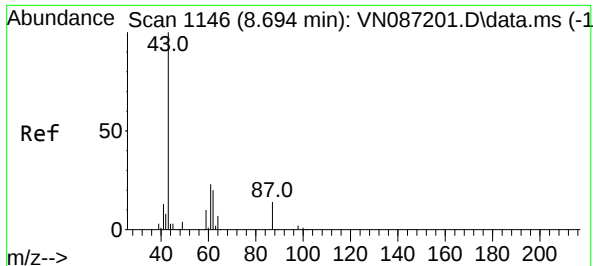
Tgt Ion:	41	Resp:	1812
Ion	Ratio	Lower	Upper
41	100		
39	45.6	41.3	61.9
67	70.3	60.2	90.2
52	17.3	23.7	35.5



#42
1,2-Dichloroethane
Concen: 0.983 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:	62	Resp:	3230
Ion	Ratio	Lower	Upper
62	100		
98	4.0	0.0	18.4

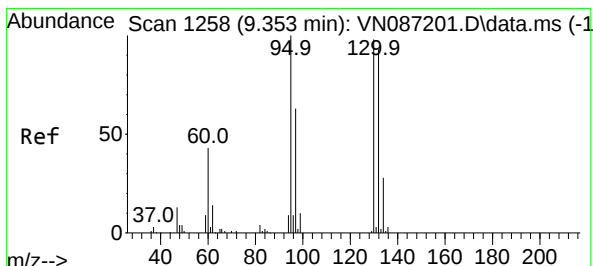
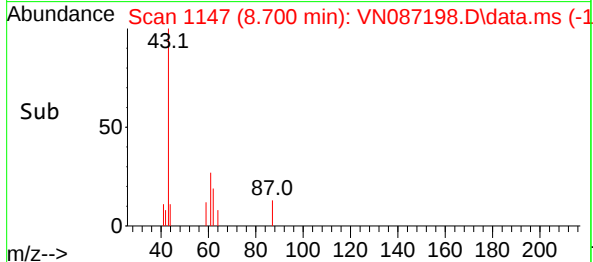
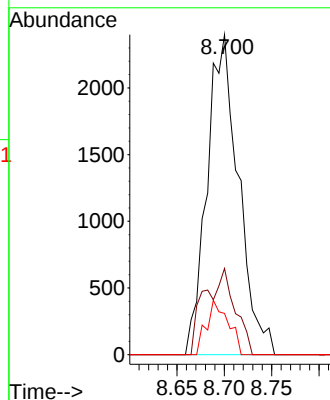
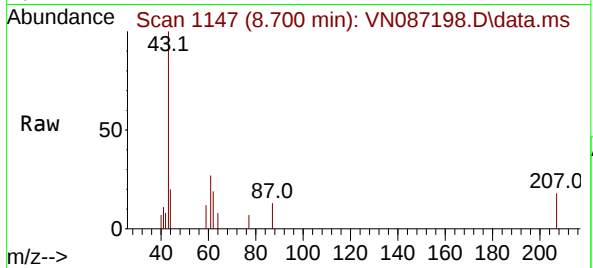




#43
Isopropyl Acetate
Concen: 0.922 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

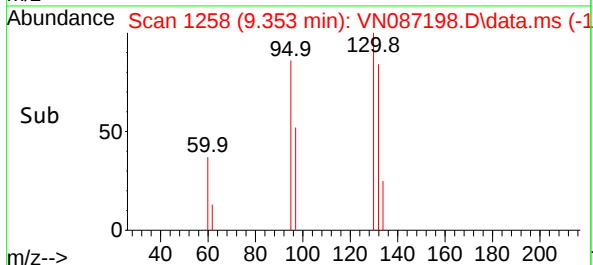
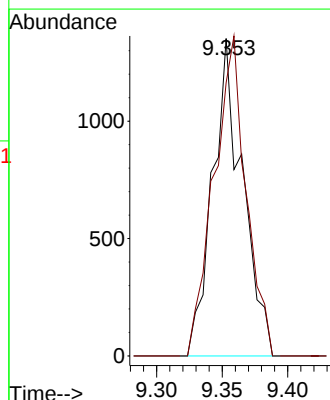
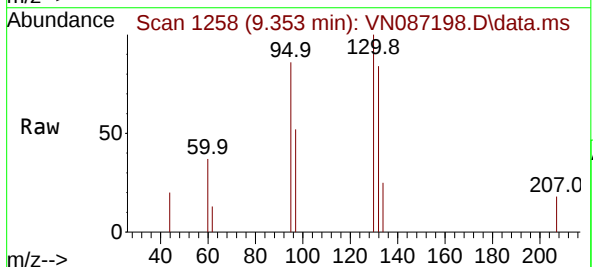
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

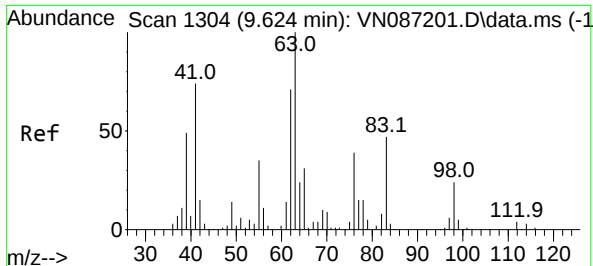
Tgt Ion:	43	Resp:	5541
Ion	Ratio	Lower	Upper
43	100		
61	26.1	21.0	31.6
87	11.7	11.0	16.6



#44
Trichloroethene
Concen: 0.888 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:	130	Resp:	2148
Ion	Ratio	Lower	Upper
130	100		
95	86.0	0.0	204.6





#45

1,2-Dichloropropane

Concen: 0.846 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

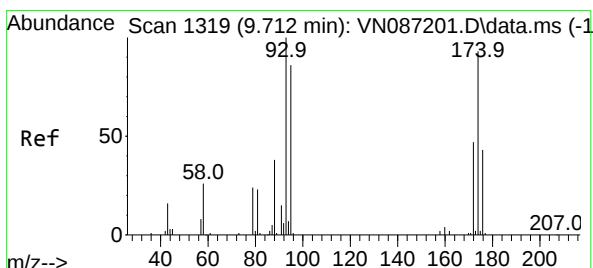
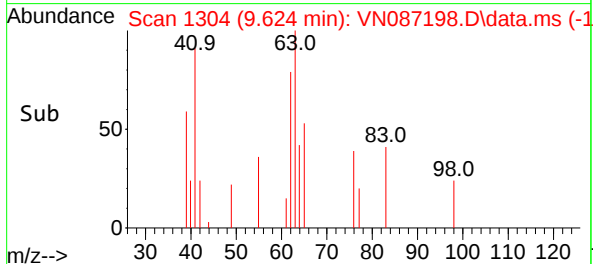
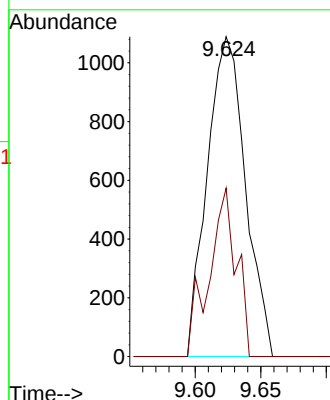
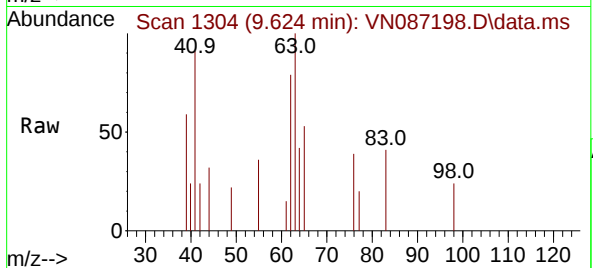
VSTDIC001

Tgt Ion: 63 Resp: 2204

Ion Ratio Lower Upper

63 100

65 52.6 24.7 37.1#



#46

Dibromomethane

Concen: 0.859 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

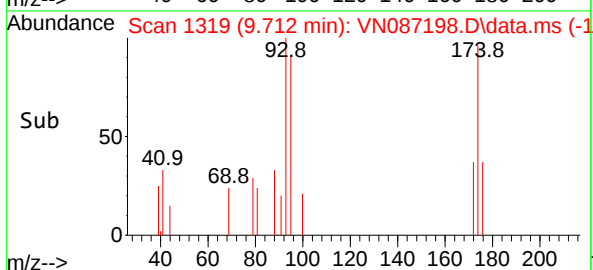
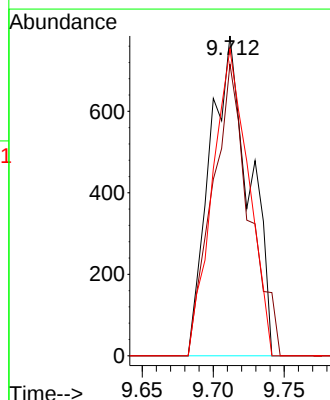
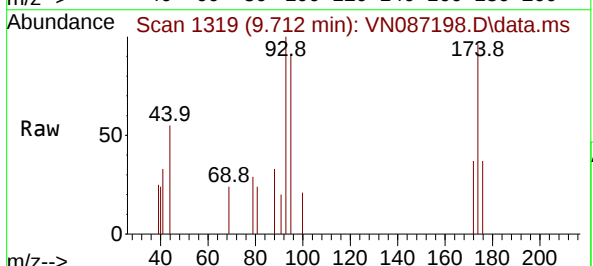
Tgt Ion: 93 Resp: 1516

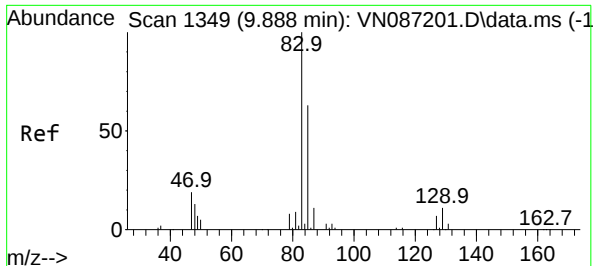
Ion Ratio Lower Upper

93 100

95 84.9 67.4 101.2

174 87.9 72.3 108.5

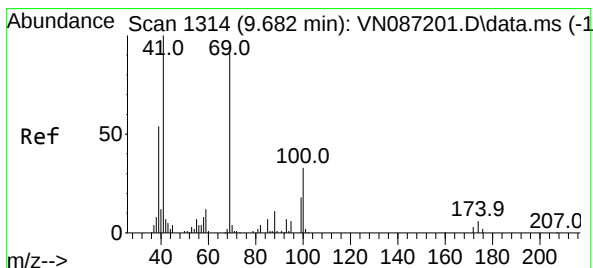
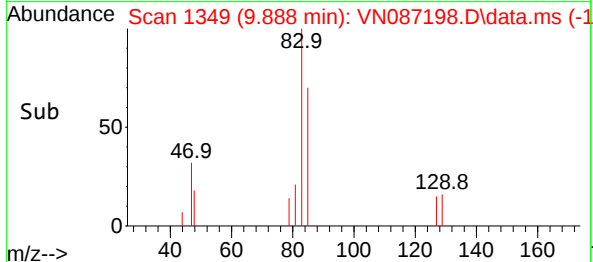
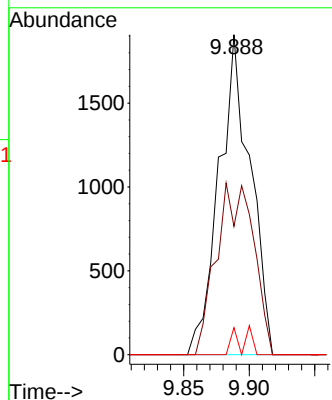
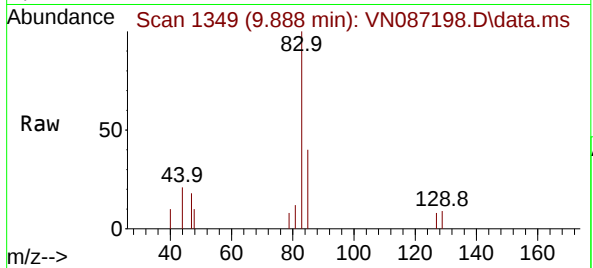




#47
Bromodichloromethane
Concen: 0.892 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

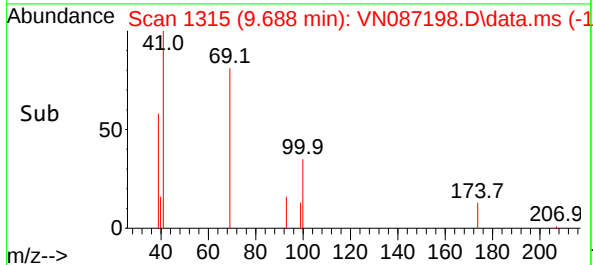
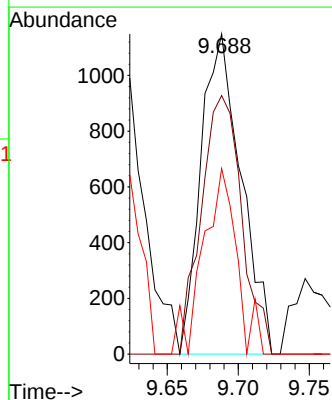
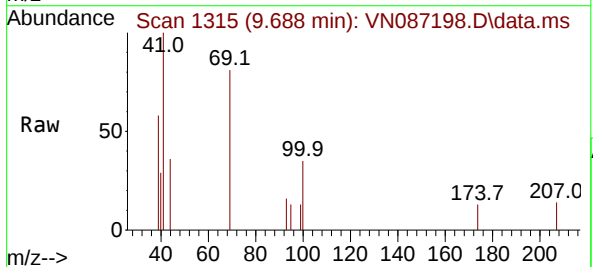
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

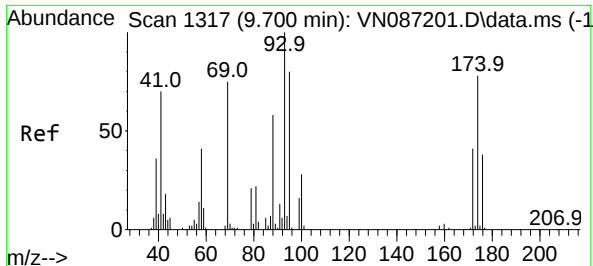
Tgt Ion: 83 Resp: 3163
Ion Ratio Lower Upper
83 100
85 40.1 50.0 75.0#
127 8.4 6.0 9.0



#48
Methyl methacrylate
Concen: 0.778 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 41 Resp: 2263
Ion Ratio Lower Upper
41 100
69 81.3 69.9 104.9
39 48.3 43.8 65.6





#49

1,4-Dioxane

Concen: 26.613 ug/l

RT: 9.712 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

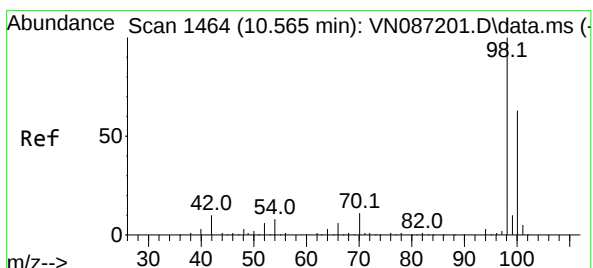
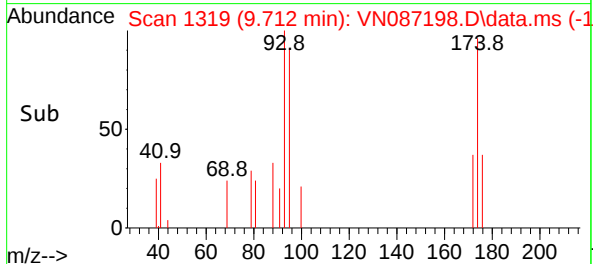
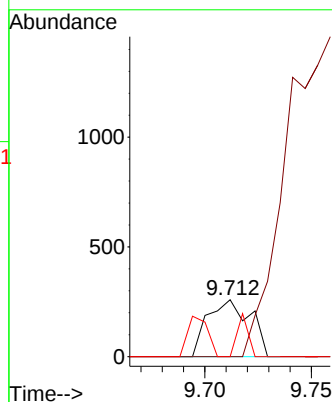
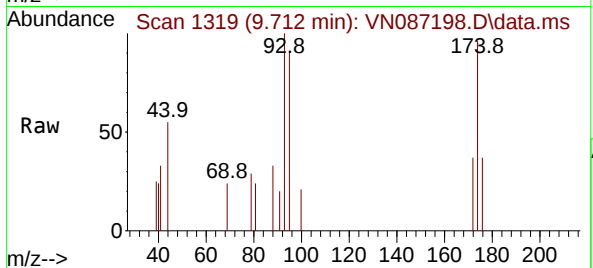
Tgt Ion: 88 Resp: 362

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 19.1 59.2 88.8#



#50

Toluene-d8

Concen: 0.893 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087198.D

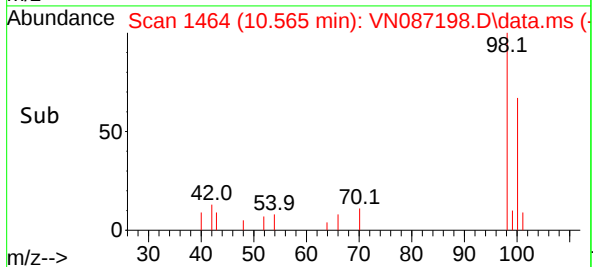
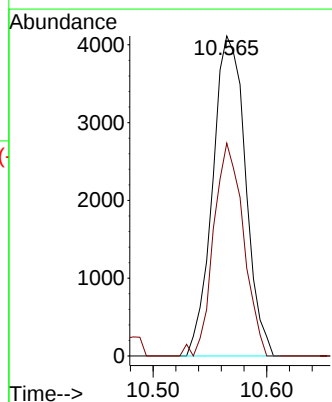
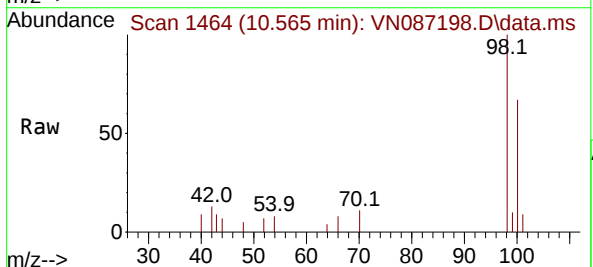
Acq: 26 Jun 2025 16:34

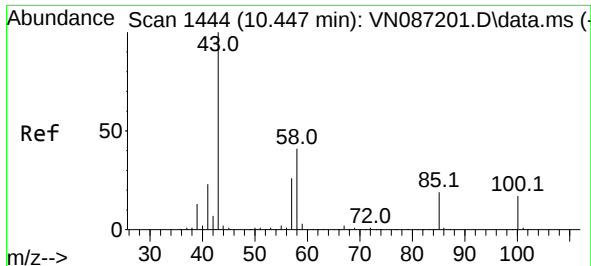
Tgt Ion: 98 Resp: 8250

Ion Ratio Lower Upper

98 100

100 60.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.641 ug/l

RT: 10.453 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

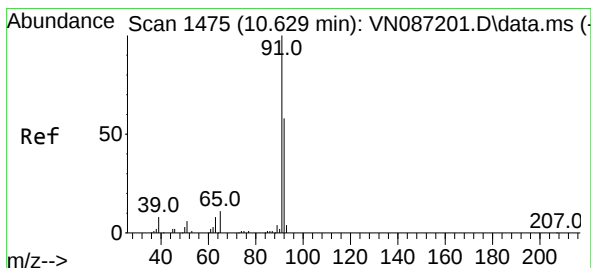
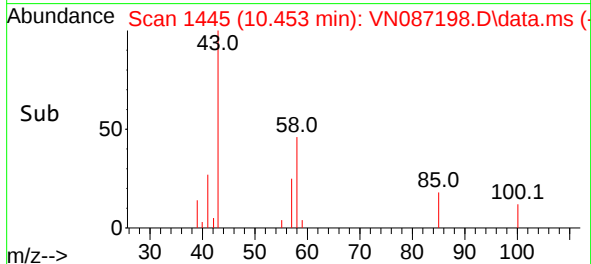
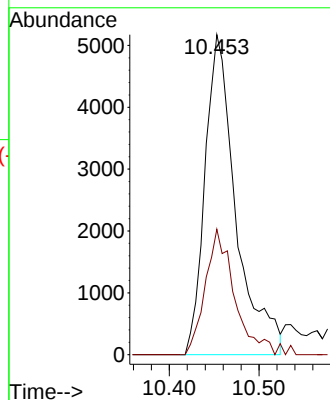
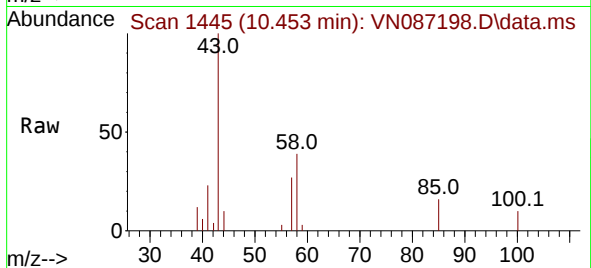
VSTDIC001

Tgt Ion: 43 Resp: 12393

Ion Ratio Lower Upper

43 100

58 36.7 32.6 48.8



#52

Toluene

Concen: 0.811 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN087198.D

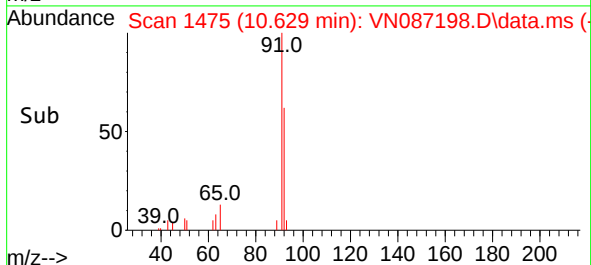
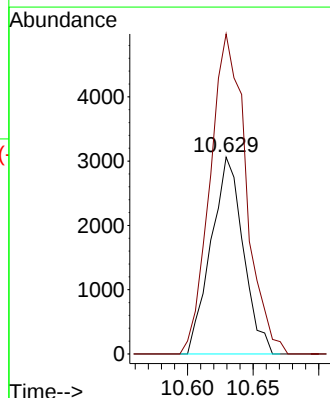
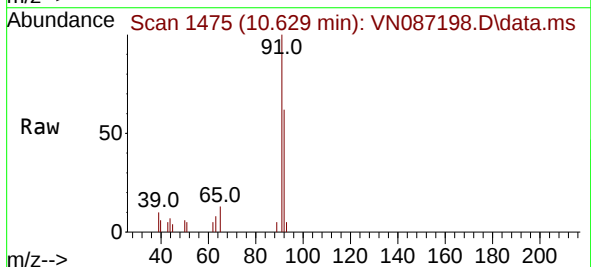
Acq: 26 Jun 2025 16:34

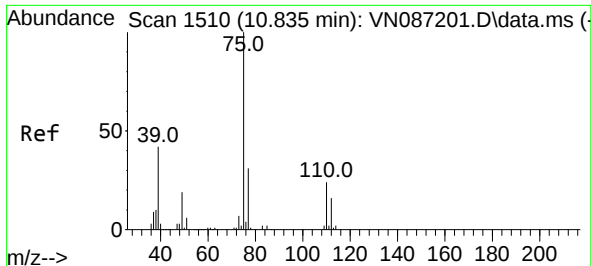
Tgt Ion: 92 Resp: 5236

Ion Ratio Lower Upper

92 100

91 181.6 138.2 207.2

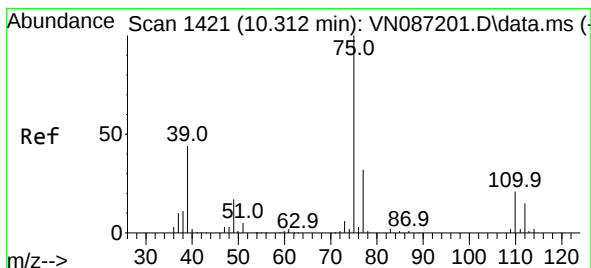
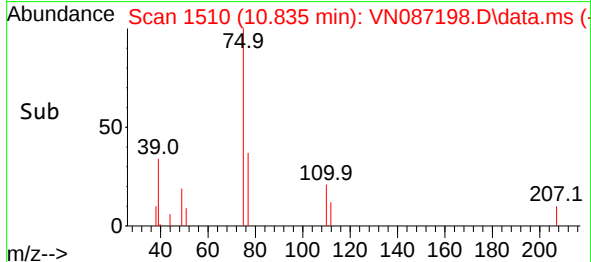
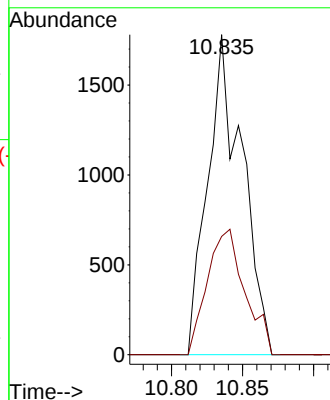
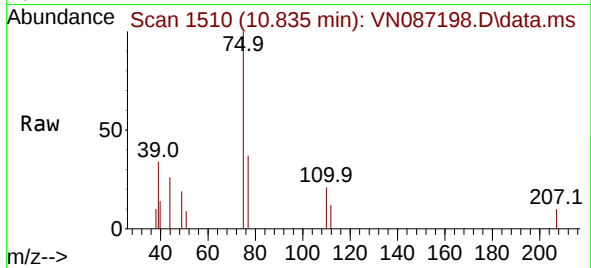




#53
t-1,3-Dichloropropene
Concen: 0.762 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

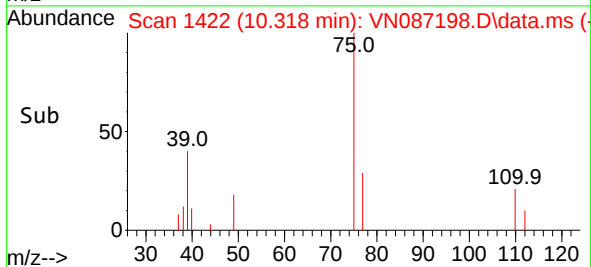
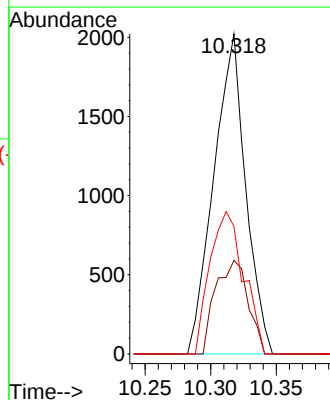
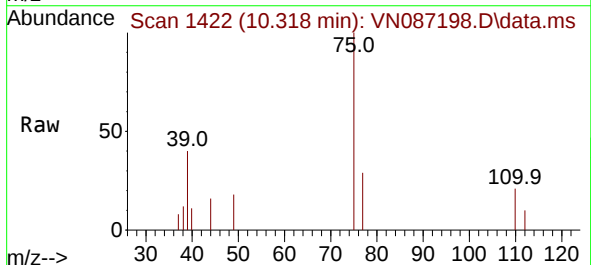
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

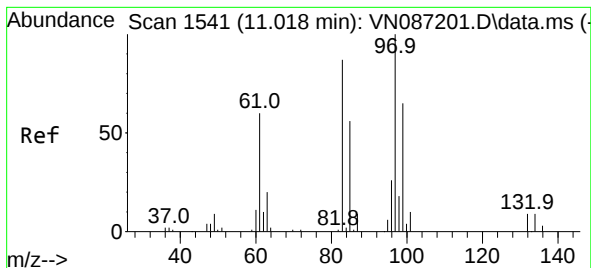
Tgt Ion: 75 Resp: 3011
Ion Ratio Lower Upper
75 100
77 37.0 24.6 37.0#



#54
cis-1,3-Dichloropropene
Concen: 0.811 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 75 Resp: 3410
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.2
39 39.9 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 0.839 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2049

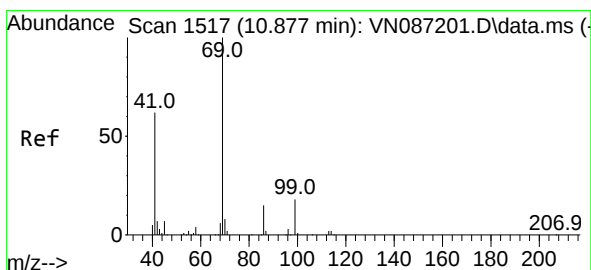
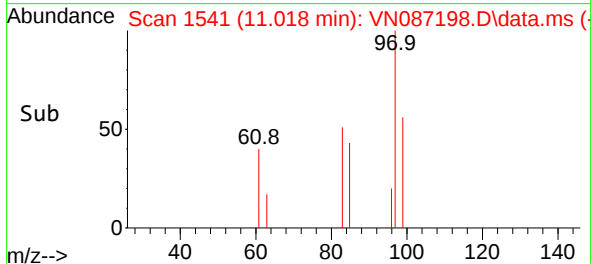
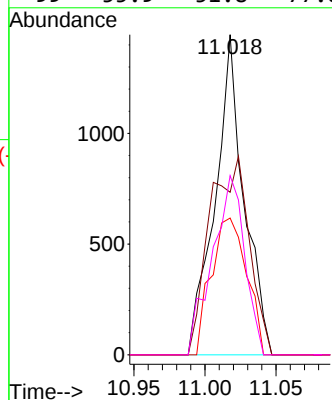
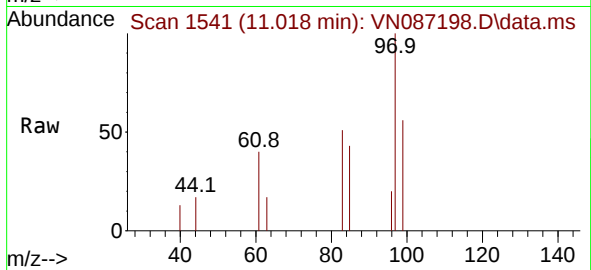
Ion Ratio Lower Upper

97 100

83 50.8 69.5 104.3#

85 42.7 44.7 67.1#

99 55.9 51.8 77.8



#56

Ethyl methacrylate

Concen: Below Cal

RT: 10.894 min Scan# 1520

Delta R.T. 0.017 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

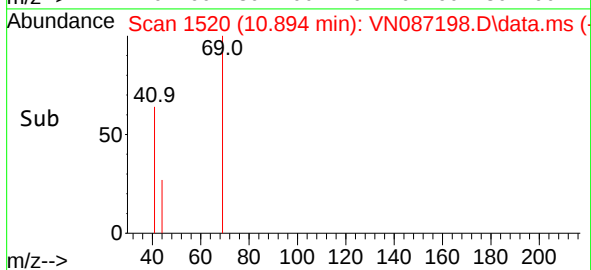
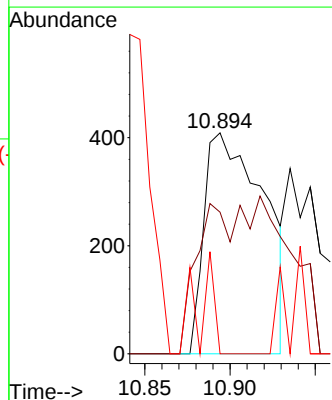
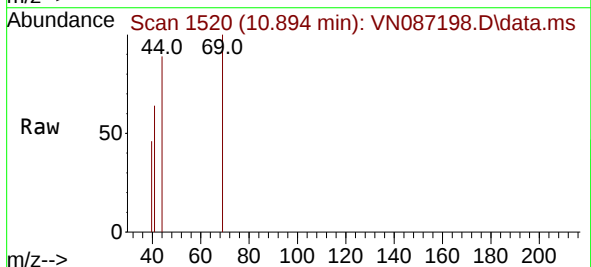
Tgt Ion: 69 Resp: 997

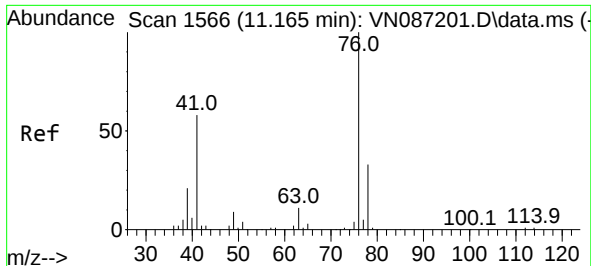
Ion Ratio Lower Upper

69 100

41 38.6 48.4 72.6#

39 5.6 24.1 36.1#





#57

1,3-Dichloropropane

Concen: 0.809 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

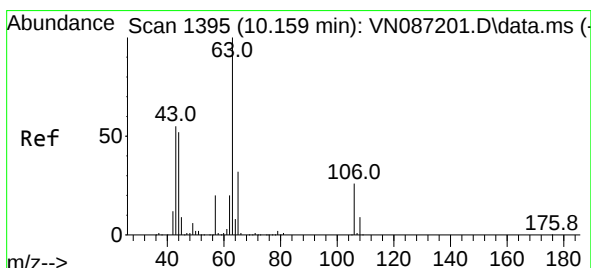
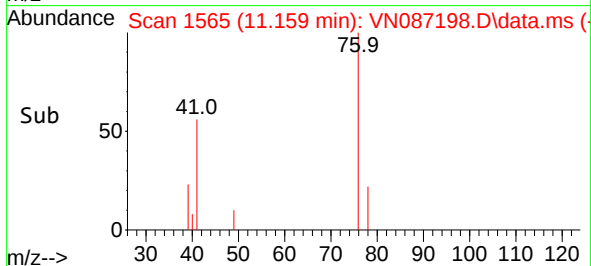
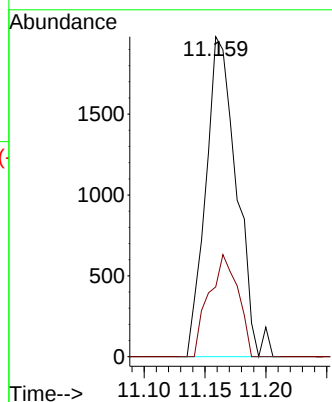
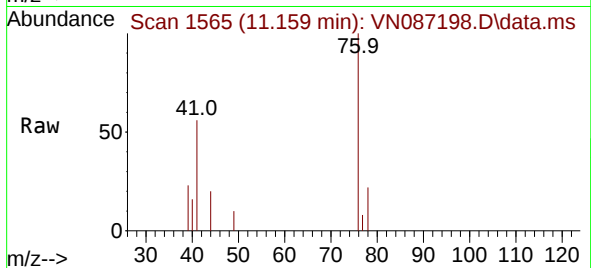
VSTDIC001

Tgt Ion: 76 Resp: 3490

Ion Ratio Lower Upper

76 100

78 30.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087198.D

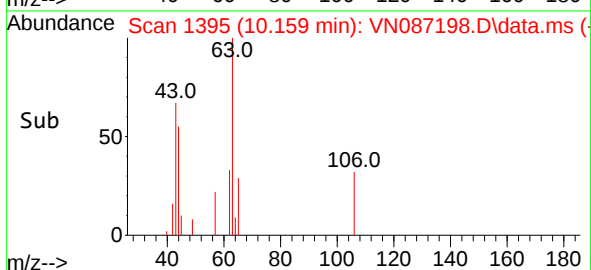
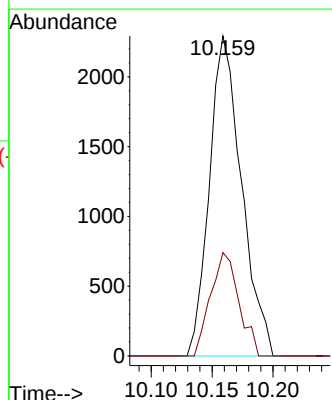
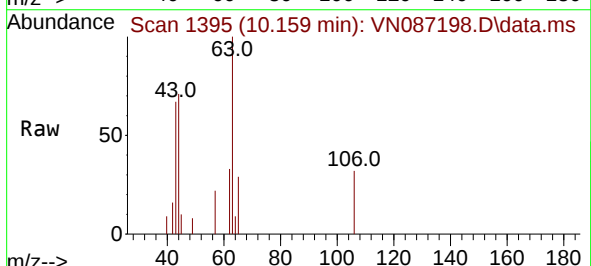
Acq: 26 Jun 2025 16:34

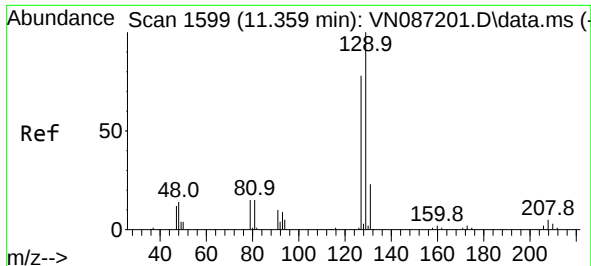
Tgt Ion: 63 Resp: 4204

Ion Ratio Lower Upper

63 100

106 28.4 21.7 32.5

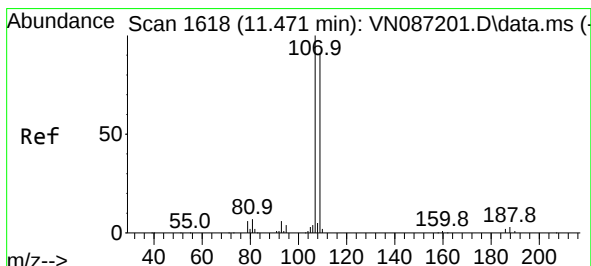
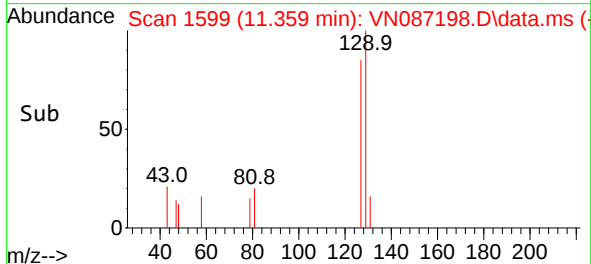
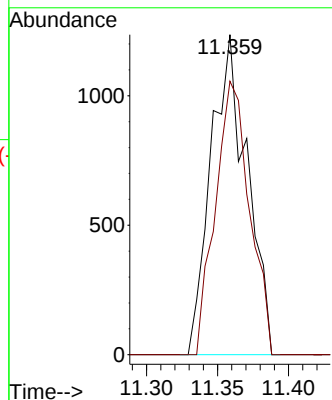
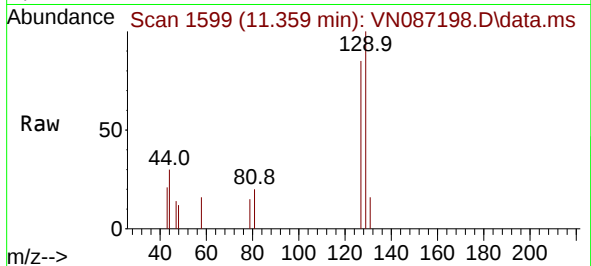




#60
Dibromochloromethane
Concen: 0.822 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

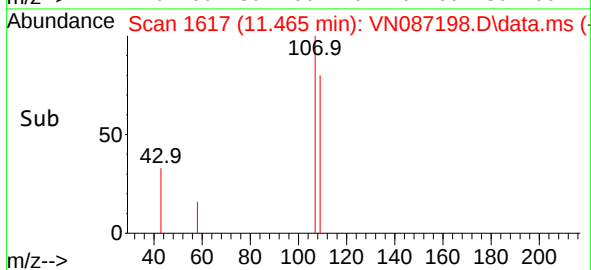
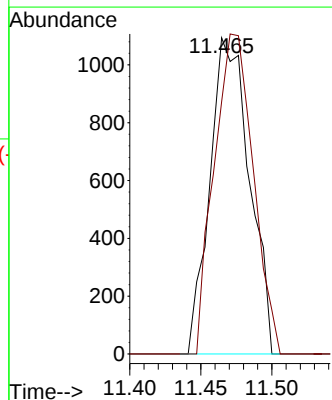
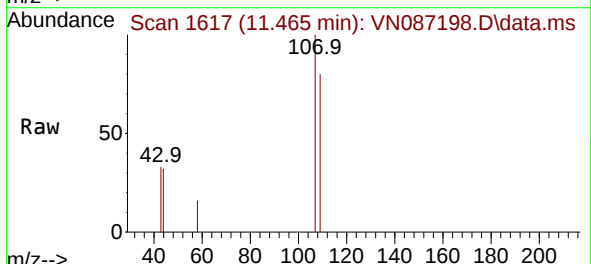
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

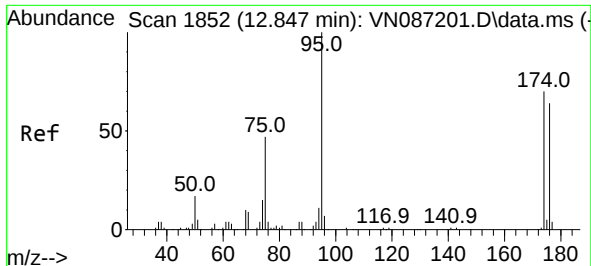
Tgt Ion:129 Resp: 2184
Ion Ratio Lower Upper
129 100
127 81.0 38.9 116.6



#61
1,2-Dibromoethane
Concen: 0.820 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:107 Resp: 2119
Ion Ratio Lower Upper
107 100
109 100.0 74.4 111.6

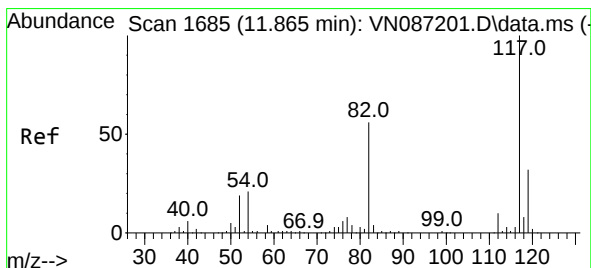
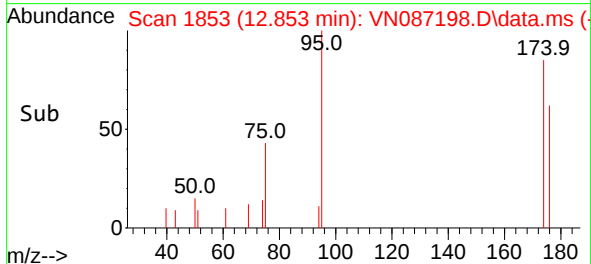
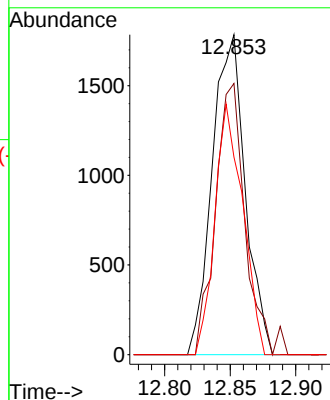
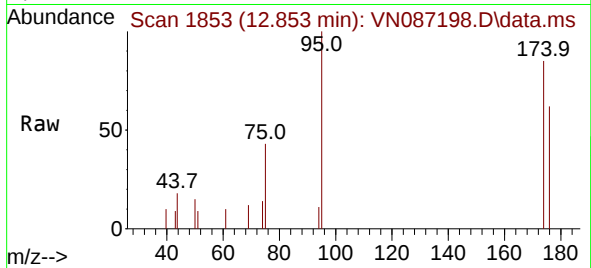




#62
4-Bromofluorobenzene
Concen: 0.974 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

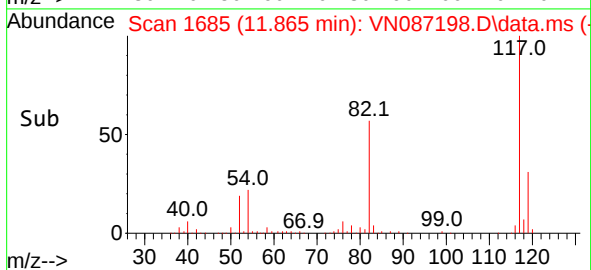
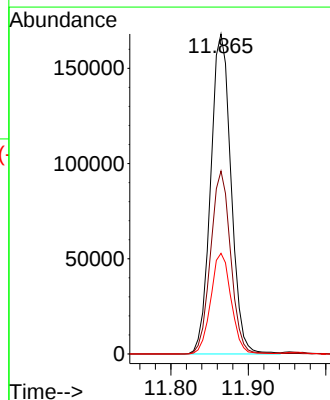
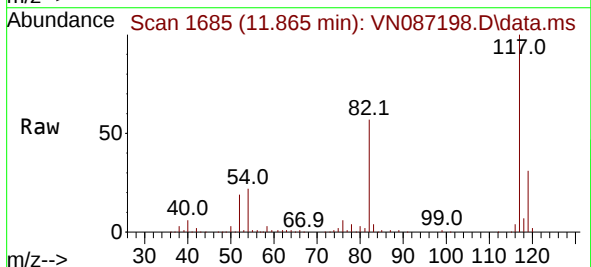
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

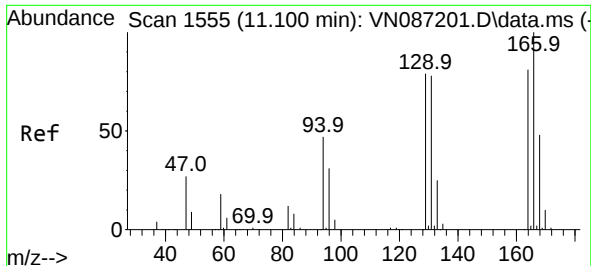
Tgt Ion: 95 Resp: 3122
Ion Ratio Lower Upper
95 100
174 76.7 0.0 142.2
176 66.3 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 117 Resp: 306661
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 31.4 25.9 38.9

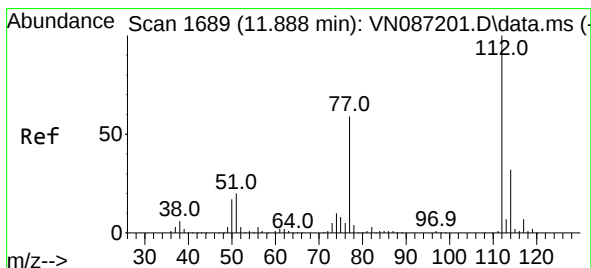
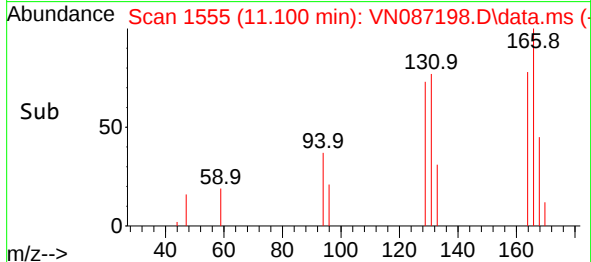
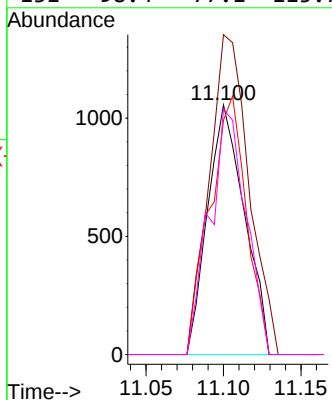
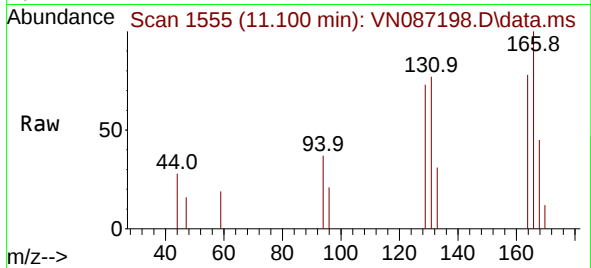




#64
Tetrachloroethene
Concen: 0.929 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

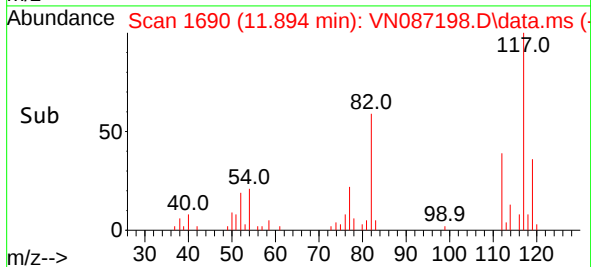
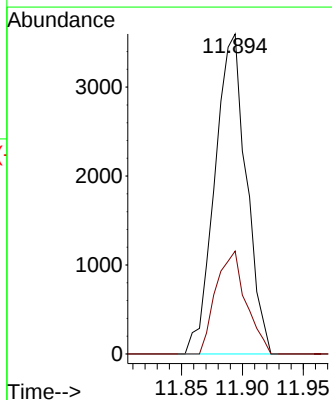
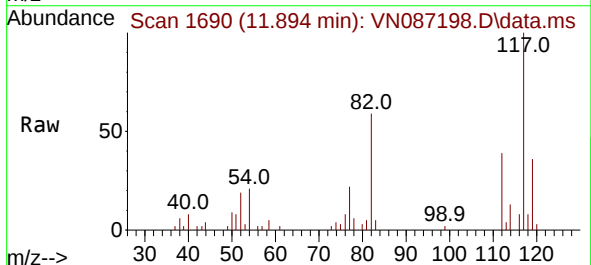
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

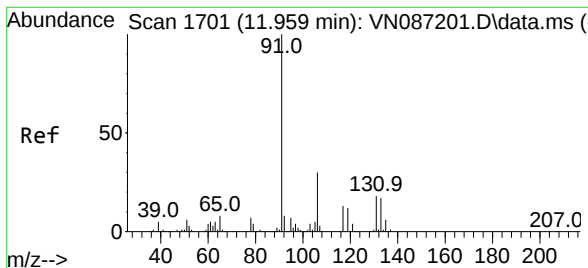
Tgt Ion:164 Resp: 1743
Ion Ratio Lower Upper
164 100
166 128.1 98.8 148.2
129 93.8 78.3 117.5
131 98.4 77.1 115.7



#65
Chlorobenzene
Concen: 0.953 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:112 Resp: 6480
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

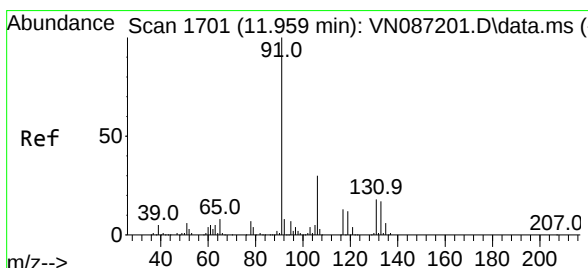
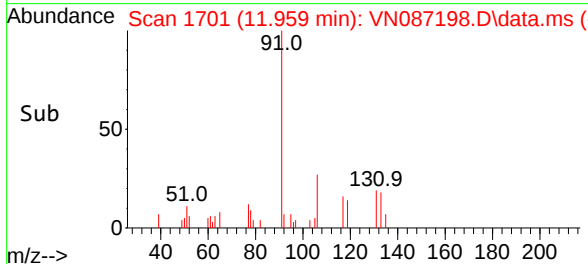
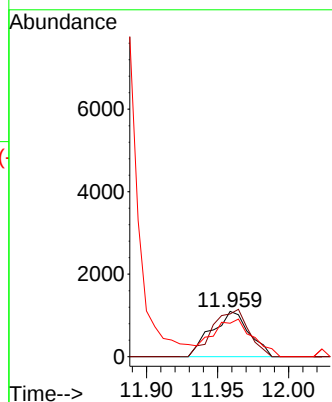
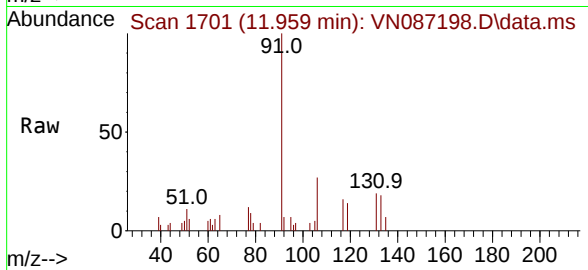




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.926 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

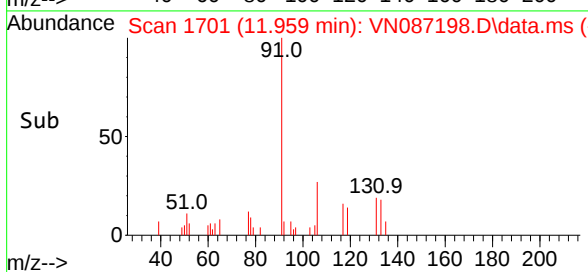
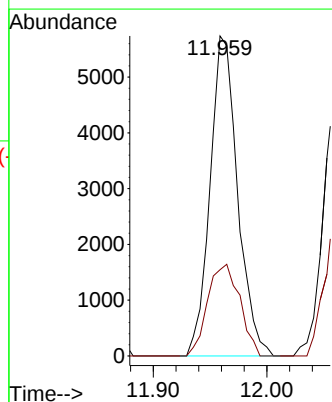
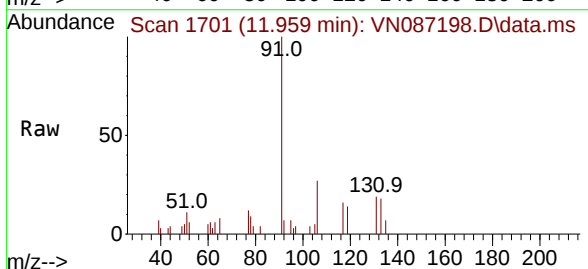
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

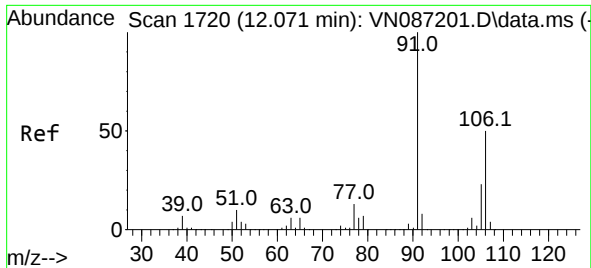
Tgt Ion:131 Resp: 2011
 Ion Ratio Lower Upper
 131 100
 133 100.9 47.9 143.6
 119 0.0 34.6 103.9#



#67
 Ethyl Benzene
 Concen: 0.853 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

Tgt Ion: 91 Resp: 9674
 Ion Ratio Lower Upper
 91 100
 106 26.9 24.2 36.2

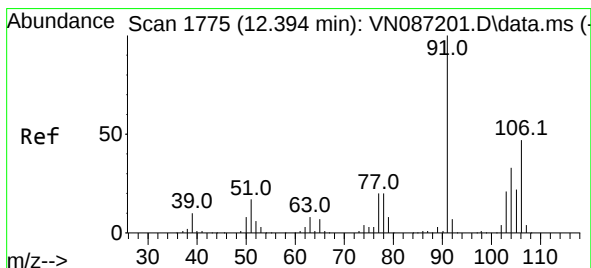
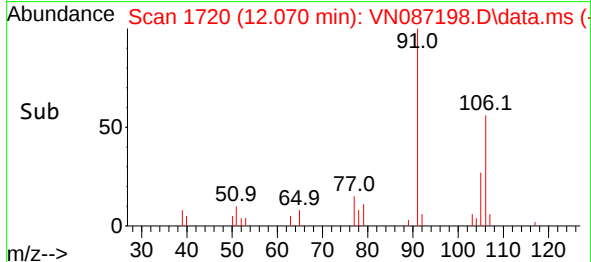
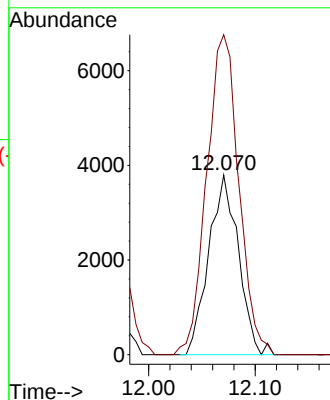
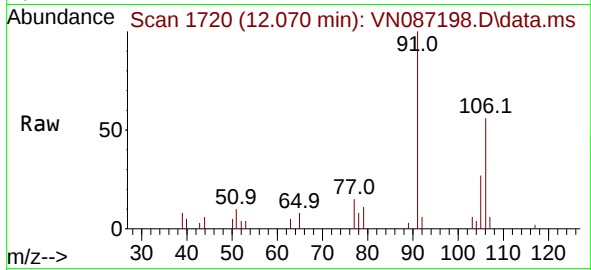




#68
m/p-Xylenes
Concen: 1.695 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

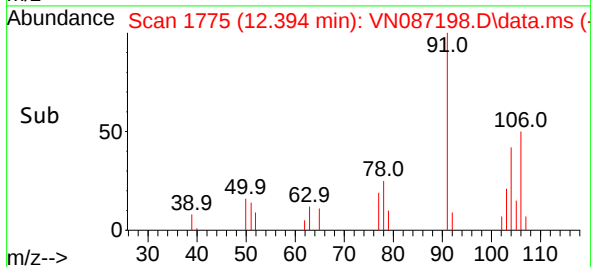
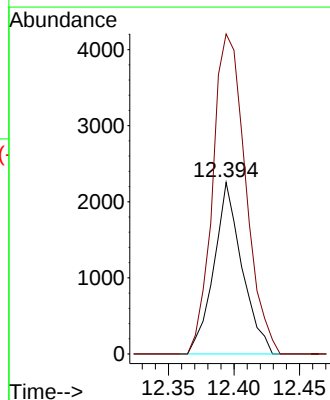
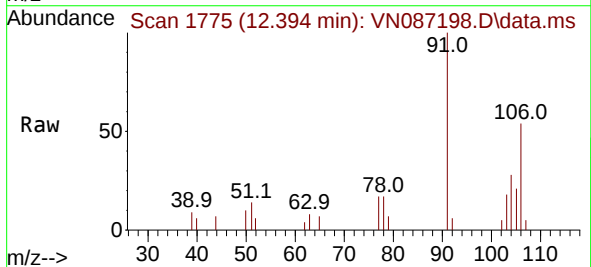
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

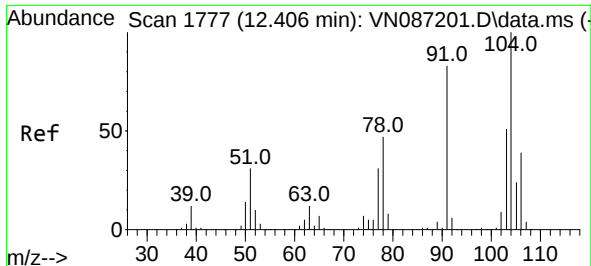
Tgt Ion:106 Resp: 7356
Ion Ratio Lower Upper
106 100
91 192.3 161.0 241.6



#69
o-Xylene
Concen: 0.853 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:106 Resp: 3367
Ion Ratio Lower Upper
106 100
91 217.8 106.7 320.1

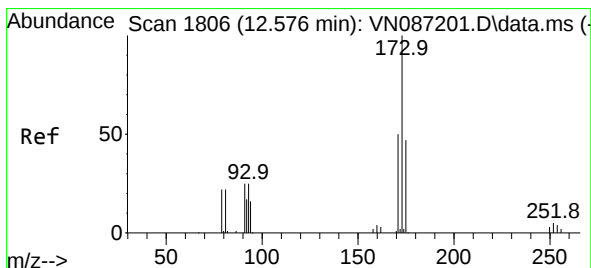
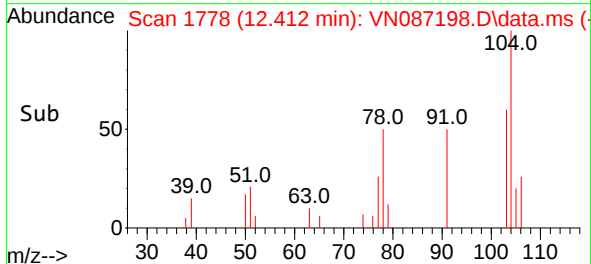
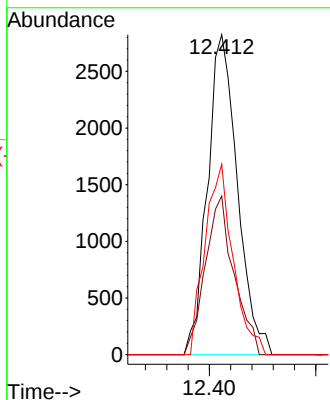
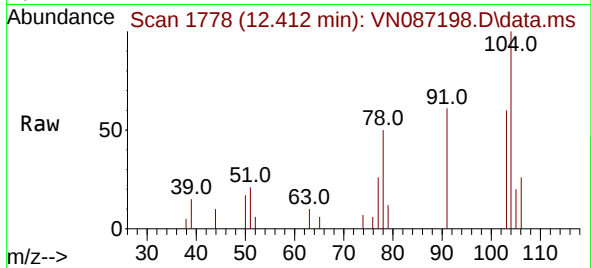




#70
Styrene
Concen: 0.814 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

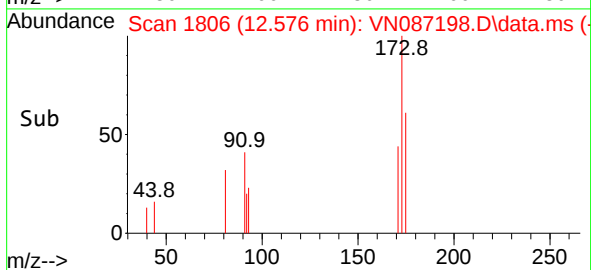
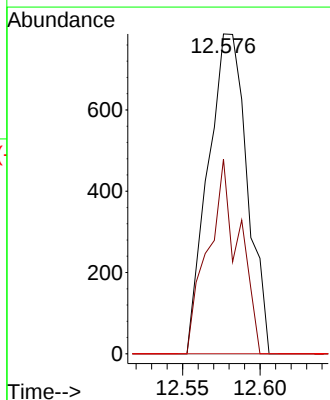
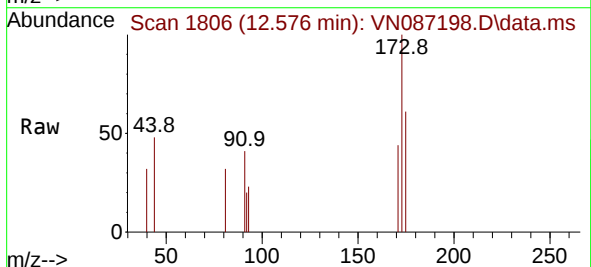
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

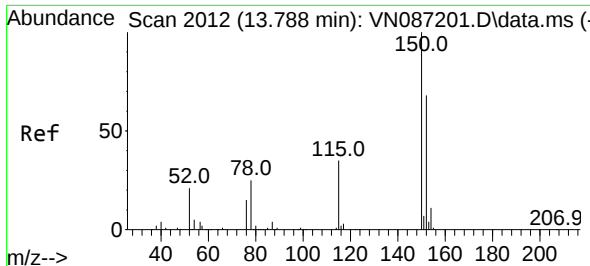
Tgt Ion:	104	Resp:	5512
Ion Ratio	Lower	Upper	
104	100		
78	47.6	39.3	58.9
103	55.9	43.8	65.6



#71
Bromoform
Concen: 0.856 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:	173	Resp:	1381
Ion Ratio	Lower	Upper	
173	100		
175	48.4	23.8	71.2
254	0.0	0.0	0.0

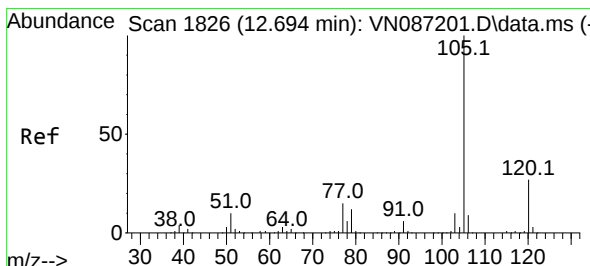
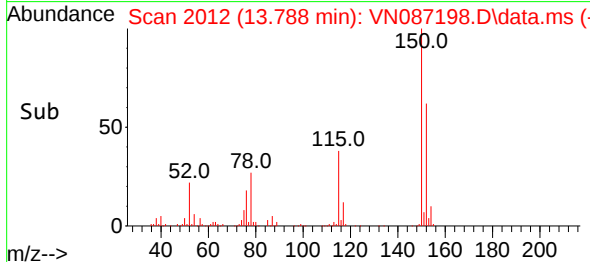
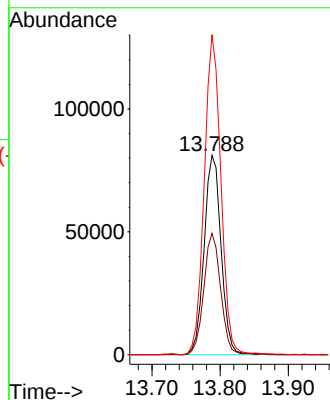
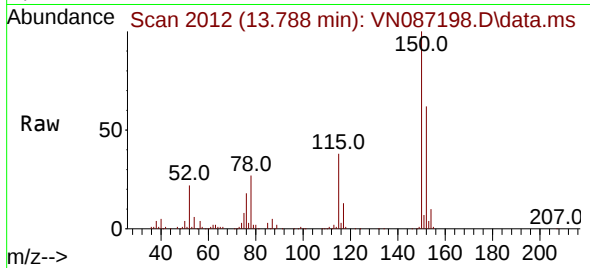




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

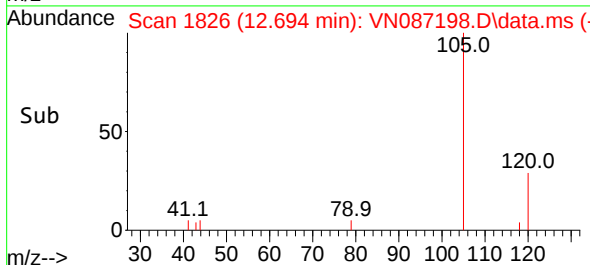
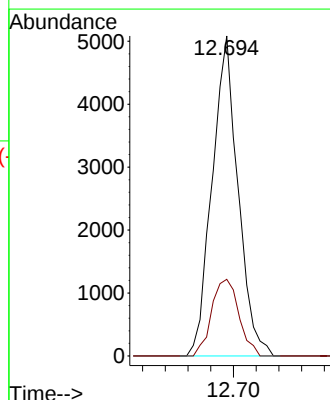
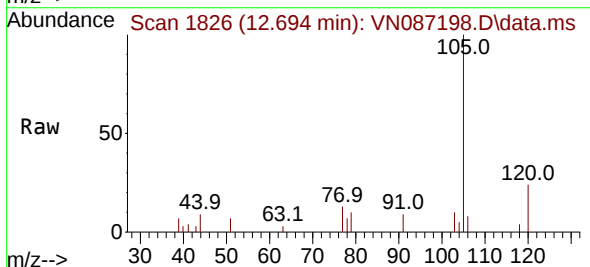
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

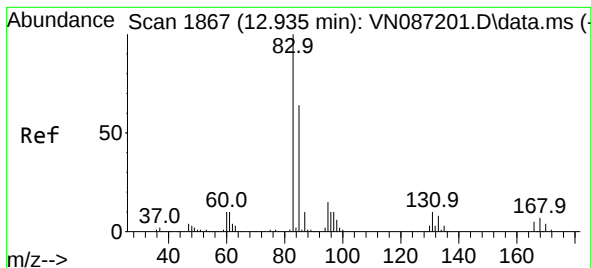
Tgt Ion:152 Resp: 140136
Ion Ratio Lower Upper
152 100
115 60.5 30.6 91.8
150 158.2 0.0 347.8



#73
Isopropylbenzene
Concen: 0.849 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:105 Resp: 8055
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.2

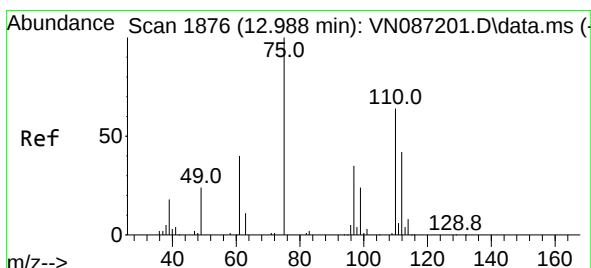
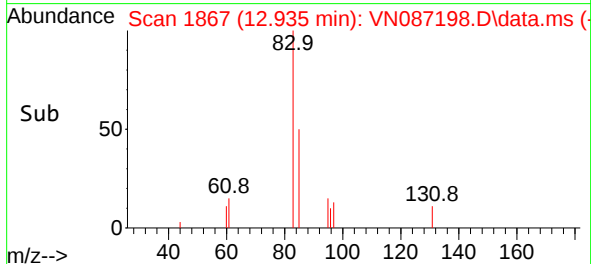
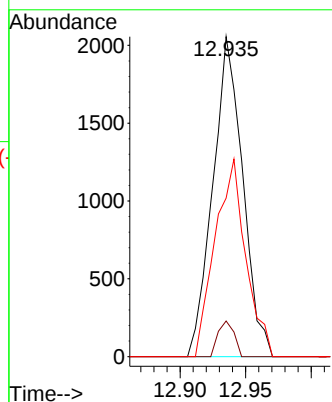
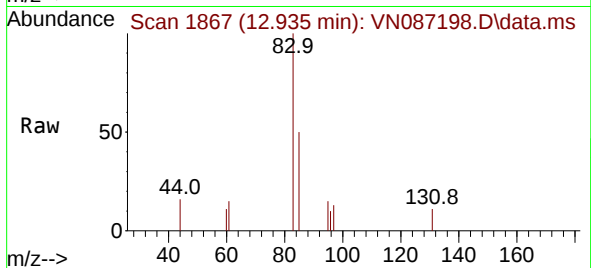




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.954 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

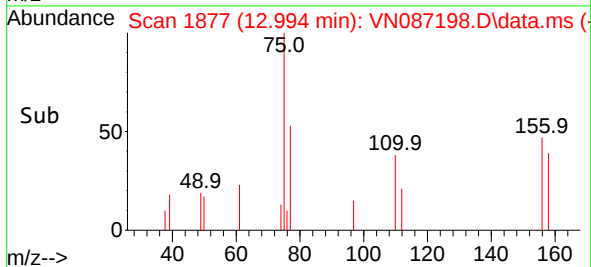
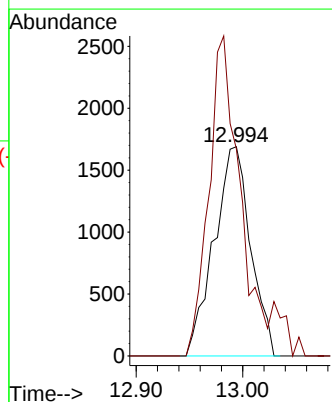
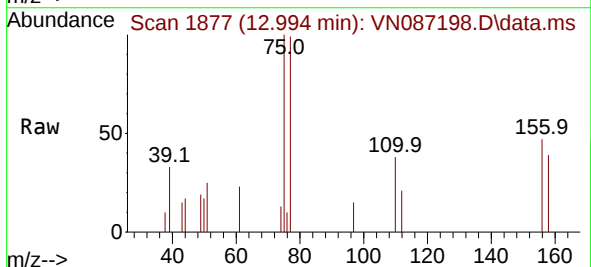
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

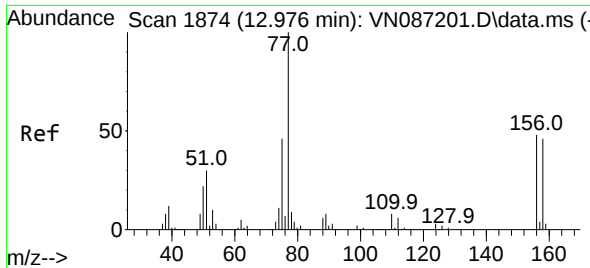
Tgt Ion: 83 Resp: 3260
 Ion Ratio Lower Upper
 83 100
 131 6.0 4.8 14.4
 85 63.4 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 1.219 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

Tgt Ion: 75 Resp: 4020
 Ion Ratio Lower Upper
 75 100
 77 129.2 85.5 256.6

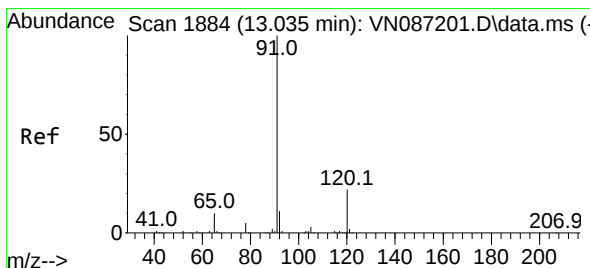
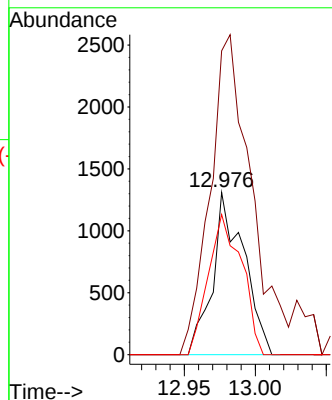
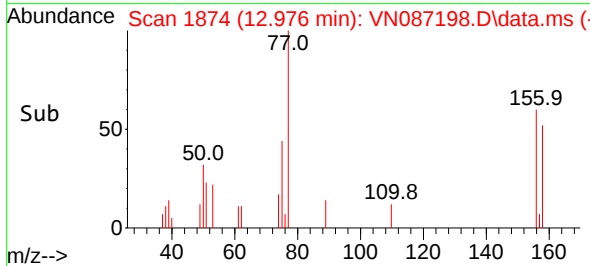
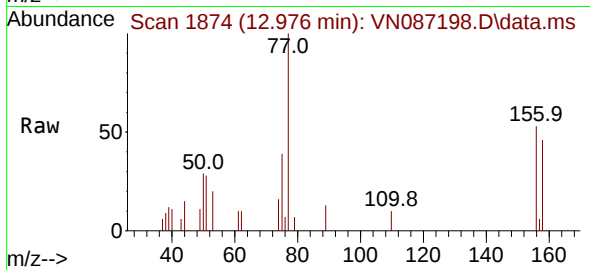




#77
Bromobenzene
Concen: 0.867 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

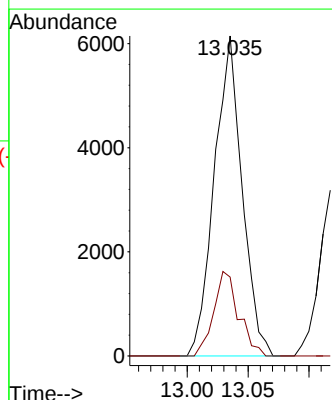
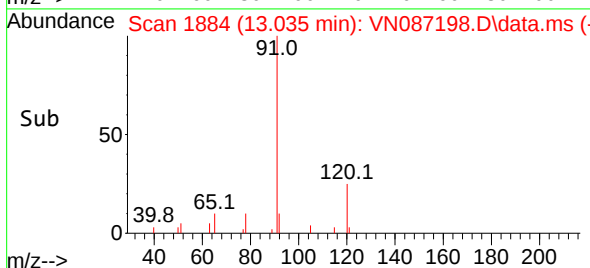
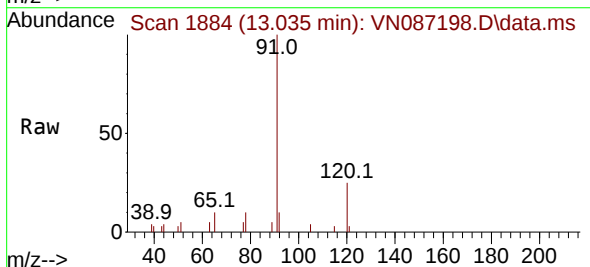
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

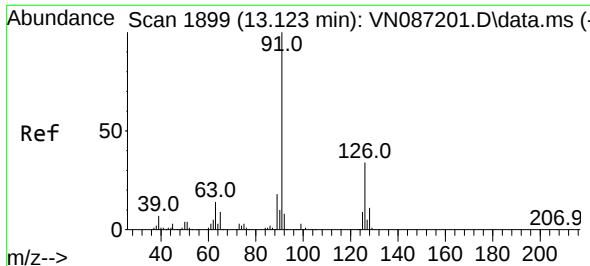
Tgt Ion:156 Resp: 1999
Ion Ratio Lower Upper
156 100
77 259.9 119.6 358.9
158 92.4 48.6 145.9



#78
n-propylbenzene
Concen: 0.834 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 91 Resp: 9748
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4

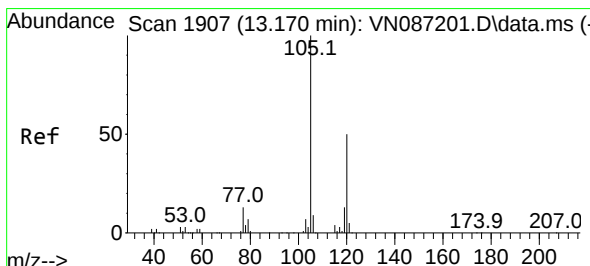
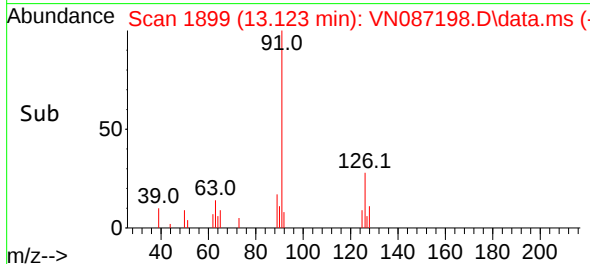
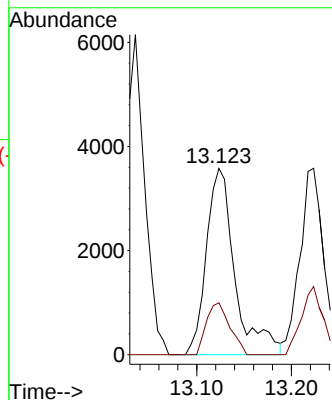
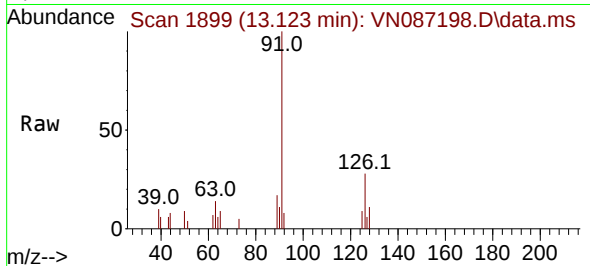




#79
2-Chlorotoluene
Concen: 1.031 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

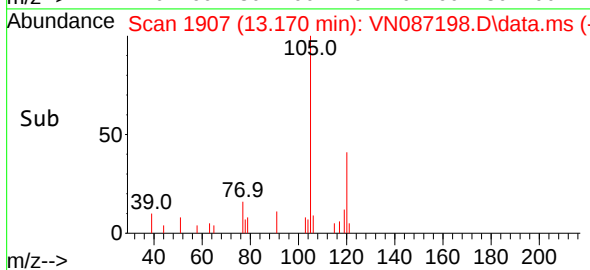
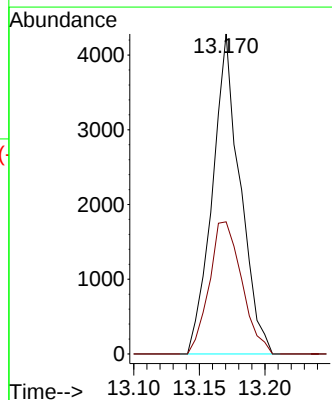
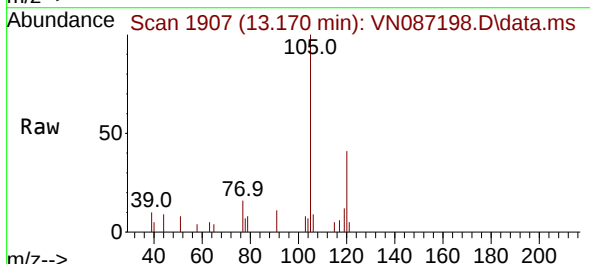
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

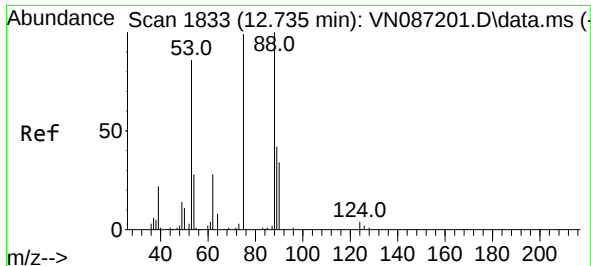
Tgt Ion: 91 Resp: 7500
Ion Ratio Lower Upper
91 100
126 22.8 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 0.803 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 105 Resp: 6290
Ion Ratio Lower Upper
105 100
120 48.5 25.1 75.3

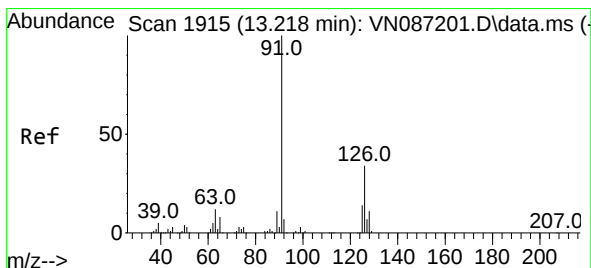
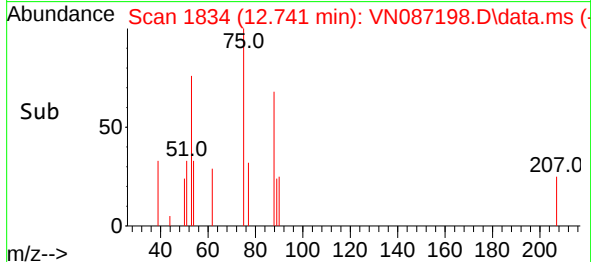
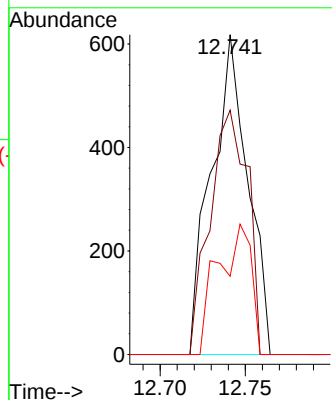
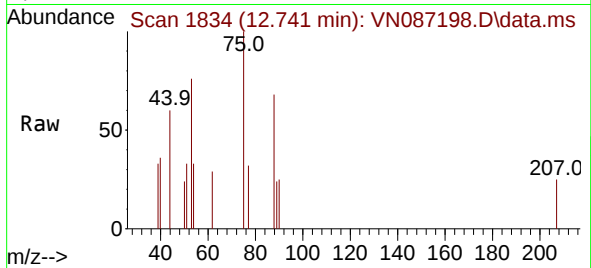




#81
trans-1,4-Dichloro-2-butene
Concen: 0.660 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

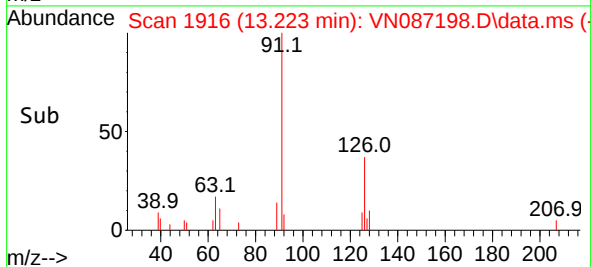
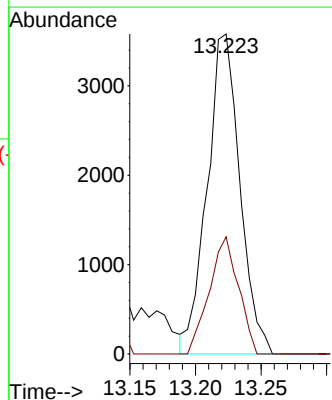
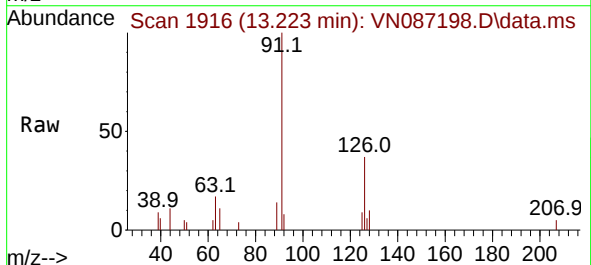
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

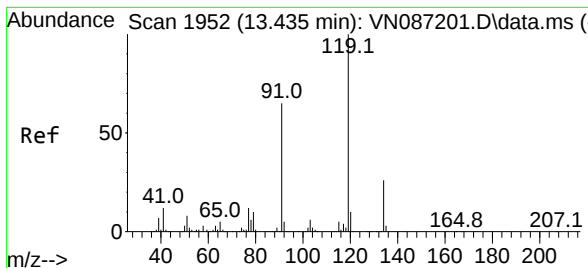
Tgt Ion: 75 Resp: 919
Ion Ratio Lower Upper
75 100
53 79.2 71.4 107.0
89 37.3 37.9 56.9#



#82
4-Chlorotoluene
Concen: 0.856 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 91 Resp: 6204
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.1





#83

tert-Butylbenzene

Concen: 0.797 ug/l

RT: 13.429 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

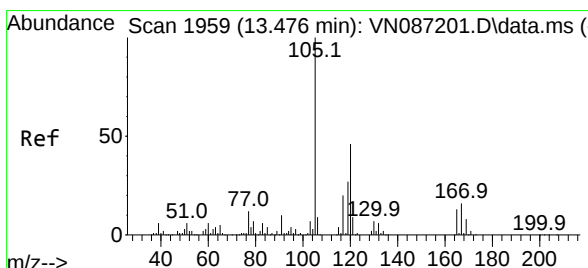
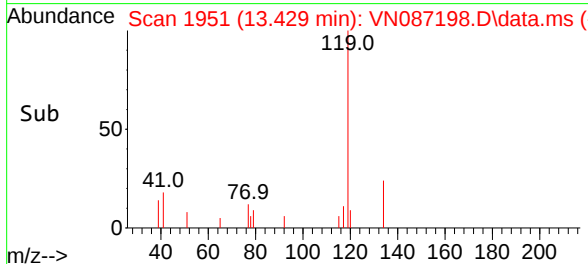
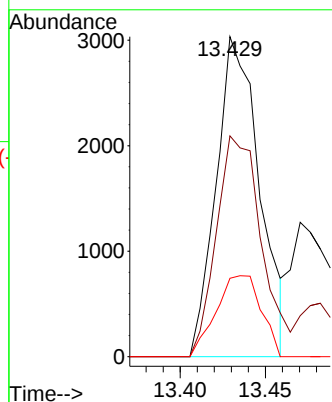
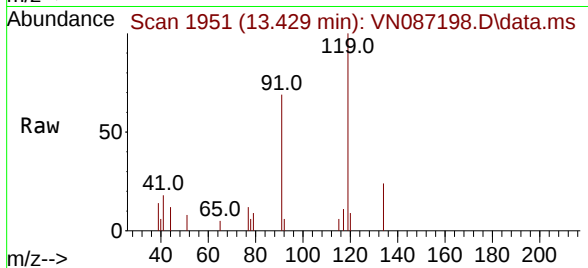
Tgt Ion:119 Resp: 5362

Ion Ratio Lower Upper

119 100

91 71.5 32.9 98.7

134 26.3 13.5 40.4



#84

1,2,4-Trimethylbenzene

Concen: 0.792 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN087198.D

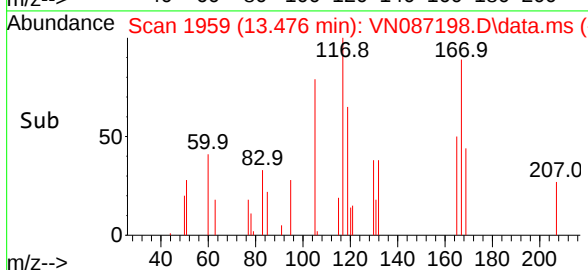
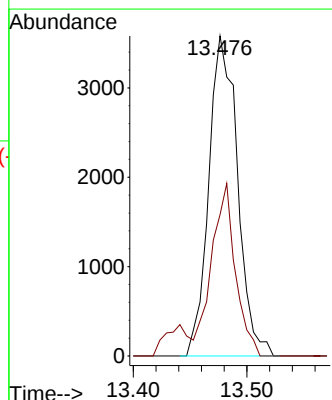
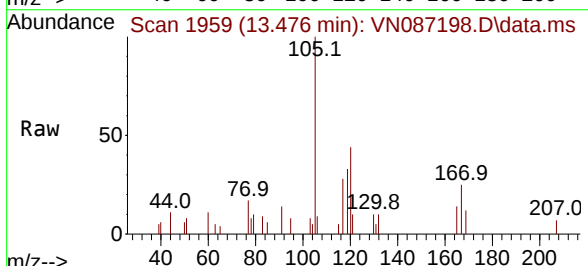
Acq: 26 Jun 2025 16:34

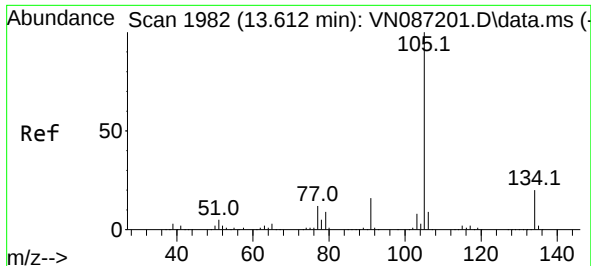
Tgt Ion:105 Resp: 6291

Ion Ratio Lower Upper

105 100

120 44.7 22.9 68.8

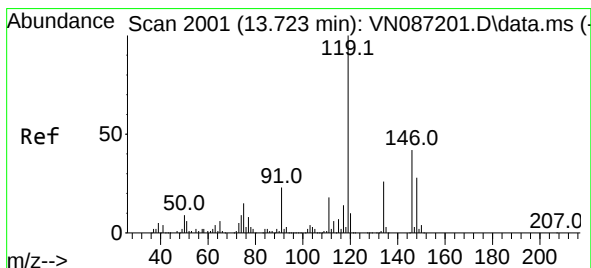
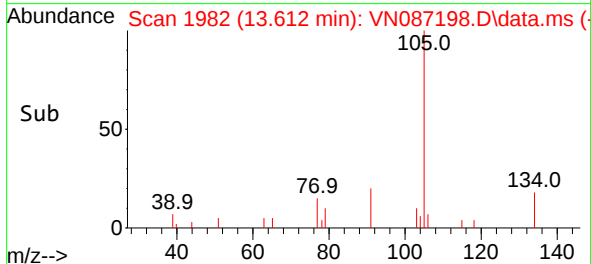
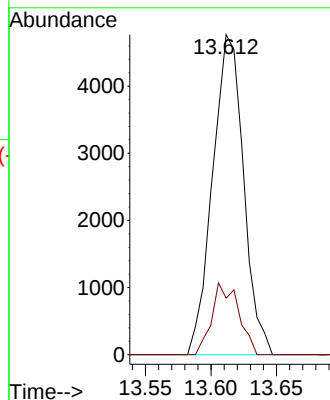
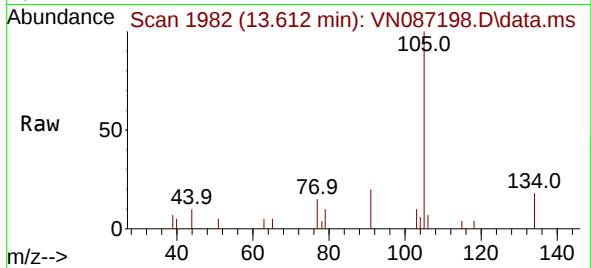




#85
 sec-Butylbenzene
 Concen: 0.789 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

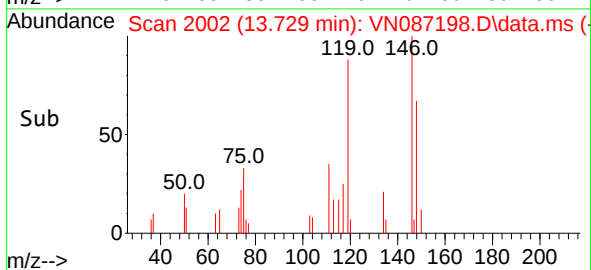
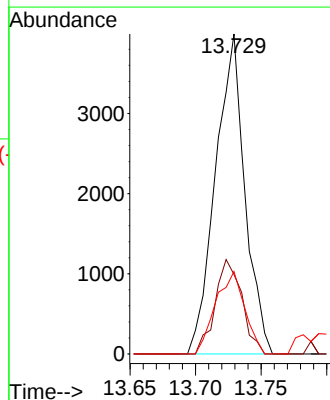
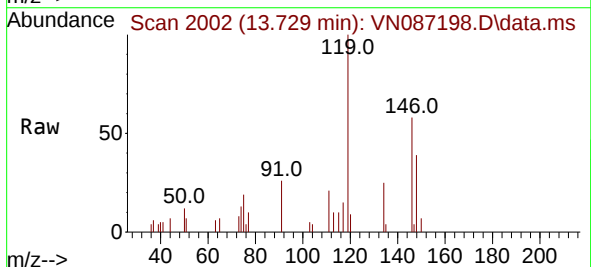
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

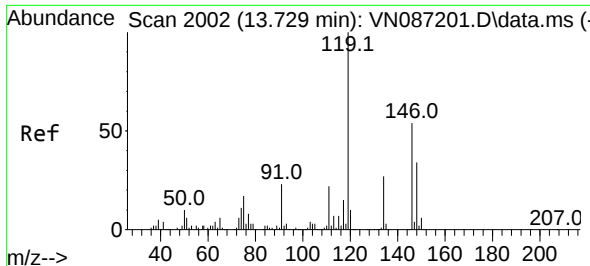
Tgt Ion:105 Resp: 7819
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.764 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

Tgt Ion:119 Resp: 6214
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 25.6 11.5 34.4

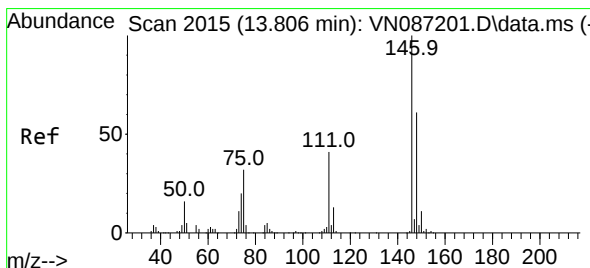
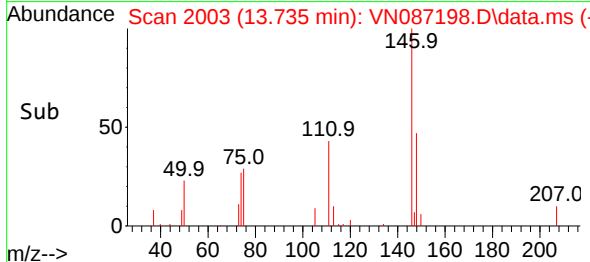
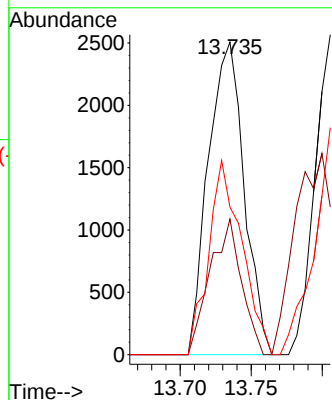
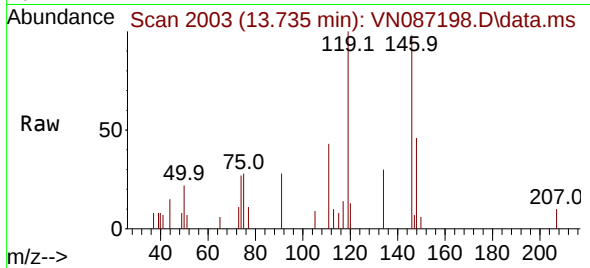




#87
1,3-Dichlorobenzene
Concen: 0.949 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

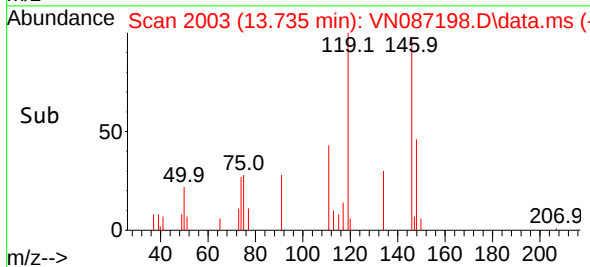
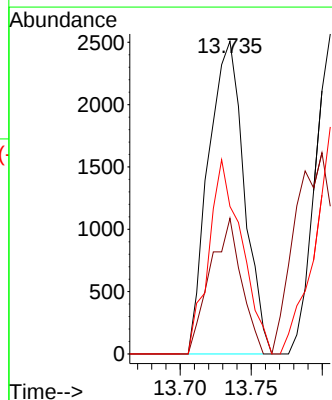
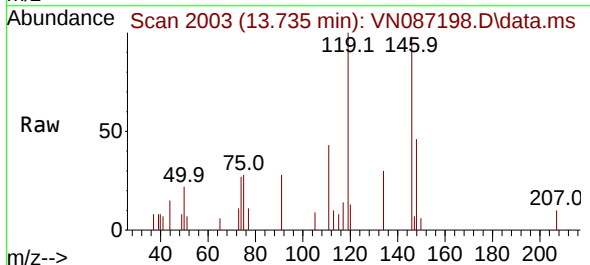
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

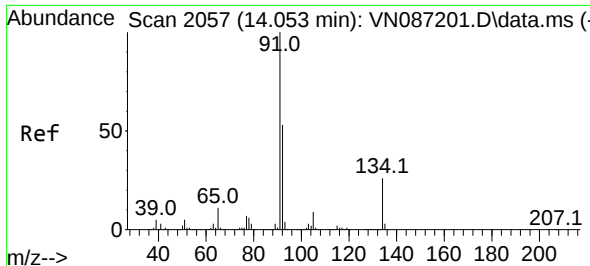
Tgt Ion:146 Resp: 4401
Ion Ratio Lower Upper
146 100
111 38.1 21.1 63.4
148 57.4 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 0.923 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.071 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:146 Resp: 4401
Ion Ratio Lower Upper
146 100
111 38.1 19.9 59.6
148 57.4 31.4 94.0

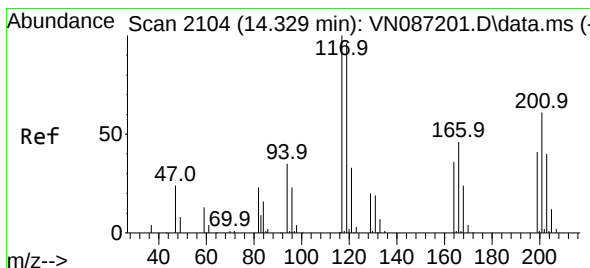
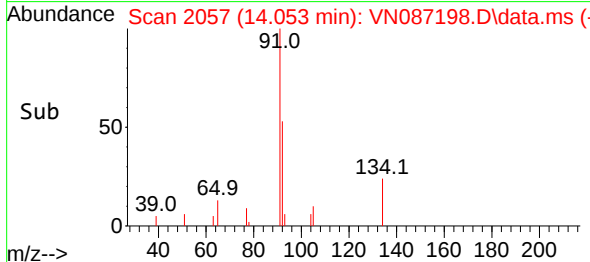
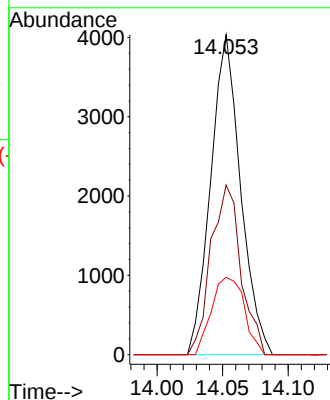
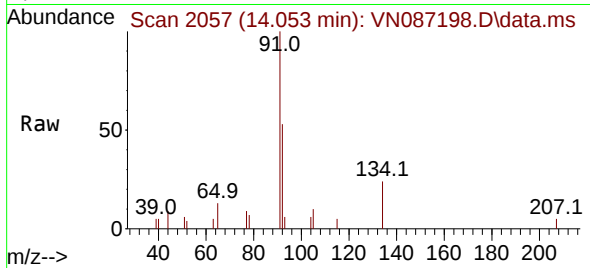




#89
n-Butylbenzene
Concen: 0.846 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

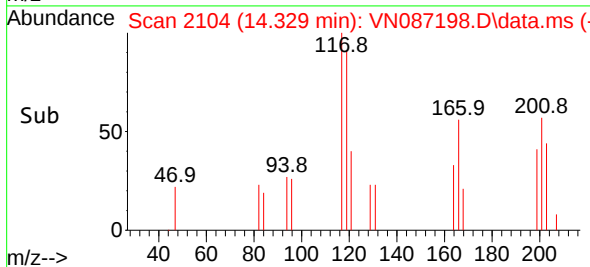
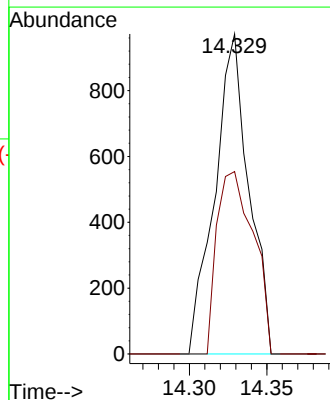
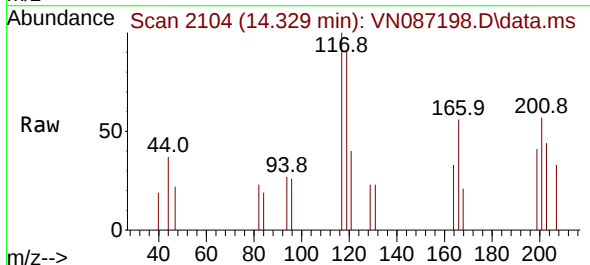
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

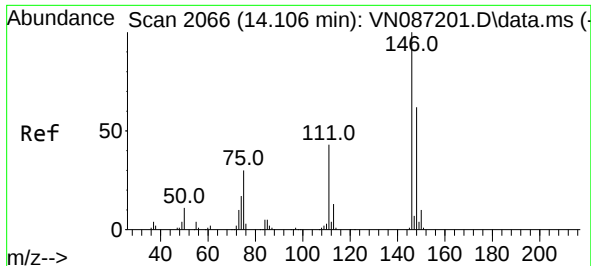
Tgt Ion:	91	Resp:	6388
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	26.5	12.8	38.4



#90
Hexachloroethane
Concen: 0.946 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:	117	Resp:	1488
Ion	Ratio	Lower	Upper
117	100		
201	61.2	31.8	95.3

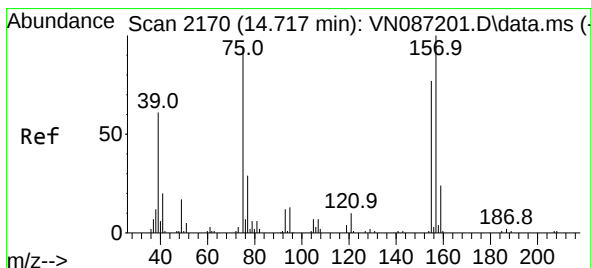
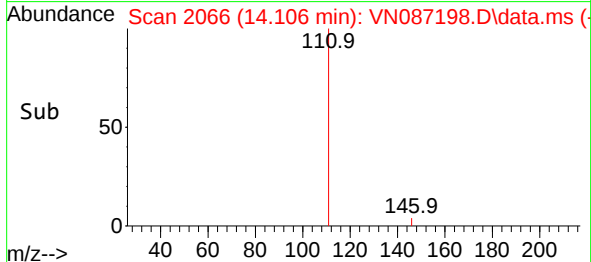
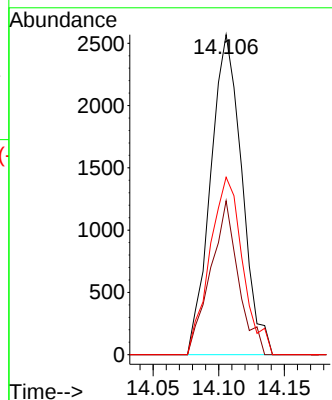
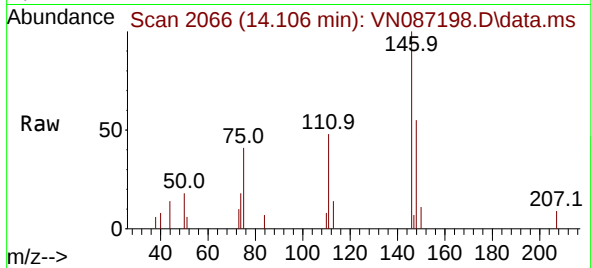




#91
1,2-Dichlorobenzene
Concen: 0.975 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

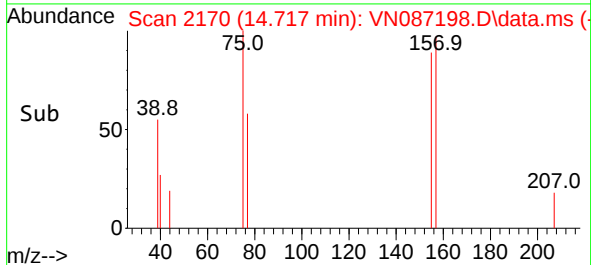
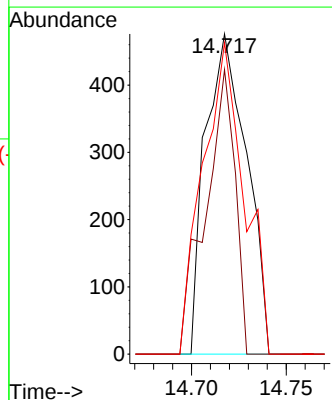
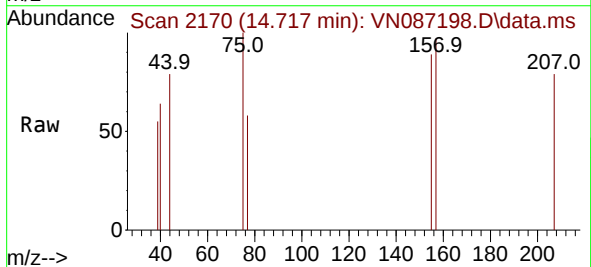
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

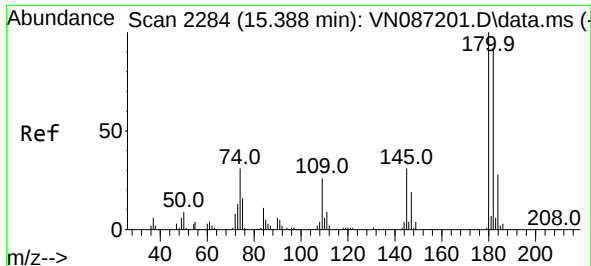
Tgt Ion:146 Resp: 4260
Ion Ratio Lower Upper
146 100
111 42.8 21.4 64.2
148 58.3 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.923 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 75 Resp: 720
Ion Ratio Lower Upper
75 100
155 63.9 39.4 118.1
157 97.6 51.1 153.4

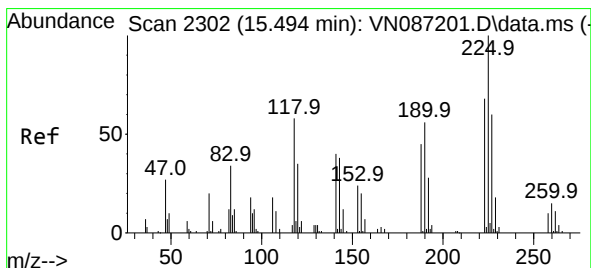
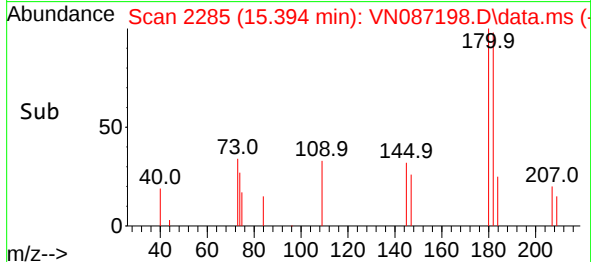
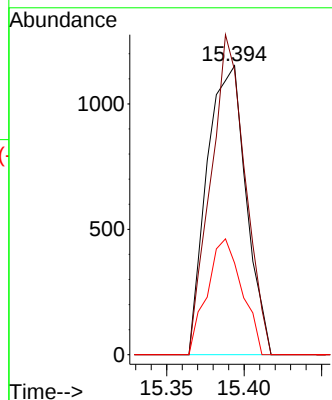
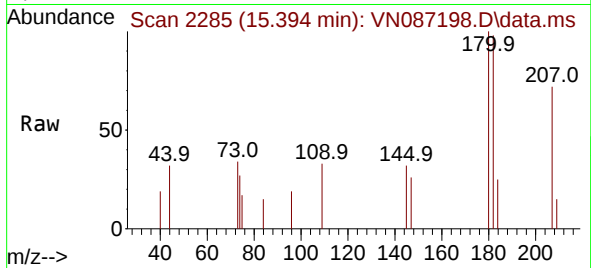




#93
1,2,4-Trichlorobenzene
Concen: 0.830 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

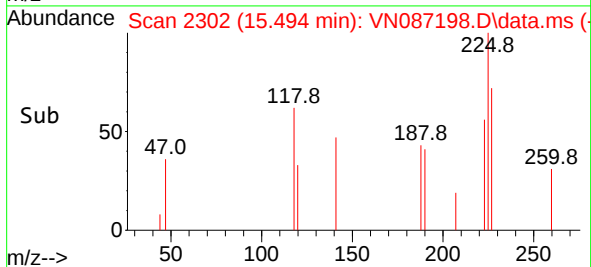
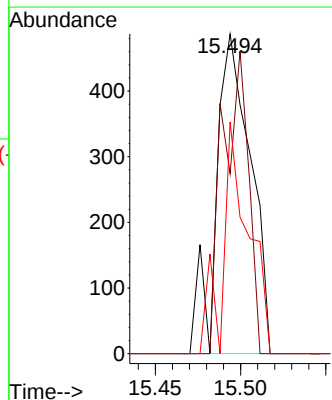
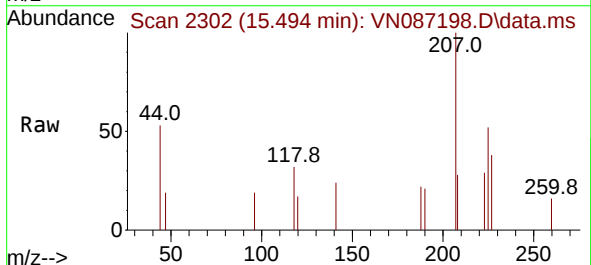
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

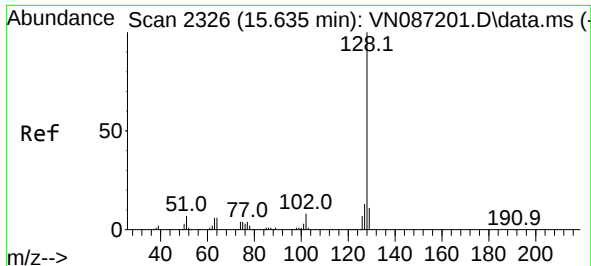
Tgt Ion:180 Resp: 2020
Ion Ratio Lower Upper
180 100
182 97.3 47.1 141.3
145 35.7 16.2 48.5



#94
Hexachlorobutadiene
Concen: 0.893 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:225 Resp: 685
Ion Ratio Lower Upper
225 100
223 70.5 32.9 98.6
227 54.6 32.0 96.2

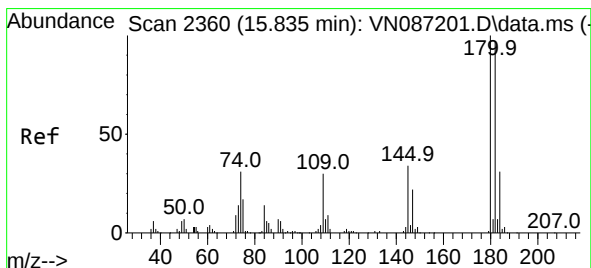
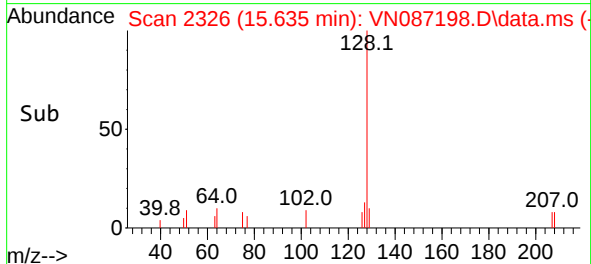
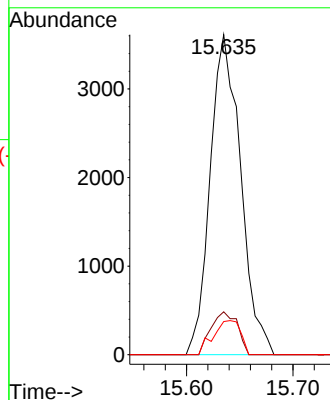
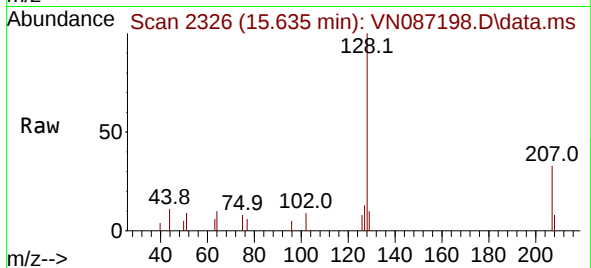




#95
Naphthalene
Concen: 0.778 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	7179
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.1	15.1
129	9.6	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.890 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:	180	Resp:	2138
Ion	Ratio	Lower	Upper
180	100		
182	102.2	47.5	142.6
145	33.1	16.9	50.7

