

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 26 16:51:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

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	1.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	2.440%	#	
35) Dibromofluoromethane	8.177	113	2027	0.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	1.980%	#	
50) Toluene-d8	10.565	98	8250	1.018	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.040%	#	
62) 4-Bromofluorobenzene	12.853	95	3122	1.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	2.080%	#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.159	85	2071	1.117	ug/l	88
3) Chloromethane	2.401	50	1993	0.833	ug/l #	82
4) Vinyl Chloride	2.553	62	2168	0.878	ug/l	93
5) Bromomethane	3.006	94	1006	0.728	ug/l #	68
6) Chloroethane	3.165	64	1173	0.736	ug/l #	44
7) Trichlorofluoromethane	3.530	101	2292	0.711	ug/l	88
8) Diethyl Ether	3.989	74	822	0.585	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.389	101	1424	0.703	ug/l #	56
11) Tert butyl alcohol	5.536	59	1067	1.580	ug/l #	73
12) 1,1-Dichloroethene	4.371	96	1557	0.753	ug/l #	66
13) Acrolein	4.200	56	779	3.644	ug/l	98
14) Allyl chloride	5.053	41	1752	0.511	ug/l #	69
15) Acrylonitrile	5.741	53	5153	3.265	ug/l	96
16) Acetone	4.442	43	4263	3.230	ug/l	96
17) Carbon Disulfide	4.736	76	4451	0.778	ug/l #	75
18) Methyl Acetate	5.042	43	1921	0.499	ug/l #	70
19) Methyl tert-butyl Ether	5.812	73	4910	0.655	ug/l #	86
20) Methylene Chloride	5.300	84	1934	0.783	ug/l #	84
21) trans-1,2-Dichloroethene	5.818	96	1808	0.785	ug/l #	52
22) Diisopropyl ether	6.683	45	6135	0.848	ug/l #	89
23) Vinyl Acetate	6.624	43	27027	4.423	ug/l	98
24) 1,1-Dichloroethane	6.583	63	3789	0.910	ug/l #	81
25) 2-Butanone	7.494	43	9096	4.240	ug/l	93
26) 2,2-Dichloropropane	7.494	77	3333	1.029	ug/l	88
27) cis-1,2-Dichloroethene	7.500	96	2574	0.935	ug/l	91
28) Bromochloromethane	7.824	49	1838	0.898	ug/l #	89
29) Tetrahydrofuran	7.859	42	5819	4.164	ug/l	90
30) Chloroform	7.965	83	4114	0.990	ug/l	84
31) Cyclohexane	8.230	56	3832	0.949	ug/l #	1
32) 1,1,1-Trichloroethane	8.177	97	3735	1.056	ug/l #	44
36) 1,1-Dichloropropene	8.383	75	3006	0.986	ug/l #	86
37) Ethyl Acetate	7.577	43	3206	0.826	ug/l #	84
38) Carbon Tetrachloride	8.371	117	2790	0.932	ug/l	93
39) Methylcyclohexane	9.600	83	3393	0.812	ug/l	90
40) Benzene	8.612	78	9622	0.965	ug/l	97
41) Methacrylonitrile	7.788	41	1812	0.831	ug/l #	90

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Instrument :
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Manual Integrations
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Quant Time: Jun 26 16:51:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

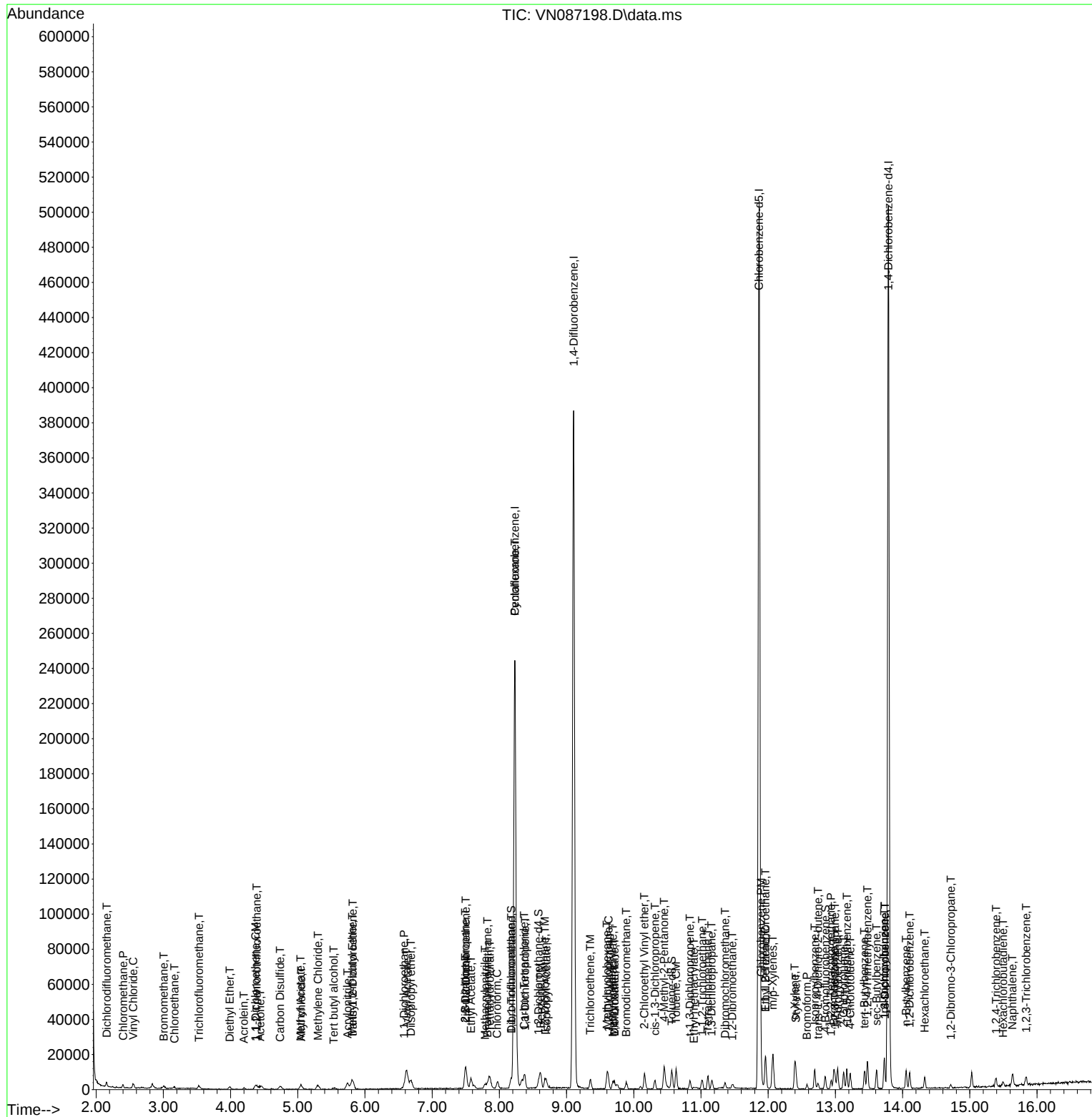
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.677	62	3230	1.068	ug/l	82
43) Isopropyl Acetate	8.700	43	5541	0.889	ug/l #	96
44) Trichloroethene	9.353	130	2148	0.908	ug/l	88
45) 1,2-Dichloropropane	9.624	63	2204	0.908	ug/l #	63
46) Dibromomethane	9.712	93	1516	0.941	ug/l	97
47) Bromodichloromethane	9.888	83	3163	0.954	ug/l #	73
48) Methyl methacrylate	9.688	41	2263	0.789	ug/l	91
49) 1,4-Dioxane	9.712	88	362	6.938	ug/l #	36
51) 4-Methyl-2-Pentanone	10.453	43	12393	3.304	ug/l	90
52) Toluene	10.629	92	5236	0.859	ug/l	92
53) t-1,3-Dichloropropene	10.835	75	3011	0.812	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	3410	0.860	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	2049	0.874	ug/l #	76
56) Ethyl methacrylate	10.894	69	997	0.267	ug/l #	67
57) 1,3-Dichloropropane	11.159	76	3490	0.858	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	4204	1.887	ug/l	99
60) Dibromochloromethane	11.359	129	2184	0.894	ug/l	96
61) 1,2-Dibromoethane	11.465	107	2119	0.882	ug/l	95
64) Tetrachloroethene	11.100	164	1743	0.898	ug/l	96
65) Chlorobenzene	11.894	112	6480	0.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	2011	0.925	ug/l #	63
67) Ethyl Benzene	11.959	91	9674	0.830	ug/l	91
68) m/p-Xylenes	12.070	106	7356	1.649	ug/l	95
69) o-Xylene	12.394	106	3367	0.788	ug/l	96
70) Styrene	12.412	104	5512	0.754	ug/l	98
71) Bromoform	12.576	173	1381	0.857	ug/l #	100
73) Isopropylbenzene	12.694	105	8055	0.789	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	3260	0.943	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	4020	1.207	ug/l	78
77) Bromobenzene	12.976	156	1999	0.854	ug/l	89
78) n-propylbenzene	13.035	91	9748	0.786	ug/l	98
79) 2-Chlorotoluene	13.123	91	7500	1.008	ug/l	83
80) 1,3,5-Trimethylbenzene	13.170	105	6290	0.746	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	919	0.635	ug/l	93
82) 4-Chlorotoluene	13.223	91	6204	0.824	ug/l	99
83) tert-Butylbenzene	13.429	119	5362	0.695	ug/l	93
84) 1,2,4-Trimethylbenzene	13.476	105	6291	0.744	ug/l	97
85) sec-Butylbenzene	13.612	105	7819	0.698	ug/l	98
86) p-Isopropyltoluene	13.729	119	6214	0.671	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	4401	0.955	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	4401	0.937	ug/l	94
89) n-Butylbenzene	14.053	91	6388	0.712	ug/l	98
90) Hexachloroethane	14.329	117	1488	0.948	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	4260	0.963	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	720	0.870	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	2020	0.715	ug/l	96
94) Hexachlorobutadiene	15.494	225	685	0.651	ug/l	93
95) Naphthalene	15.635	128	7179	0.682	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	2138	0.761	ug/l	94

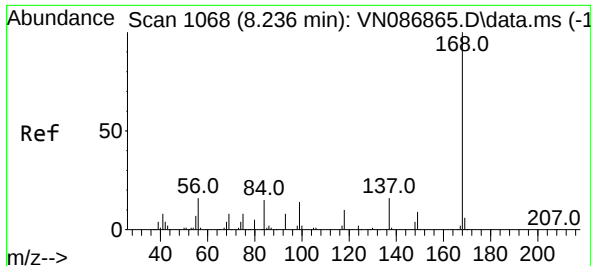
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations

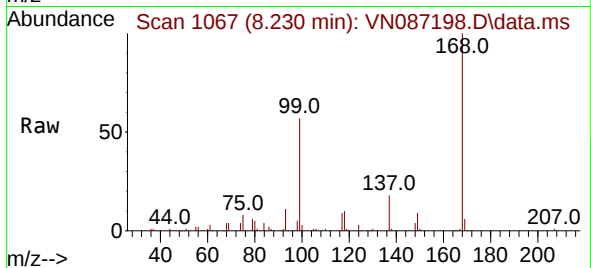
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

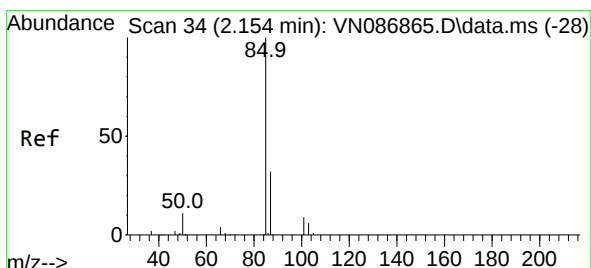
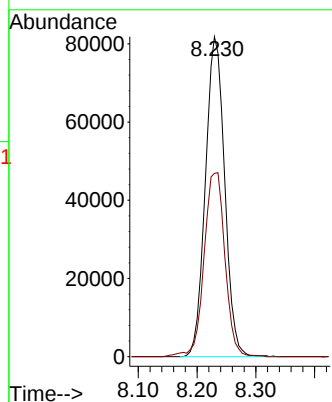
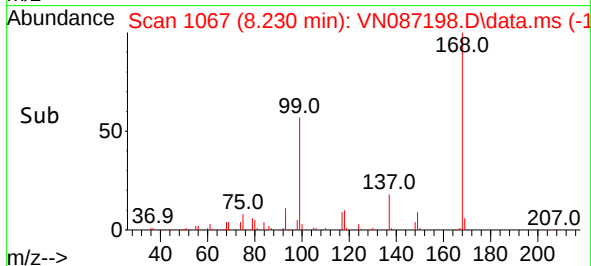
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 185878
Ion Ratio Lower Upper
168 100
99 57.3 49.1 73.7

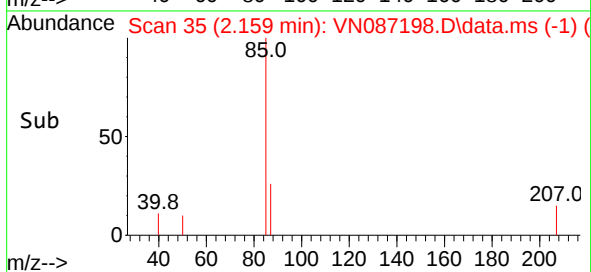
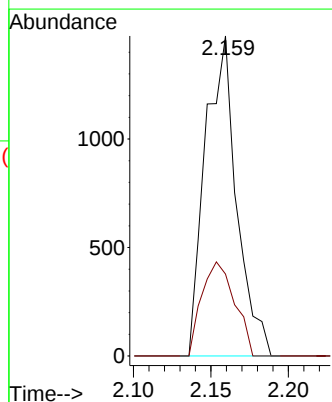
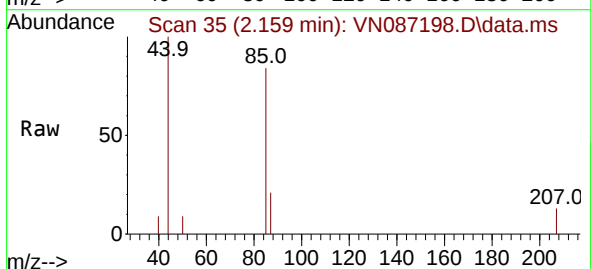
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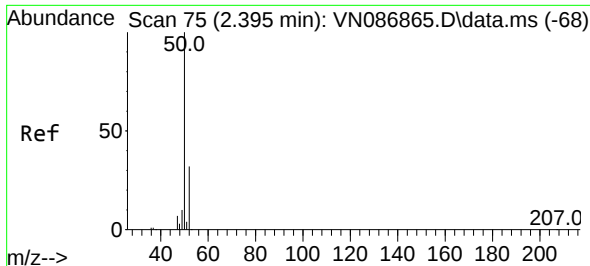
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#2
Dichlorodifluoromethane
Concen: 1.117 ug/l
RT: 2.159 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

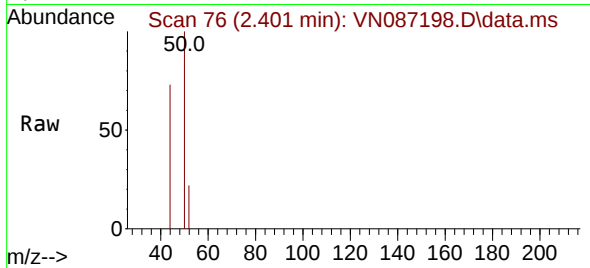
Tgt Ion: 85 Resp: 2071
Ion Ratio Lower Upper
85 100
87 25.6 16.2 48.6





#3
Chloromethane
Concen: 0.833 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

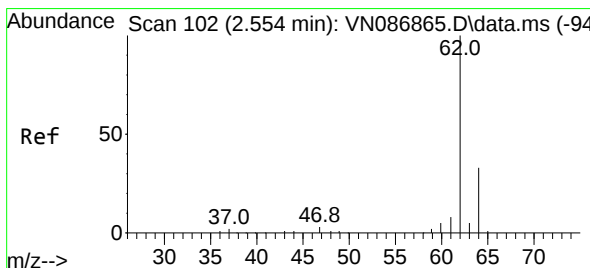
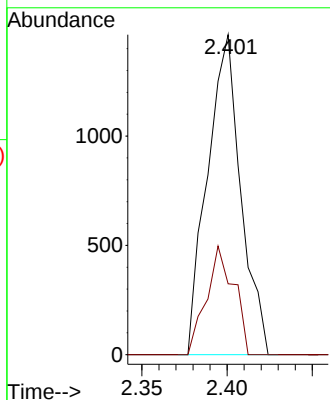
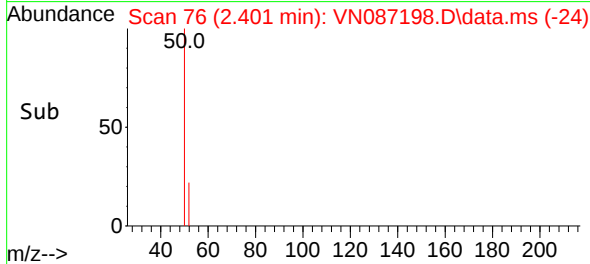
Instrument :
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ClientSampleId :
VSTDIC001



Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 22.1 25.7 38.5

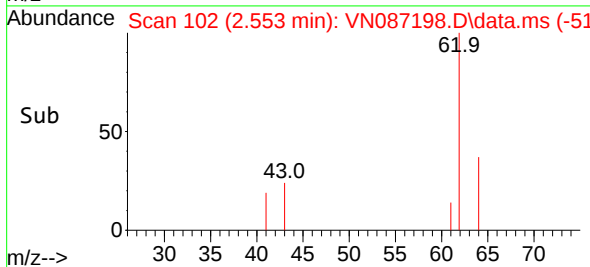
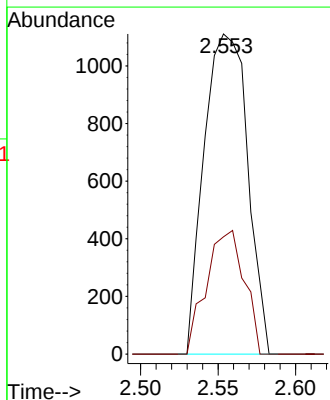
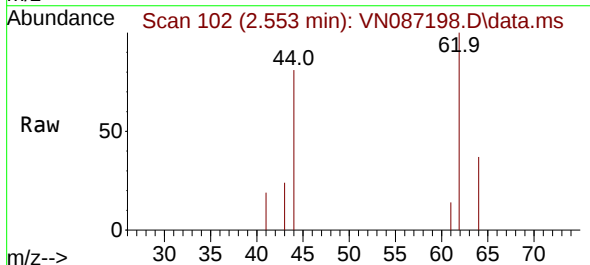
Manual Integrations
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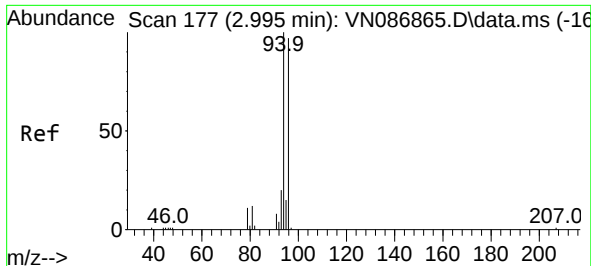
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#4
Vinyl Chloride
Concen: 0.878 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

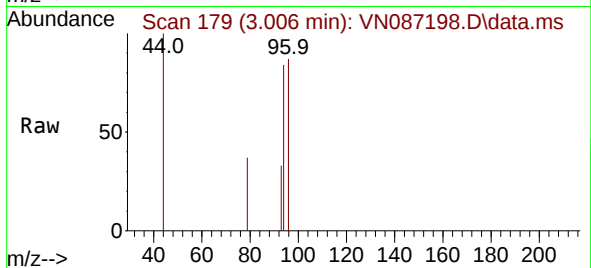
Tgt Ion: 62 Resp: 2168
Ion Ratio Lower Upper
62 100
64 36.6 26.0 39.0





#5
Bromomethane
Concen: 0.728 ug/l
RT: 3.006 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

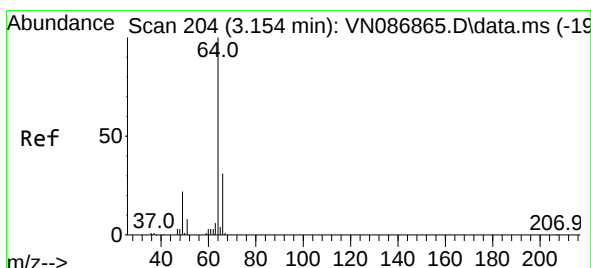
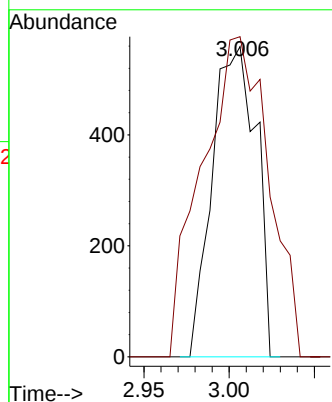
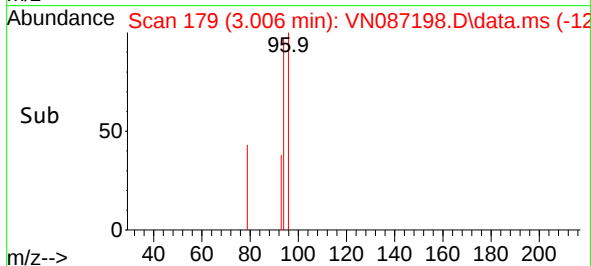
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



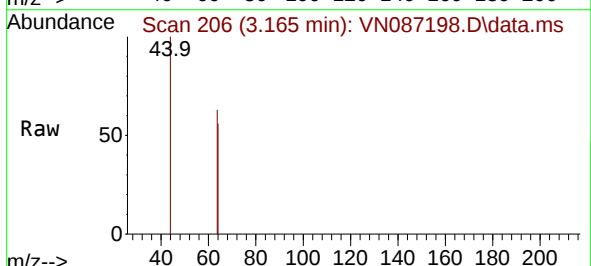
Tgt Ion: 94 Resp: 1000
Ion Ratio Lower Upper
94 100
96 65.8 77.9 116.9

Manual Integrations
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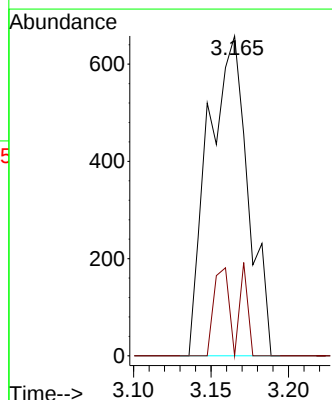
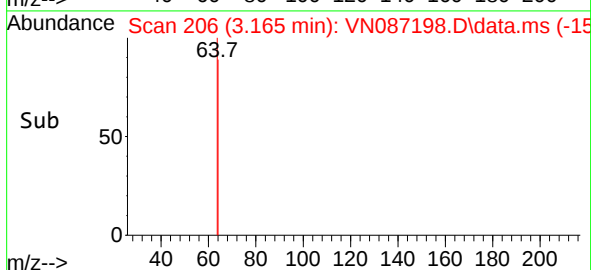
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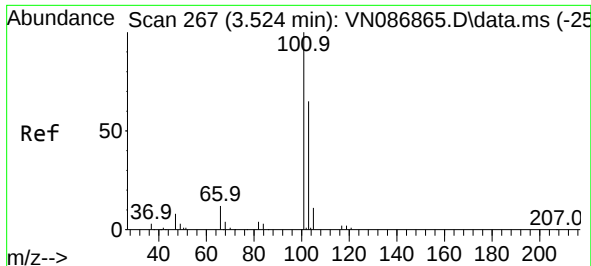


#6
Chloroethane
Concen: 0.736 ug/l
RT: 3.165 min Scan# 206
Delta R.T. 0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



Tgt Ion: 64 Resp: 1173
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8





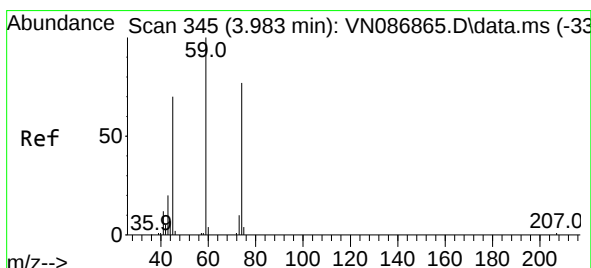
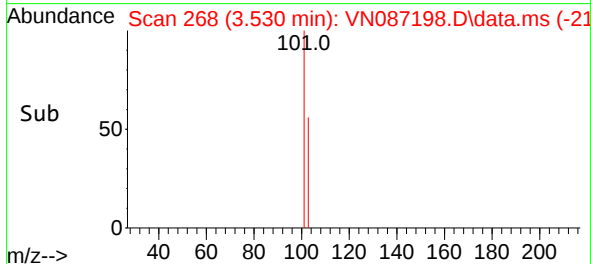
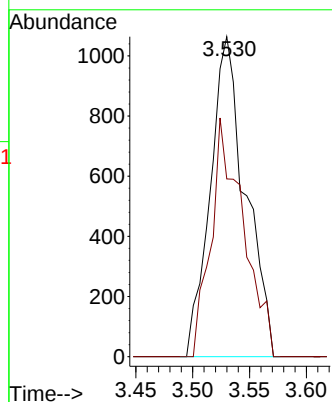
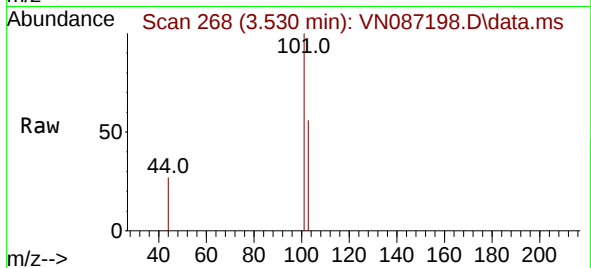
#7
Trichlorofluoromethane
Concen: 0.711 ug/l
RT: 3.530 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 101 Resp: 229
Ion Ratio Lower Upper
101 100
103 55.5 52.2 78.2

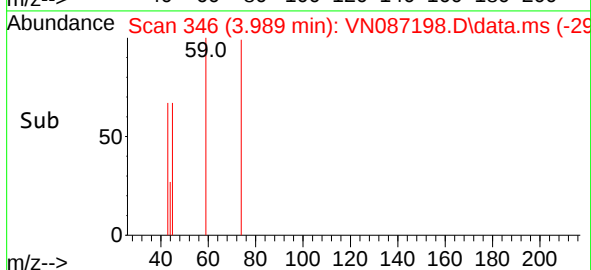
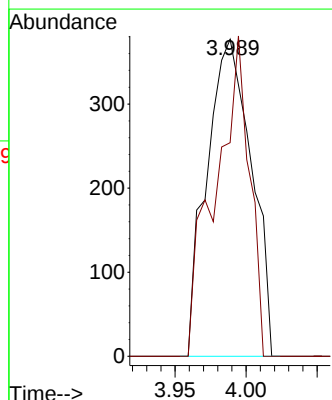
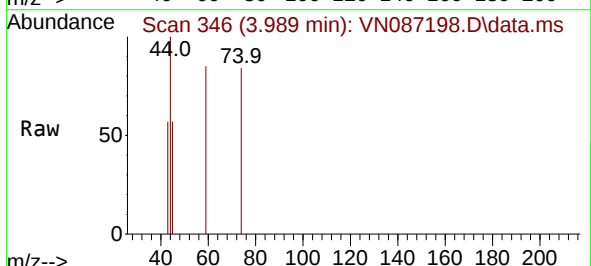
Manual Integrations
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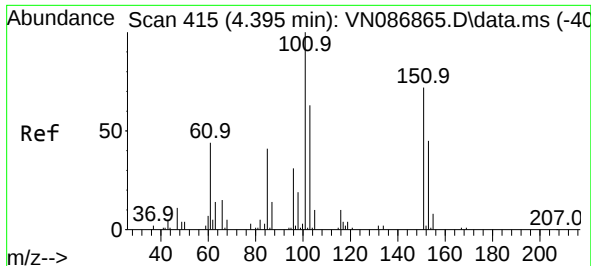
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#8
Diethyl Ether
Concen: 0.585 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 45.5 136.5





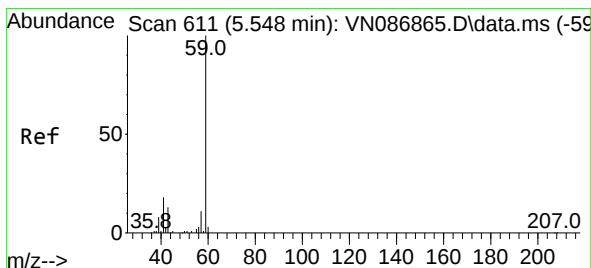
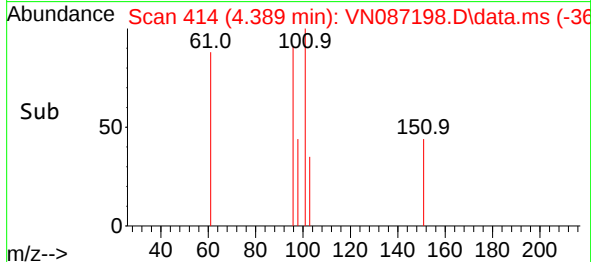
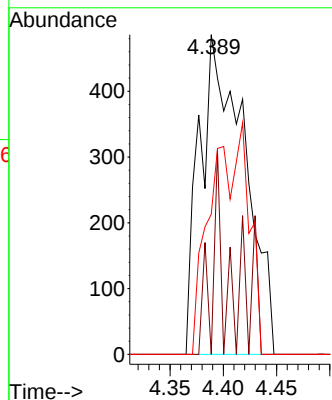
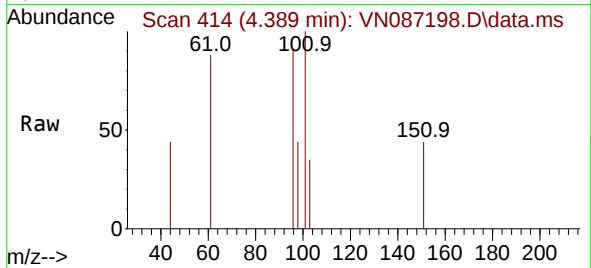
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1,1,2-Trichlorotrifluoroethane
Concen: 0.703 ug/l
RT: 4.389 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 1424
Ion Ratio Lower Upper
101 100
85 15.9 33.8 50.8
151 35.3 58.7 88.1

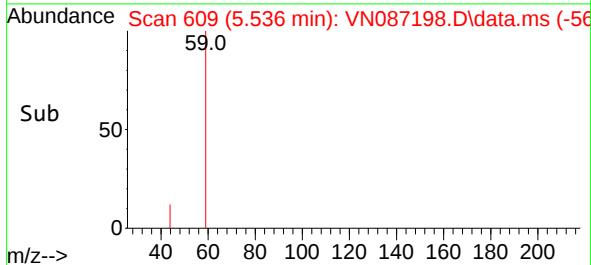
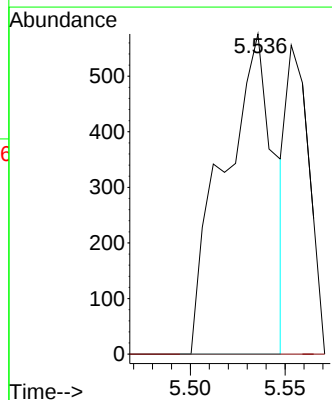
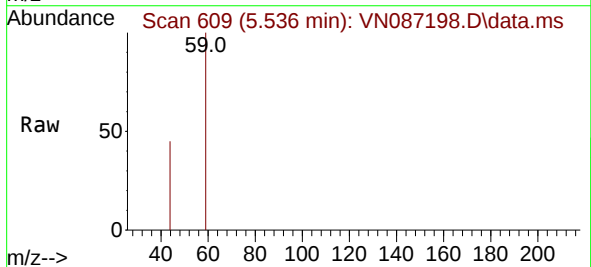
Manual Integrations
APPROVED

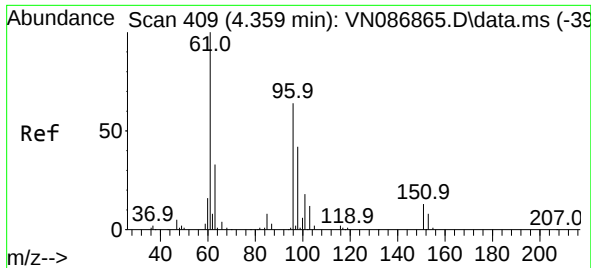
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#11
Tert butyl alcohol
Concen: 1.580 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

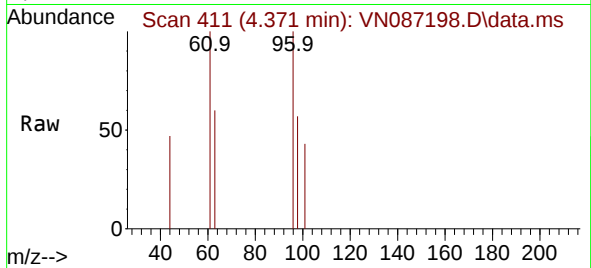
Tgt Ion: 59 Resp: 1067
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1





#12
1,1-Dichloroethene
Concen: 0.753 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

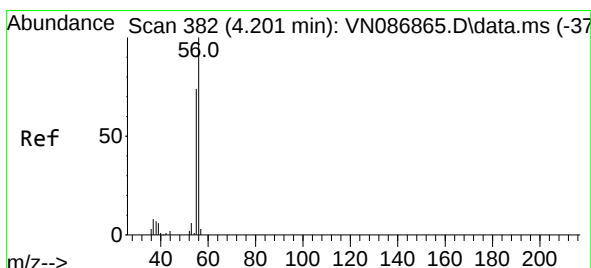
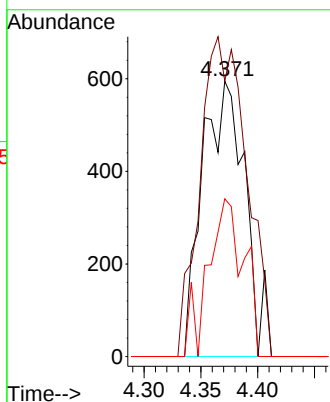
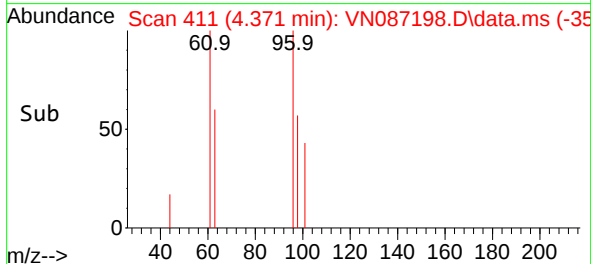
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 155
Ion Ratio Lower Upper
96 100
61 100.0 125.8 188.6
98 57.3 52.5 78.7

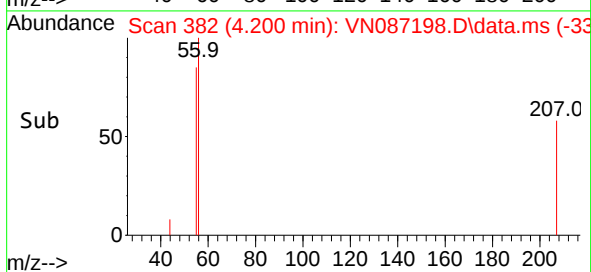
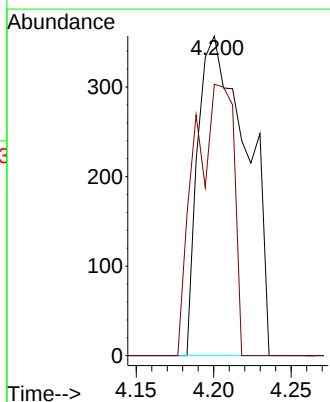
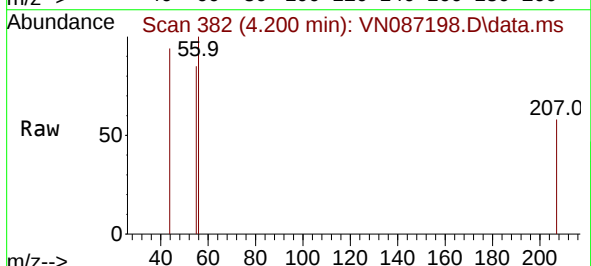
Manual Integrations
APPROVED

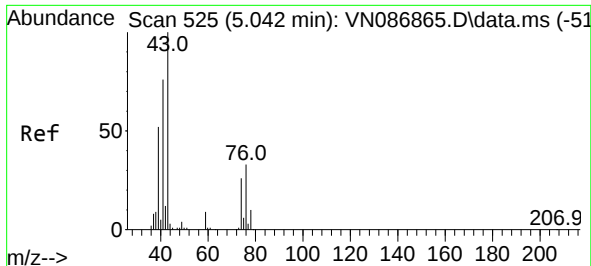
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#13
Acrolein
Concen: 3.644 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

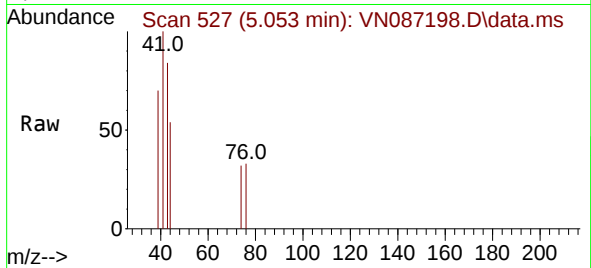
Tgt Ion: 56 Resp: 779
Ion Ratio Lower Upper
56 100
55 67.9 55.6 83.4





#14
 Allyl chloride
 Concen: 0.511 ug/l
 RT: 5.053 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

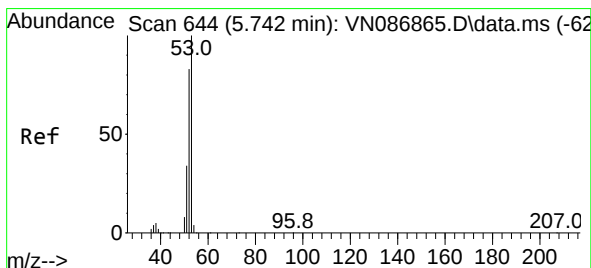
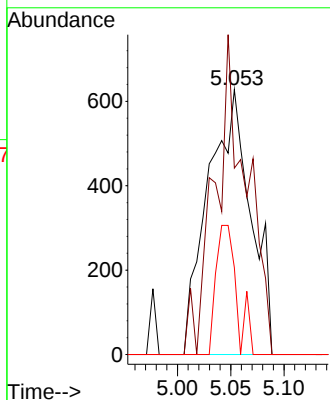
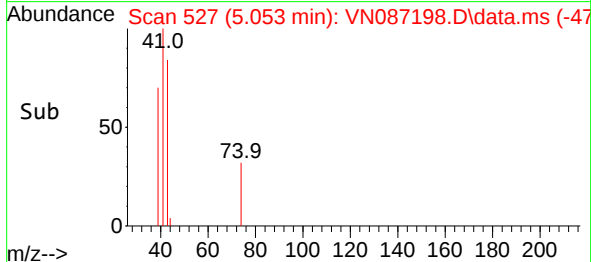
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



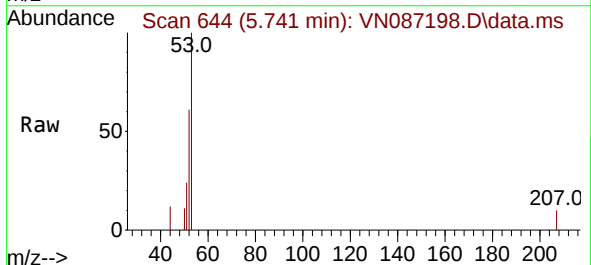
Tgt Ion:	41	Resp:	175
Ion	Ratio	Lower	Upper
41	100		
39	90.2	51.3	76.9
76	23.3	31.4	47.0

Manual Integrations
 APPROVED

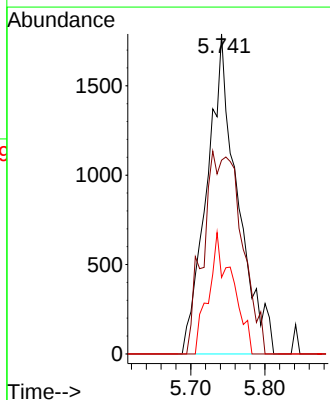
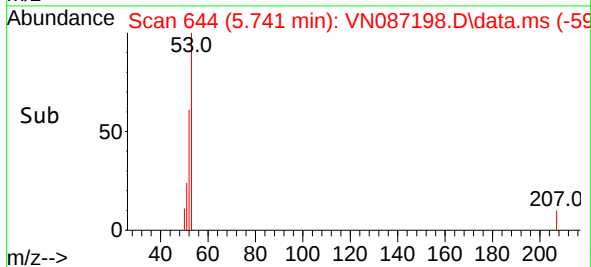
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025

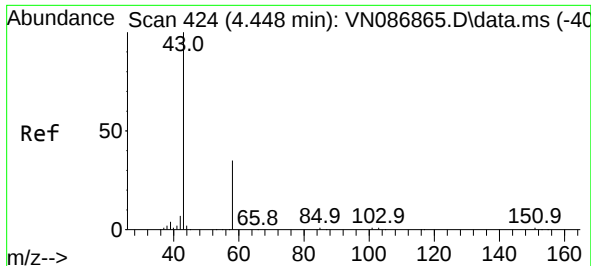


#15
 Acrylonitrile
 Concen: 3.265 ug/l
 RT: 5.741 min Scan# 644
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34



Tgt Ion:	53	Resp:	5153
Ion	Ratio	Lower	Upper
53	100		
52	79.3	65.0	97.6
51	29.6	27.2	40.8





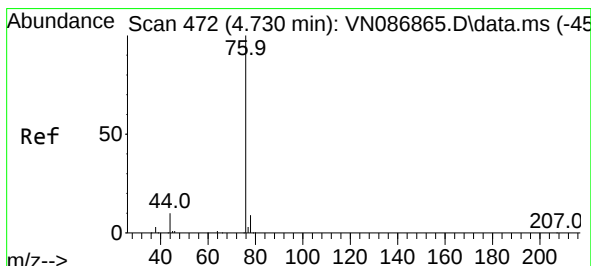
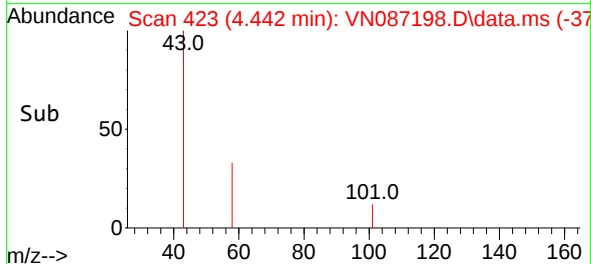
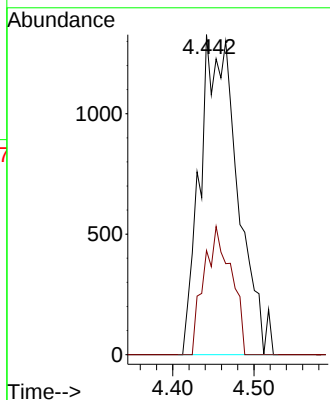
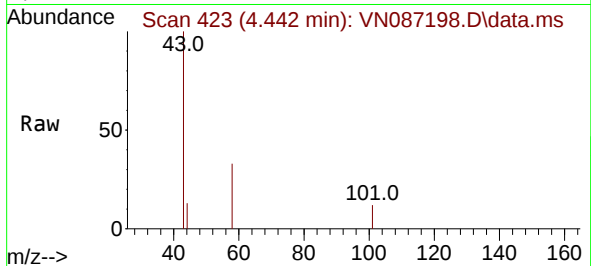
#16
Acetone
Concen: 3.230 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 426
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0

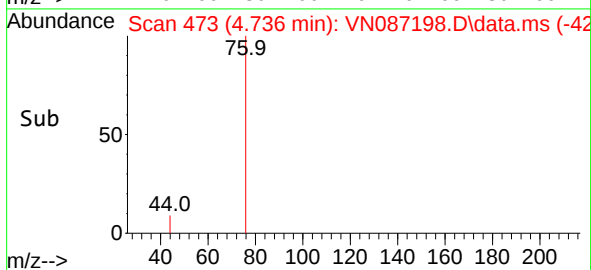
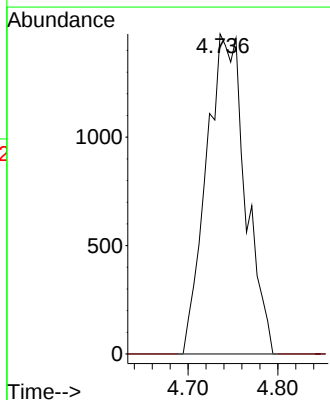
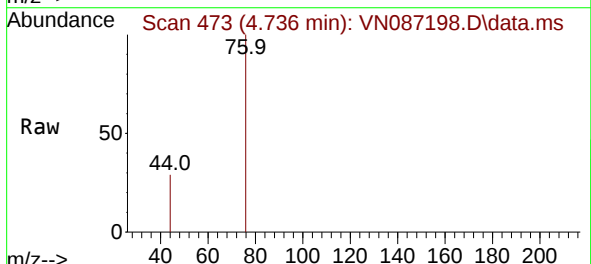
Manual Integrations
APPROVED

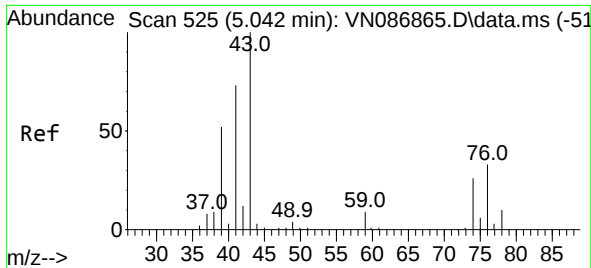
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#17
Carbon Disulfide
Concen: 0.778 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

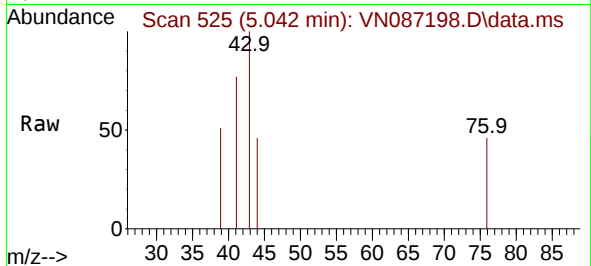
Tgt Ion: 76 Resp: 4451
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

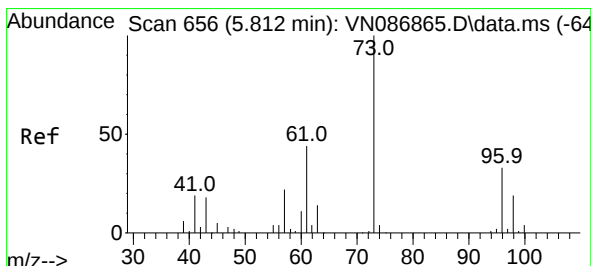
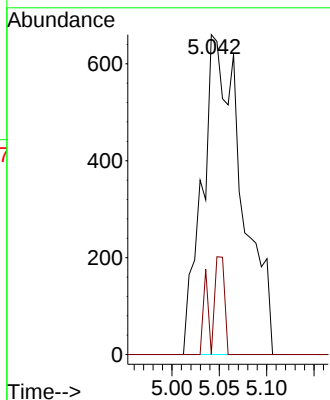
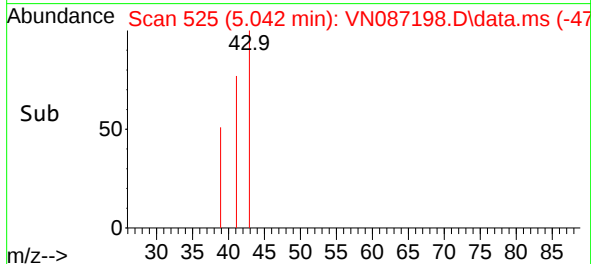
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
74 10.6 20.7 31.1

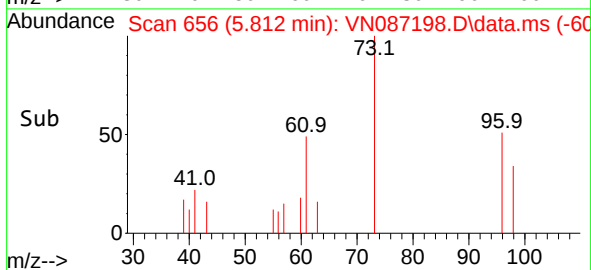
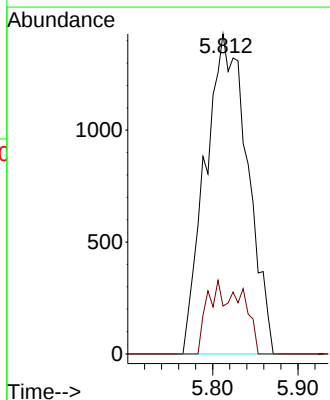
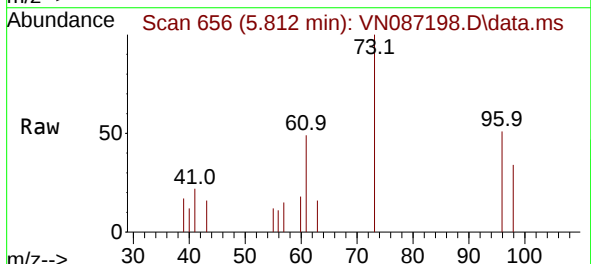
Manual Integrations
APPROVED

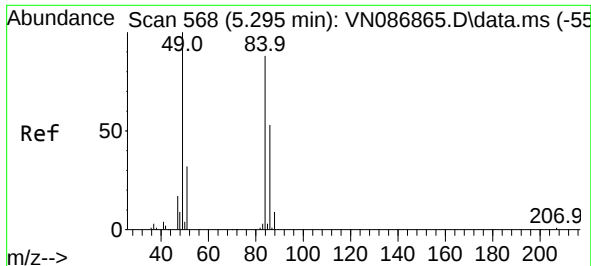
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#19
Methyl tert-butyl Ether
Concen: 0.655 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

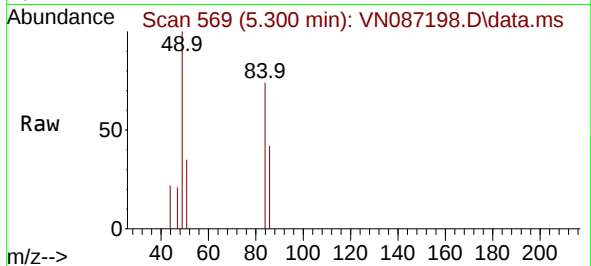
Tgt Ion: 73 Resp: 4910
Ion Ratio Lower Upper
73 100
57 15.0 17.4 26.2





#20
Methylene Chloride
Concen: 0.783 ug/l
RT: 5.300 min Scan# 501
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

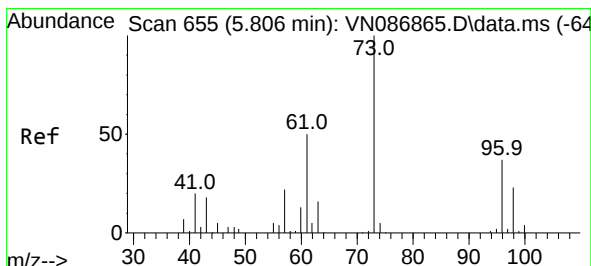
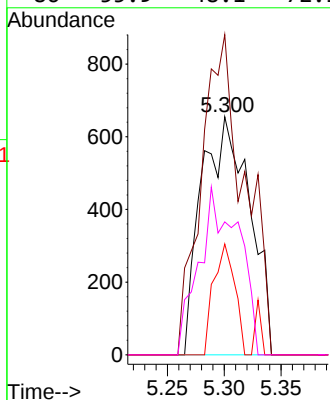
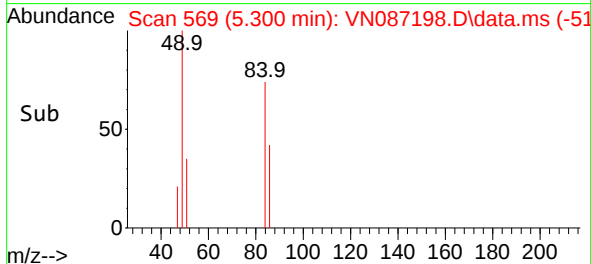
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 84 Resp: 1934
Ion Ratio Lower Upper
84 100
49 134.5 90.5 135.7
51 46.6 28.5 42.7
86 55.9 48.1 72.1

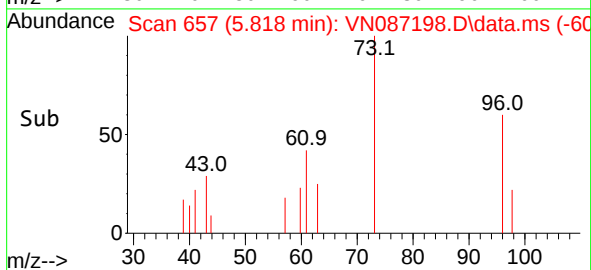
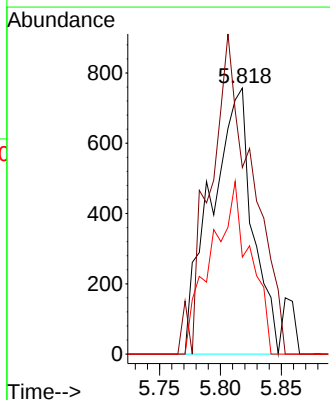
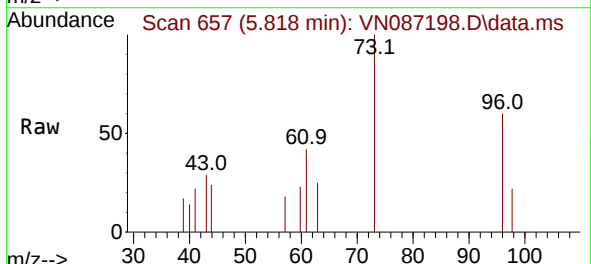
Manual Integrations
APPROVED

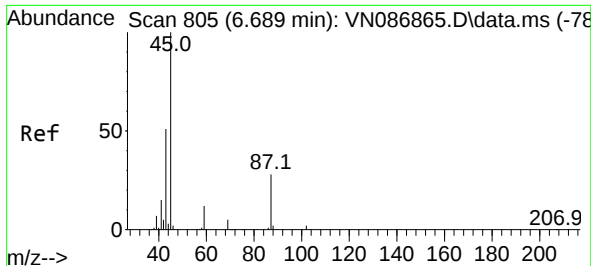
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#21
trans-1,2-Dichloroethene
Concen: 0.785 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

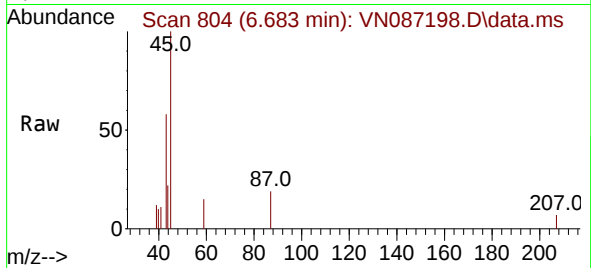
Tgt Ion: 96 Resp: 1808
Ion Ratio Lower Upper
96 100
61 70.1 109.2 163.8#
98 36.5 49.8 74.8#





#22
Diisopropyl ether
Concen: 0.848 ug/l
RT: 6.683 min Scan# 805
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

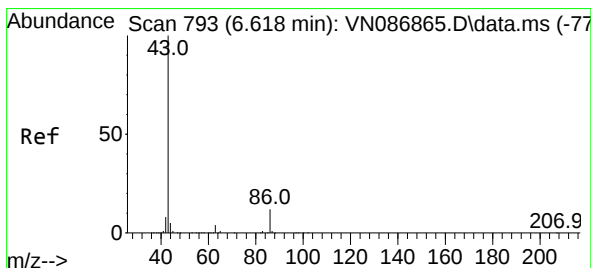
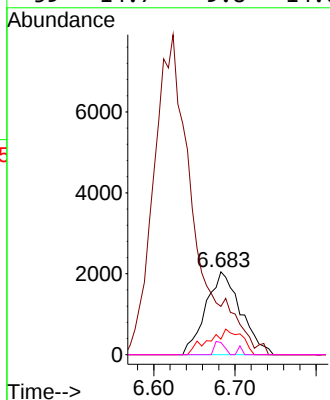
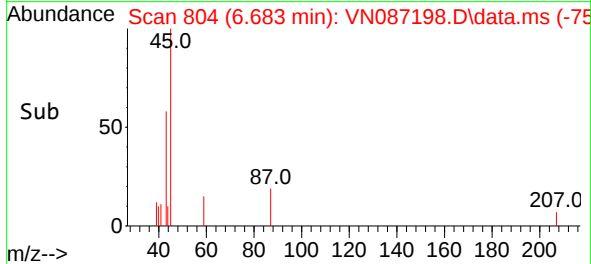
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC001



Tgt Ion: 45 Resp: 6135
Ion Ratio Lower Upper
45 100
43 58.3 41.9 62.9
87 18.7 22.4 33.6
59 14.7 9.8 14.6#

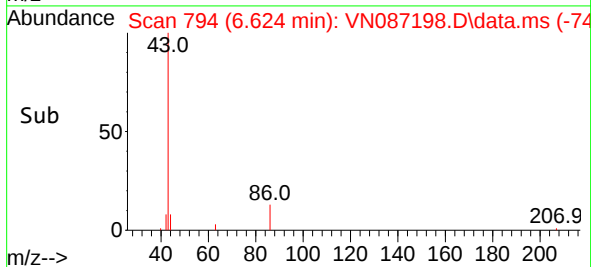
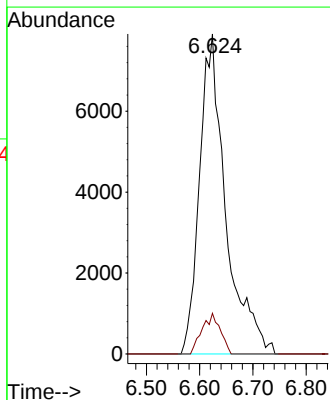
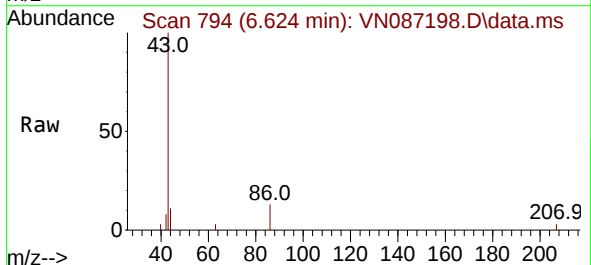
Manual Integrations
APPROVED

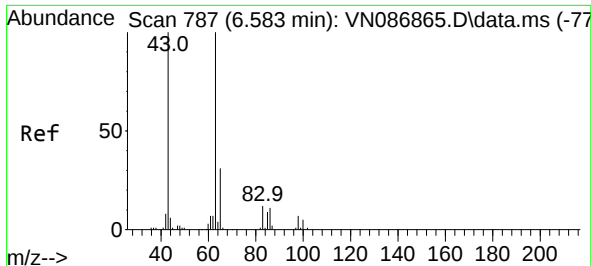
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#23
Vinyl Acetate
Concen: 4.423 ug/l
RT: 6.624 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

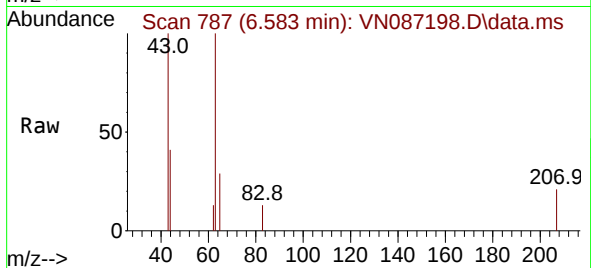
Tgt Ion: 43 Resp: 27027
Ion Ratio Lower Upper
43 100
86 12.7 9.5 14.3





#24
1,1-Dichloroethane
Concen: 0.910 ug/l
RT: 6.583 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

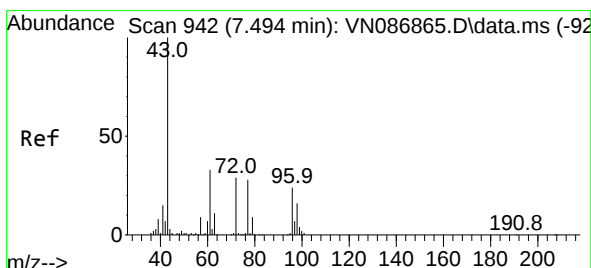
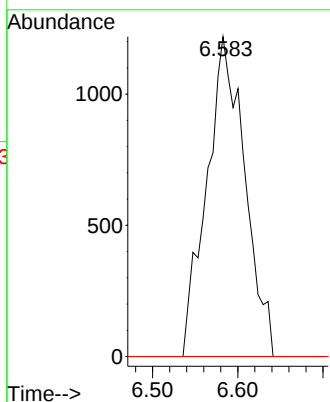
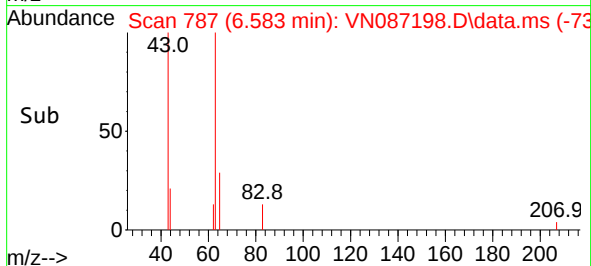
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 63 Resp: 3789
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8
100 0.0 2.6 7.8

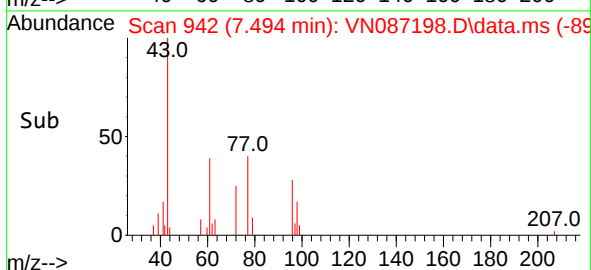
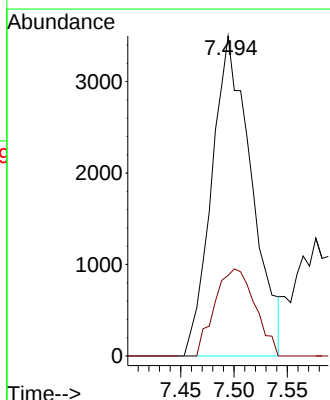
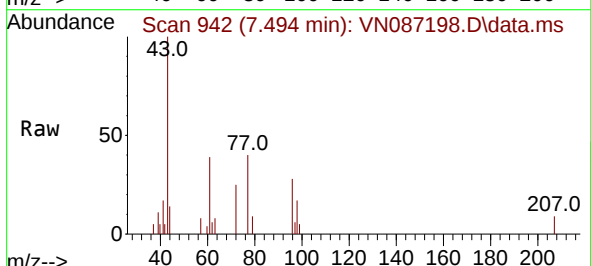
Manual Integrations
APPROVED

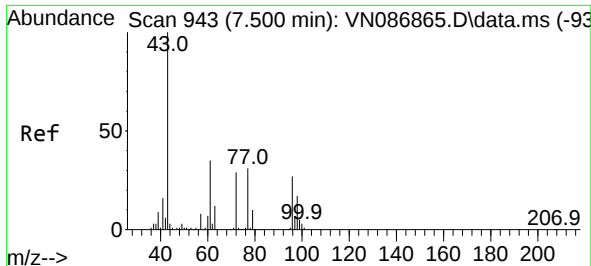
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#25
2-Butanone
Concen: 4.240 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

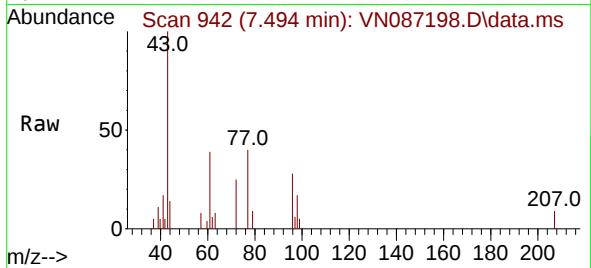
Tgt Ion: 43 Resp: 9096
Ion Ratio Lower Upper
43 100
72 25.2 23.0 34.6





#26
2,2-Dichloropropane
Concen: 1.029 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

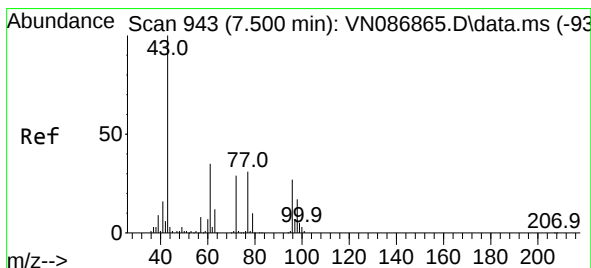
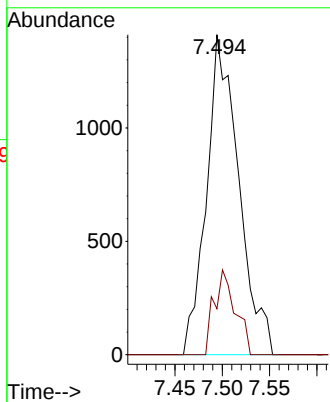
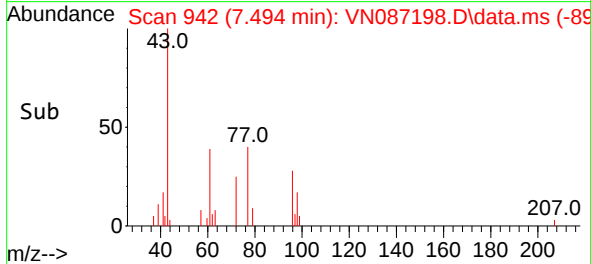
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



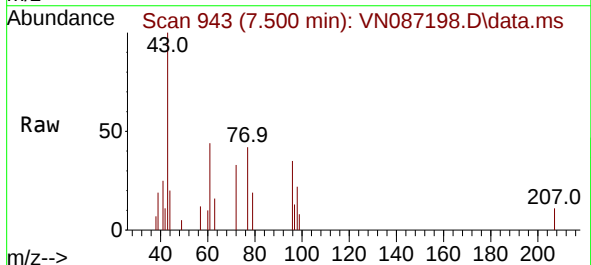
Tgt Ion: 77 Resp: 333
Ion Ratio Lower Upper
77 100
97 17.5 11.6 34.7

Manual Integrations
APPROVED

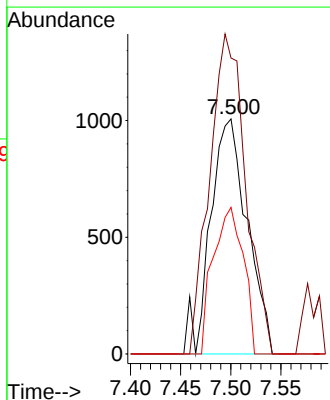
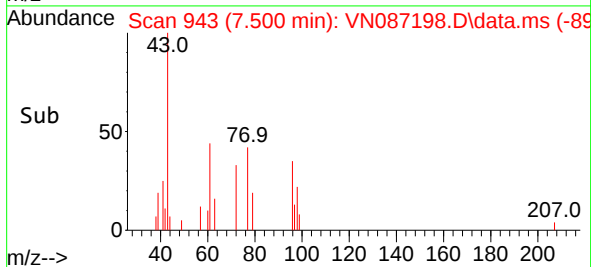
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

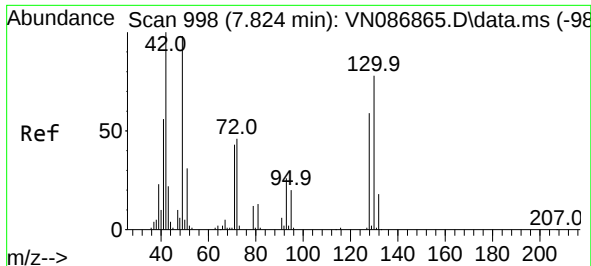


#27
cis-1,2-Dichloroethene
Concen: 0.935 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



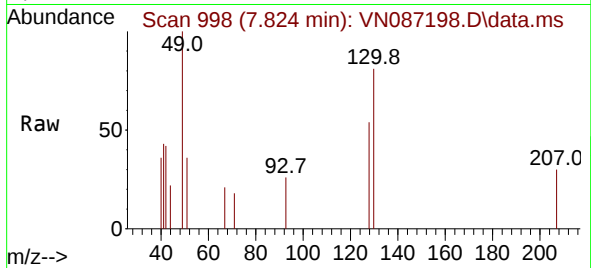
Tgt Ion: 96 Resp: 2574
Ion Ratio Lower Upper
96 100
61 133.3 0.0 278.0
98 50.9 0.0 128.2





#28
Bromochloromethane
Concen: 0.898 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

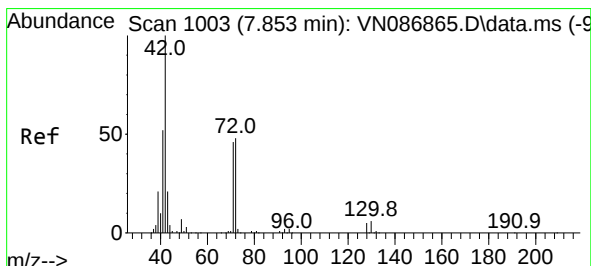
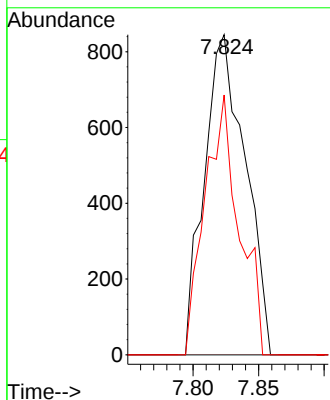
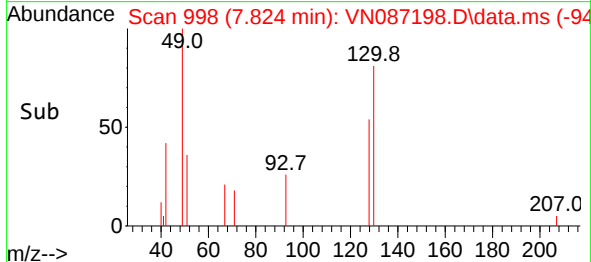
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



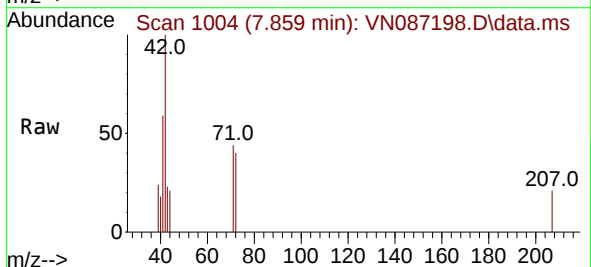
Tgt Ion: 49 Resp: 1838
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 67.7 62.2 93.2

Manual Integrations
APPROVED

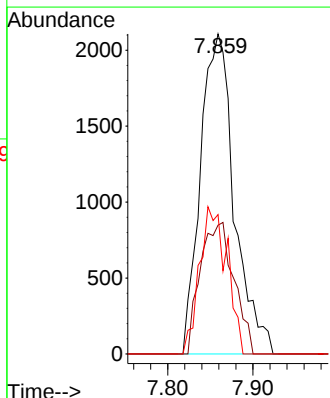
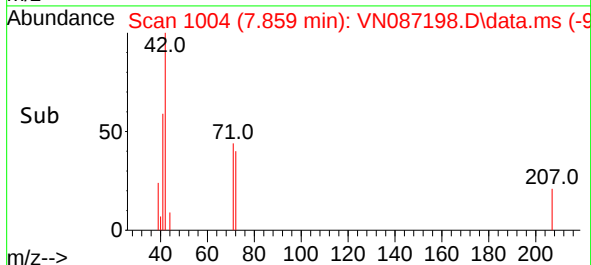
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

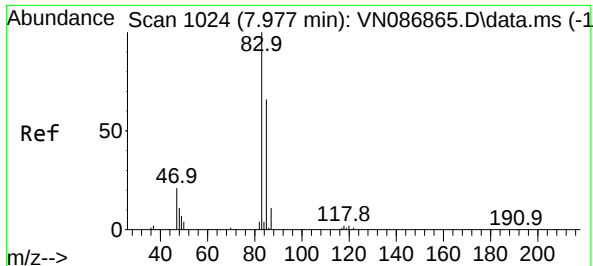


#29
Tetrahydrofuran
Concen: 4.164 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



Tgt Ion: 42 Resp: 5819
Ion Ratio Lower Upper
42 100
72 40.8 37.8 56.6
71 37.4 35.6 53.4





#30

Chloroform

Concen: 0.990 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.012 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

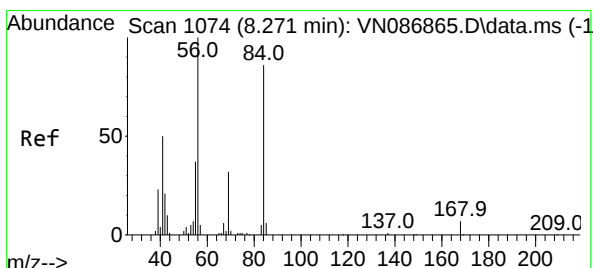
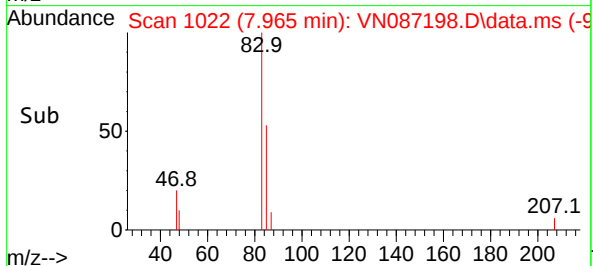
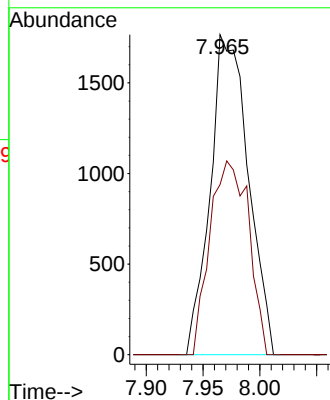
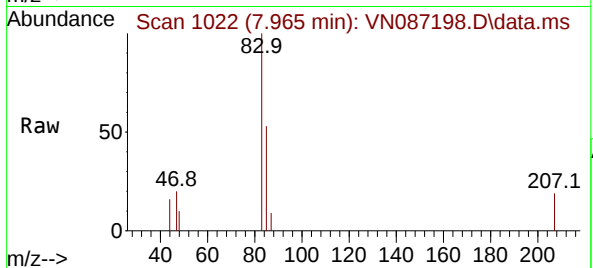
Tgt Ion: 83 Resp: 4114
 Ion Ratio Lower Upper
 83 100
 85 53.2 52.9 79.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#31

Cyclohexane

Concen: 0.949 ug/l

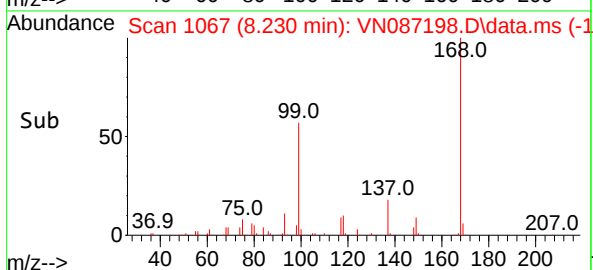
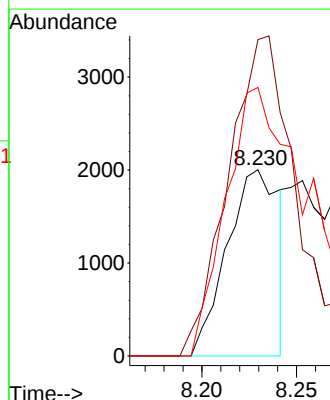
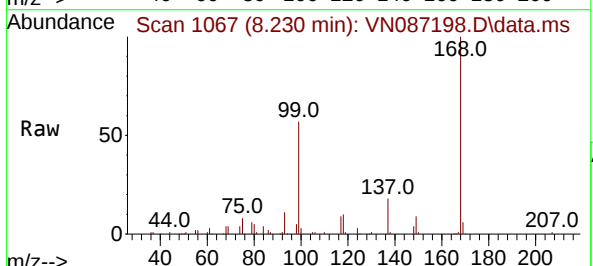
RT: 8.230 min Scan# 1067

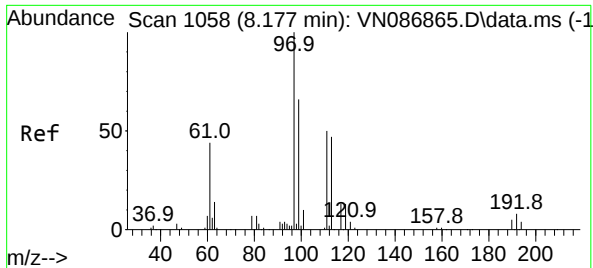
Delta R.T. -0.041 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Tgt Ion: 56 Resp: 3832
 Ion Ratio Lower Upper
 56 100
 69 169.9 25.4 38.0#
 84 144.2 68.8 103.2#





#32
1,1,1-Trichloroethane
Concen: 1.056 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

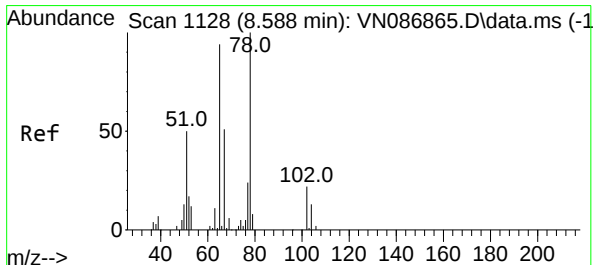
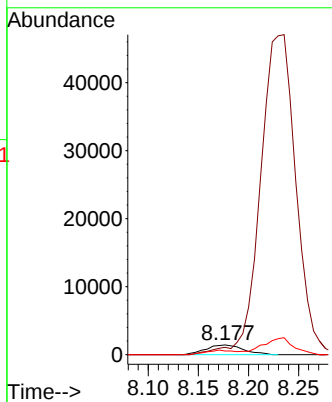
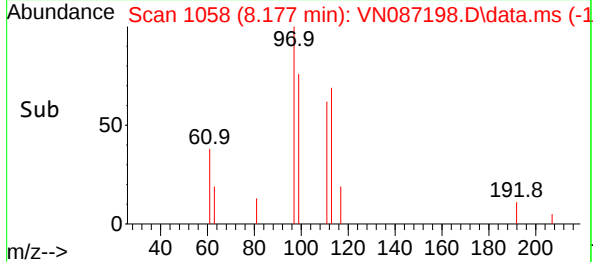
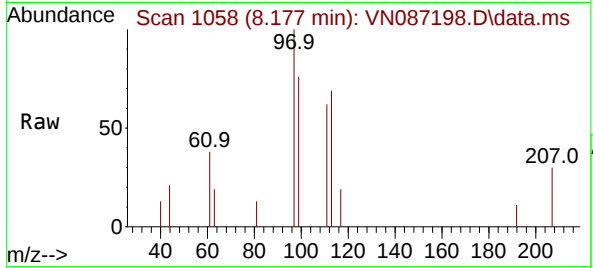
Tgt Ion: 97 Resp: 373
Ion Ratio Lower Upper
97 100
99 0.0 52.0 78.0
61 33.4 35.9 53.9

Manual Integrations

APPROVED

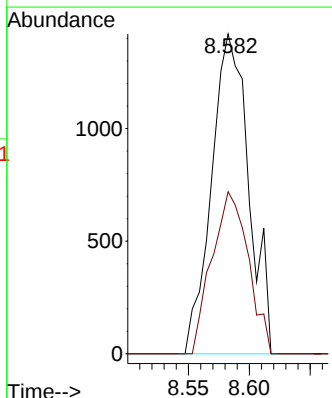
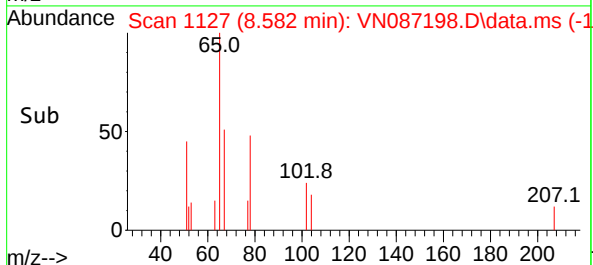
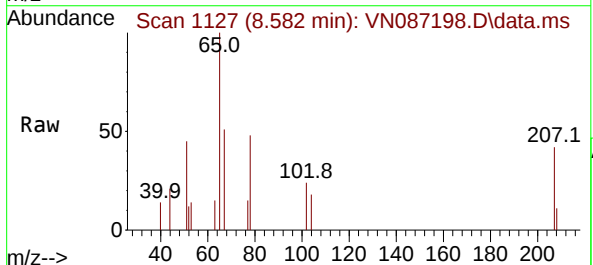
Reviewed By :John Carlone 06/27/2025

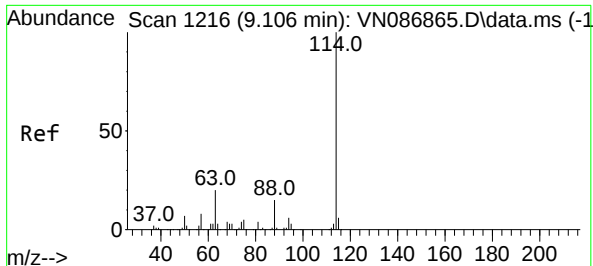
Supervised By :Mahesh Dadoda 06/27/2025



#33
1,2-Dichloroethane-d4
Concen: 1.217 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 65 Resp: 3028
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 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:114 Resp: 34536

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

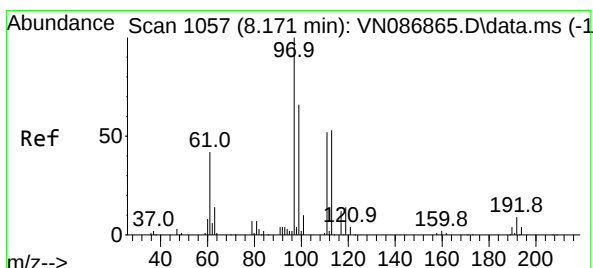
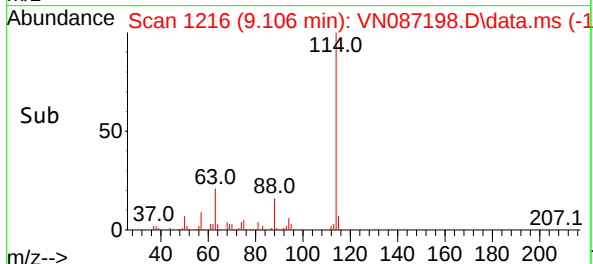
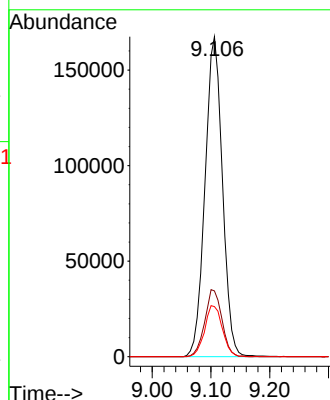
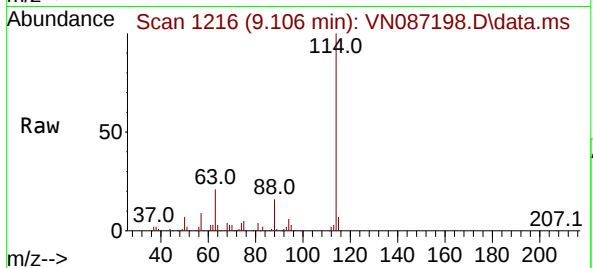
88 15.7 0.0 30.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#35

Dibromofluoromethane

Concen: 0.990 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

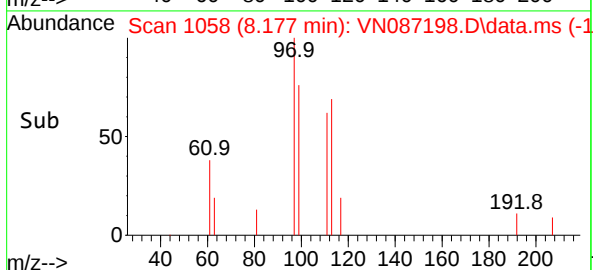
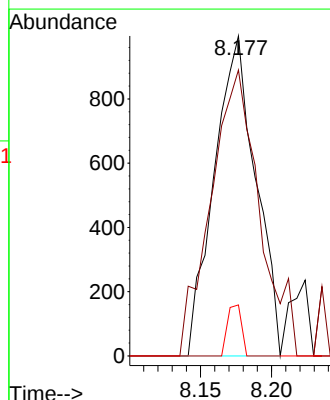
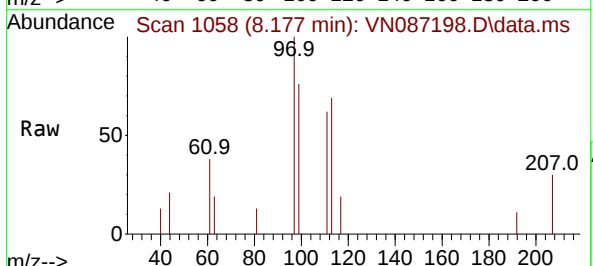
Tgt Ion:113 Resp: 2027

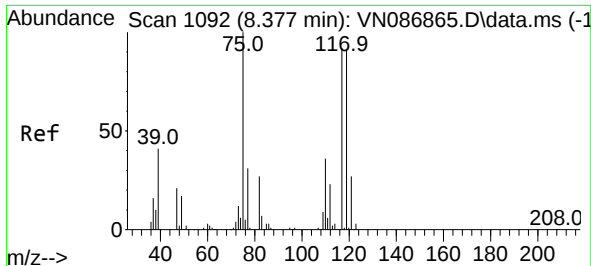
Ion Ratio Lower Upper

113 100

111 104.5 84.2 126.2

192 5.4 14.2 21.4#





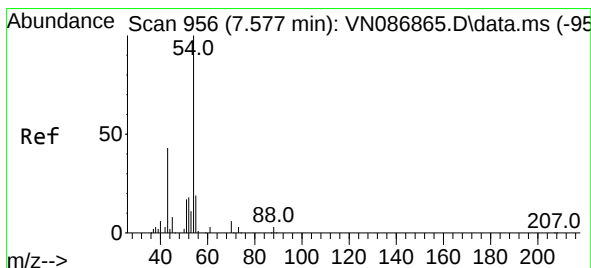
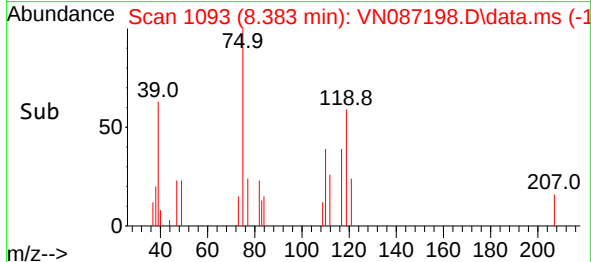
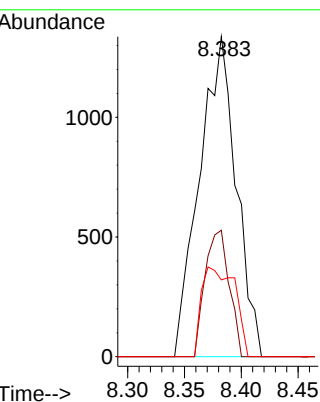
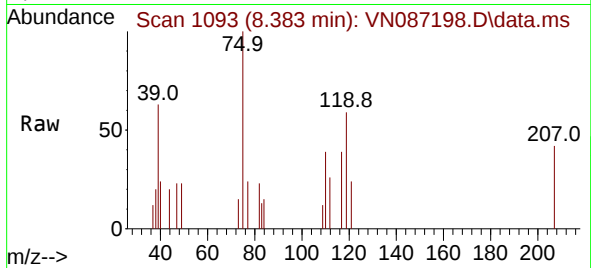
#36
1,1-Dichloropropene
Concen: 0.986 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 3000
Ion Ratio Lower Upper
75 100
110 25.9 17.6 52.9
77 25.2 25.3 37.9

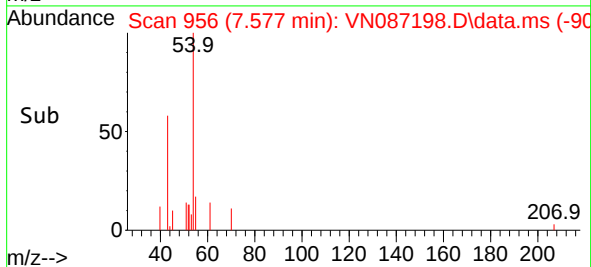
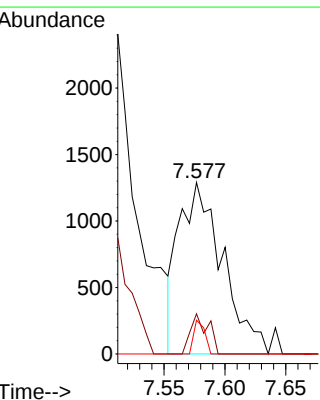
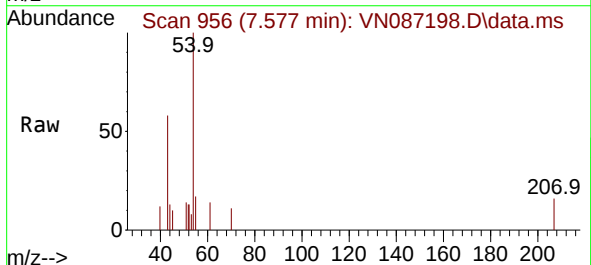
Manual Integrations
APPROVED

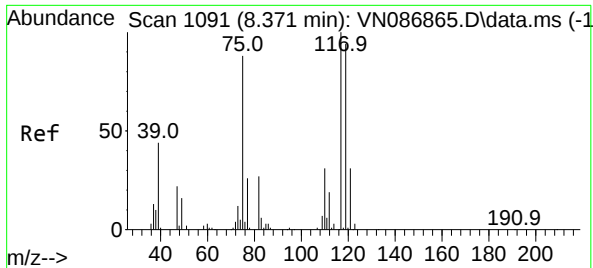
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#37
Ethyl Acetate
Concen: 0.826 ug/l
RT: 7.577 min Scan# 956
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

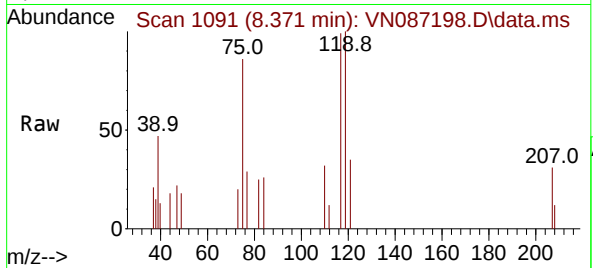
Tgt Ion: 43 Resp: 3206
Ion Ratio Lower Upper
43 100
61 9.5 12.1 18.1#
70 5.0 9.8 14.6#





#38
Carbon Tetrachloride
Concen: 0.932 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

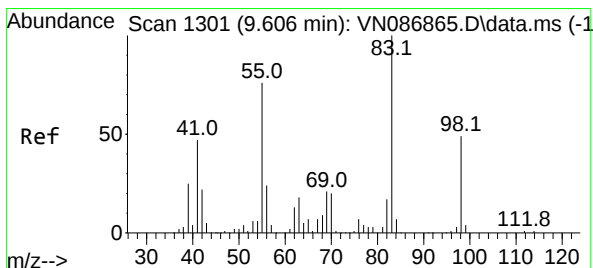
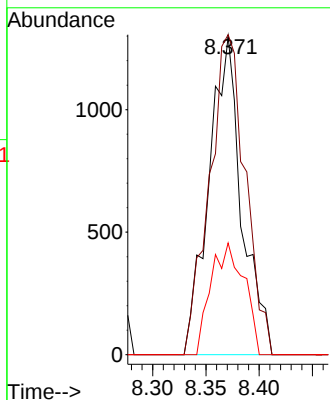
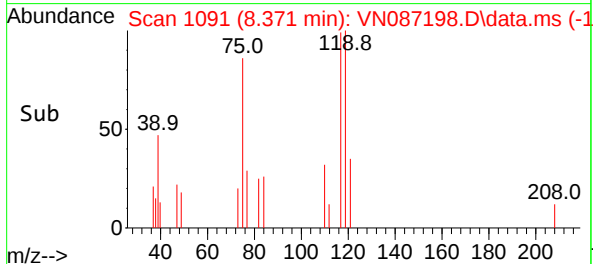
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 2790
Ion Ratio Lower Upper
117 100
119 100.6 75.0 112.6
121 35.1 24.9 37.3

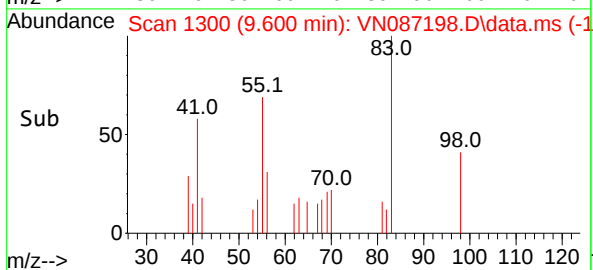
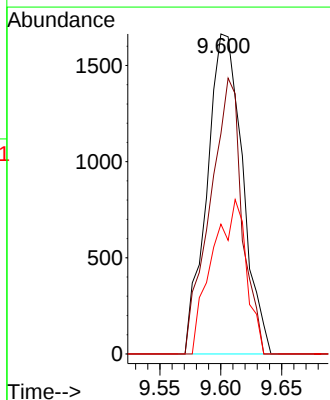
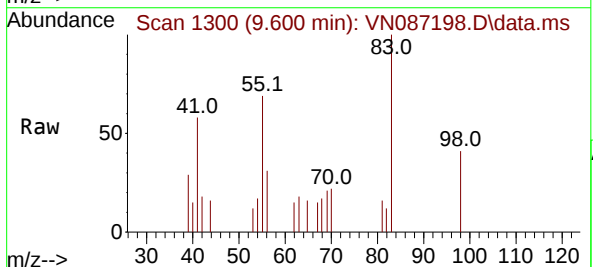
Manual Integrations
APPROVED

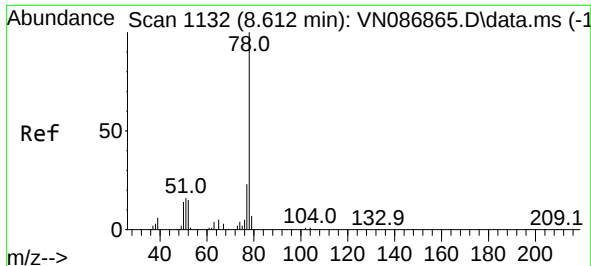
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#39
Methylcyclohexane
Concen: 0.812 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

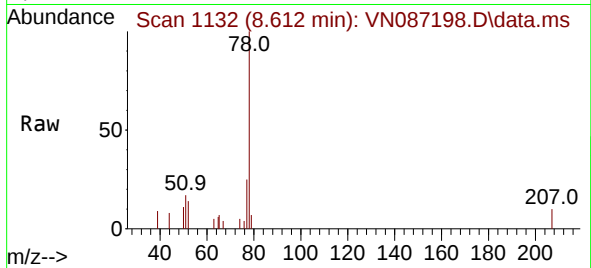
Tgt Ion: 83 Resp: 3393
Ion Ratio Lower Upper
83 100
55 68.9 61.0 91.6
98 40.6 38.9 58.3





#40
Benzene
Concen: 0.965 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

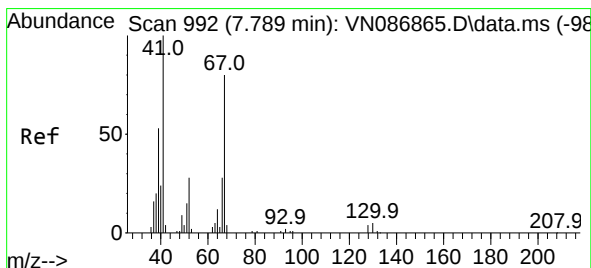
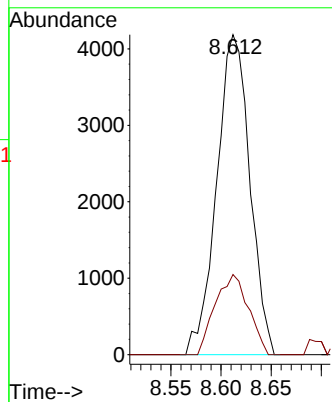
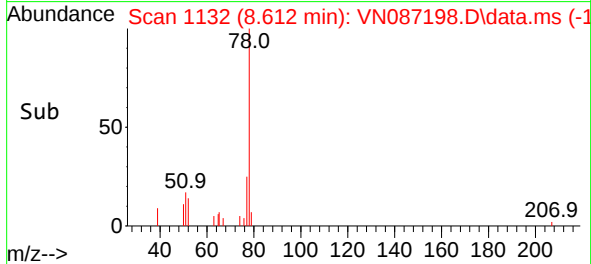
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 78 Resp: 962
Ion Ratio Lower Upper
78 100
77 25.0 18.7 28.1

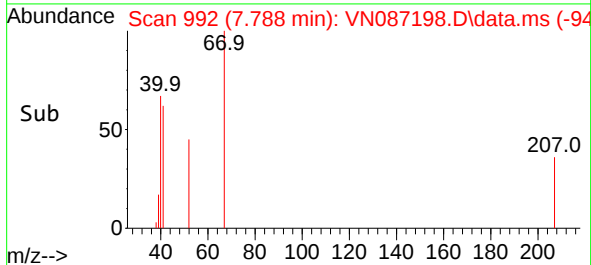
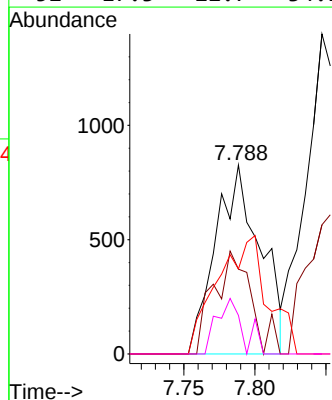
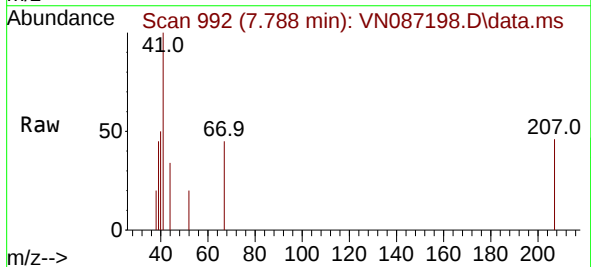
Manual Integrations
APPROVED

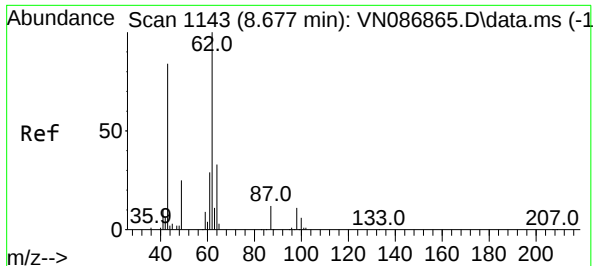
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#41
Methacrylonitrile
Concen: 0.831 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 41 Resp: 1812
Ion Ratio Lower Upper
41 100
39 45.6 41.2 61.8
67 70.3 61.4 92.2
52 17.3 22.7 34.1#





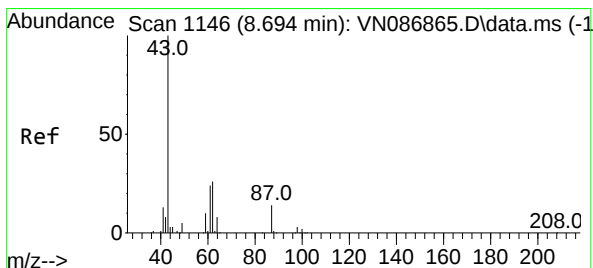
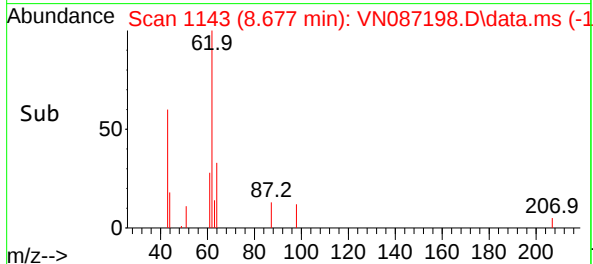
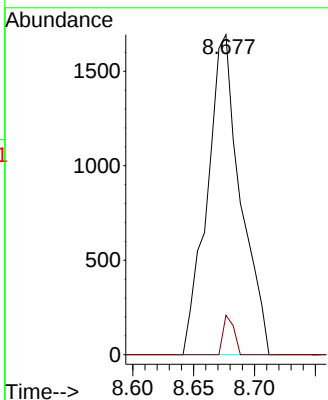
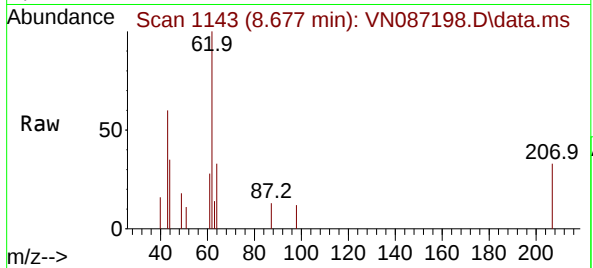
#42
1,2-Dichloroethane
Concen: 1.068 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 3230
Ion Ratio Lower Upper
62 100
98 4.0 0.0 21.2

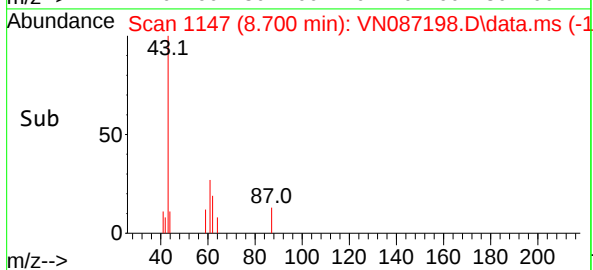
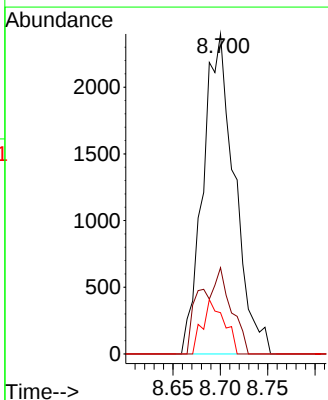
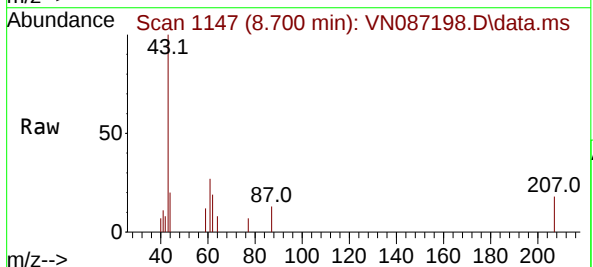
Manual Integrations
APPROVED

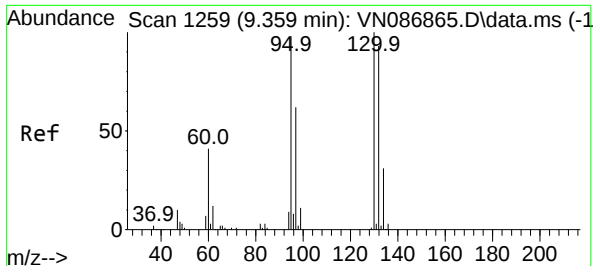
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#43
Isopropyl Acetate
Concen: 0.889 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 43 Resp: 5541
Ion Ratio Lower Upper
43 100
61 26.1 22.1 33.1
87 11.7 11.8 17.6





#44
Trichloroethene
Concen: 0.908 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

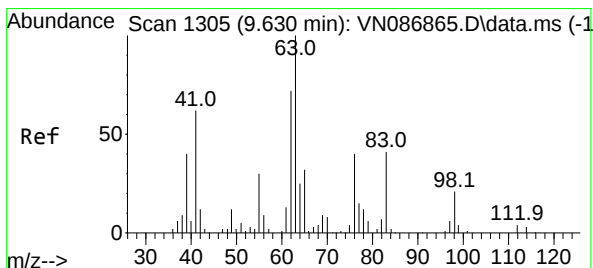
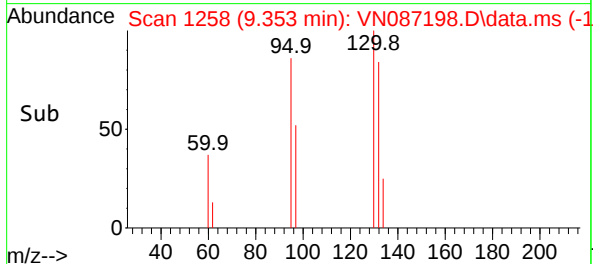
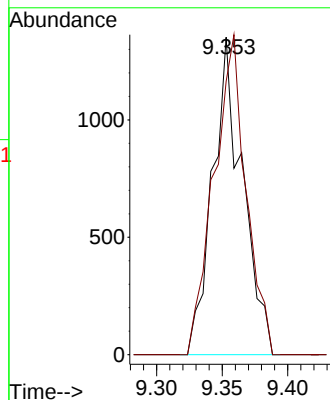
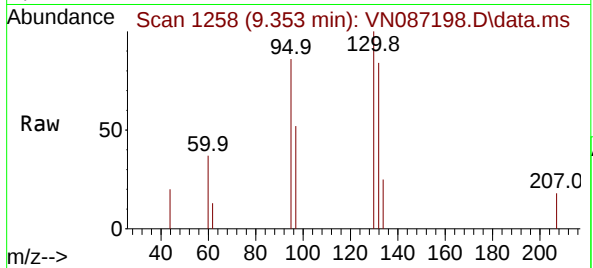
VSTDICC001

Tgt Ion:130 Resp: 214
Ion Ratio Lower Upper
130 100
95 86.0 0.0 196.2

Manual Integrations

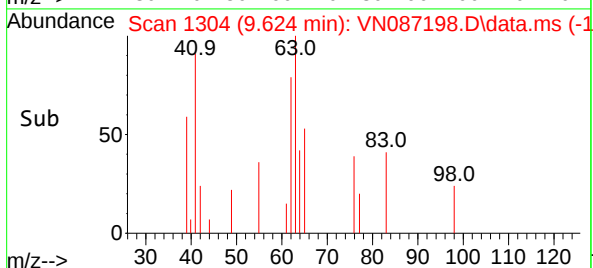
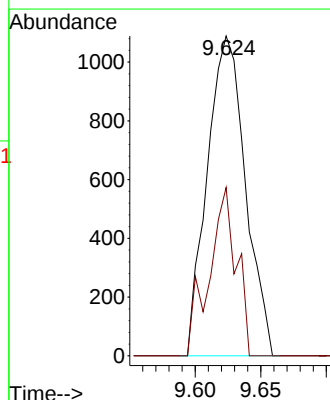
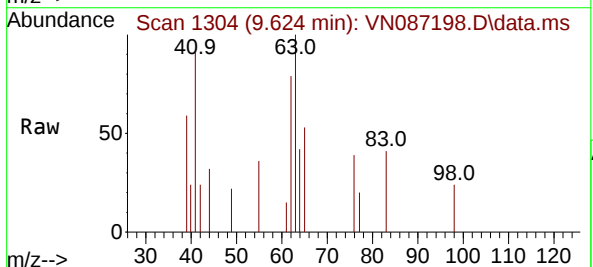
APPROVED

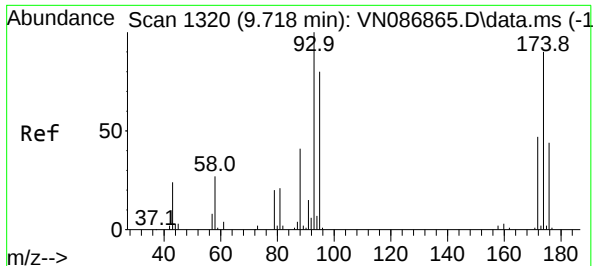
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#45
1,2-Dichloropropane
Concen: 0.908 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

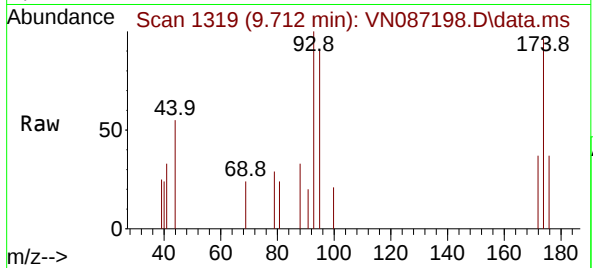
Tgt Ion: 63 Resp: 2204
Ion Ratio Lower Upper
63 100
65 52.6 25.5 38.3#





#46
Dibromomethane
Concen: 0.941 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

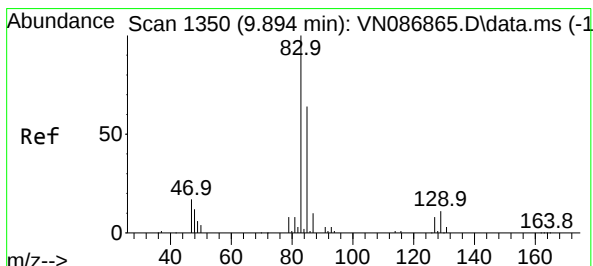
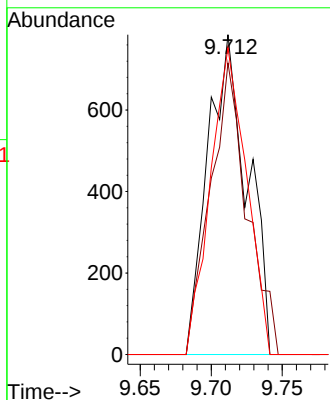
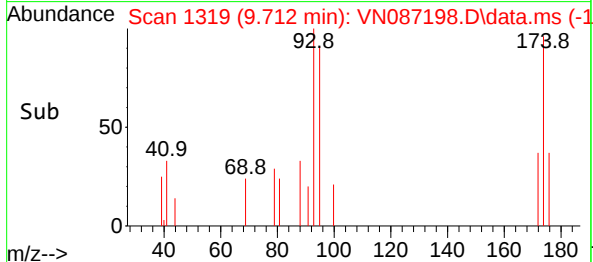
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



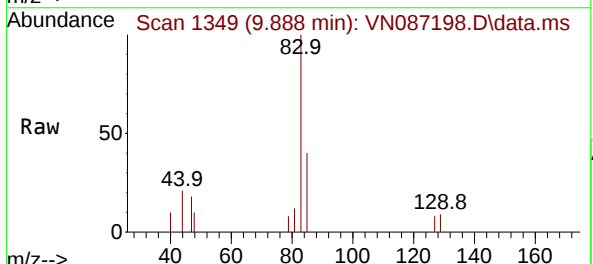
Tgt Ion: 93 Resp: 1510
Ion Ratio Lower Upper
93 100
95 84.9 67.1 100.7
174 87.9 74.2 111.4

Manual Integrations
APPROVED

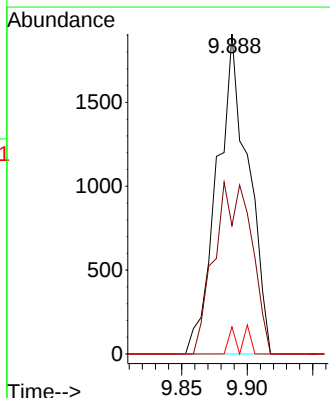
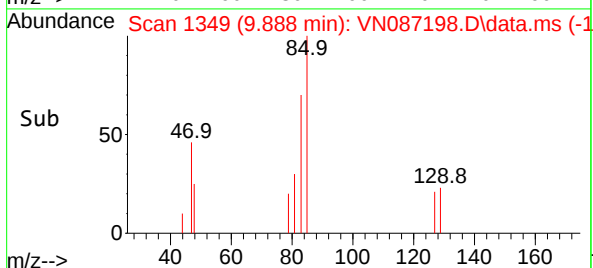
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

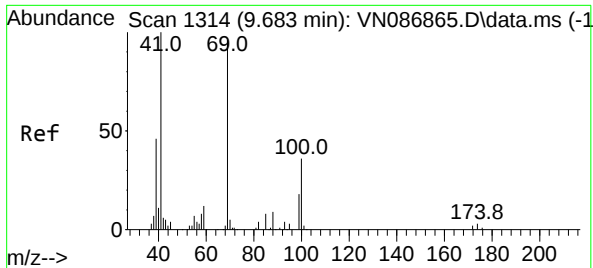


#47
Bromodichloromethane
Concen: 0.954 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



Tgt Ion: 83 Resp: 3163
Ion Ratio Lower Upper
83 100
85 40.1 50.9 76.3#
127 8.4 6.6 10.0





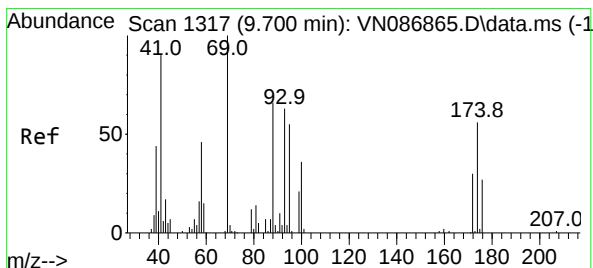
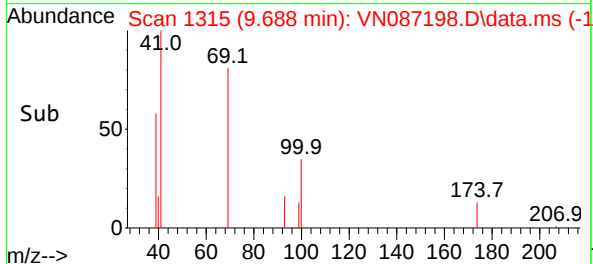
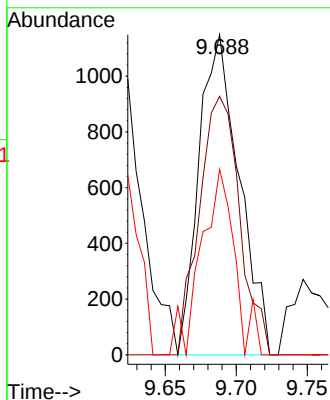
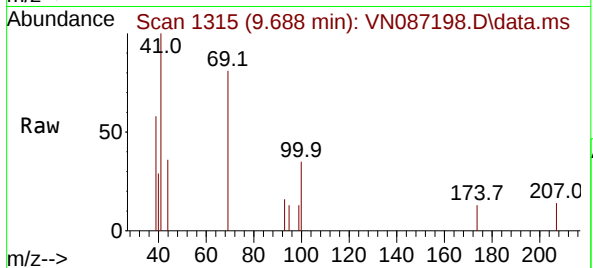
#48
Methyl methacrylate
Concen: 0.789 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 41 Resp: 226
Ion Ratio Lower Upper
41 100
69 81.3 74.6 112.0
39 48.3 40.2 60.4

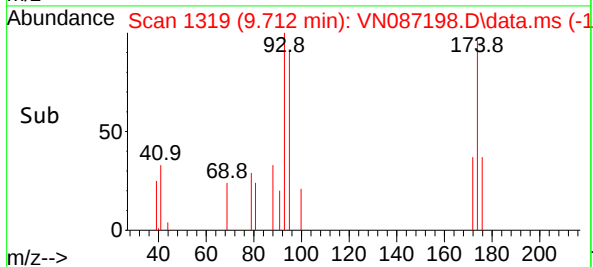
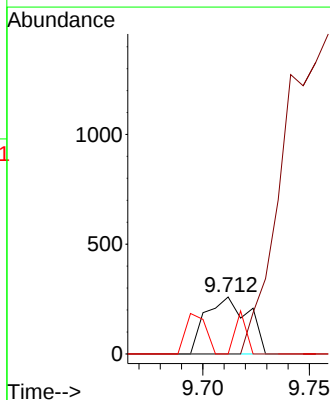
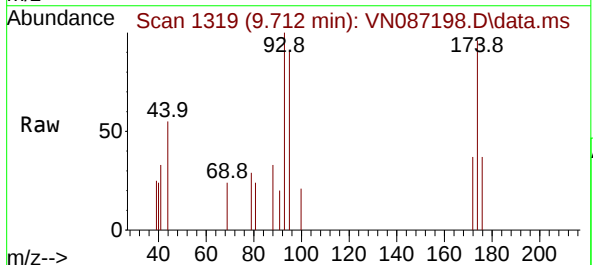
Manual Integrations
APPROVED

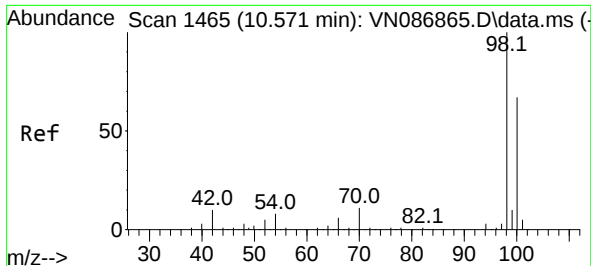
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#49
1,4-Dioxane
Concen: 6.938 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 88 Resp: 362
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 19.1 57.7 86.5





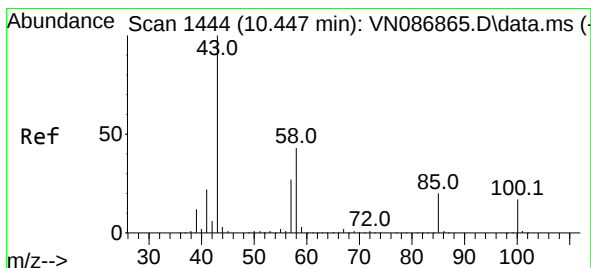
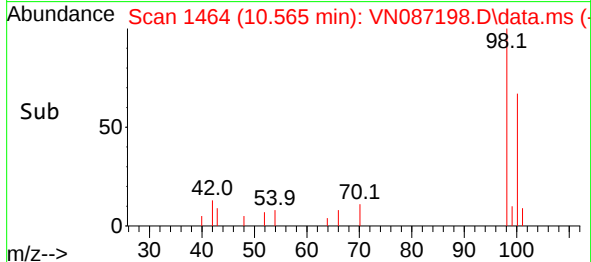
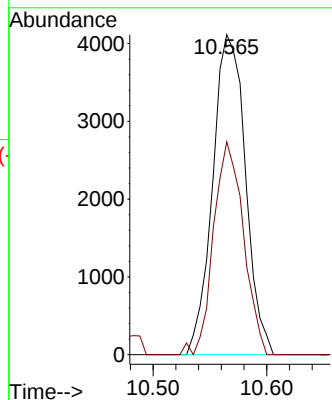
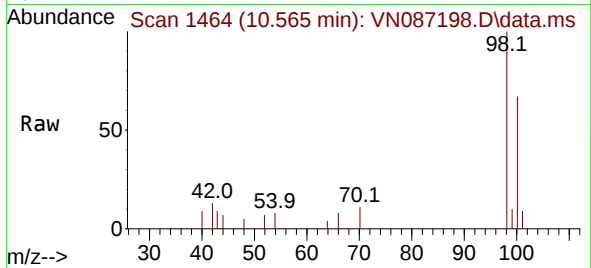
#50
Toluene-d8
Concen: 1.018 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98 Resp: 8250
Ion Ratio Lower Upper
98 100
100 60.6 53.4 80.0

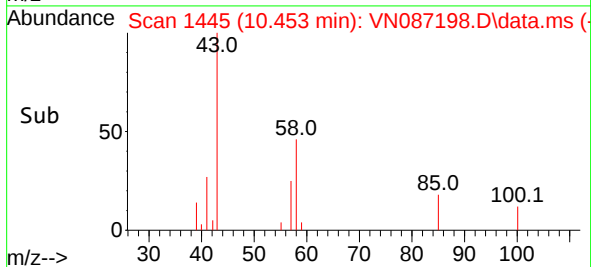
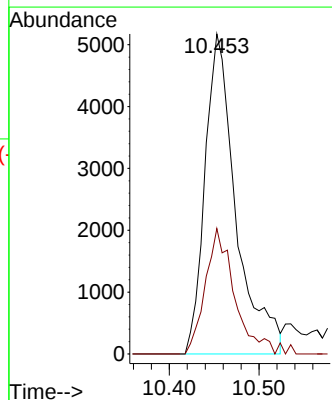
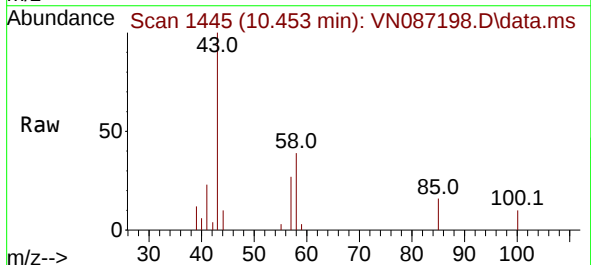
Manual Integrations
APPROVED

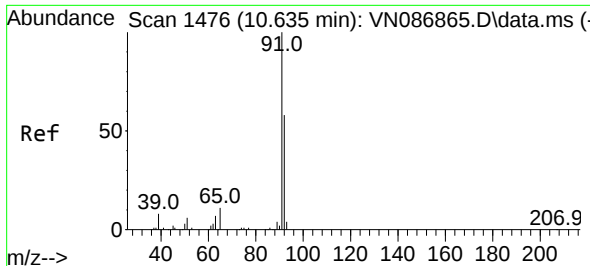
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#51
4-Methyl-2-Pentanone
Concen: 3.304 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

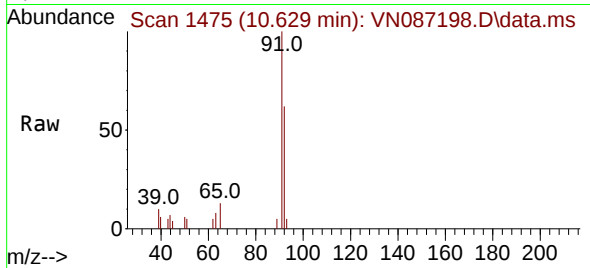
Tgt Ion: 43 Resp: 12393
Ion Ratio Lower Upper
43 100
58 36.7 34.2 51.4





#52
Toluene
Concen: 0.859 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

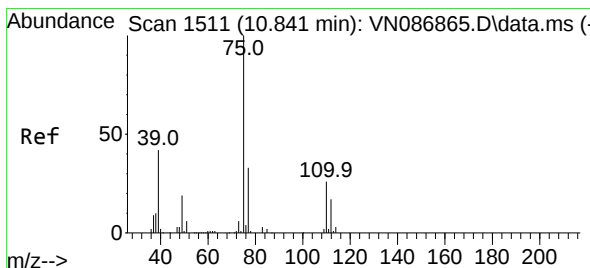
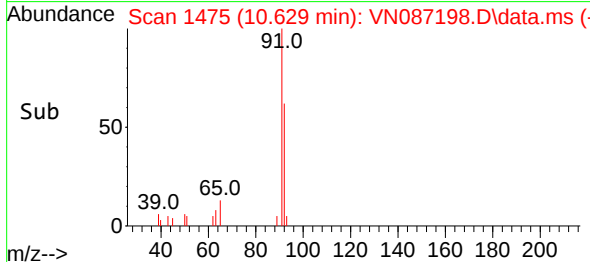
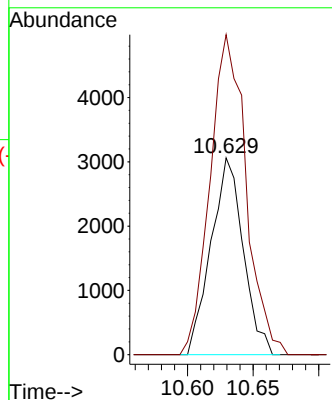
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 5230
Ion Ratio Lower Upper
92 100
91 181.6 136.5 204.7

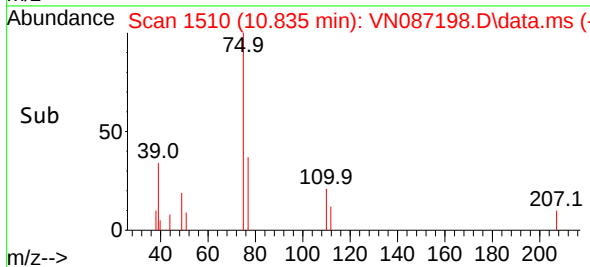
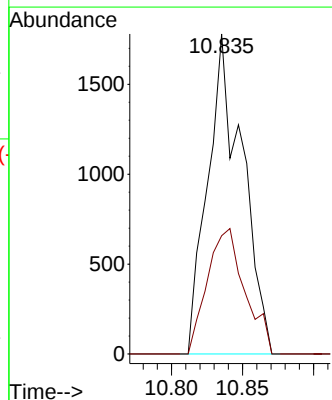
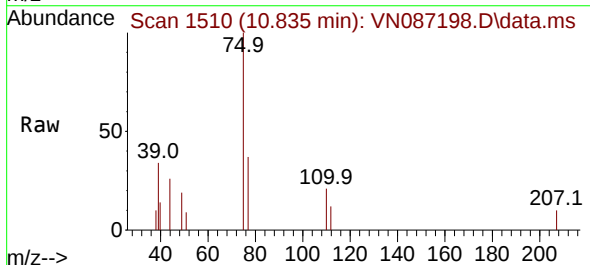
Manual Integrations
APPROVED

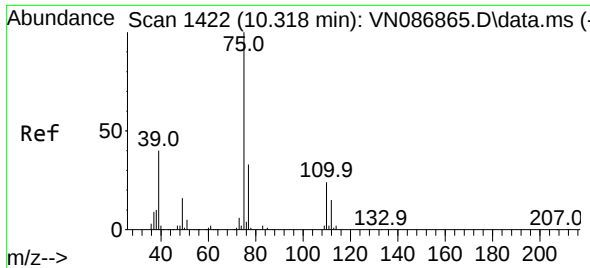
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#53
t-1,3-Dichloropropene
Concen: 0.812 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

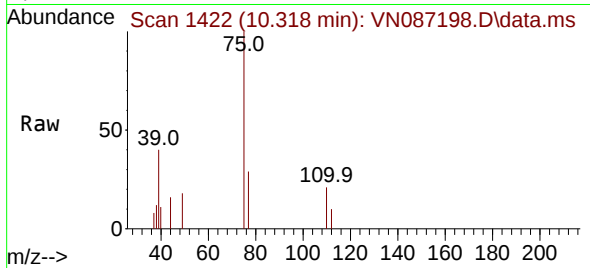
Tgt Ion: 75 Resp: 3011
Ion Ratio Lower Upper
75 100
77 37.0 26.4 39.6





#54
cis-1,3-Dichloropropene
Concen: 0.860 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

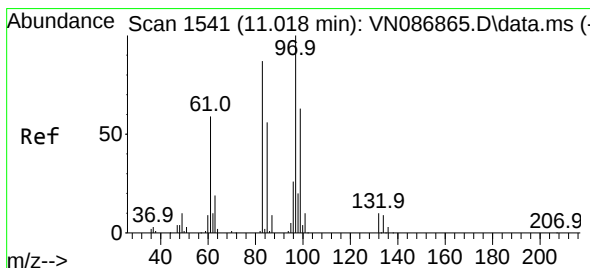
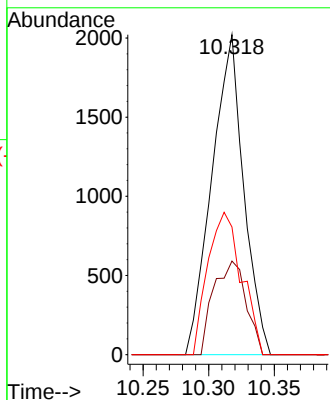
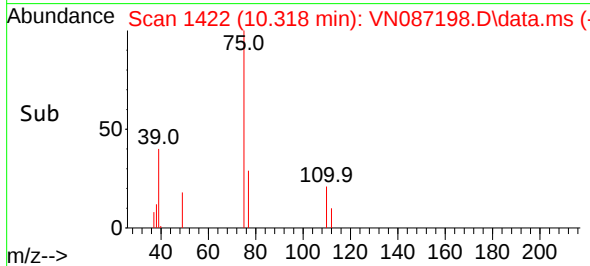
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 3410
Ion Ratio Lower Upper
75 100
77 29.2 26.2 39.4
39 39.9 32.3 48.5

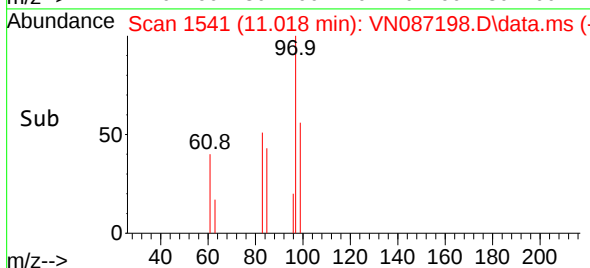
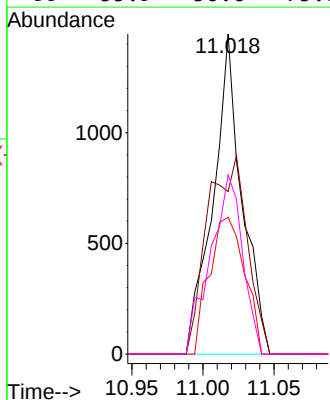
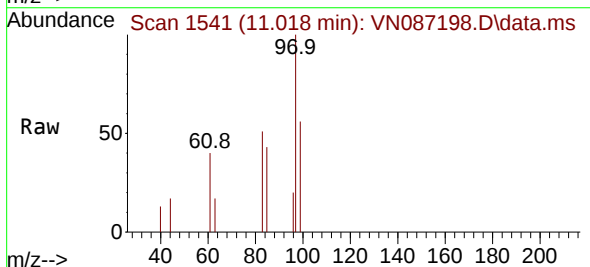
Manual Integrations
APPROVED

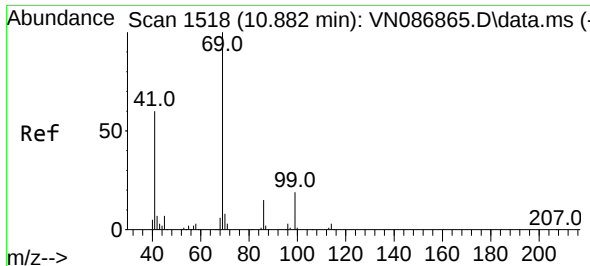
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#55
1,1,2-Trichloroethane
Concen: 0.874 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

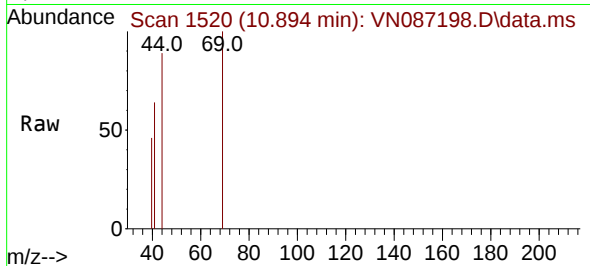
Tgt Ion: 97 Resp: 2049
Ion Ratio Lower Upper
97 100
83 50.8 69.7 104.5#
85 42.7 45.1 67.7#
99 55.9 50.6 75.8





#56
Ethyl methacrylate
Concen: 0.267 ug/l
RT: 10.894 min Scan# 1518
Delta R.T. 0.012 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

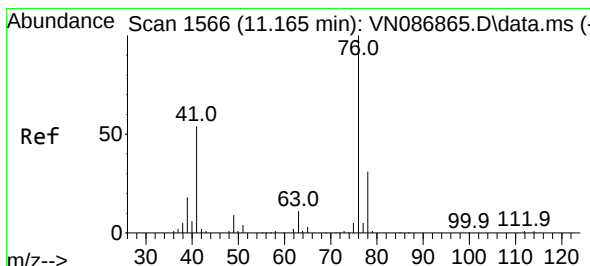
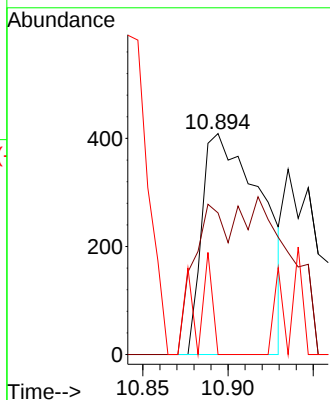
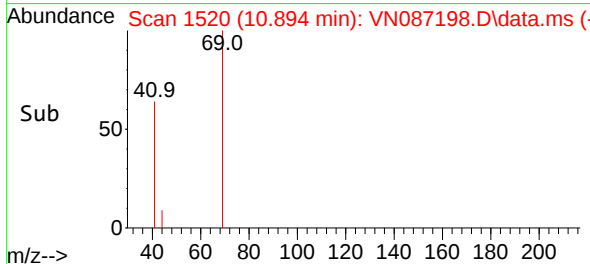
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 997
Ion Ratio Lower Upper
69 100
41 38.6 47.2 70.8
39 5.6 23.0 34.6

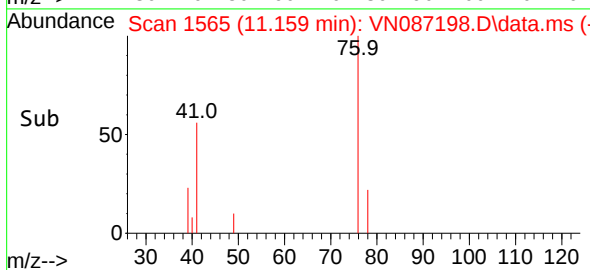
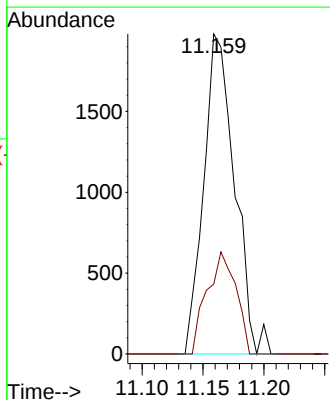
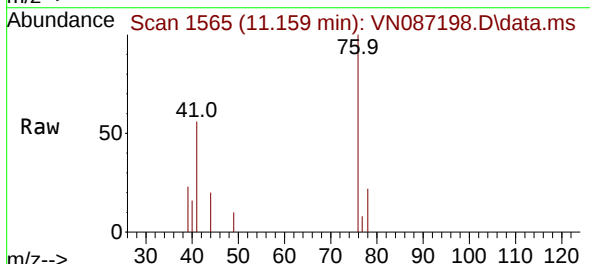
Manual Integrations
APPROVED

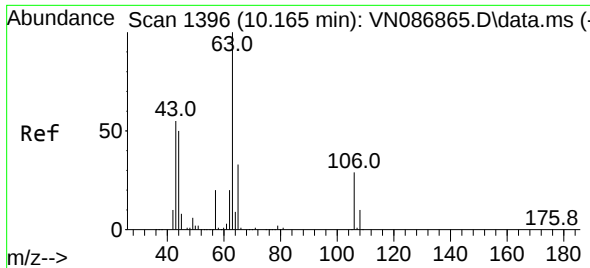
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#57
1,3-Dichloropropane
Concen: 0.858 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 76 Resp: 3490
Ion Ratio Lower Upper
76 100
78 30.0 25.3 37.9





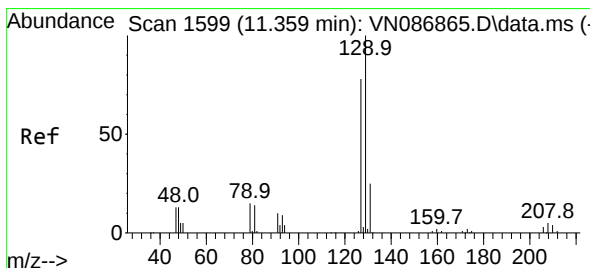
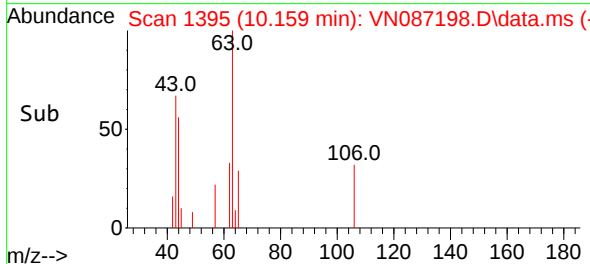
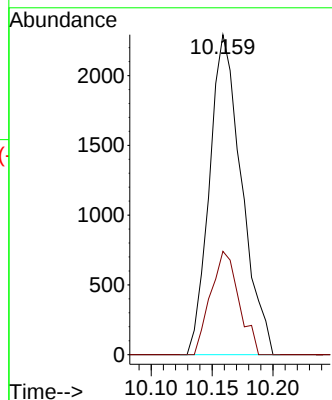
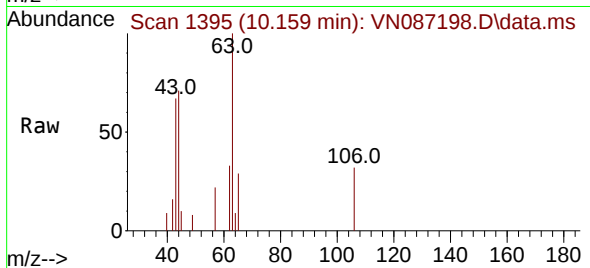
#58
2-Chloroethyl Vinyl ether
Concen: 1.887 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 4204
Ion Ratio Lower Upper
63 100
106 28.4 23.0 34.6

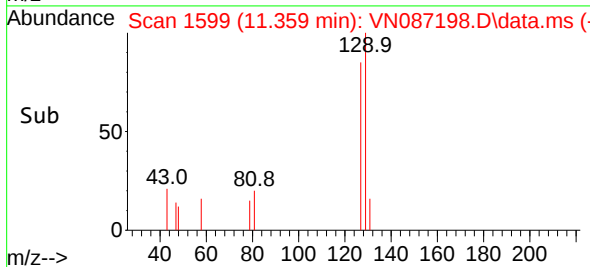
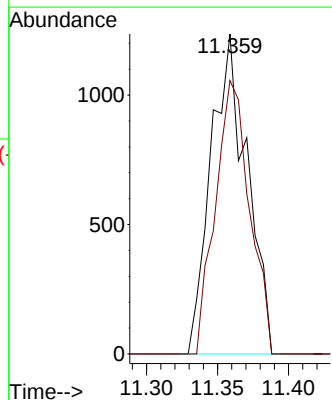
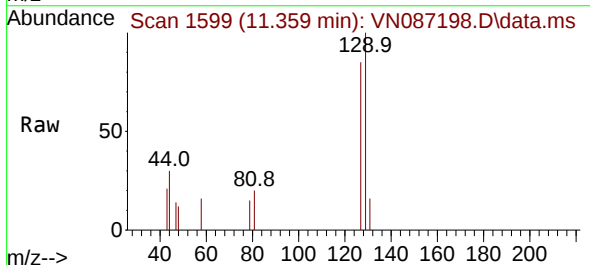
Manual Integrations
APPROVED

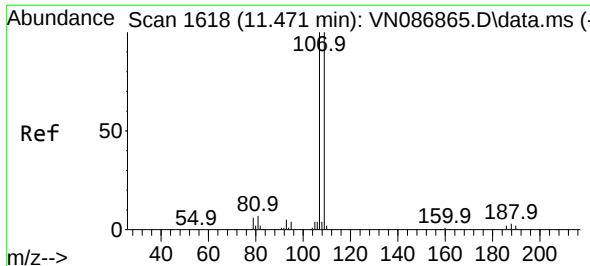
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#60
Dibromochloromethane
Concen: 0.894 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

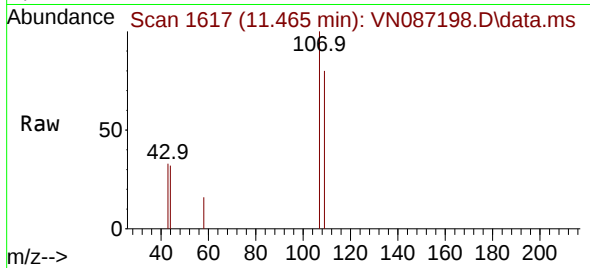
Tgt Ion:129 Resp: 2184
Ion Ratio Lower Upper
129 100
127 81.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 0.882 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

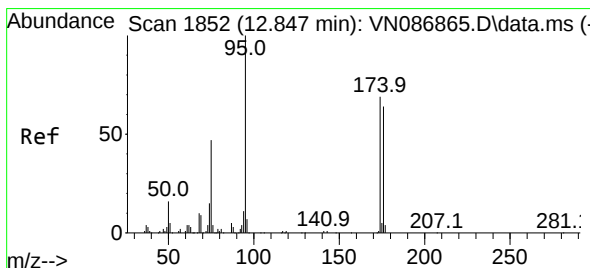
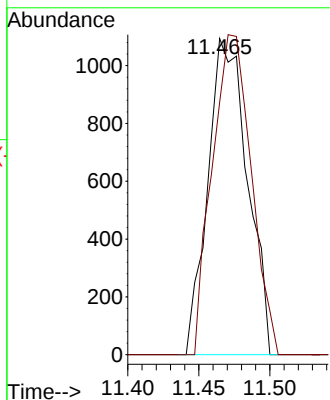
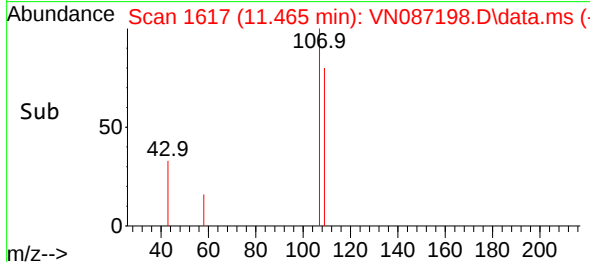
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



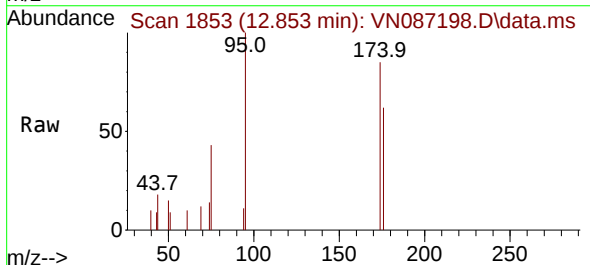
Tgt Ion: 107 Resp: 2119
Ion Ratio Lower Upper
107 100
109 100.0 76.3 114.5

Manual Integrations
APPROVED

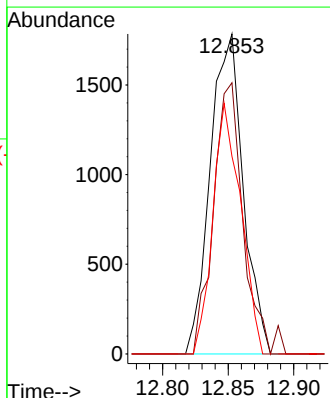
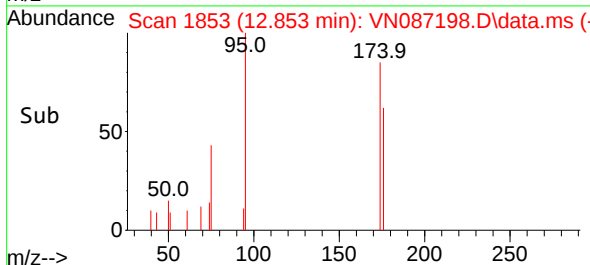
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

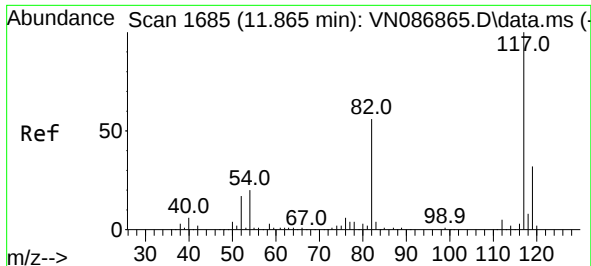


#62
4-Bromofluorobenzene
Concen: 1.037 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



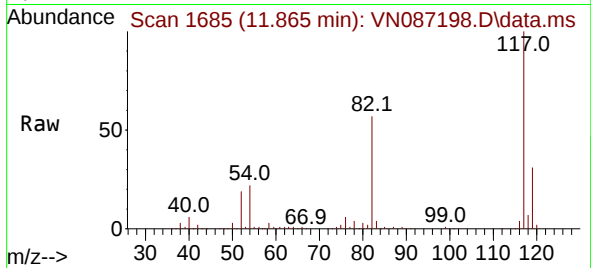
Tgt Ion: 95 Resp: 3122
Ion Ratio Lower Upper
95 100
174 76.7 0.0 141.8
176 66.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

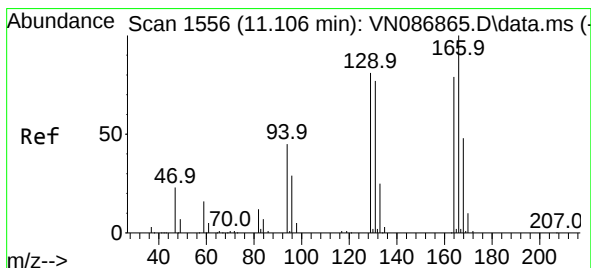
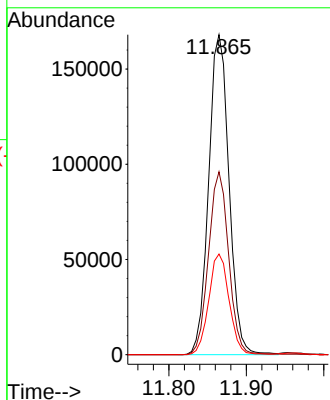
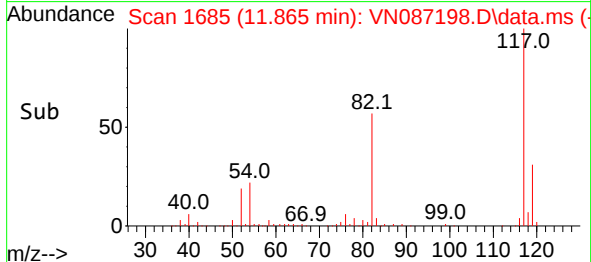
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 30666
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 31.4 25.5 38.3

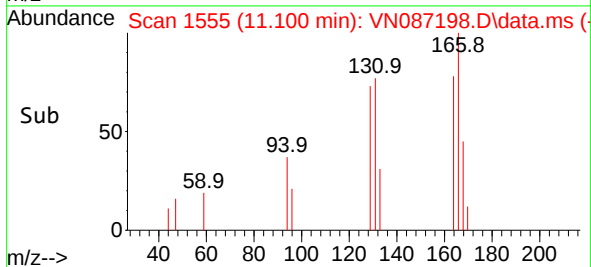
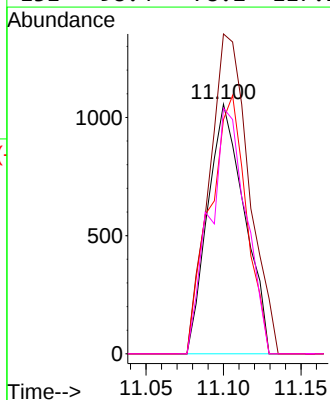
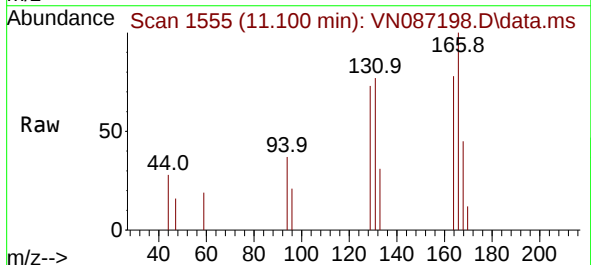
Manual Integrations
APPROVED

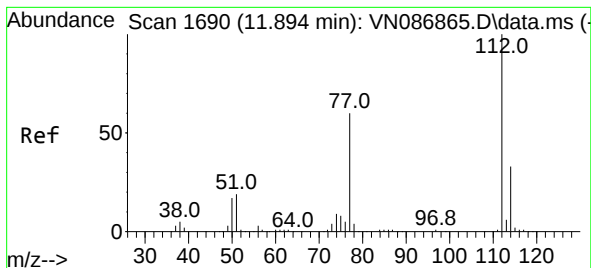
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#64
Tetrachloroethene
Concen: 0.898 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:164 Resp: 1743
Ion Ratio Lower Upper
164 100
166 128.1 101.8 152.8
129 93.8 83.0 124.4
131 98.4 78.2 117.2





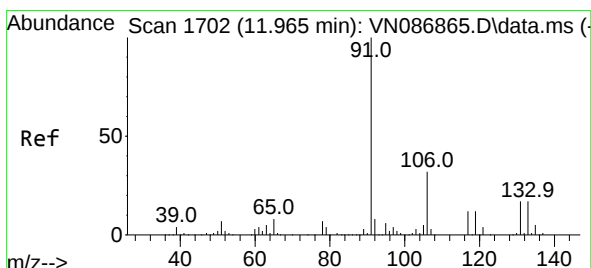
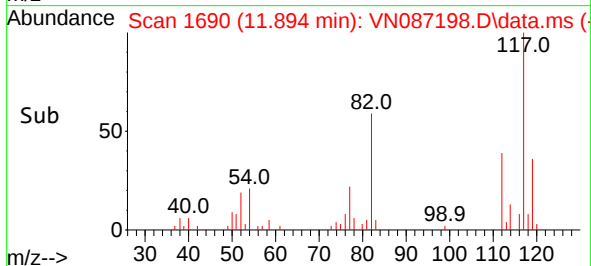
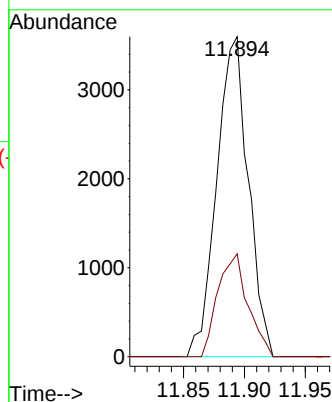
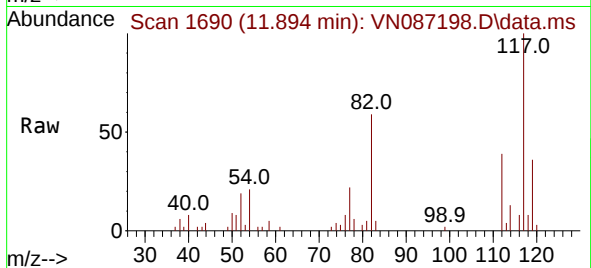
#65
Chlorobenzene
Concen: 0.958 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 6480
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

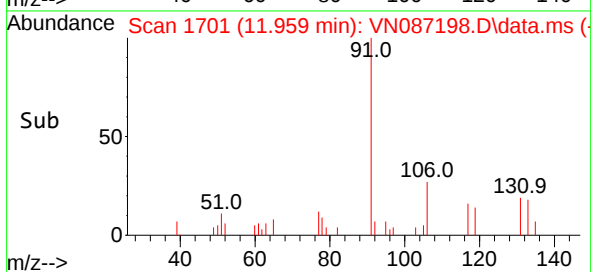
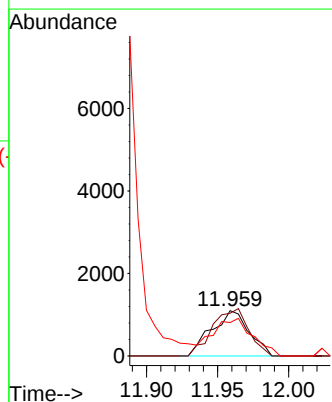
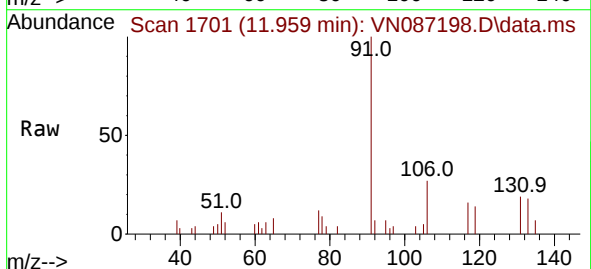
Manual Integrations
APPROVED

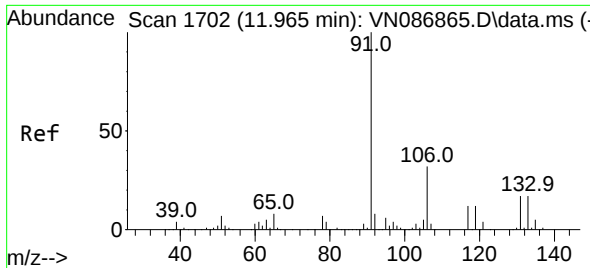
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.925 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:131 Resp: 2011
Ion Ratio Lower Upper
131 100
133 100.9 48.3 144.8
119 0.0 34.0 101.8#





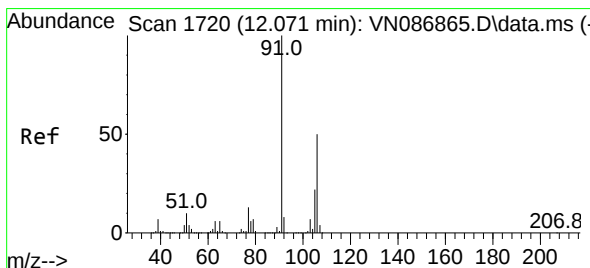
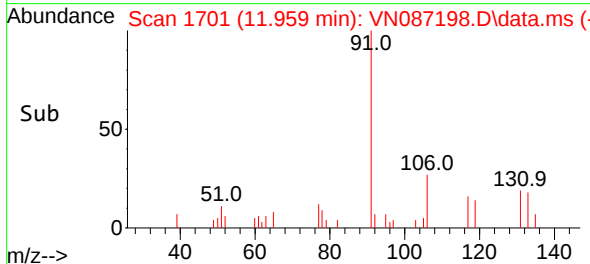
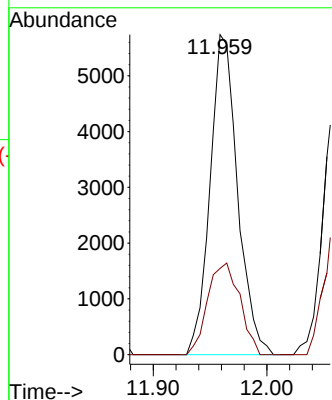
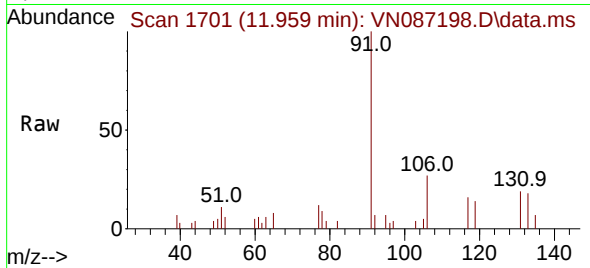
#67
Ethyl Benzene
Concen: 0.830 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9674
Ion Ratio Lower Upper
91 100
106 26.9 25.4 38.2

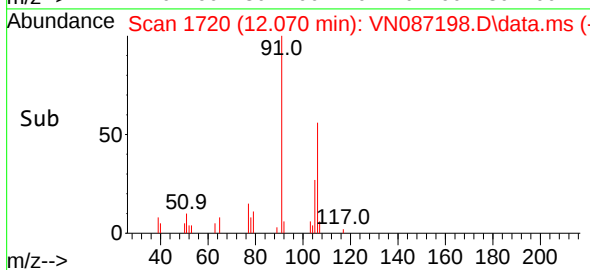
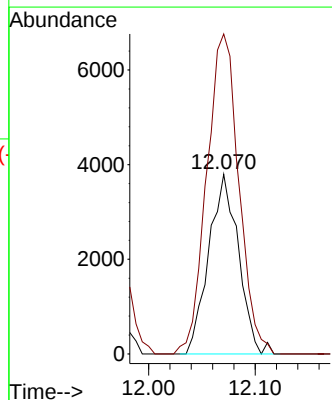
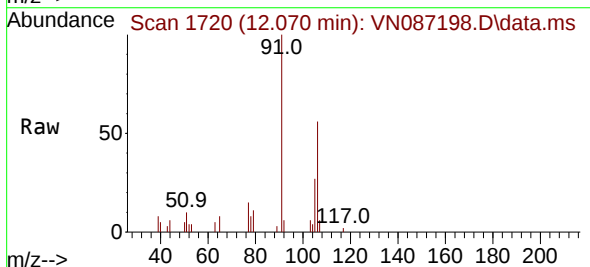
Manual Integrations
APPROVED

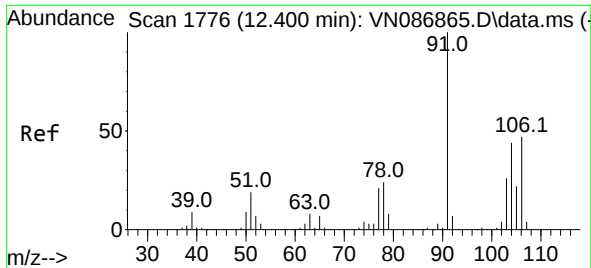
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#68
m/p-Xylenes
Concen: 1.649 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:106 Resp: 7356
Ion Ratio Lower Upper
106 100
91 192.3 159.4 239.0





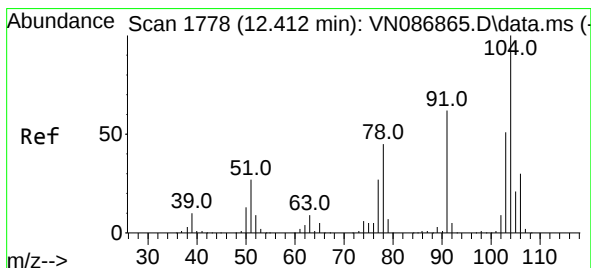
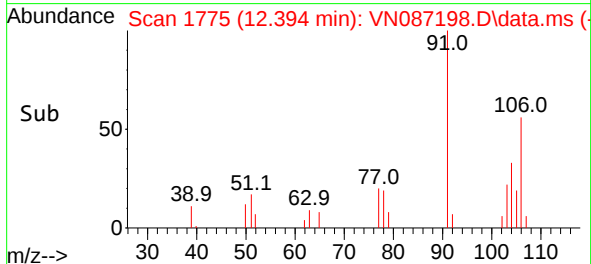
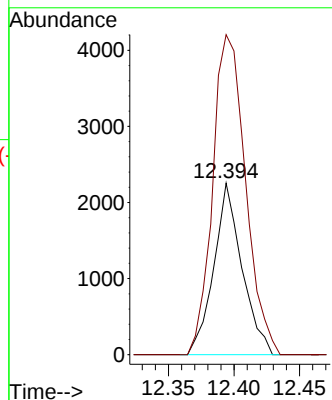
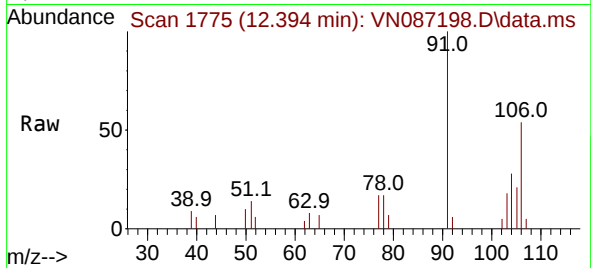
#69
o-Xylene
Concen: 0.788 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 336
Ion Ratio Lower Upper
106 100
91 217.8 106.1 318.1

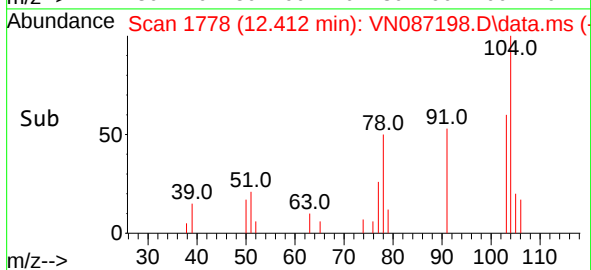
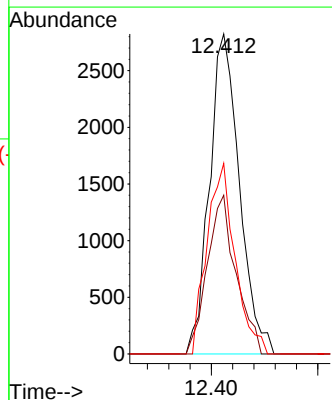
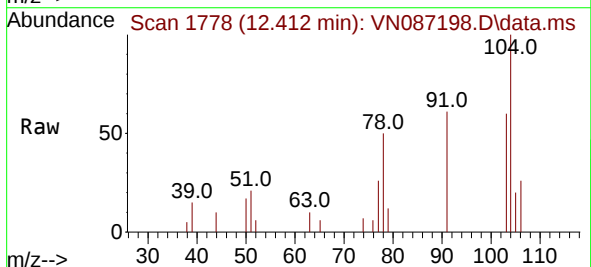
Manual Integrations
APPROVED

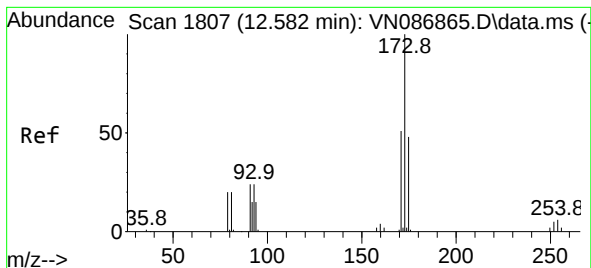
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#70
Styrene
Concen: 0.754 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:104 Resp: 5512
Ion Ratio Lower Upper
104 100
78 47.6 38.5 57.7
103 55.9 43.1 64.7





#71

Bromoform

Concen: 0.857 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

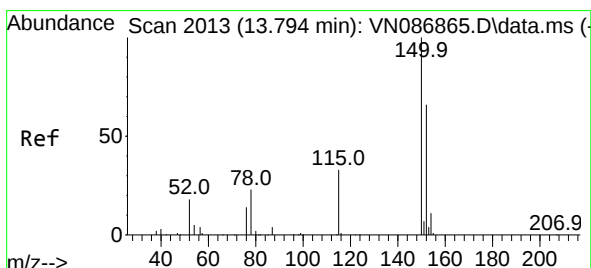
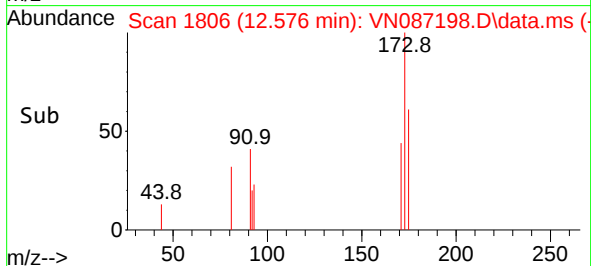
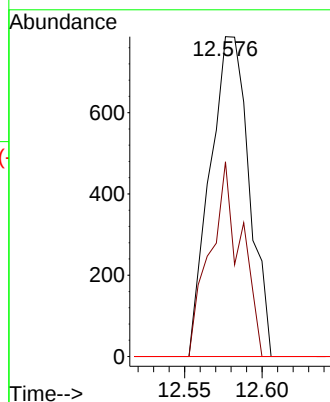
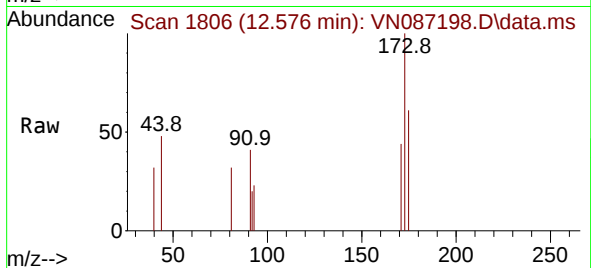
Tgt Ion:173	Resp:	138
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

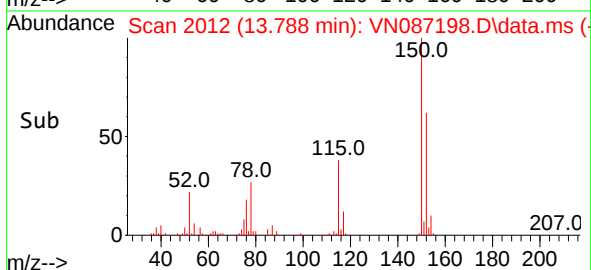
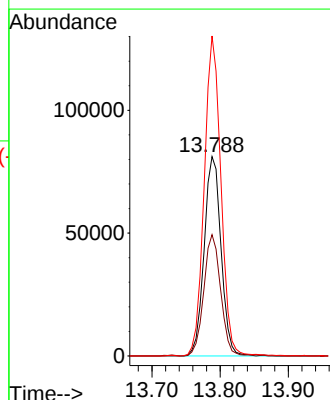
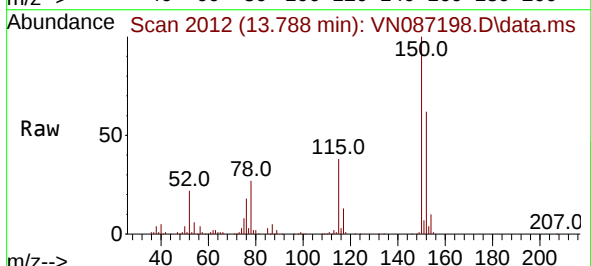
RT: 13.788 min Scan# 2012

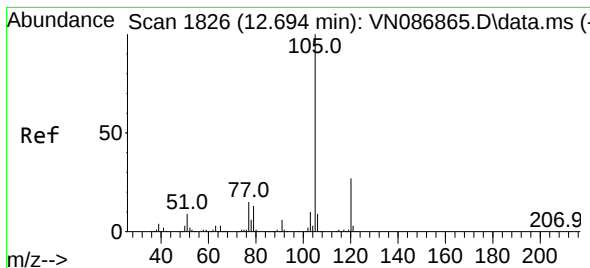
Delta R.T. -0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

Tgt Ion:152	Resp:	140136
Ion Ratio	Lower	Upper
152	100	
115	60.5	30.1 90.5
150	158.2	0.0 345.0





#73

Isopropylbenzene

Concen: 0.789 ug/l

RT: 12.694 min Scan# 1826

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: 805

Ion Ratio Lower Upper

105 100

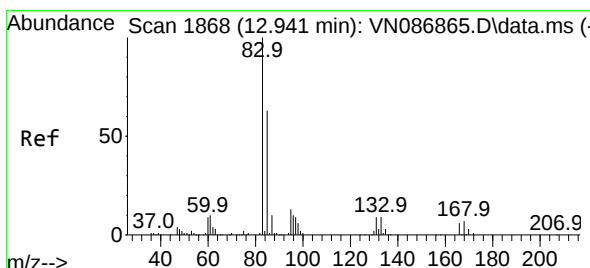
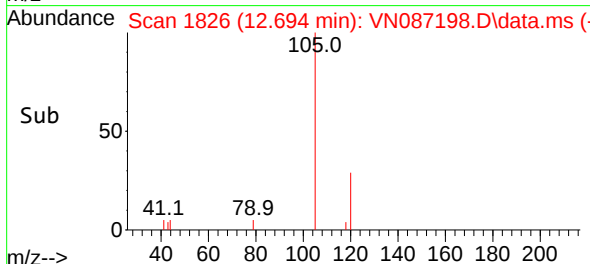
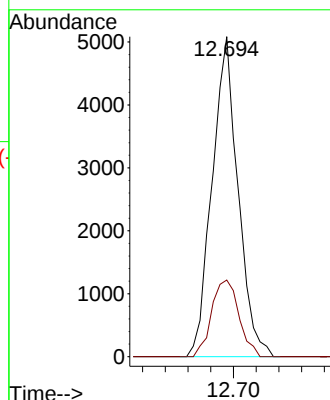
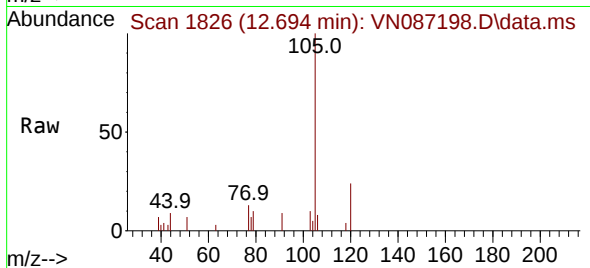
120 25.2 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 0.943 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

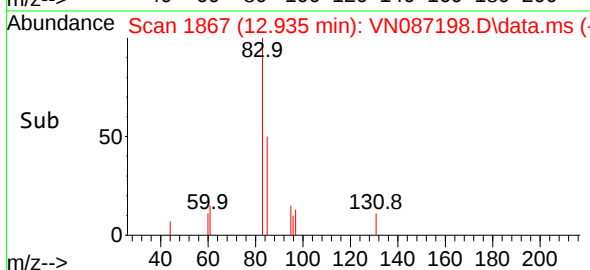
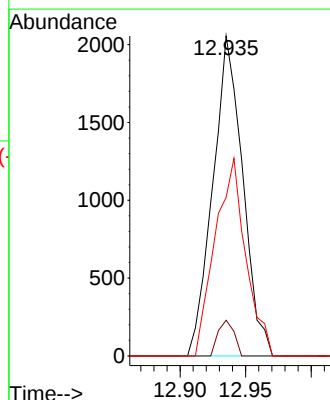
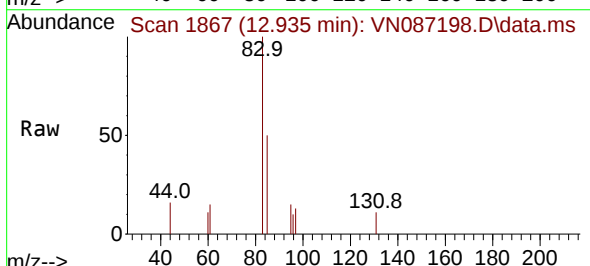
Tgt Ion: 83 Resp: 3260

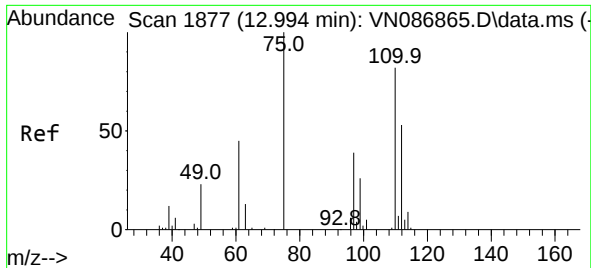
Ion Ratio Lower Upper

83 100

131 6.0 4.9 14.7

85 63.4 32.0 96.0





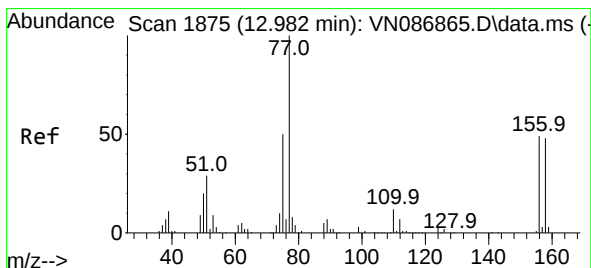
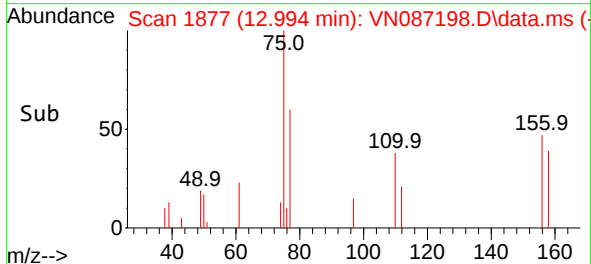
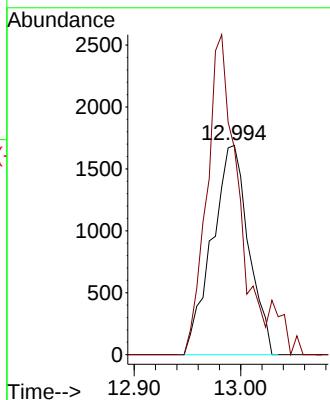
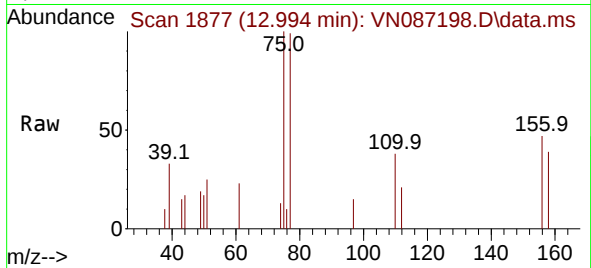
#76
1,2,3-Trichloropropane
Concen: 1.207 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 4020
Ion Ratio Lower Upper
75 100
77 129.2 79.3 237.9

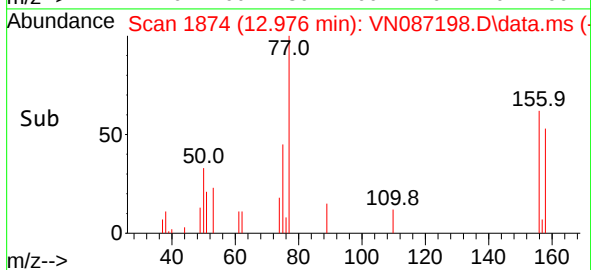
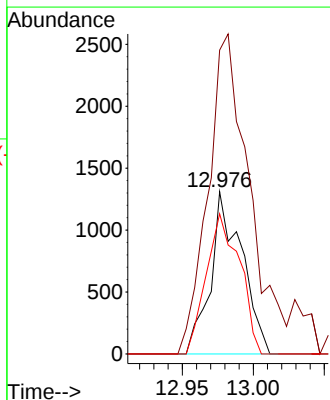
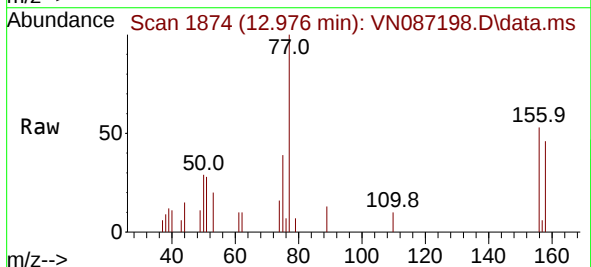
Manual Integrations
APPROVED

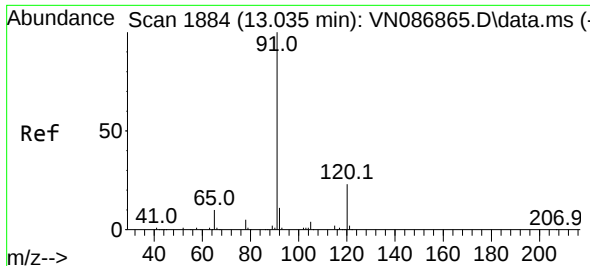
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#77
Bromobenzene
Concen: 0.854 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:156 Resp: 1999
Ion Ratio Lower Upper
156 100
77 259.9 117.7 353.1
158 92.4 48.1 144.4





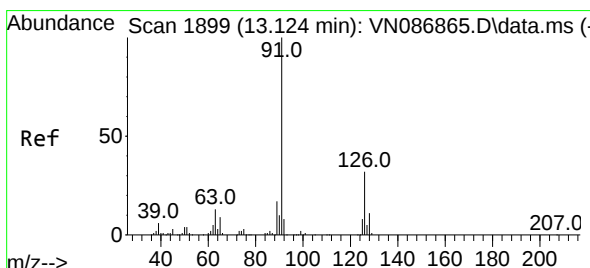
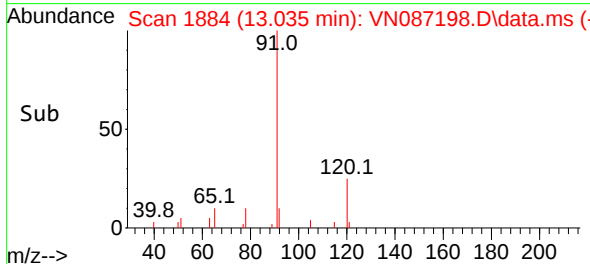
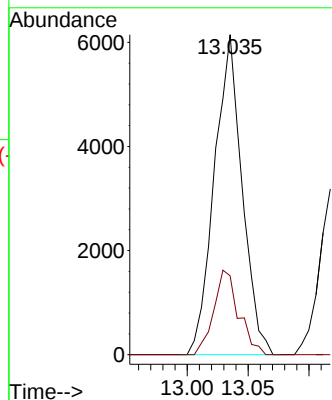
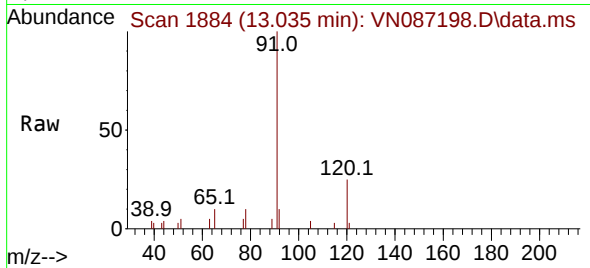
#78
n-propylbenzene
Concen: 0.786 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 9748
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2

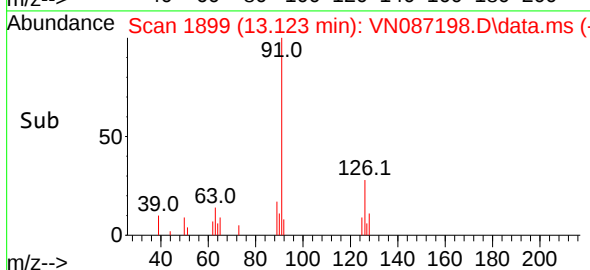
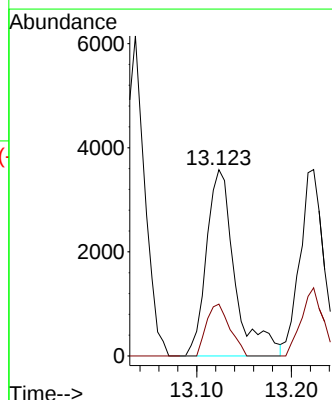
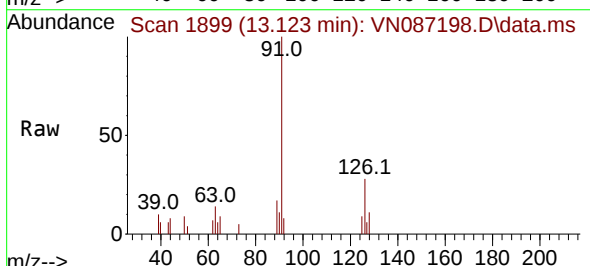
Manual Integrations
APPROVED

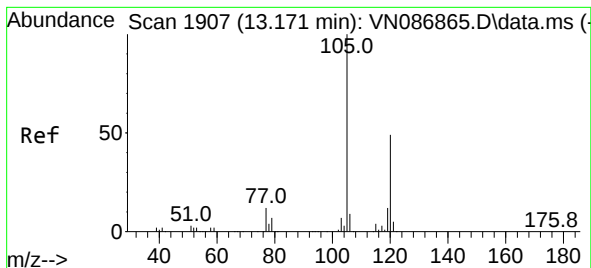
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#79
2-Chlorotoluene
Concen: 1.008 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion: 91 Resp: 7500
Ion Ratio Lower Upper
91 100
126 22.8 16.2 48.5





#80

1,3,5-Trimethylbenzene

Concen: 0.746 ug/l

RT: 13.170 min Scan# 1907

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: 6290

Ion Ratio Lower Upper

105 100

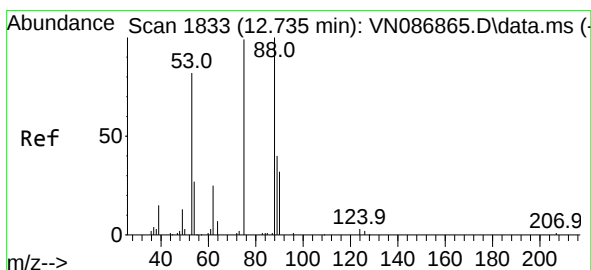
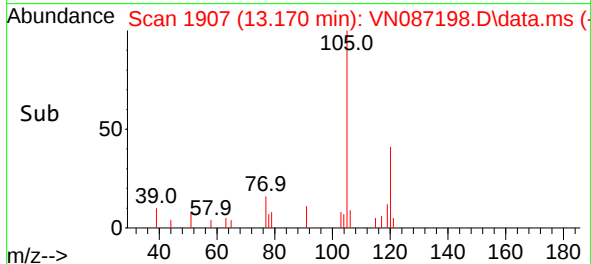
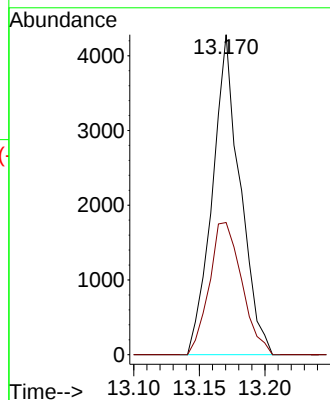
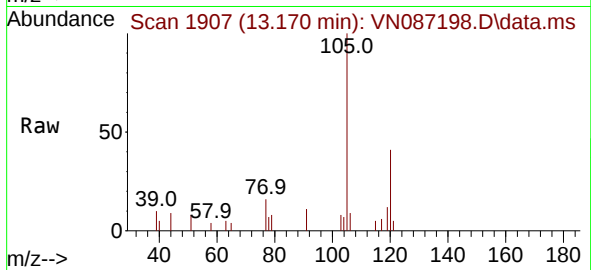
120 48.5 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 0.635 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN087198.D

Acq: 26 Jun 2025 16:34

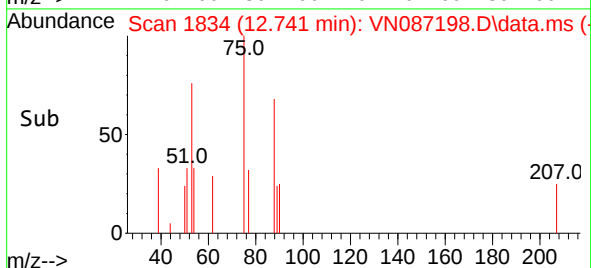
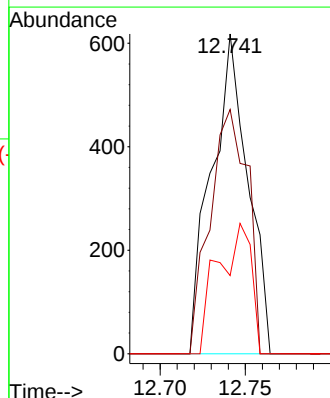
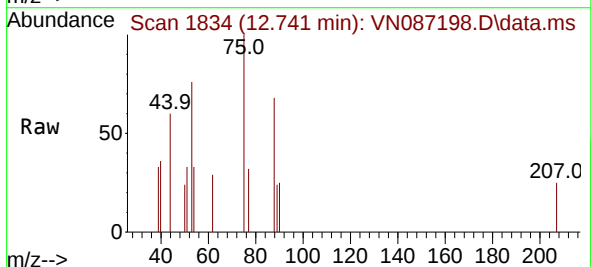
Tgt Ion: 75 Resp: 919

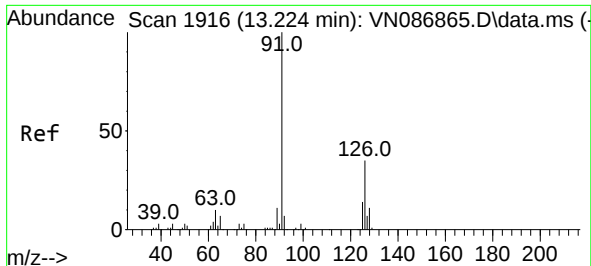
Ion Ratio Lower Upper

75 100

53 79.2 66.6 99.8

89 37.3 36.7 55.1





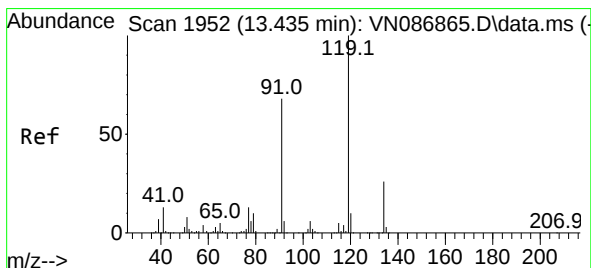
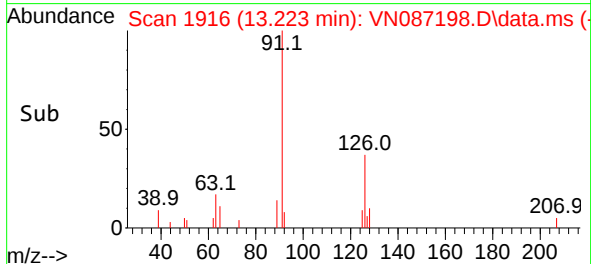
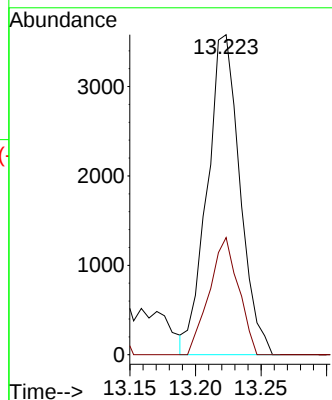
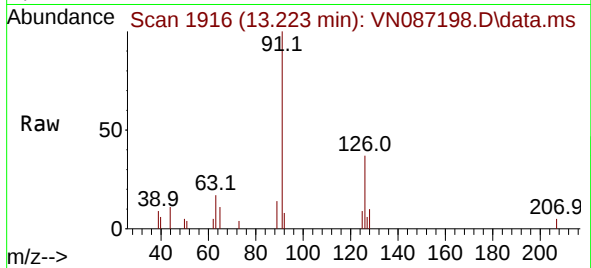
#82
4-Chlorotoluene
Concen: 0.824 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

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

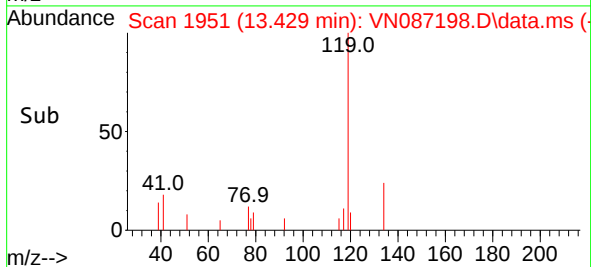
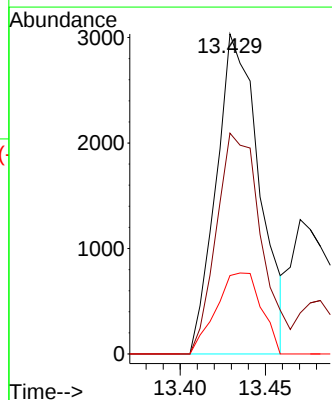
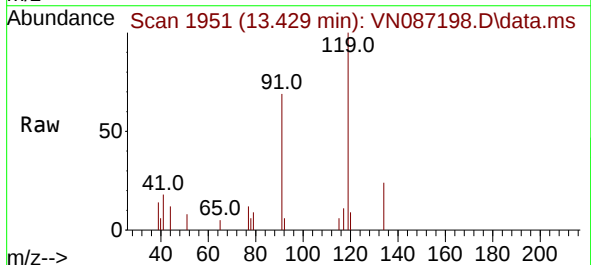
Manual Integrations
APPROVED

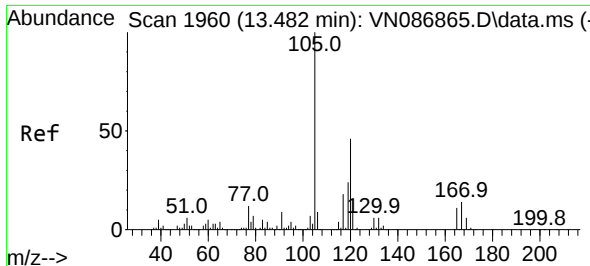
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#83
tert-Butylbenzene
Concen: 0.695 ug/l
RT: 13.429 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

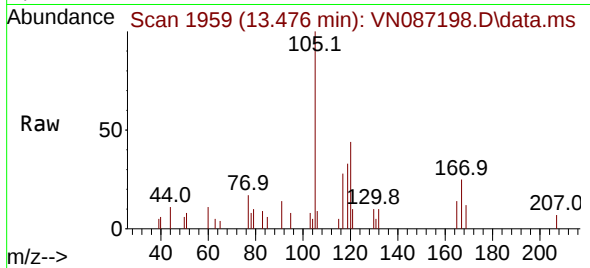
Tgt Ion:119 Resp: 5362
Ion Ratio Lower Upper
119 100
91 71.5 32.1 96.5
134 26.3 13.4 40.1





#84
1,2,4-Trimethylbenzene
Concen: 0.744 ug/l
RT: 13.476 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

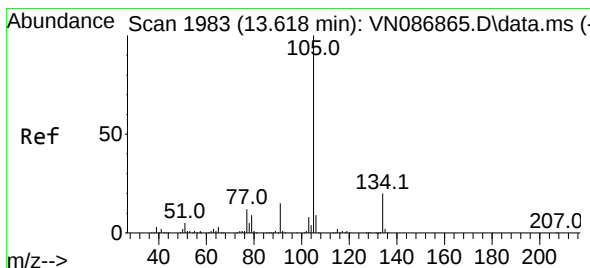
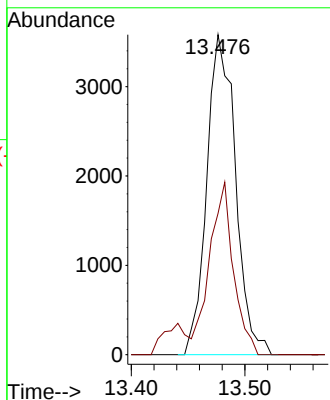
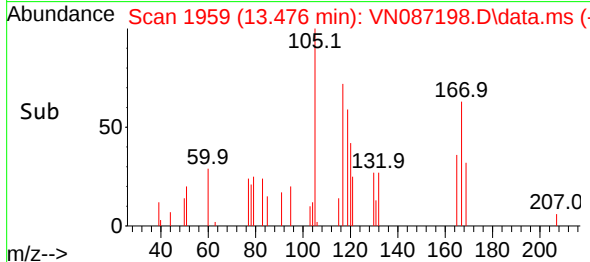
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



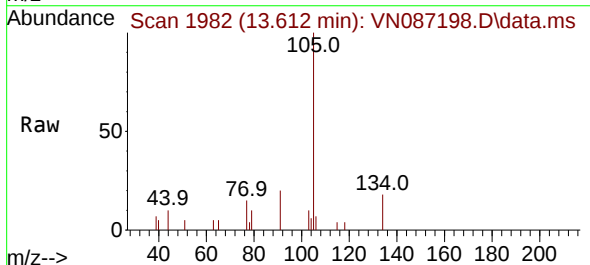
Tgt Ion:105 Resp: 629
Ion Ratio Lower Upper
105 100
120 44.7 23.2 69.6

Manual Integrations
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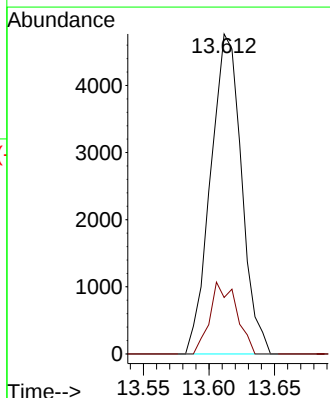
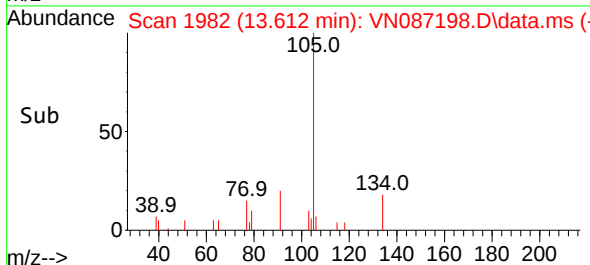
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

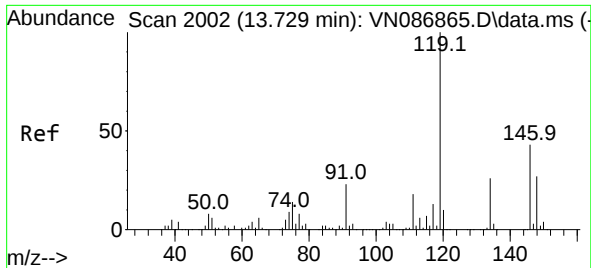


#85
sec-Butylbenzene
Concen: 0.698 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



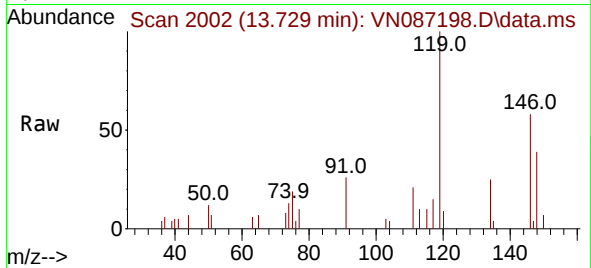
Tgt Ion:105 Resp: 7819
Ion Ratio Lower Upper
105 100
134 19.3 10.0 30.0





#86
p-Isopropyltoluene
Concen: 0.671 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

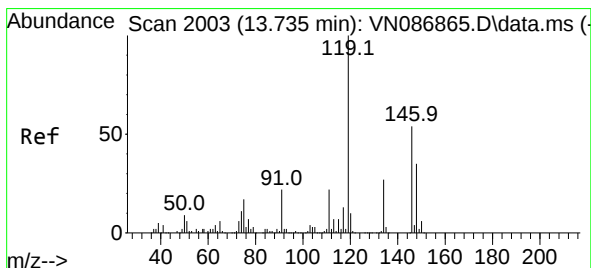
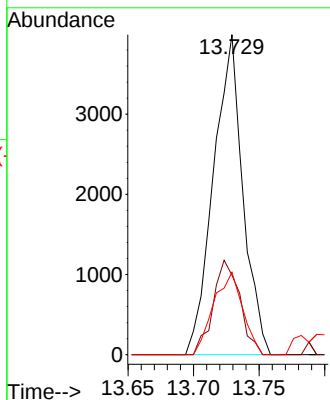
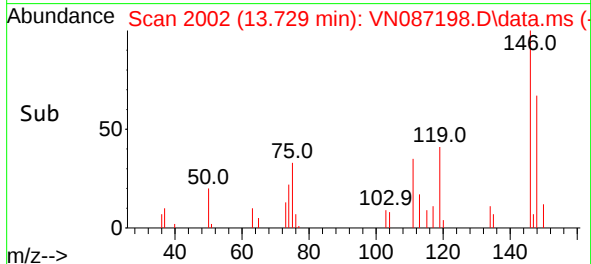
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



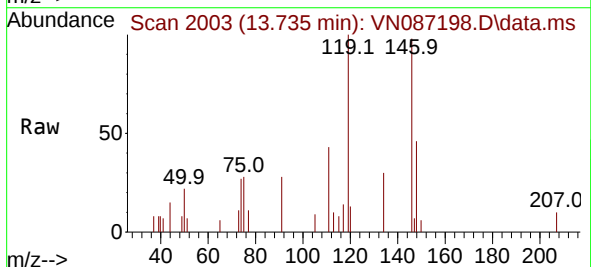
Tgt Ion:119 Resp: 6214
Ion Ratio Lower Upper
119 100
134 26.9 13.5 40.4
91 25.6 11.5 34.4

Manual Integrations
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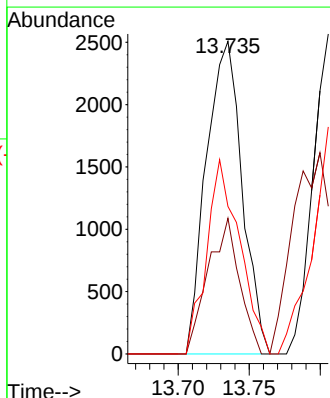
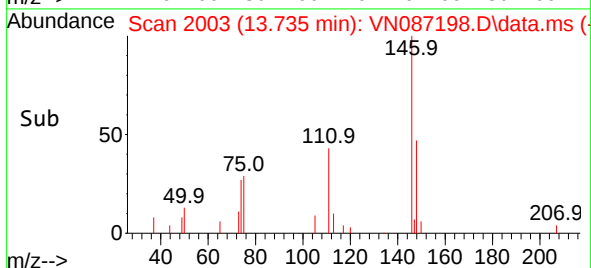
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

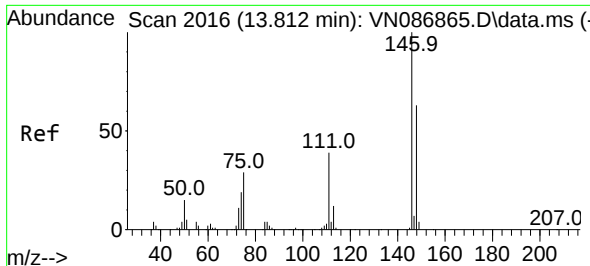


#87
1,3-Dichlorobenzene
Concen: 0.955 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



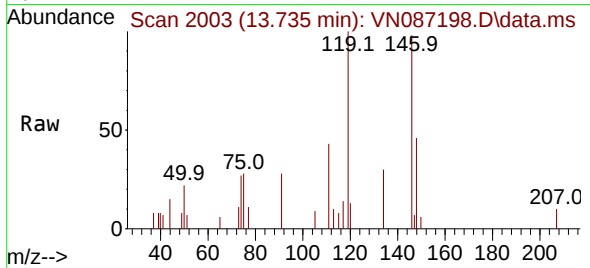
Tgt Ion:146 Resp: 4401
Ion Ratio Lower Upper
146 100
111 38.1 20.9 62.8
148 57.4 32.0 96.2





#88
1,4-Dichlorobenzene
Concen: 0.937 ug/l
RT: 13.735 min Scan# 2016
Delta R.T. -0.077 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

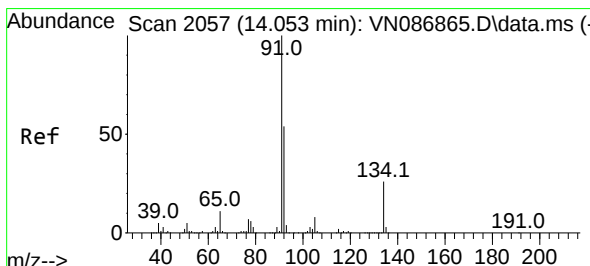
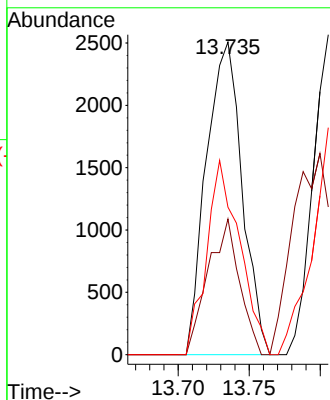
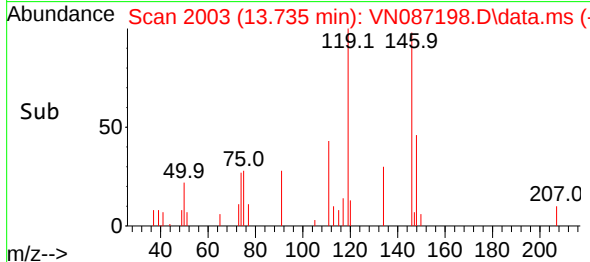
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



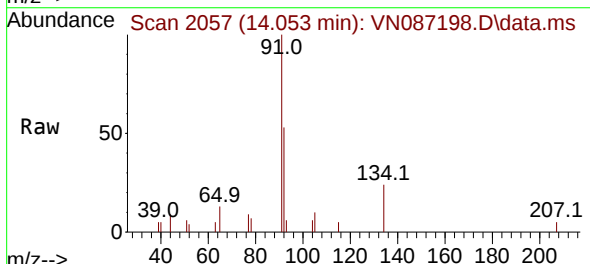
Tgt Ion:146 Resp: 440
Ion Ratio Lower Upper
146 100
111 38.1 19.9 59.7
148 57.4 31.8 95.4

Manual Integrations
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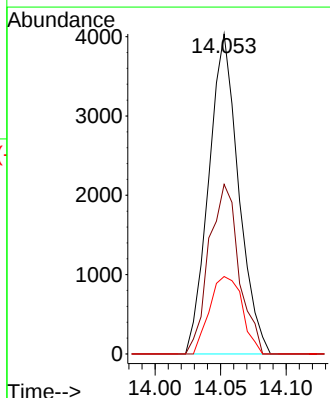
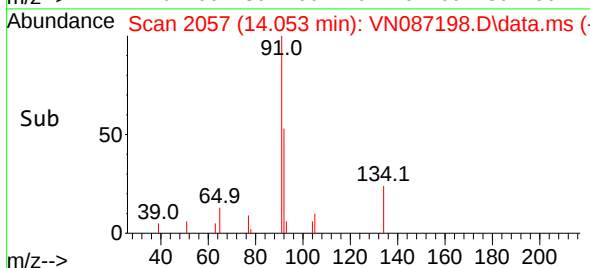
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

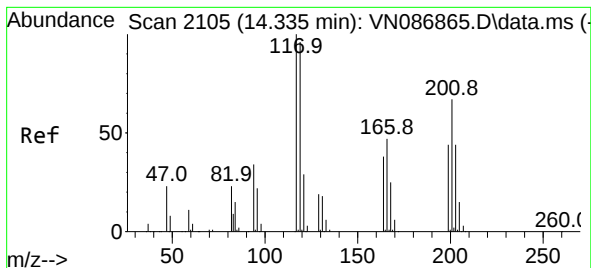


#89
n-Butylbenzene
Concen: 0.712 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



Tgt Ion: 91 Resp: 6388
Ion Ratio Lower Upper
91 100
92 53.4 27.5 82.4
134 26.5 13.0 39.0





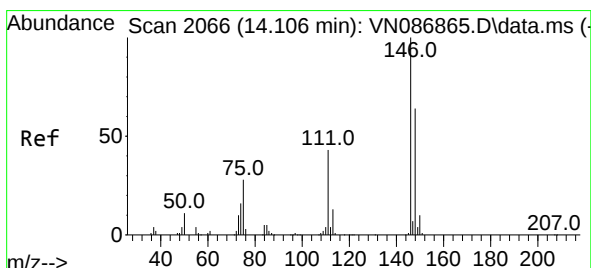
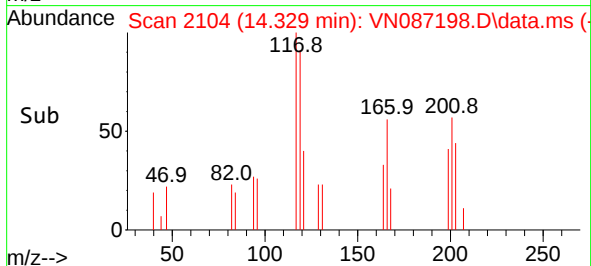
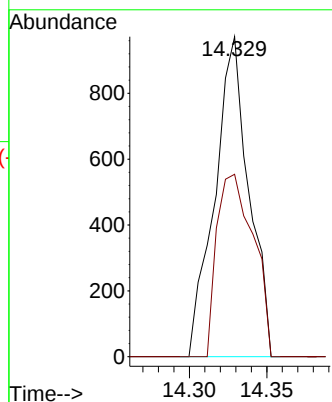
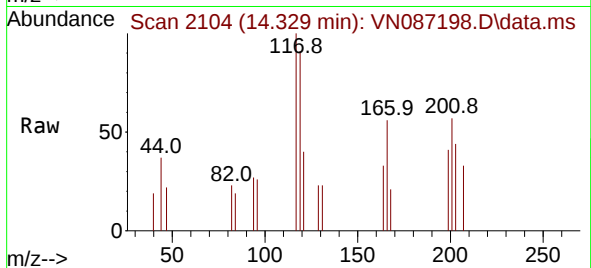
#90
Hexachloroethane
Concen: 0.948 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 1488
Ion Ratio Lower Upper
117 100
201 61.2 33.2 99.6

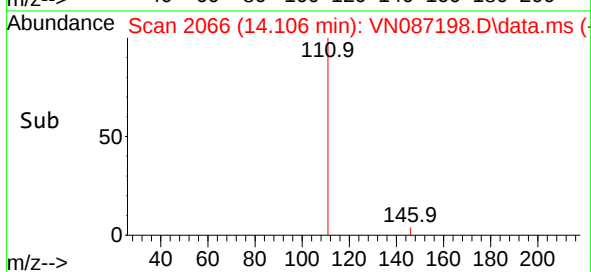
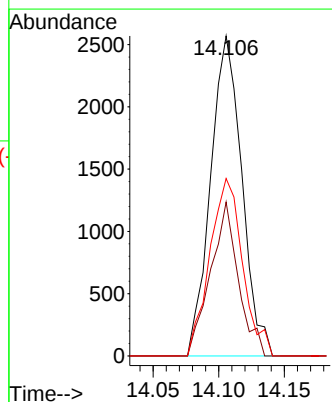
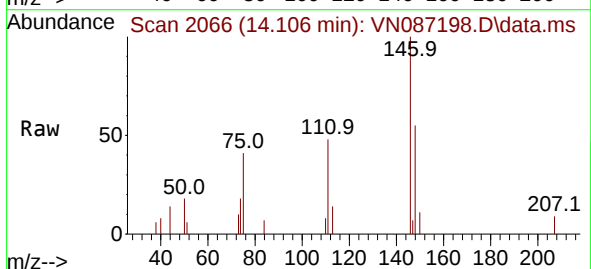
Manual Integrations
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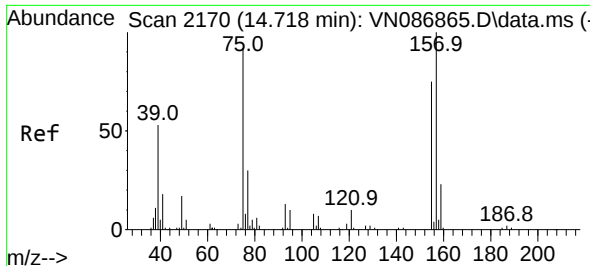
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#91
1,2-Dichlorobenzene
Concen: 0.963 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

Tgt Ion:146 Resp: 4260
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 58.3 31.7 95.1





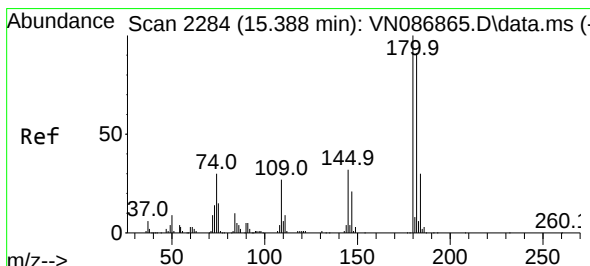
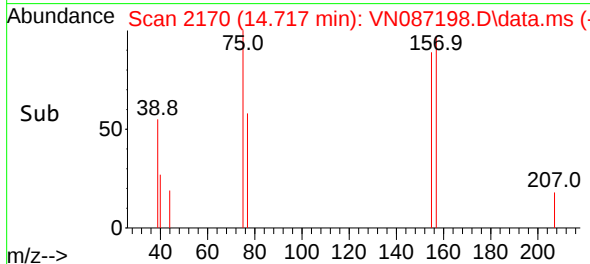
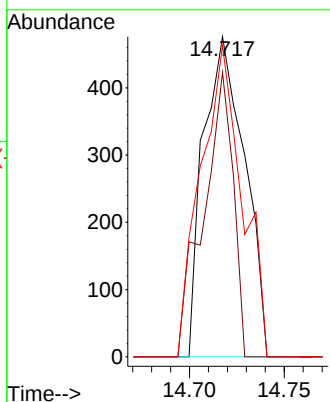
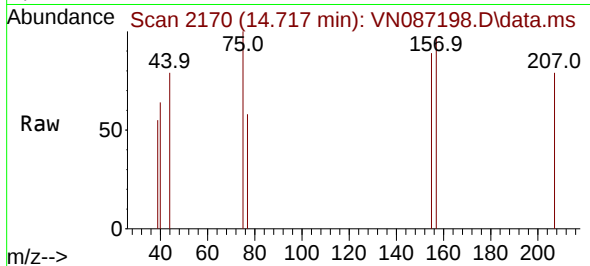
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.870 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 720
 Ion Ratio Lower Upper
 75 100
 155 63.9 41.1 123.4
 157 97.6 52.7 158.1

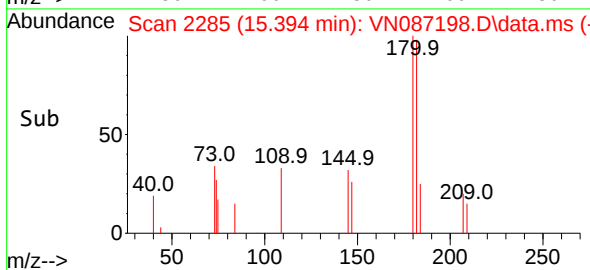
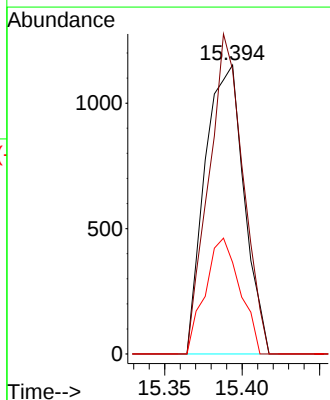
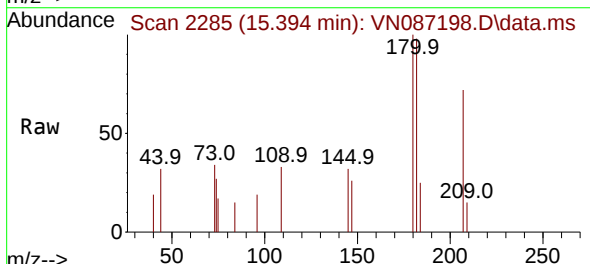
Manual Integrations
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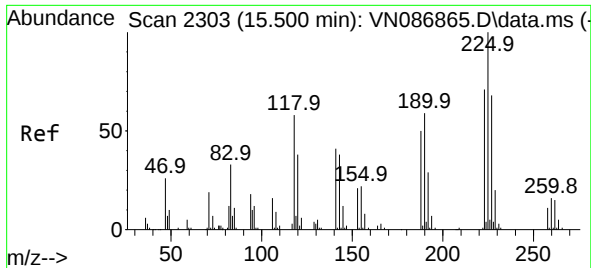
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#93
 1,2,4-Trichlorobenzene
 Concen: 0.715 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

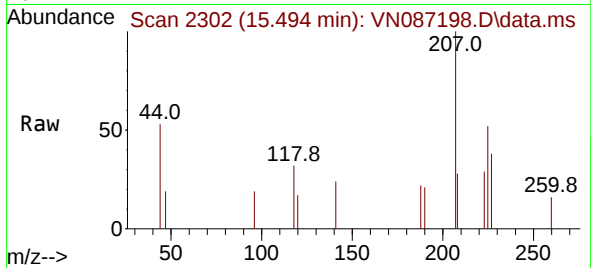
Tgt Ion:180 Resp: 2020
 Ion Ratio Lower Upper
 180 100
 182 97.3 46.9 140.7
 145 35.7 16.0 47.9





#94
Hexachlorobutadiene
Concen: 0.651 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34

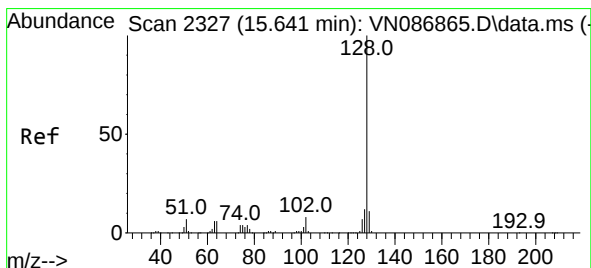
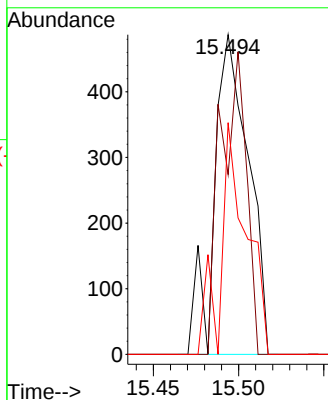
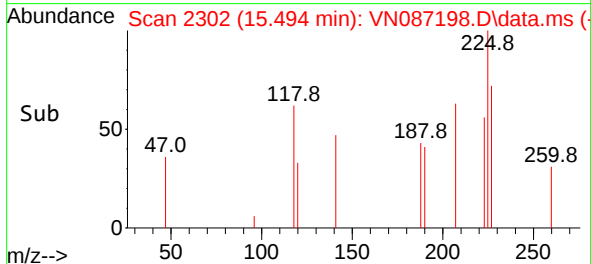
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



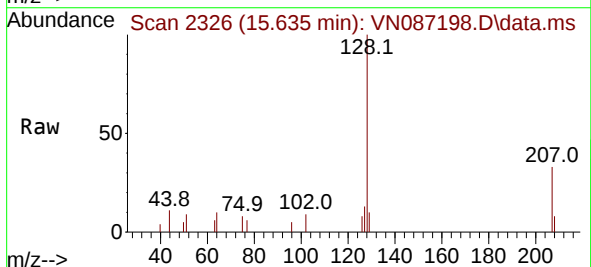
Tgt Ion:225 Resp: 689
Ion Ratio Lower Upper
225 100
223 70.5 33.5 100.4
227 54.6 31.1 93.5

Manual Integrations
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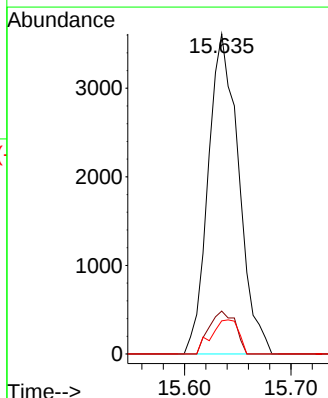
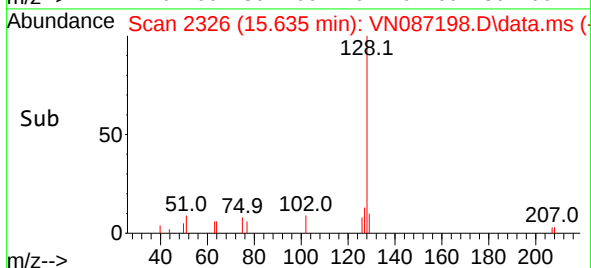
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

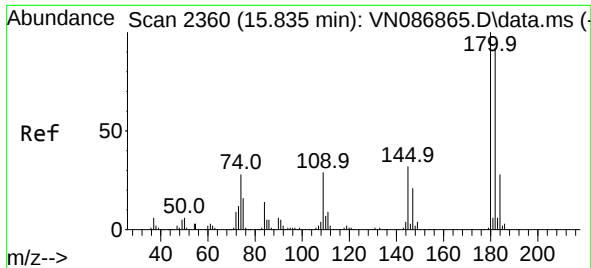


#95
Naphthalene
Concen: 0.682 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN087198.D
Acq: 26 Jun 2025 16:34



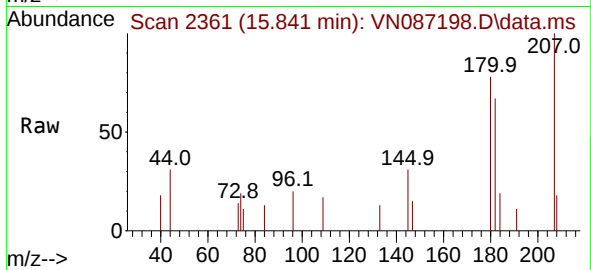
Tgt Ion:128 Resp: 7179
Ion Ratio Lower Upper
128 100
127 11.6 10.2 15.2
129 9.6 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.761 ug/l
 RT: 15.841 min Scan# 2138
 Delta R.T. 0.006 min
 Lab File: VN087198.D
 Acq: 26 Jun 2025 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001



Tgt Ion:180 Resp: 2138
 Ion Ratio Lower Upper
 180 100
 182 102.2 47.0 141.0
 145 33.1 16.6 49.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025

